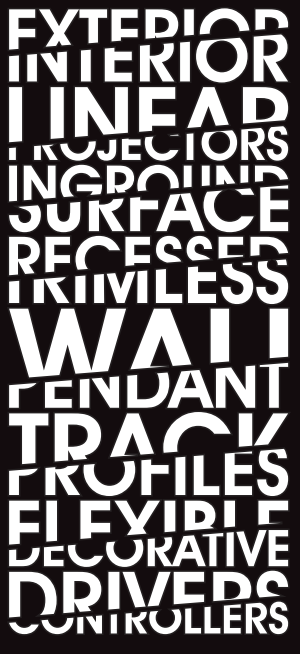
LED & ARCHITECTURAL LIGHTING

45 years
2023

ELECTRON



ELECTRON

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ELECTRON SA

ELECTRON was established in 1978 and since then has been a leading manufacturing and distributing company in the lighting field. The company has been active in the international field for more than 18 years and today exports its products in more than 60 countries worldwide, sealing its dynamic presence by participating in international lighting exhibitions around the world. It is located in Athens, Greece.

The company originally started in the theatrical field with the design, development and production of lighting management systems. Due to this experience, the company has deep knowledge and know-how of the electronics of the luminaires and the lighting management systems. Electron also designs and produces Casambi partner products (switches and drivers), used with the Casambi App available for both iOS and Android.

ELECTRON SA is certified with ISO 9001:2015 for the design, development, production and marketing of professional lighting systems.

45 years
1978 - 2023

EnabLED
Licensing Program for LED Luminaires and Retrofit Bulbs
Member
Electron SA
ENABLED

OUTDOOR LIGHTING

The Outdoor collection consists of a compete series of outdoor luminaires custom made with well-known and well established families of products. Linear outdoor luminaires include the design and production of wall washers and resin potted luminaires all custom made according to the needs of each project. All are offered with input cable and IP68 connector as standard, but with a possibility also for in-out cable and IP68 connector supplied as extra. Protagon is the highest in performance washer and Elegant series consists of four different models: Elegant MAX II, Elegant Max, Elegant Midi and Elegant Mini. Resin potted linear luminaires have a variety of linear profiles including Outliner series (surface, recessed, installation with brackets) available in different widths IP67 (Recessed IP66) all custom made in terms of CCT, Wattage and length, offered at different dimensions custom made according to the illuminated areas. All resin potted luminaires offer excellent uniformity with colour consistency. Outdoor collection includes aslo a variety of Projectors such as Box, Conny and Tondo series offered at different wattage, CCT, beam angles and with a variety of accessories (snoot, honeycomb, tree belt, pole base and spike).

ELECTRON lounges its newest Terano 25 series. Terano 25 is an inground linear resin potted luminaire available either with opal or with clear finish with a length of up to 2m. It offers excellent uniformity with colour consistency. It is IP68 and IK10, available either with aluminium or with stainless steel luminaire body and mounting box. Outdoor collection also includes other inground linear, round and square luminaires such as Gretto the newest available series recessed and trimless, as well as surface mounted, recessed, wall, trimless luminaires, bollard and decorative rechargeable luminaires.

Outdoor collection also includes ceiling recessed or trimless downligths that are offered in these categories respectively, as well as waterproof led strips and Milky flexible LED offered with a protection rate of either IP65, IP66, IP67 or IP68.

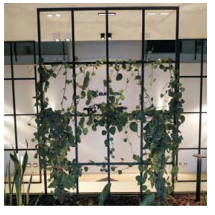
WEATHER RESISTANT

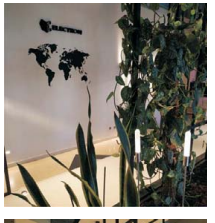
Marine Type features:

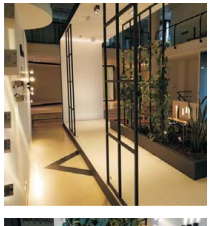
Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

RESIN material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:
REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:
Outdoor – Chemicals – Short term water immersion – Hot water, Thermal Shock – Heat - Abrasion
In accordance to:
Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87.
TABER test ASTM D1044. CROCKMETER test ASTM D6279

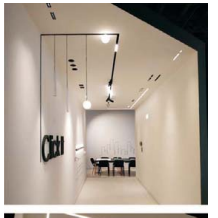


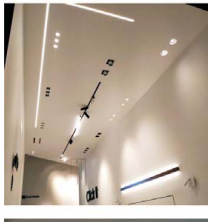


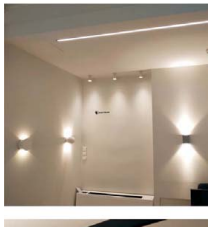


Athens Showroom

INDOOR LIGHTING







Athens Showroom

In terms of indoor luminaires, the range consists of a variety of custom made linear indoor luminaires: fixed, surface, adjustable with brackets, recessed, trimless, wall and pendant. All luminaires are custom made mainly with Nichia strips or Cree modules in the dimensions or shapes that fit in each space. Moreover, Electron offers interior spotlights with different shape and wattage consisting mainly of Calisto, Riena and Feria series with CREE or Bridgelux LEDs.

Electron also offers Click It interior system available in trimless surface or pendant application. There is an almost endless possibility to blend into the architecture of any space due to the variety of accessories that are available. Versatile and adjustable to changes as there is a flexibility and easiness in the repositioning of the luminaires by a click. Can be either placed on ceiling or wall. The luminaires consist of spots, zoom spot, frame, gobo, linear spots, washers, diffused linear flat or tubes and decorative pendant cylindrical and frosted sphere luminaires. The system is offered 42V PWM Dimmable or 48V DALI Dimmable. Most luminaires are offered either with CREE or Bridgelux LED. Click It is also available in fixed circles either surface or pendant with spots.

Electron Downlights include a great variety of recessed and trimless luminaires available either for indoor or outdoor use. The downlights are offered in different cutouts, depths and wattage, with a selection of the dimming option. Most are offered either with CREE or with Bridgelux LED and with L90/B10 50000h for monochromatic and 3step MacAdam. Some families of downlights offer a selection of accessories: honeycomb, softening lens spread lens and extra IP protection. All downlights are custom made in terms of characteristics CCT, CRI, Watt, beam angle, colour, dimming option and accessories. Electron also offers surface, pendant and wall luminaires most with the above mentioned characteristics.

Electron also presents the new custom made series of Disc, Eclipse, Loop, and Orbit luminaires. These are offered for recessed, trimless, surface, surface deco, pendant direct and pendant direct/indirect installation. Disc and Loop are offered in six different dimensions whereas Eclipse and Orbit are offered in four different dimensions. Upon request custom dimensions may be also available. All luminaires are offered in two models: High Power and High Efficiency with options for low Glare (UGR<21) and low UGR (UGR<19) respectively.

Electron collection also includes a great variety of aluminium profiles that offer limitless solutions together with a great collection of the finest LED strips. Prime Series and Supreme series consist of the highest quality of LED strips using Nichia and Samsung LEDs respectively. Electron also offers a variety of Milky flexible Leds offered with protection rate of IP65/ IP66/ IP67/ IP68. Milky flexible LEDs have vertical or horizontal or twist (both vertical and horizontal) bending possibility. Electron also offers fiber optics and a selection of LED Lamps that include Soraa and Sylvania.

Finally, Electron offers a great selection of Constant Voltage and Constant Current drivers. Electron, also designs, develops and manufactures Premium Series of wall-mounted multifunctional Controllers, available in different versions to meet individual requirements and specifications: Leading Edge Dimmers, Trailing Edge Dimmers, Relay Switches, HF Fluorescent Controllers, Sine Wave Dimmers, LED Drivers, Dali Drivers. Moreover, ELECTRON designs, develops and manufactures ARLIC architectural lighting system, MICON architectural dimmers, LED power supplies, LED dimmers, LED converters, LED boosters, LED controllers, Splitters, Relay packs and other lighting equipment.

ELECTRON due to the 45 years of experience in the development and production of luminaires, Lighting Management & Control Systems, has the ability, to offer unique solutions in terms of the lighting and the control. Each project is carefully designed and managed in order to be perfectly functional, and easy to use for the end users, allowing the possibility to control each light source as desired. ELECTRON offers a variety of dimming options (DMX/ DALI/ 1-10V/ 0-10V/ Wireless), Bluetooth Control, and Emergency operation.

bridgelux · NICHIA · CREE LEDs · SAMSUNG

Request our catalogues:
Lighting Management & Control Systems, made in Greece
Entertainment Lighting & Audio Systems

The ELECTRON team

Electron team consists of qualified and well trained staff with common view the delivery of products of highest quality.

R&D Department
The R&D department consists of experienced and qualified engineers who ensure the design and development of innovative products, excellent in design, technology, and ergonomics. Custom solutions and designs are also possible for evaluation and /or production.

Sales Department
The sales team has engineers with deep knowledge of the lighting industry who are eager to provide the best possible solutions in terms of functionality and aesthetics.

Production Department
The production department has qualified staff who together with the high quality raw materials, and quality control ensure the delivery of excellent in performance products.

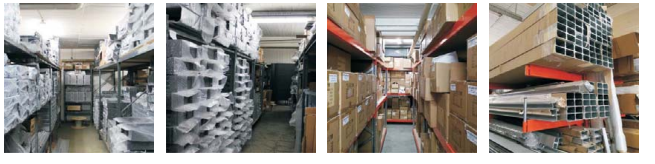
After Sales Department
The after sales team is available to our partners for technical support, information, and back up service.

Photometry
Electron luminaires are offered with their photometric data. Electron has in house photometry lab that ensures photometric data of the collection and at the same time quick reliable measurements for mock up and custom products. Electron also collaborates with the Lighting Laboratory of the National Technical University of Athens (NTUA). The Lighting Laboratory of NTUA has been established in 1955 with experienced and qualified specialists.

R&D

The Production

The Warehouse



Panathenaic Stadium Athens, Greece Won Best Project in 2022 Casambi Awards

Lighting Design by George Tellos https://artlc-design.com/
Special thanks to the Hellenic Olympic Committee https://hoc.gr/en
Photographer: Dionisis Koutsis

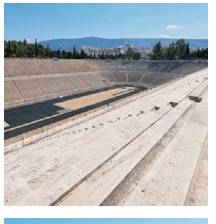
CASAMBI

The Stadium

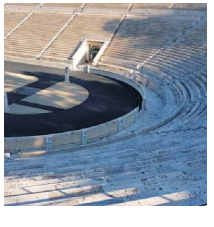
The Panathenaic Stadium is a classical cultural and touristic monument of Greece and one of the most significant monuments not only for Athens, but for the whole of Greece.

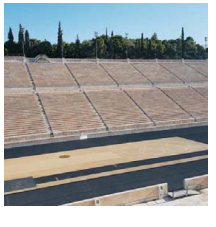
It is one of city's most popular touristic attractions and one of Athens' landmarks.

Its rich history is directly connected to the Modern Olympic Games as from their revival in 1896 until the Athens Olympic Games in 2004. It is also the place from where the Olympic flame sets up its journey to the cities of the Olympic Games, both Winter, Summer and Youth.



1896 Olympics
(Panathenaic Stadium - Athens, Greece)





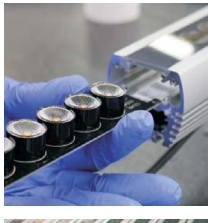
Goals/ Restrictions

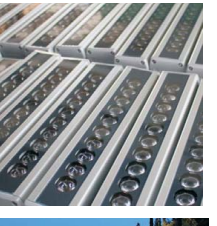
- Sustainability
- Light Pollution Reduction.
- CCT Adjustability
- CRI > 90
- Homogeneity and Uniformity.
- Fixtures should be placed in the pre-existed 60 available points ensuring zero interference in the historical stadium.
- Wireless individual control of each lighting point. MACs in the cabling infrastructure were not allowed.

Solution

Electron

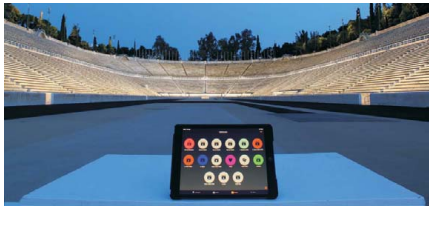
- Illumination of the stadium itself consists of 453 custom made Elegant MAX luminaires.
- 360 fixtures used for the stands, placed in the pre-existed 60 (array of 6 luminaires in each point).
- 93 fixtures used as used as safety units for illuminating the 2 level horizontal corridors.
- Different lenses within each fixture to ensure vertical and horizontal homogeneity.
- Separate aiming and stabilizing of each luminaire.
- Custom DALI DT8 power supplies.
- Individual control for each array of 6 luminaires.





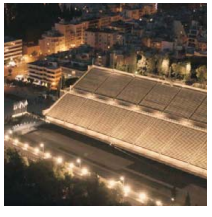
Casambi

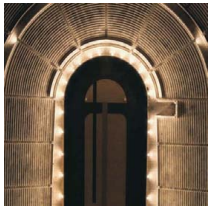
- Wireless mesh networking.
- DALI DT8 TW control from dusk to dawn.
- Time based scene for both CCT and power control.
- Remote access through gateway.
- Control hierarchy.

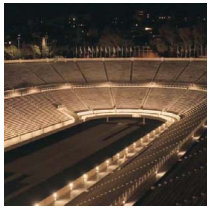


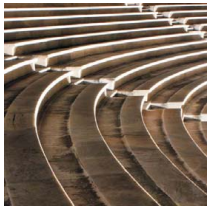
Relults

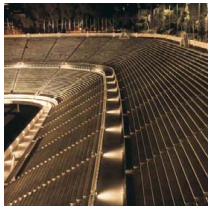
- The new lighting system significantly enhanced the sustainability claims.
  Luminosity level drops to 80% after a specific time ensuring sustainability.
- Energy requirements have been reduced by 50% and light pollution by more than 70%.
- Neutral White turns into Warm White as the darkness deepens.
- Both CCTs, in combination with CRI>90, reveal the uniqueness of the Pentelic marble.
- Excellent uniformity levels: elimination of both hot spots & dark spots.
- Preserving the heritage of the historical monument with zero interference.

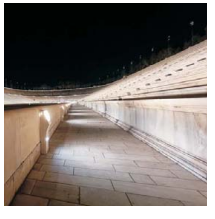


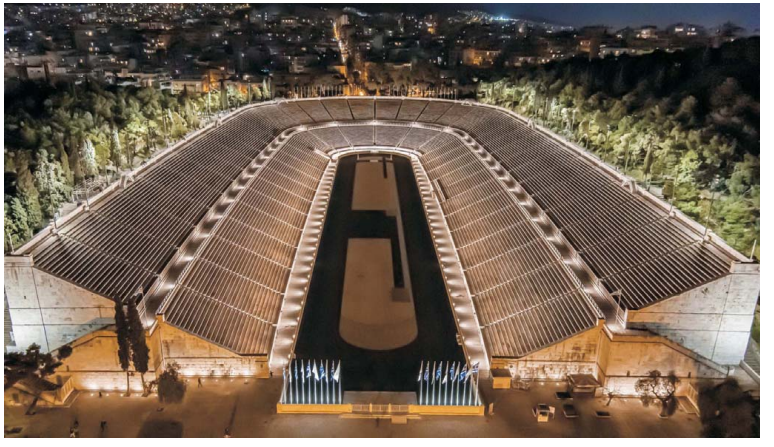


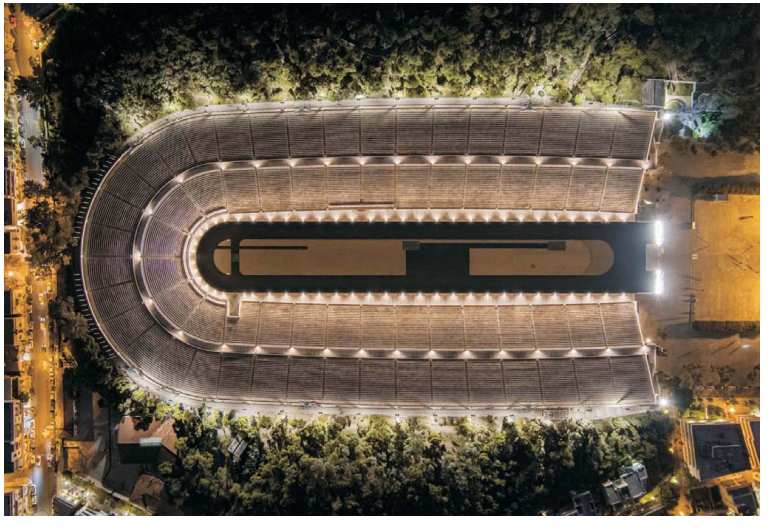












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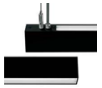

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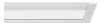

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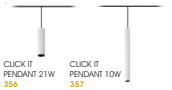
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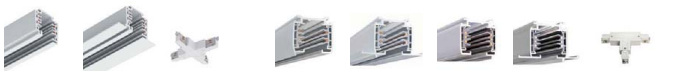
Interior Spotlights

LIGHTING TRACKS

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RIO L 399

MANDI SYSTEM 400

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Ceiling Recessed

DISC RC 404
DISC RC Ø289mm · DISC RC Ø419mm · DISC RC Ø599mm · DISC RC Ø869mm · DISC RC Ø1149mm · DISC RC Ø1439mm

ECLIPSE RC 408
ECLIPSE RC Ø599mm · ECLIPSE RC Ø869mm · ECLIPSE RC Ø1149mm · ECLIPSE RC Ø1439mm

LOOP RC 412
LOOP RC 319x319mm · LOOP RC 469x469mm · LOOP RC 609x609mm · LOOP RC 879x879mm · LOOP RC 1149x1149mm · LOOP RC 1419x1419mm

ORBIT RC 416
ORBIT RC 609x609mm · ORBIT RC 879x879mm · ORBIT RC 1149x1149mm · ORBIT RC 1419x1419mm

REFORM
REFORM 30 RC 420 · REFORM 30 InOut RC 422 · REFORM 30 RC Spot 424 · REFORM 52 RC 426 · REFORM 52 InOut RC 428 · REFORM 52 RC Spot 430 · REFORM 75 RC Spot 431

ADORNO RC Retrofit 432

SOUL 434
SOUL · SOUL DEEP · SOUL ADJ · SOUL ADJ DEEP · SOUL IP65 · SOUL IP56 DEEP
SOUL MINI · SOUL MINI DEEP · SOUL MINI ADJ · SOUL MINI ADJ DEEP · SOUL MINI IP65 · SOUL MINI IP56 DEEP

HIDE RC 442
HIDE RC · HIDE RC DEEP · HIDE RC DOUBLE · HIDE RC DEEP DOUBLE · HIDE MINI RC · HIDE MINI RC DEEP

SANTI 450
SANTI · SANTI ADJ · SANTI WASH · SANTI MINI

WHISPER RC 458
WHISPER RC · WHISPER ADJ

CRUSH RC 462
CRUSH RC · CRUSH RC DOUBLE

POT 466

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ELECTRON

POLAR RC 470 · MANI 472 · NORDIA
NORDIA 473 · NORDIA WASH 474 · NORDIA DF 475

LIMA
LIMA 4 RC 476 · LIMA 10 RC · LIMA 21 RC · LIMA 10 RC Single ADJ 478 · LIMA 21 RC Single ADJ · LIMA 21 RC Double ADJ · LIMA 42 RC Double ADJ · LIMA WASH 10 RC 480 · LIMA WASH 21 RC
LIMA DF 4 RC 482 · LIMA DF 10 RC · LIMA DF 21 RC · LIMA 4 IP44 RC 484 · LIMA 10 IP44 RC · LIMA 4 IP65 RC 486 · LIMA 10 IP65 RC · LIMA 21 IP65 RC

LANE 488
LANE 2 RC · LANE 4 RC · LANE 10 RC · LANE 21 RC · LANE 31 RC · LANE 21 ADJ RC 490

FOCUS RC 492
FOCUS RC · FOCUS RC ADJ

ERIS 494
ERIS L ADJ · ERIS L · ERIS M ADJ · ERIS M

MERLYN
MERLYN XL 497 · MERLYN 498 · MERLYN IP44 500

CASTALIA
CASTALIA R 502 · CASTALIA S 504 · CASTALIA E 506 · CASTALIA H 508 · CASTALIA A 510 · CASTALIA W 512

BORRELY 514
BORRELY · BORRELY DOUBLE

VESTA 516

ELISE 517

JUPITER 518

AVRA 520

TORN BAROLO
TORN/ TORN MINI 522 · BAROLO 523

CUBIC EYE FRAME
CUBIC/ EYE/ EYE SQUARE 524 · FRAME/ FRAME SQUARE 525

STARLIGHT DECO
STARLIGHT SERIES 526 · DECO-S/ DECO-M 527

PETITE EVO I
PETITE SERIES 528 · EVO I 529

ZETA
ZETA 530 · ZETA MINI 531

KRONOS ALTRA
KRONOS 532 · ALTRA 533

TALUS
TALUS RC 534 · TALUS RC ADJ 536

RODITA SORENA
RODITA 538 · SORENA 539

RONELO PELO
RONELO 540 · PELO 541

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Ceiling Trimless

DISC TR 544
DISC TR Ø257mm · DISC TR Ø387mm · DISC TR Ø567mm · DISC TR Ø837mm · DISC TR Ø1117mm · DISC TR Ø1407mm

ECLIPSE TR 548
ECLIPSE TR Ø567mm · ECLIPSE TR Ø837mm · ECLIPSE TR Ø1117mm · ECLIPSE TR Ø1407mm

LOOP TR 552
LOOP TR 306x306mm · LOOP TR 456x456mm · LOOP TR 596x596mm · LOOP TR 866x866mm · LOOP TR 1136x1136mm · LOOP TR 1406x1406mm

ORBIT TR 556
ORBIT TR 596x596mm · ORBIT TR 866x866mm · ORBIT TR 1136x1136mm · ORBIT TR 1406x1406mm

REFORM TR
REFORM 30 TR 560 · REFORM 30 InOut TR 562 · REFORM 52 TR 564 · REFORM 52 InOut TR 566

HIDE TR 568
HIDE TR · HIDE TR DEEP · HIDE TR DOUBLE · HIDE TR DEEP DOUBLE · HIDE MINI TR · HIDE MINI TR DEEP

WHISPER TR 576

CRUSH TR 580
CRUSH TR · CRUSH TR DOUBLE

LIMIT 584

POLAR TR 588

FOCUS TR 590

LIMA
LIMA 4 TR 592 · LIMA 10 TR · LIMA 21 TR · LIMA WASH 10 TR 594 · LIMA WASH 21 TR · LIMA DF 4 TR 596 · LIMA DF 10 TR · LIMA DF 21 TR

LUPO
LUPO RD WASH 598 · LUPO RD 599 · LUPO SQ WASH 600 · LUPO SQ 601

HELIO PANDORA HEKTOR GALINO
HELIO 602 · PANDORA 603 · HEKTOR 604 · GALINO 605

AMOS PLASTER
AMOS/AMOS XL 606 · SEAMLESS ROUND/ SQUARE SHORT/ SQUARE WASH 45° 607 · SHARP ROUND/SQUARE 608 · VERTICO 609 · SEAMLESS SQUARE/SQUARE x 2 610 · SEAMLESS SQUARE ADJUSTABLE/ ADJUSTABLE x2 611

PLASTER
SEAMLESS ROUND ADJ./ ROUND ADJ x2/ CURVE ADJ 612 · INVISIBLE SQUARE ADJ./ SQUARE/ROUND 613 · INVISIBLE ROUND ADJ./ ROUND ADJ x2/ CURVE ADJ 614 · EXENS/ SPACE-O/ SPACE-Z 615 · ART-R 616

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Ceiling Surface

DISC SF 618
DISC SF Ø270mm · DISC SF Ø400mm · DISC SF Ø580mm · DISC SF Ø850mm · DISC SF Ø1130mm · DISC SF Ø1420mm

DISC SF DECO 622
DISC SF DECO Ø270mm · DISC SF DECO Ø400mm · DISC SF DECO Ø580mm · DISC SF DECO Ø850mm · DISC SF DECO Ø1130mm · DISC SF DECO Ø1420mm

ECLIPSE SF 626
ECLIPSE SF Ø580mm · ECLIPSE SF Ø850mm · ECLIPSE SF Ø1130mm · ECLIPSE SF Ø1420mm

ECLIPSE SF DECO 630
ECLIPSE SF DECO Ø580mm · ECLIPSE SF DECO Ø850mm · ECLIPSE SF DECO Ø1130mm · ECLIPSE SF DECO Ø1420mm

LOOP SF 634
LOOP SF 300x300mm · LOOP SF 450x450mm · LOOP SF 590x590mm · LOOP SF 860x860mm · LOOP SF 1130x1130mm · LOOP SF 1400x1400mm

LOOP SF DECO 638
LOOP SF DECO 300x300mm · LOOP SF DECO 450x450mm · LOOP SF DECO 590x590mm · LOOP SF DECO 860x860mm · LOOP SF DECO 1130x1130mm · LOOP SF DECO 1400x1400mm

ORBIT SF 642
ORBIT SF 590x590mm · ORBIT SF 860x860mm · ORBIT SF 1130x1130mm · ORBIT SF 1400x1400mm

ORBIT SF DECO 646
ORBIT SF DECO 590x590mm · ORBIT SF DECO 860x860mm · ORBIT SF DECO 1130x1130mm · ORBIT SF DECO 1400x1400mm

REFORM
REFORM 30 SF SPOT 650 · REFORM 52 SF SPOT 652 · REFORM 75 SF SPOT 653

LACERTA 654

ADORNO
ADORNO SF SPOT/LIGHT RETROFIT 655 · ADORNO SF RETROFIT 656

MORETTO TALUS LYRA PLASTER
MORETTO 658 · TALUS 660 · LYRA 661 · ARIES 662 · BAREL 663 · ATLAS 664

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Interior Pendant

DISC PDD-PDDI 666

ECLIPSE PDD-PDDI 672

LOOP PDD-PDDI 678

ORBIT PDD-PDDI 684

AURIGA 690

ADORNO PD RETROFIT 691

JERIS 692

IRIS 693

METIS 694

Interior Wall Surface, Recessed

SYLVA

SYLVA S 696

SYLVA L & R 697

NAMOS 698

TETRIS 699

CUBE PL/ FAROS-P 700

PRICL/ BOWL/ CURB 701

WAVE/ JUGER 702

CAFÉ/ MENSA 703

LETO/ JUNO 704

EUROPA/ IDA 706

EMILOS/ IKTINOS 707

URGO PL/ URGO SLEEK 708

CIRCLE PL/ CIRCLE LPL 709

CERES L/ CERES 710

NECK/SHAPE/ TEAR 711

MYRON/ BEAM 712

SATI 713

LED DOT BEAM, DOT DOME/FROST 714

Aluminium Profiles

LINILINE

LINILINE RC Al.Profile 718

LINILINE RCAG Al.Profile 720

LINILINE TR Al.Profile 722

LINILINE TRAG Al.Profile 724

LINILINE SF Al.Profile 726

LINILINE SFAG Al.Profile 728

LINILINE PD Al.Profile 730

LINILINE PDAG Al.Profile 732

LINILINE PD Direct/Indirect Al.Profile 734

LINILINE PDAG Direct/Indirect Al.Profile 736

OUTLINER

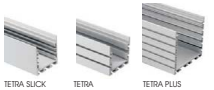
OUTLINER 50 Al.Profile 740

OUTLINER 40 Al.Profile 742

OUTLINER 30 Al.Profile 744

OUTLINER 20 Al.Profile 746

TETRA SLICK
TETRA
TETRA PLUS



TETRA SLICK Al.Profile 750

TETRA Al.Profile 753

TETRA PLUS Al.Profile 757

LUMINET Al.Profile 760

LIGUA

LIGUA 1 Al.Profile 762

LIGUA 2 Al.Profile 763

LINART Al.Profile 764

JOY Al.Profile 766

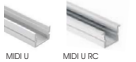
U TYPE Al.Profile 767

ELECSIA Al.Profile 768

OMEGA Al.Profile 770

LUNGO Al.Profile 771

MIDI U



MIDI U Al.Profile 772

MIDI U RC Al.Profile 773

MINI U

MINI U Al.Profile 774

MINI U RC Al.Profile 775

ELITE Al.Profile 776

ELECSYS Al.Profile 778

SHALLOW Al.Profile 779

BENDABLE Al.Profile 780

TINY Al.Profile 781

NEST

NEST XL Al.Profile 782

NEST Al.Profile 784

CORNISE Al.Profile 785

ARC

ARC Al.Profile 786

ARC2 Al.Profile 788

ARC3 Al.Profile 790

INGRA
INGRA MINI

INGRA Al.Profile 792

INGRA MINI Al.Profile 793

ARTBAR Al.Profile 794

ARTTUBE Al.Profile 795

CORNER

CORNER II Al.Profile 796

CORNER 45 Al.Profile 797

V TYPE Al.Profile 798

CORNER ECO Al.Profile 799

STAIR DUE Al.Profile 800

TRIMLESS ECO Al.Profile 801

MANDI Al.Profile 802

Flexible LEDs

PRIME SERIES

PRIME Series HE 84LED/m 21W/m CRI80 804
PRIME Series 84LED/m 21W/m CRI80 805
PRIME Series 48LED/m 10W/m CRI80 806
PRIME Series 42LED/m 10W/m CRI80 807

SUPREME SERIES

SUPREME Series 168LED/m 20W/m CRI80 810
SUPREME Series 168LED/m 20W/m CRI90 811
TUNABLE WHITE 168LED/m 20W/m CRI80 812
TUNABLE WHITE 168LED/m 20W/m CRI90 813
SUPREME Series 140LED/m 15W/m CRI80 814
SUPREME Series 140LED/m 15W/m CRI90 815
SUPREME Series 140LED/m 10W/m CRI80 816
SUPREME Series 140LED/m 10W/m CRI90 817
SUPREME Series 140LED/m 5W/m CRI80 818
SUPREME Series 140LED/m 5W/m CRI90 819
SUPREME Series 70LED/m 10W/m CRI80 822
SUPREME Series 70LED/m 10W/m CRI90 823
SUPREME Series 70LED/m 5W/m CRI80 824
SUPREME Series 70LED/m 5W/m CRI90 825
SUPREME Series 70LED/m 3W/m CRI80 826
SUPREME Series 70LED/m 3W/m CRI90 827
SUPREME Series 60LED/m 20W/m CRI80 828
SUPREME Series 60LED/m 20W/m CRI90 829
SUPREME Series 30LED/m 10W/m CRI80 830
SUPREME Series 30LED/m 10W/m CRI90 831
SUPREME Series 60LED/m Thermal Management 833

WIRELESS, DMX512

WIRELESS CONTROL 32LED/m 834
DMX512 DIRECT CONTROL 32LED/m 835

STANDARD SERIES

STANDARD Series 192, 144LED/m R+G+B+W 1by1 836
STANDARD Series 84, 60, 48LED/m RGBWW+RGBCW 4in1 837
STANDARD Series 96, 60LED/m RGB+WW 3chip 838
STANDARD Series 96LED/m RGB in1 3chip 839
STANDARD Series 60LED/m RGB in1 3chip 840
STANDARD Series 30LED/m RGB in1 3chip 841
STANDARD Series 60LED/m 3chip Monochromatic 842
STANDARD Series 30LED/m 3chip Monochromatic 843
STANDARD Series 120LED/m Monochromatic 844
STANDARD Series 60LED/m Monochromatic 845
STANDARD Series 30LED/m Monochromatic 846

5mm WIDTH BENDABLE VARIABLE ANGLE

5mm WIDTH 96LED/m 847
WW BENDABLE 60LED/m 848
VARIABLE ANGLE 60, 70LED/m 849

SIDE EMITTING

SIDE EMITTING 60LED/m RGB in1 850
SIDE EMITTING 120LED/m Monochromatic 850

CONNECTORS ACCESSORIES 851

MILKY SERIESS

FLAT H MILKY LED 854
SLIM H MILKY LED 868
TOP V MILKY LED 873
MINI TOP MILKY LED 885
BASELINE TWIST MILKY LED 891
BASELINE V MILKY LED 894
DOME MILKY LED 897

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Fiber Optics

LIGHT ENGINES

METAL HALIDE LIGHT ENGINE 902
HALOGEN LIGHT ENGINE 902
IP43 LIGHT ENGINE 902
DMX LED 80W IP43 LIGHT ENGINE 902
DMX LED 40W & 80W LIGHT ENGINES 903
DMX LED 10W LIGHT ENGINES 903
ACCESSORIES 903

FIBER OPTICS

SINGLE 904
SINGLE with BLACK PVC JACKET 904
SINGLE & MULTI SIDE EMITTING 904
MULTI-STRING END LIGHT 905
MULTI-STRING SIDE LIGHT 905
SOLID SIDE LIGHT 905
SOLID END LIGHT 905

END PIECES

CABINET END PIECE 906
CRYSTAL END PIECE 906
CEILING END PIECE 907
BURIED END PIECE 907

FIBER OPTIC KIT / 5mm 908

Lamps and More

REFIT MODULES

REFIT MODULE 10 IP44 910
REFIT MODULE 6 IP44 911
REFIT WD6 IP44 912

LED LAMPS SORAA

GU10 LED lamps SORRA 913
GU10 LED lamps SORRA 914
SNAP System LED Accessories SORRA 915

LED LAMPS SYLVANIA

GU10 LED lamps SYLVANIA 916
MR16 LED lamps SYLVANIA 917
T8/T5 LED lamps SYLVANIA 918
GLS/CANDLE LED lamps SYLVANIA 919

HOMOGENEOUS 5VDC 920

LED MODULES

LED MODULE RGB 920
LED MODULE SAMSUNG 921
CHAIN WASH LED Module 20x70deg 922

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Lighting Management, Power Supplies & Controllers

ARLIC 924
Control Panels 926
Accessories 927
DMR Trailing Edge Dimmers
DMR.730 928
DMR.731 930
DIN RAIL Trailing Edge Dimmers 931
Analogue to DMX Merger Converter 932
DMX to 1-10V & DMX to 0-10V 932
4ch DALI/DSI to DMX Interface 932
1ch DMX to DALI Interface 932
PIR Motion Detector 933
BLUETOOTH
Bluetooth Xpress Wireless 934
Bluetooth 4ch PWM 935
Bluetooth 4ch PWM 936
Bluetooth 4 Push Button 937
BLUETOOTH
Bluetooth Trailing Edge 938
Bluetooth to 0-10V, 1-10V or DALI 939
Bluetooth to DALI 940
Bluetooth 1ch Relay Switch (ICR) 941
Bluetooth 2ch Relay Switch 942
Bluetooth DALI interface 943
Bluetooth Sensor 943
6ch DMX IR Remote Control 944
4ch RGBW Touch DMX & PWM 12/24V Output 944
3ch DMX Output CHAMELEON Const.Volt. 944
Inrush Current Limiter 300ms 230VAC 945
Inrush Current Limiter 300ms 180-264VAC / 16A 945
EMERGENCY Light KIT
Emerg.KIT for Const.Volt or Const. Current LED 946
Emerg.KIT for 12V LED Lamps GU5.3 947
Emerg.KIT for 230V LED Lamps GU10 948
Dimmable Electronic Transformer 949
Cables & Connectors 950
IP65 & IP68 Connectors 952
Extension Cables & Splitters 954
LED Cables RGB & RGBW 955
PREMIUM Series Trailing 956
ACTOR BASE Trailing 957
DMX Merger Splitter 958
DMX Repeater 958
DMX512 RDM WiFi LED Contr. 958

Constant Voltage LED Drivers

5ch DMX/RDM 960
4ch DMX512/ RDM Dim. 961
4ch RGBW DMX 961
3ch DMX Dim. Converters 962
3ch RGB DMX Dim. 962
3ch RGB DMX Dim. IR Remote Control 962
1ch Dim. LED Driving Converters 963
DMX to Const.Volt. Converters 964
4ch RGBW Booster 965
3ch RGB Booster 965
1ch Boosters 965
DMX/RDM, DALI-2 DT6/DT8 RGBW High Frequency 966
DALI DT8 RGBW High Frequency 966
DALI DT8 Dual Colour 966
DALI to Const.Volt. 967
DALI, 1-10V to Const.Volt. 968
1ch High IP Rated Dim. DALI 969
1ch High IP Rated Ultra Thin 970
1ch High IP Rated 1-10V Dim 971
1ch Dim. 1-10V 972
1ch DIM. 1-10V & Push Switch 972
1ch Phase Cut Leading or Trailing Edge 973
1ch LED Dimmer-Drivers 974
1ch Dim. 1-10V Potentiometer 974
6 zones RGB/RGBW RF Remote Control 975
3ch RGB Dim. RF Remote Control 975
5 zones Monochromatic RF Remote Control 976
1ch RF Remote Control 976
1ch High IP Rated 977
1ch DIN RAIL 980

Constant Current LED Drivers

4ch DMX to Const.Current 982
4ch DMX512 RDM Decoder 982
DMX TW Single Output 2ch 983
2ch DMX to Const.Current 983
DMX RGBW 983
1ch DMX to Const.Current 984
1ch DMX/RDM to Const. Current 984
1ch DMX to Const.Current 985
1ch DMX / 1-10V / Push Dim. 986
1ch LED Boosters 986
1ch DMX WD Amplitude Dim. 987
DALI TD8 4ch TW 988
DALI TD8 4ch RGBW 988
4ch DALI to Const.Current 989
2ch DALI to Const.Current 989
1ch DALI to Const.Current or Const.Volt. 990
1ch DALI to Const.Current 991
1ch DALI WD Amplitude Dim. 992
1ch DALI / 1-10V / Push WD 994
1ch DALI WD NFC Progrm. Amplitude Dim. 996
1ch DALI Dim. IP68 Amplitude Dir 997
1ch Dim. 1-10V Const.Current or Const.Volt. 998
1ch Dim. 1-10V & Leading or Trailing Edge 1000
1ch Dim. 1-10V Potentiometer 1000
1ch Dim. 1-10V 1001
1ch 1-10V Dim. 1002
1ch 1-10V WD Amplitude Dim. 1003
1ch 1-10V Dim. IP68 1004
1ch Leading or Trailing Edge Phase Cut 1005
1ch Leading or Trailing Edge Phase Cut 1006
1ch Phase Cut WD Amplitude Dim. 1008
1ch Multi Power 1011
1ch 350-700mA Small Size 1016
1ch 200-1050mA 1017

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EXTERIOR LINEAR

ELECTRON

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PROTAGON

Exterior Linear

Protagon Series of wall washers is the highest in performance of all wall washers offered.
It is designed to highlight buildings with grand presence that stand out from their surroundings.

- **Unit pitch:** 6 cm. Pitch is maintained between luminaries.
- **Control:** DMX-512. Galvanic isolated.
- **DMX Resolution:** Normal (8bit), High (16bit).
- **Dimming Steps:** 65535 steps, for very smooth dimming.
- **DMX Channels:** User selectable from 2 channels (for all groups) up to 5 channels /per group.
- **Dimming Curves:** Linear, Logarithmic, Square.
- **Gamma correction:** Yes. From 2,5 to 1/2,5 in steps of 0,1.
- **Anti-glare:** Optional Anti-glare accessory.
- **Setup:** From external Setup Programmer.
- **Over temperature protection:** The wattage of the LED is automatically readjusted in case the temperature exceeds safety levels.
- **Ingress Protectionon:** IP66
- **Connectors:** Input, Output connectors for power supply and DMX signal.
- **Power Factor:** >0.98
- **Operation Ambient temperature:** -25ºC / +50ºC.
- **Power Supply:** 90-277VAC 50-60Hz
- **Weight 60/90/120/150cm:** 6,41 / 10,44 / 11,80 / 15,14kgs
- **IK Rate:** IK04

No. of LEDs per 60cm:
- 10x4 LEDs (4in1) for Monochromatic and Tunable White models.
- 10 multi colour LEDs (4in1) for RGBW models.

L90/B10 50000h RGBW

Monochromatic:
L90/B10 50000h Red, Green, Blue
L70/B10 50000h Amber
L70/B10 36000h White

Marine Type

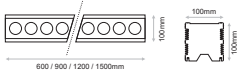
PROTAGON is also available in Marine type with the following characteristics:

Powder Coating:
✓ Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.

Exterior Durability:
✓ Meets qualicoat class 2 requirements after 3 years Florida
✓ Meets AAMA 2604-13 requirements after 5 years Florida

High Resistance to:
✓ Weather, ✓ UV, ✓ Water and mould growth

WEATHER RESISTANT



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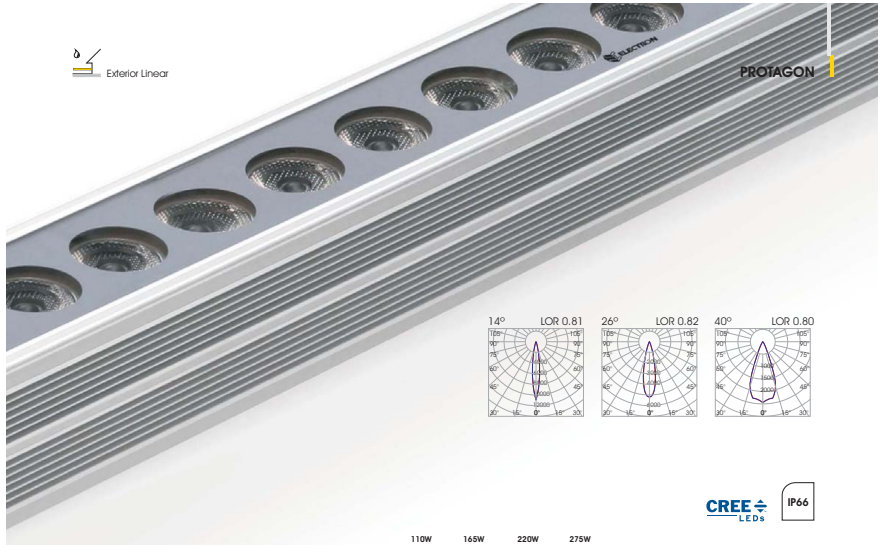
ELECTRON

Exterior Linear



CREE LEDs

IP66

Model	Luminaire Colour**		CCT - CRI		110W LED Source	165W LED Source	220W LED Source	275W LED Source	Beam Angle	Watt / Length
PROTAGON (PROTAGON)	Grey	(GR)	2700K - 80CRI	[2780]	8120lm	12180lm	16240lm	20300lm	14º (14)	110W / 60cm (110W060)
	Marine Type	(MT)	2700K - 90CRI	[2790]	6120lm	9180lm	12240lm	15300lm	26º (26)	165W / 90cm (165W090)
			3000K - 80CRI	[3080]	8680lm	13020lm	17360lm	21700lm	40º (40)	220W / 120cm (220W120)
			3000K - 90CRI	[3090]	6640lm	9960lm	13280lm	16600lm		275W / 150cm (275W150)
			4000K - 80CRI	[4080]	8680lm	13020lm	17360lm	21700lm		
			6500K - 70CRI	[6570]	9880lm	14820lm	19760lm	24700lm		
			Red	[RD]	6360lm	9540lm	12720lm	15900lm		
			Green	[GR]	10860lm	16280lm	21710lm	27140lm		
			Blue	[BL]	3250lm	4880lm	6504lm	8130lm		
			Amber	[AM]	6360lm	9540lm	12720lm	15900lm		
			Tunable WC 4in1	[WC4*]	8990lm	13480lm	17970lm	22460lm		
			RGBW	[RGBW]	4200lm	6300lm	8400lm	10500lm		

***WC4:** Tunable 2700K-6500K 4in1
** Available in RAL coulours upon request.

Ordering Code Example: PROTAGON-GR-3080-14-165W090

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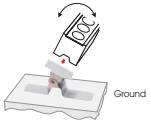
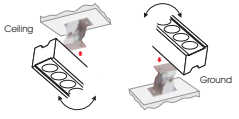
1. Movable Ground Bracket

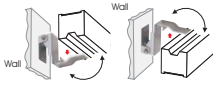


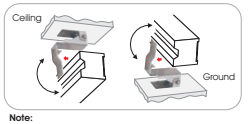
2. Fixed Ceiling or Ground Bracket



3. Fixed 10cm Wall Bracket Type A & Type B

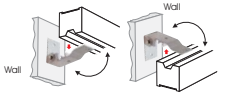
Type A

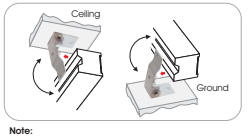




Note:
Can be used for permanent installation in ceiling or ground

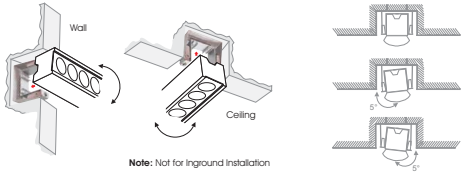
Type B





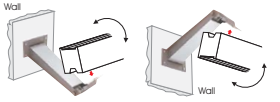
Note:
Can be used for permanent installation in ceiling or ground

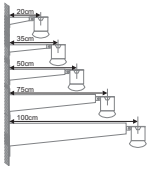
4. Recessed Bracket ±5°



Note: Not for Inground Installation

5. Fixed 20 ,35 ,50 ,75 ,100cm Wall Bracket

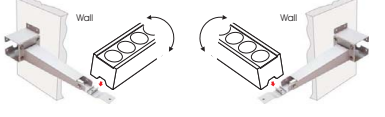




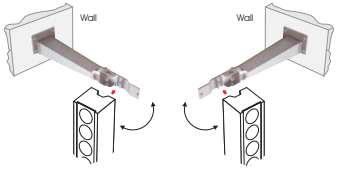
Accessories for other ways of installing 35 ,50 ,75 ,100cm Wall Bracket

Accessory A

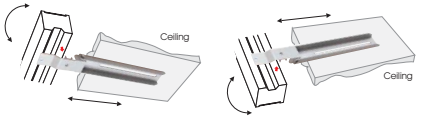
Accessory B



6. Adaptor for Vertical Wall Installation



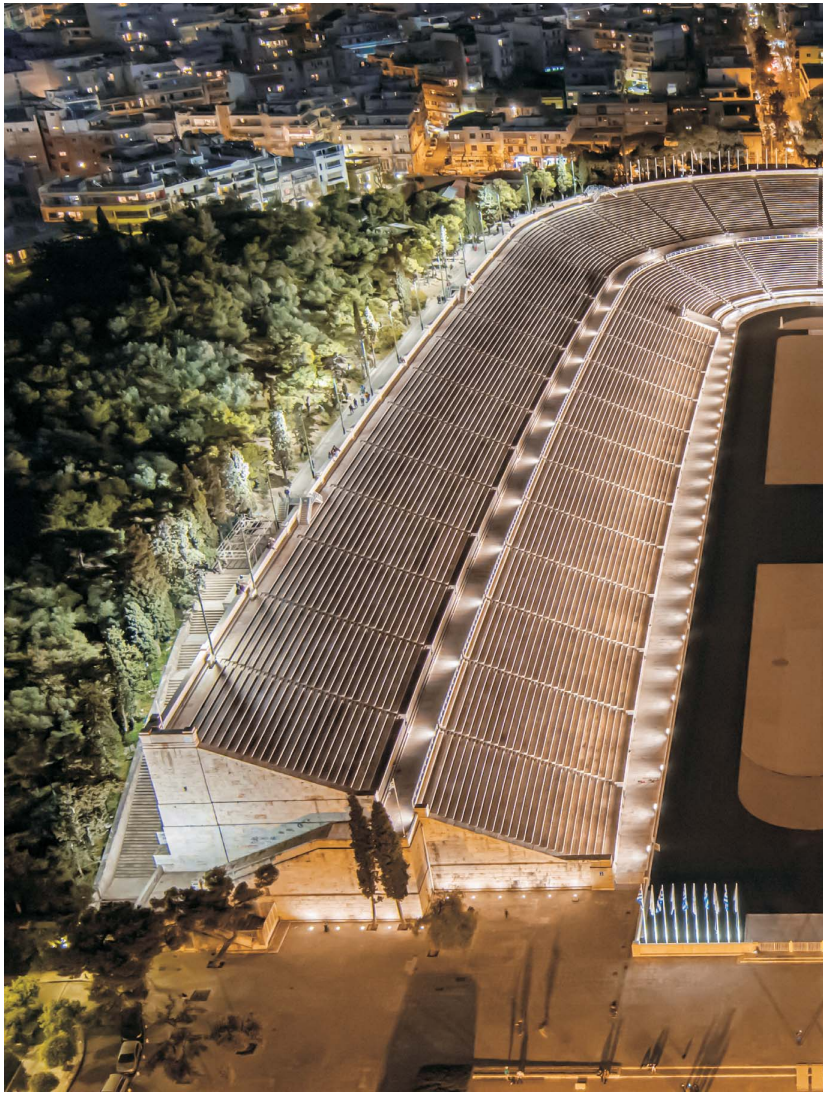
7. Slide Bracket



8. Antiglare Accessory

9. DMX SET UP Programmer

PRG.001



Panathenaic Stadium, Athens, Greece
Lighting Design: artic-design
Photo: Dionisis Koutsis

AWARD:
Best Project in 2022 Casambi Awards

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ELEGANT MAX II

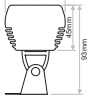
Exterior Linear

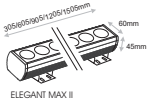
Elegant Max II is the new model of Elegant series, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 30.5cm offered in extra version only). It is available upon request in different RAL colours.

L90/B10 50.000h
for monochromatic models

L70/B10 50.000h
for RGBW models

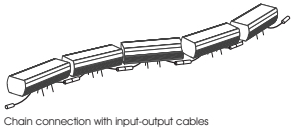
ELEGANT MAX II 30.5cm





ELEGANT MAX II

ELEGANT MAX II 30.5cm



Chain connection with input-output cables
(for 30.5cm only in standard version)

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ELECTRON

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted
LED light source:	High power RGBW 4in1LEDs
Optics:	Monochrome, Tunable White (2in1): 8°
	Monochrome, Tunable White (2in1), RGBW, RGBA: 12°, 22°, 45°, 60°, 12°x40°, 15°x50°, 15°x80°, 40°x12°, 50°x15°, 80°x15°
Lengths:	30.5cm / 60.5cm / 90.5cm / 120.5cm / 150.5cm
No. of LEDs 30.5cm / 60.5cm	
90.5cm / 120.5cm / 150.5cm:	6 leds / 12 leds / 18 leds / 24 leds / 30 leds
Pitch:	50 mm (Pitch is maintained between luminaries)
Power supply:	Constant voltage 24VDC
Power:	30.5cm:17.5W / 60.5cm:35W / 90.5cm:52.5W / 120.5cm:70W / 150.5cm:87.5W
Ingress protection:	IP66
Operation Ambient temperature:	-25ºC to +50ºC.

Materials:

Main body:	Natural anodized anticorodal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-Iron glass.
Finishes (End caps):	Anticorodal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 66. Fire resistance V-0 (only for standard version, not ECO).
Screw Vent:	PC
Pressure equalization:	Screw Vent (Breather) 190ml/min@0,07bar.
Cable gland:	Nickeled brass. IP68.
Printed circuit:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel.

Accessories Materials:

Ground brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:	Meets qualicoat class 2 requirements after 3 years Florida
	Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth

WEATHER RESISTANT

IP66

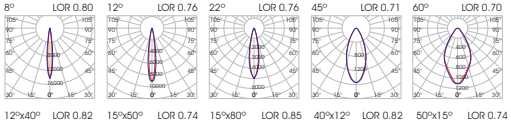
Model	Luminaire Colour*	Colour - CCT		17.5W LED Source	35W LED Source	52.5W LED Source	70W LED Source	87.5W LED Source	Beam Angle	Watt / Length	Voltage
ELEGANT MAX II *(ELEGANT MAX II)*	Anodized *(AN)*	2700K-80CRI	*(2780)*	1690lm	3380lm	5070lm	6760lm	8450lm	8°***	*(08)*	17.5W / 30.5cm *(18W031)*	24VDC *(24)*
		2700K-90CRI	*(2790)*	1390lm	2780lm	4170lm	5560lm	6950lm	12°	*(12)*	35W / 60.5cm *(35W061)*	
	Marine Type *(MT)*	3000K-80CRI	*(3080)*	1690lm	3380lm	5070lm	6760lm	8450lm	22°	*(22)*	52.5W / 90.5cm *(53W091)*	
		3000K-90CRI	*(3090)*	1480lm	2960lm	4440lm	5920lm	7400lm	45°	*(45)*	70W / 120.5cm *(70W121)*	
		4000K-80CRI	*(4080)*	1870lm	3740lm	5610lm	7480lm	9350lm	60°	*(60)*	87.5W / 150.5cm *(88W151)*	
		4000K-90CRI	*(4090)*	1580lm	3160lm	4740lm	6320lm	7900lm	12°x40°	*(1240)*		
		5700K-80CRI	*(5780)*	1870lm	3740lm	5610lm	7480lm	9350lm	15°x50°	*(1550)*		
		5700K-90CRI	*(5790)*	1690lm	3380lm	5070lm	6760lm	8450lm	15°x80°	*(1580)*		
									40°x12°	*(4012)*		
									50°x15°	*(5015)*		
		RGBW (3000K)	*(RGBW30)*	905lm	1810lm	2715lm	3620lm	4525lm	80°x15°	*(8015)*		
		RGBW (4000K)	*(RGBW40)*	920lm	1840lm	2760lm	3680lm	4600lm				
		RGBA (Amber)	*(RGBA)*	795lm	1590lm	2385lm	3180lm	3975lm				
		Tunable WC 2in1	*(WC2**)*	1200lm	2400lm	3600lm	4800lm	6000lm				

* Available in RAL coulours upon request.
** **WC2:** Tunable 2700K-6500K 2in1
*** 8° only for Monochromatic & Tunable models.

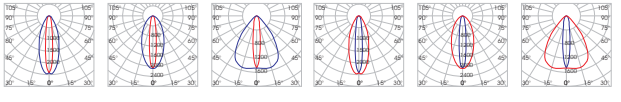
Ordering Code Example: *ELEGANT MAX II-AN-RGBW30-45-70W121-24*

Monochrome / TW — C0 — C90

8° LOR 0.80 | 12° LOR 0.76 | 22° LOR 0.76 | 45° LOR 0.71 | 60° LOR 0.70

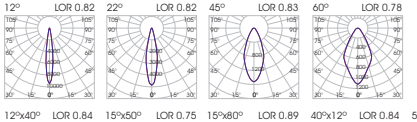


12°x40° LOR 0.82 | 15°x50° LOR 0.74 | 15°x80° LOR 0.85 | 40°x12° LOR 0.82 | 50°x15° LOR 0.74 | 80°x15° LOR 0.85



RGBW / RGBA — C0 — C90

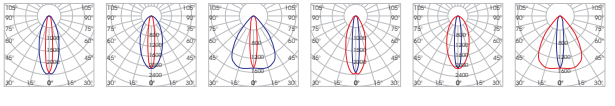
12° LOR 0.82 | 22° LOR 0.82 | 45° LOR 0.83 | 60° LOR 0.78



12°x40°	C0:12°	C90:40°
15°x50°	C0:15°	C90:50°
15°x80°	C0:15°	C90:80°

40°x12°	C0:40°	C90:12°
50°x15°	C0:50°	C90:15°
80°x15°	C0:80°	C90:15°

12°x40° LOR 0.84 | 15°x50° LOR 0.75 | 15°x80° LOR 0.89 | 40°x12° LOR 0.84 | 50°x15° LOR 0.75 | 80°x15° LOR 0.89



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Accessories

Fixed 5,10,20,30cm Wall brackets
INOX-316 powder coated (as extra)

Antiglare accessory
(as extra)

Ground brackets

Ground bracket
INOX-304
(as standard)

Ground bracket
INOX-316
powder coated
(as extra)

Ground bracket (for 30,5cm)
INOX-304
(as standard)

Ground bracket (for 30,5cm)
INOX-316
powder coated
(as extra)

Input & Output cables

Input cable
with IP connectors
(as standard
for 60.5/90.5/
120.5/150.5cm)

Output cable
with IP connector
(30.5cm only available
in this version)
(as extra for 60.5/90.5/
120.5/150.5cm)

Extension cables with connectors IP68
Lengths: 100/200/300/500cm

Input & Output cables
(30.5cm only available in this version)

ELEGANT MAX

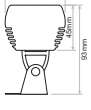
Exterior Linear

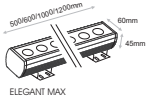
Elegant Max model of Elegant series, is ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 25-30cm offered in extra version only). It is available upon request in different RAL colours.

L90/B10 50.000h
for monochromatic models

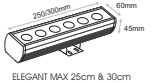
L90/B10 50.000h
for RGB, RGBW, R, G, B models

ELEGANT MAX 25cm & 30cm

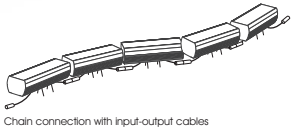




ELEGANT MAX



ELEGANT MAX 25cm & 30cm



Chain connection with input-output cables
(for 25/30cm only in standard version)

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

ELECTRON

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted
LED light source:	High power CREE LEDs
Optics:	Monochrome, Tunable White (1in1), RGB (1in1): 10°, 25°, 45°, 40°x10° (25 & 30cm only available in monochromatic), Tunable white (3in1), RGB (3in1), RGBW (4in1): 25°, 40°x10°
Lengths:	25cm, 30cm, 50cm, 60cm, 100cm, 120cm
No. of LEDs 100, 120cm / 50, 60cm:	Monochrome, Tunable White (1in1), RGB(1in1): 24 leds / 12 leds Tunable White (3in1), RGB (3in1): 72 leds / 36 leds RGBW (4in1): 96 leds / 48 leds
No. of LEDs 25cm & 30cm:	Monochrome: 6 leds
Pitch for 25cm, 50cm, 100cm:	41.65 mm (Pitch is maintained between luminaries)
Pitch for 30cm, 60cm, 120cm:	50 mm (Pitch is maintained between luminaries)
Power supply:	Constant voltage 24VDC
Power:	25cm, 30cm: 17.5W / 50cm, 60cm: 35W / 100cm, 120cm: 70W
Ingress protection:	IP66
Operation Ambient temperature:	-25ºC to +50ºC.
Weight 25/30/50/60/100/120cm:	0,85 / 1,00 / 1,70 / 2,00 / 3,13 / 3,74kgs (standard models)

Materials:

Main body:	Natural anodized anticorodal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-Iron glass.
Finishes (End caps):	Anticorodal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 66. Fire resistance V-0 (only for standard version, not ECO).
Screw Vent:	PC
Pressure equalization:	Screw Vent (Breather) 190ml/min@0,07bar.
Cable gland:	Nickeled brass. IP68.
Printed circuit:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel.

Accessories Materials:

Ground brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durabiliy:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth

WEATHER RESISTANT

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

CREE LEDs

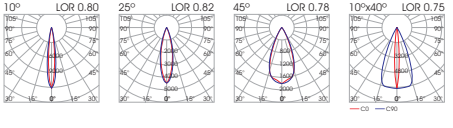
IP66

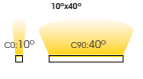
Model	Luminaire Colour**	CCT*** - CRI		17.5W LED Source	35W LED Source	70W LED Source	Beam Angle	Watt / Length***	Voltage
ELEGANT MAX *(ELEGANT MAX)*	Anodized *(AN)*	2700K - 80CRI	*[2780]*	*1690lm*	*3370lm*	*6750lm*	10° *[10]*	17.5W / 25cm *(18W025)*	24VDC *(24)*
	Marine Type *(MT)*	2700K - 90CRI	*[2790]*	*1390lm*	*2780lm*	*5560lm*	25° *[25]*	17.5W / 30cm *(18W030)*	
		3000K - 80CRI	*[3080]*	*1780lm*	*3560lm*	*7110lm*	45° *[45]*	35W / 50cm *(35W050)*	
		3000K - 90CRI	*[3090]*	*1480lm*	*2960lm*	*5930lm*	10°x40° *[40]*	35W / 60cm *(35W060)*	
		4000K - 80CRI	*[4080]*	*1870lm*	*3740lm*	*7480lm*		70W / 100cm *(70W100)*	
		4000K - 90CRI	*[4090]*	*1690lm*	*3370lm*	*6750lm*		70W / 120cm *(70W120)*	
		5700K - 80CRI	*[5780]*	*1870lm*	*3740lm*	*7480lm*			
		5700K - 90CRI	*[5790]*	*1690lm*	*3370lm*	*6750lm*			
		6500K - 80CRI	*[6580]*	*1870lm*	*3740lm*	*7480lm*			
		Tunable WC 1in1	*[WC1*]*	-	*3560lm*	*7110lm*			
		Tunable WNC 1in1	*[WNC1*]*	-	*2950lm*	*5900lm*			
		Red	*[RD]*	*920lm*	*1840lm*	*3670lm*			
		Green	*[GR]*	*1650lm*	*3300lm*	*6600lm*			
		Blue	*[BL]*	*470lm*	*940lm*	*1870lm*			
		Amber	*[AM]*	*1010lm*	*2030lm*	*4060lm*			
		RGB 1in1	*[RGB1]*	-	*1430lm*	*2850lm*			
		Tunable WNC 3in1	*[WNC3*]*	-	*2700lm*	*5400lm*	25° *[25]*		
		RGB 3in1	*[RGB3]*	-	*2500lm*	*4990lm*	10°x40° *[40]*		
		RGBW 4in1	*[RGBW]*	-	*2650lm*	*5310lm*			
		RGBA 4in1	*[RGBA]*	-	*2450lm*	*4890lm*			

***WC1:** Tunable 2700K-6500K 1in1
***WNC1:** Tunable 2700K-4000K-6500K 1in1
***WNC3:** Tunable 2700K-4000K-6500K 3in1

** Available in RAL coulours upon request
*** 25cm & 30cm only available monochromatic

Ordering Code Example: *ELEGANT MAX-AN-3090-45-70W100-24*





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ELECTRON

Accessories

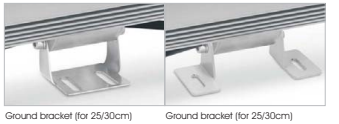
Fixed 5,10,20,30cm Wall brackets
INOX-316 powder coated (as extra)

Antiglare accessory
(as extra)

Ground brackets

Ground bracket
INOX-304
(as standard)

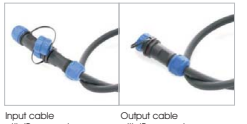
Ground bracket
INOX-316
powder coated
(as extra)



Ground bracket (for 25/30cm)
INOX-304
(as standard)

Ground bracket (for 25/30cm)
INOX-316
powder coated
(as extra)

Input & Output cables

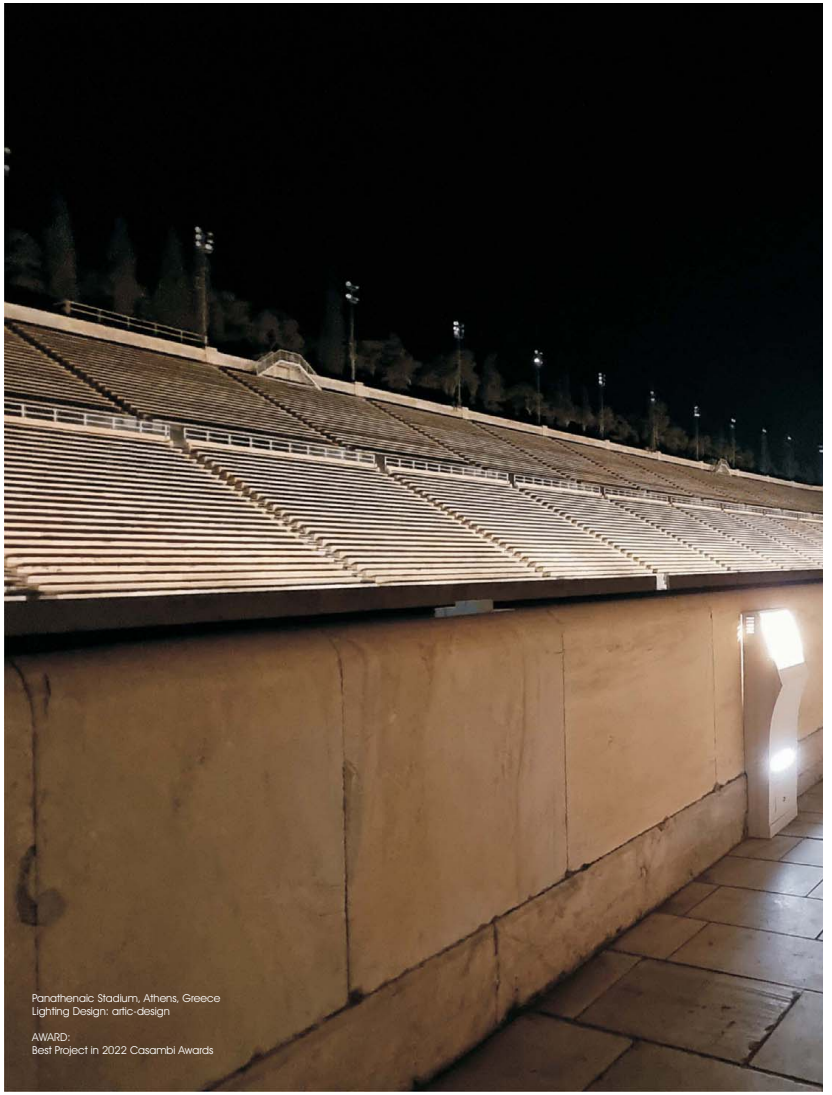


Input cable
with IP connectors
(as standard
for 50/60/100/120cm)

Output cable
with IP connector
(20/30cm only available
in this version)
(as extra for 50/60/100/120cm)

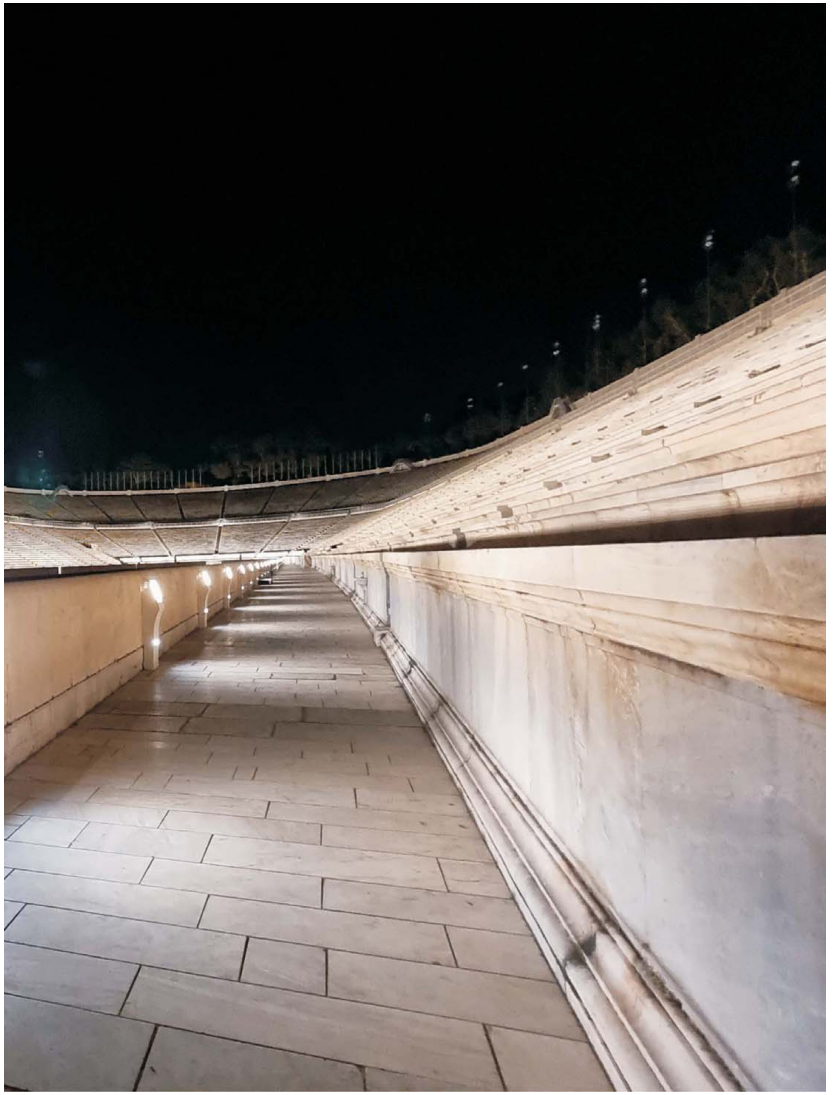
Extension cables with connectors IP68
Lengths: 100/200/300/500cm (as extra for 25/30cm)

Input & Output cables
(25/30cm only available in this version)



Panathenaic Stadium, Athens, Greece
Lighting Design: artic-design

AWARD:
Best Project in 2022 Casambi Awards



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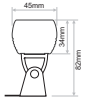
ELEGANT MIDI

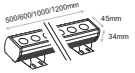
Exterior Linear

Elegant MIDI is in the middle range in performance model of Elegant series, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 25-30cm offered in extra version only). It is available upon request in different RAL colours.

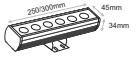
L90/B10 50.000h
for monochromatic models
L90/B10 50.000h
for RGB, RGBW, R, G, B models

ELEGANT MIDI 25cm & 30cm

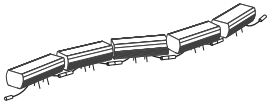




ELEGANT MIDI



ELEGANT MIDI 25cm & 30cm



Chain connection with input-output cables
(for 25/30cm only in standard version)

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ELECTRON

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted
LED light source:	High power CREE LEDs
Optics:	Monochrome, Tunable White (1in1), RGB (1in1): 10°, 25°, 45°, 40°x10° (25 & 30cm only available in monochromatic), Tunable white (3in1), RGB (3in1), RGBW (4in1): 25°, 40°x10°
Lengths:	25cm, 30cm, 50cm, 60cm, 100cm, 120cm
No. of LEDs 100, 120cm / 50, 60cm:	Monochrome, Tunable White (1in1), RGB(1in1): 24 leds / 12 leds Tunable White (3in1), RGB (3in1): 72 leds / 36 leds RGBW (4in1): 96 leds / 48 leds
No. of LEDs 25cm & 30cm:	Monochrome: 6 leds
Pitch for 25cm, 50cm, 100cm:	41.65 mm (Pitch is maintained between luminaries)
Pitch for 30cm, 60cm, 120cm:	50 mm (Pitch is maintained between luminaries)
Power supply:	Constant voltage 24VDC
Power:	25cm, 30cm: 10W / 50cm, 60cm: 20W / 100cm, 120cm: 40W
Ingress protection:	IP66
Operation Ambient temperature:	-25ºC to +50ºC.
Weight 25/30/50/60/100/120cm:	0,55 / 0,65 / 1,10 / 1,28 / 2,00 / 2,34kgs (standard models)

Materials:

Main body:	Natural anodized anticorodal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-Iron glass.
Finishes (End caps):	Anticorodal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 66. Fire resistance V-0 (only for standard version, not ECO).
Screw Vent:	PC
Pressure equalization:	Screw Vent (Breather) 190ml/min@0,07bar.
Cable gland:	Nickeled brass. IP68.
Printed circuit:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel.

Accessories Materials:

Ground brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durabiliy:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth

WEATHER RESISTANT

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

CREE LEDs

IP66

Model	Luminaire Colour**	CCT*** - CRI		10W LED Source	20W LED Source	40W LED Source	Beam Angle	Watt / Length***	Voltage
ELEGANT MIDI *(ELEGANT MIDI)*	Anodized *(AN)*	2700K - 80CRI	*[2780]*	*1070lm*	*2130lm*	*4260lm*	10° *[10]*	10W / 25cm *(10W025)*	24VDC *(24)*
	Marine Type *(MT)*	2700K - 90CRI	*[2790]*	*880lm*	*1760lm*	*3510lm*	25° *[25]*	10W / 30cm *(10W030)*	
		3000K - 80CRI	*[3080]*	*1120lm*	*2250lm*	*4490lm*	45° *[45]*	20W / 50cm *(20W050)*	
		3000K - 90CRI	*[3090]*	*940lm*	*1870lm*	*3740lm*	10°x40° *[40]*	20W / 60cm *(20W060)*	
		4000K - 80CRI	*[4080]*	*1180lm*	*2360lm*	*4720lm*		40W / 100cm *(40W100)*	
		4000K - 90CRI	*[4090]*	*1070lm*	*2130lm*	*4260lm*		40W / 120cm *(40W120)*	
		5700K - 80CRI	*[5780]*	*1180lm*	*2360lm*	*4720lm*			
		5700K - 90CRI	*[5790]*	*1070lm*	*2130lm*	*4260lm*			
		6500K - 80CRI	*[6580]*	*1180lm*	*2360lm*	*4720lm*			
		Tunable WC 1in1	*[WC1*]*	-	*2250lm*	*4490lm*			
		Tunable WNC 1in1	*[WNC1*]*	-	*1690lm*	*3370lm*			
		Red	*[RD]*	*580lm*	*1160lm*	*2320lm*			
		Green	*[GR]*	*1160lm*	*2310lm*	*4620lm*			
		Blue	*[BL]*	*320lm*	*630lm*	*1260lm*			
		Amber	*[AM]*	*660lm*	*1320lm*	*2640lm*			
		RGB 1in1	*[RGB1]*	-	*920lm*	*1840lm*			
		Tunable WNC 3in1	*[WNC3*]*	-	*1900lm*	*3790lm*	25° *[25]*		
		RGB 3in1	*[RGB3]*	-	*1640lm*	*3280lm*	10°x40° *[40]*		
		RGBW 4in1	*[RGBW]*	-	*1620lm*	*3230lm*			
		RGBA 4in1	*[RGBA]*	-	*1530lm*	*3050lm*			

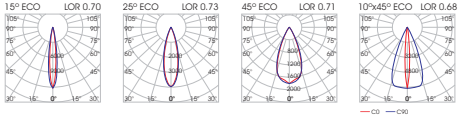
ECO

Model	Luminaire Colour**	CCT - CRI		20W LED Source	40W LED Source	Beam Angle	Watt / Length***	Voltage
ELEGANT MIDI ECO *(ELEGANT MIDI ECO)*	Anodized *(AN)*	2700K - 80CRI	*[2780]*	*2130lm*	*4260lm*	15° *[15]*	20W / 50cm *(20W050)*	24VDC *(24)*
	Marine Type *(MT)*	2700K - 90CRI	*[2790]*	*1760lm*	*3510lm*	25° *[25]*	20W / 60cm *(20W060)*	
		3000K - 80CRI	*[3080]*	*2250lm*	*4490lm*	45° *[45]*	40W / 100cm *(40W100)*	
		3000K - 90CRI	*[3090]*	*1870lm*	*3740lm*	10°x45° *[40]*	40W / 120cm *(40W120)*	
		4000K - 80CRI	*[4080]*	*2360lm*	*4720lm*			
		6500K - 80CRI	*[6580]*	*2360lm*	*4720lm*			
		Tunable WC 1in1	*[WC1*]*	*2250lm*	*4490lm*			
		Tunable WNC 1in1	*[WNC1*]*	*1690lm*	*3370lm*			
		Red	*[RD]*	*1160lm*	*2320lm*			
		Green	*[GR]*	*2310lm*	*4620lm*			
		Blue	*[BL]*	*630lm*	*1260lm*			
		Amber	*[AM]*	*1320lm*	*2640lm*			
		RGB 1in1	*[RGB1]*	*920lm*	*1840lm*			
		Tunable WNC 3in1	*[WNC3*]*	*1900lm*	*3790lm*	25° *[25]*		
		RGB 3in1	*[RGB3]*	*1640lm*	*3280lm*	10°x45° *[40]*		
		RGBW 4in1	*[RGBW]*	*1620lm*	*3230lm*			

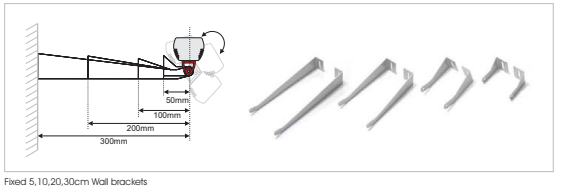
***WC1:** Tunable 2700K-6500K 1in1
***WNC1:** Tunable 2700K-4000K-6500K 1in1
***WNC3:** Tunable 2700K-4000K-6500K 3in1

** Available in RAL coulours upon request
*** 25cm & 30cm only available monochromatic

Ordering Code Example: *ELEGANT MIDI-AN-4080-25-40W120-24*



Accessories



Fixed 5,10,20,30cm Wall brackets
INOX-316 powder coated (as extra)

Antiglare accessory
(as extra)

Ground brackets

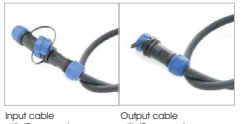
Ground bracket
INOX-304
(as standard)

Ground bracket
INOX-316
powder coated
(as extra)

Ground bracket (for 25/30cm)
INOX-304
(as standard)

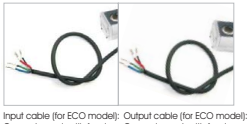
Ground bracket (for 25/30cm)
INOX-316
powder coated
(as extra)

Input & Output cables



Input cable
with IP connectors
(as standard
for 50/60/100/120cm)

Output cable
with IP connector
(20/30cm only available
in this version)
(as extra for 50/60/100/120cm)



Input cable (for ECO model):
Open wire ends with ferrules
(as standard
for 50/60/100/120cm)

Output cable (for ECO model):
Open wire ends with ferrules
(as extra
for 50/60/100/120cm)

Extension cables with connectors IP68
Lengths: 100/200/300/500cm (as extra for 25/30cm)

Input & Output cables
(25/30cm only available in this version)

ELEGANT MINI

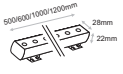
Exterior Linear

Elegant MINI is the slimmest and lower range in wattage model of Elegant series, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 25-30cm offered in extra version only). It is available upon request in different RAL colours.

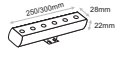
L80/B10 50.000h
for monochromatic models

L90/B10 50.000h
for RGB, R, G, B models

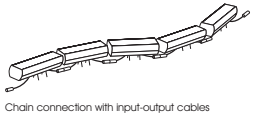
ELEGANT MINI 25cm & 30cm



ELEGANT MINI



ELEGANT MINI 25cm & 30cm



Chain connection with input-output cables
(for 25/30cm only in standard version)

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Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted
LED light source:	High power CREE LEDs
Optics:	Monochrome, Tunable White (1in1), RGB (1in1): 14°, 27°, 49°, 40°x13° (25 & 30cm only available in monochromatic),
Lengths:	25cm, 30cm, 50cm, 60cm, 100cm, 120cm
No. of LEDs 100, 120cm / 50, 60cm:	24 leds / 12 leds
No. of LEDs 25cm & 30cm:	6 leds
Pitch for 25cm, 50cm, 100cm:	41.65 mm (Pitch is maintained between luminaries)
Pitch for 30cm, 60cm, 120cm:	50 mm (Pitch is maintained between luminaries)
Power supply:	Constant voltage 24VDC
Power:	25cm, 30cm: 6.5W / 50cm, 60cm: 13W / 100cm, 120cm: 26W
Ingress protection:	IP66
Operation Ambient temperature:	-25ºC to +50ºC.
Weight 25/30/50/60/100/120cm:	0,27 / 0,35 / 0,532 / 0,680 / 0,970 / 1,120kgs (standard models)

Materials:

Main body:	Natural anodized anticorodal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-Iron glass.
Finishes (End caps):	Anticorodal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 66. Fire resistance V-0 (only for standard version, not ECO).
Pressure equalization:	Screw Vent (Breather) 190ml/min@0,07bar.
Cable gland:	Nickeled brass. IP68.
Printed circuit:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel.

Accessories Materials:

Ground brackets:	INOX-316 metal parts.
Wall brackets:	INOX-316 metal parts.
Antiglare:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durabiliy:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth

WEATHER RESISTANT

CREE LEDs

IP66

Model	Luminaire Colour**	CCT*** - CRI		6.5W LED Source	13W LED Source	26W LED Source	Beam Angle		Watt / Length***		Voltage
ELEGANT MINI	Anodized *(AN)*	2700K - 80CRI	*[2780]*	510lm	1030lm	2060lm	14°	*(14)*	6.5W / 25cm	*(07W025)*	24VDC *(24)*
(ELEGANT MINI)	Marine Type *(MT)*	2700K - 90CRI	*[2790]*	390lm	770lm	1550lm	27°	*(27)*	6.5W / 30cm	*(07W030)*	
		3000K - 80CRI	*[3080]*	550lm	1090lm	2190lm	49°	*(49)*	13W / 50cm	*(13W050)*	
		3000K - 90CRI	*[3090]*	420lm	840lm	1680lm	13°x40°	*(40)*	13W / 60cm	*(13W060)*	
		4000K - 80CRI	*[4080]*	550lm	1090lm	2190lm			26W / 100cm	*(26W100)*	
		6500K - 70CRI	*[6570]*	624lm	1250lm	1250lm			26W / 120cm	*(26W120)*	
		Tunable WC 1in1	*[WC1*]*	-	1140lm	2280lm					
		Tunable WNC 1in1	*[WNC1*]*	-	1260lm	2530lm					
		Red	*[RD]*	340lm	680lm	1360lm					
		Green	*[GR]*	770lm	1530lm	3070lm					
		Blue	*[BL]*	220lm	440lm	880lm					
		Amber	*[AM]*	420lm	840lm	1680lm					
		RGB 1in1	*[RGB1]*	-	650lm	1290lm					

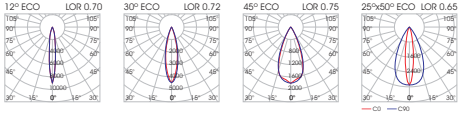
ECO

Model	Luminaire Colour**	CCT*** - CRI		6.5W LED Source	13W LED Source	26W LED Source	Beam Angle		Watt / Length***		Voltage
ELEGANT MINI ECO	Anodized *(AN)*	2700K - 80CRI	*[2780]*	510lm	1030lm	2060lm	12°	*(12)*	6.5W / 25cm	*(07W025)*	24VDC *(24)*
(ELEGANT MINI ECO)	Marine Type *(MT)*	2700K - 90CRI	*[2790]*	390lm	770lm	1550lm	30°	*(30)*	6.5W / 30cm	*(07W030)*	
		3000K - 80CRI	*[3080]*	550lm	1090lm	2190lm	45°	*(45)*	13W / 50cm	*(13W050)*	
		3000K - 90CRI	*[3090]*	420lm	840lm	1680lm	25°x50°	*(50)*	13W / 60cm	*(13W060)*	
		4000K - 80CRI	*[4080]*	550lm	1090lm	2190lm			26W / 100cm	*(26W100)*	
		6500K - 70CRI	*[6570]*	624lm	1250lm	1250lm			26W / 120cm	*(26W120)*	
		Tunable WC 1in1	*[WC1*]*	-	1140lm	2280lm					
		Tunable WNC 1in1	*[WNC1*]*	-	1260lm	2530lm					
		Red	*[RD]*	340lm	680lm	1360lm					
		Green	*[GR]*	770lm	1530lm	3070lm					
		Blue	*[BL]*	220lm	440lm	880lm					
		Amber	*[AM]*	420lm	840lm	1680lm					
		RGB 1in1	*[RGB1]*	-	650lm	1290lm					

***WC1:** Tunable 2700K-6500K 1in1
***WNC1:** Tunable 2700K-4000K-6500K 1in1

** Available in RAL colours upon request
*** 25cm & 30cm only available monochromatic

Ordering Code Example: *ELEGANT MINI-AN-6570-14-13W060-24*



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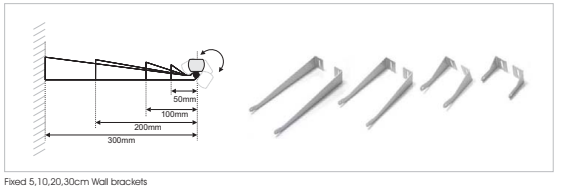
Accessories



Fixed 5,10,20,30cm Wall brackets
INOX-316 powder coated (as extra)

Antiglare accessory
(as extra)

Ground brackets

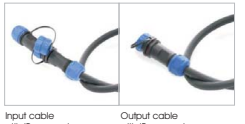
Ground bracket
INOX-304
(as standard)

Ground bracket
INOX-316
powder coated
(as extra)

Ground bracket (for 25/30cm)
INOX-304
(as standard)

Ground bracket (for 25/30cm)
INOX-316
powder coated
(as extra)

Input & Output cables



Input cable
with IP connectors
(as standard
for 50/60/100/120cm)

Output cable
with IP connector
(20/30cm only available
in this version)
(as extra for 50/60/100/120cm)

Input cable (for ECO model)
Open wire ends with ferrules
(as standard
for 50/60/100/120cm)

Extension cables with connectors IP68
Lengths: 100/200/300/500cm (as extra for 25/30cm)

Input & Output cables
(25/30cm only available in this version)

ELEGANT HV

Exterior Linear

Elegant HV incorporates the power supply in the luminaire itself. It is in the middle range in performance model of Elegant series, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector. It is available upon request in different RAL colours.

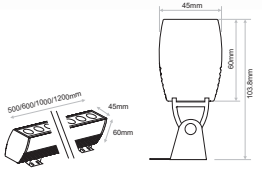
L80/B10 50.000h
for monochromatic models

Power Supply
220-240VAC / 50-60Hz

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted
LED light source:	High power CREE LEDs
Optics:	Monochrome: 10°, 25°, 45°, 40°x10°,
Lengths:	50cm, 60cm, 100cm, 120cm
No. of LEDs 100,120cm / 50, 60cm:	24leds / 12leds
Pitch for 50cm, 100cm:	41.65 mm (Pitch is maintained between luminaries)
Pitch for 60cm, 120cm:	50 mm (Pitch is maintained between luminaries)
Power supply:	(for all models of ELEGANT HV) 220-240VAC / 50-60Hz
Power:	50cm, 60cm: 18W/ 100cm, 120cm: 35W
Ingress protection:	IP66
Operation Ambient temperature:	-25°C to +50°C.
Weight 50/60/100/120cm:	1,71 / 1,95 / 3,08 / 3,37kgs (standard models)



Materials:

Main body:	Natural anodized anticorodal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-Iron glass.
Finishes (End caps):	Anticorodal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens
Gaskets:	Silicone rubber
Connector:	Nylon 66. Fire resistance V-0
Screw Vent:	PC
Pressure equalization:	Screw Vent (Breather) 190ml/min@0,07bar
Cable gland:	Nickeled brass. IP68.
Printed circuit:	Insulated metal substrate PCB
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel

Accessories Materials:

Ground brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth

WEATHER RESISTANT

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ELECTRON

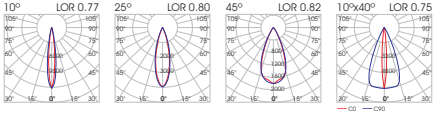
CREE LEDs

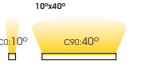
IP66

Model	Luminaire Colour*	CCT - CRI	18W LED Source	35W LED Source	Beam Angle	Watt / Length	Dimming Option
ELEGANT HV *(ELEGANT HV)*	Anodized *(AN)*	2700K - 80CRI *(2780)*	2260lm	4390lm	10° *(10)*	18W / 50cm *(18W050)*	Non-Dimmable *(ND)*
	Marine Type *(MT)*	2700K - 90CRI *(2790)*	1860lm	3620lm	25° *(25)*	18W / 60cm *(18W060)*	Analogue (1-10V) *(A1)*
		3000K - 80CRI *(3080)*	2380lm	4620lm	45° *(45)*	35W / 100cm *(35W100)*	DALI *(DL)*
		3000K - 90CRI *(3090)*	1980lm	3850lm	10°x40° *(40)*	35W / 120cm *(35W120)*	
		4000K - 80CRI *(4080)*	2500lm	4850lm			
		4000K - 90CRI *(4090)*	2260lm	4390lm			
		5700K - 80CRI *(5780)*	2500lm	4850lm			
		5700K - 90CRI *(5790)*	2260lm	4390lm			
		6500K - 80CRI *(6580)*	2500lm	4850lm			
		Red *(RD)*	1210lm	2350lm			
		Green *(GR)*	2480lm	4820lm			
		Blue *(BL)*	660lm	1290lm			
		Amber *(AM)*	1390lm	2700lm			

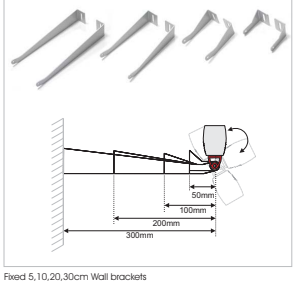
* Available in RAL coulours upon request.

Ordering Code Example:
ELEGANT HV-AN-4080-25-35W120-A1





Accessories



Fixed 5,10,20,30cm Wall brackets
INOX-316 powder coated (as extra)

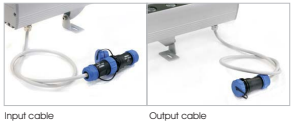
Antiglare accessory
(as extra)

Ground brackets

Ground bracket INOX-304
(as standard

Ground bracket INOX-316
powder coated (as extra)

Input & Output cables



Input cable
with IP68 connectors
(as standard)

Output cable
with IP68 connector
(as extra)

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al2 Showroom, Athens, Greece
Architect: Nikos Gilos

OUTLINER 50 IP67

Exterior Linear

Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

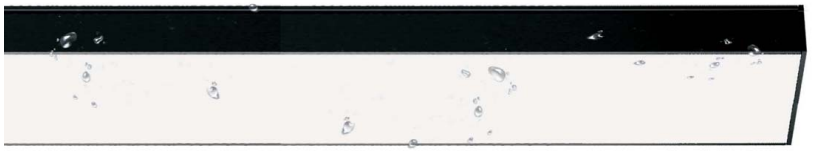
- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*



Seamless IP67

RESIN material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives.
	EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water.
	Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87.
	TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GS8 Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

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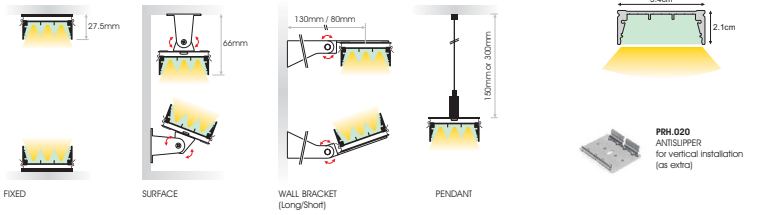
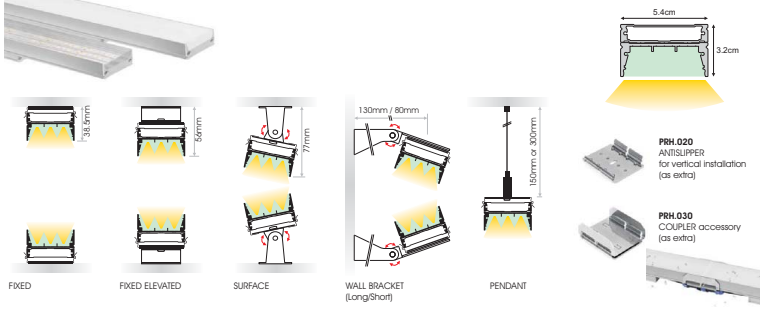
STANDARD



SEAMLESS



Connectors

Input cable with IP68 connectors supplied as standard.

In-Out cables & IP68 connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

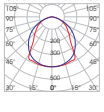
LIGHTSOURCE BY NICHIA for Monochromatic — IP67

Model*	Luminaire Colour**	CCT	CRI	Watt** / Length	Type	Voltage
OUTLINER 50 IP67 FIXED *(OUTLINER50-67F)* **OUTLINER 50 IP67 SURFACE** *(OUTLINER50-67S)* **OUTLINER 50 IP67 SHORT BRACKET 8cm** *(OUTLINER50-67B1)* **OUTLINER 50 IP67 LONG BRACKET 13cm** *(OUTLINER50-67B2)* **OUTLINER 50 IP67 PENDANT** *(OUTLINER50 67P1)* ***H:150cm*** *(OUTLINER50 67P2)* ***H:300cm***	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)*	31.5W / 53cm *(32W053)* 52.5W / 86.3cm *(53W086)* 63W / 103cm *(63W103)* 73.5W / 119.7cm *(74W120)* 94.5W / 153cm *(95W153)* 126W / 203cm *(126W203)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		40.5W / 53cm *(41W053)* 69.3W / 88.7cm *(69W089)* 81W / 103cm *(81W103)* 98.4W / 124.4cm *(98W124)* 121.5W / 153cm *(122W153)* 162W / 203cm *(162W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		29.1W / 53cm *(29W053)* 46.8W / 83cm *(47W083)* 58.5W / 103cm *(59W103)* 70.2W / 123cm *(70W123)* 87.6W / 153cm *(88W153)* 117W / 203cm *(117W203)*		
		RGB *(RGB96)* 96LED/m		34.5W / 53cm *(35W053)* 60.3W / 90.5cm *(60W091)* 69W / 103cm *(69W103)* 81.9W / 121.7cm *(82W122)* 103.5W / 153cm *(104W153)* 138W / 203cm *(138W203)*		
		RGB *(RGB60)* 60LED/m***		21.6W / 53cm *(22W053)* 34.8W / 83cm *(35W083)* 43.5W / 103cm *(44W103)* 52.2W / 123cm *(52W123)* 65.1W / 153cm *(65W153)* 87W / 203cm *(87W203)*		
		RGB *(RGB30)* 30LED/m***		10.8W / 53cm *(11W053)* 17.1W / 83cm *(17W083)* 21.6W / 103cm *(22W103)* 25.8W / 123cm *(26W123)* 32.4W / 153cm *(32W153)* 43.2W / 203cm *(43W203)*		12VDC *(12)*

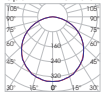
* Short term immersion protection.
** Available in other colours or/and power upon request.
*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER50-67B2-AN-4080-53W086-OP-24*

Clear LOR 0.68



Opal LOR 0.51



SEAMLESS

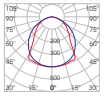
LIGHTSOURCE BY NICHIA for Monochromatic — IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage
OUTLINER 50 SEAMLESS IP67 FIXED *(OUTLINER50-67SF)* **OUTLINER 50 SEAMLESS IP67 FIXED ELEVATED** *(OUTLINER50-67SFE)* **OUTLINER 50 SEAMLESS IP67 SURFACE** *(OUTLINER50-67SS)* **OUTLINER 50 SEAMLESS IP67 SHORT BRACKET 6.5cm** *(OUTLINER50-67SB1)* **OUTLINER 50 SEAMLESS IP67 LONG BRACKET 11.5cm** *(OUTLINER50-67SB2)* **OUTLINER 50 SEAMLESS IP67 PENDANT** *(OUTLINER50-67SP1)* ***H:150cm*** *(OUTLINER50-67SP2)* ***H:300cm***	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)*	31.5W / 50,3cm *(32W050)* 52.5W / 83,7cm *(53W084)* 63W / 100,3cm *(63W100)* 73.5W / 117cm *(74W117)* 94.5W / 150,3cm *(95W150)* 126W / 200,3cm *(126W200)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		40.5W / 50,3cm *(41W050)* 69.3W / 86cm *(69W086)* 81W / 100,3cm *(81W100)* 98.4W / 121,7cm *(98W122)* 121.5W / 150,3cm *(122W150)* 162W / 200,3cm *(162W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		29.1W / 50,3cm *(29W050)* 46.8W / 80,3cm *(47W080)* 58.5W / 100,3cm *(59W100)* 70.2W / 120,3cm *(70W120)* 87.6W / 150,3cm *(88W150)* 117W / 200,3cm *(117W200)*		
		RGB *(RGB96)* 96LED/m		34.5W / 50,3cm *(35W050)* 60.3W / 87,8cm *(60W088)* 69W / 100,3cm *(69W100)* 81.9W / 119cm *(82W119)* 103.5W / 150,3cm *(104W150)* 138W / 200,3cm *(138W200)*		
		RGB *(RGB60)* 60LED/m***		21.6W / 50,3cm *(22W050)* 34.8W / 80,3cm *(35W080)* 43.5W / 100,3cm *(44W100)* 52.2W / 120,3cm *(52W120)* 65.1W / 150,3cm *(65W150)* 87W / 200,3cm *(87W200)*		
		RGB *(RGB30)* 30LED/m***		10.8W / 50,3cm *(11W050)* 17.1W / 80,3cm *(17W080)* 21.6W / 100,3cm *(22W100)* 25.8W / 120,3cm *(26W120)* 32.4W / 150,3cm *(32W150)* 43.2W / 200,3cm *(43W200)*		12VDC *(12)*

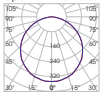
* Short term immersion protection.
** Available in other colours or/and power upon request.
*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER50-67SS-AN-RGB60-52W120-OP-24*

Clear LOR 0.68



Opal LOR 0.51



OUTLINER 40 IP67

Exterior Linear

Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

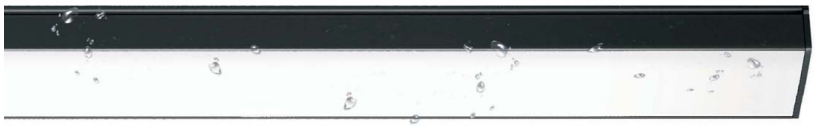
- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

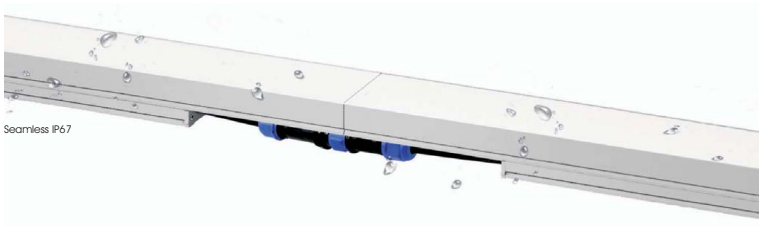
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*





Seamless IP67

RESIN material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives.
	EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water.
	Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87.
	TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GS8 Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

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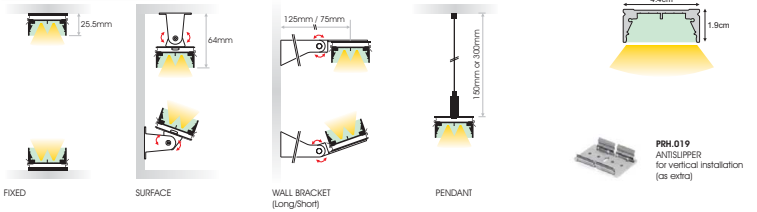
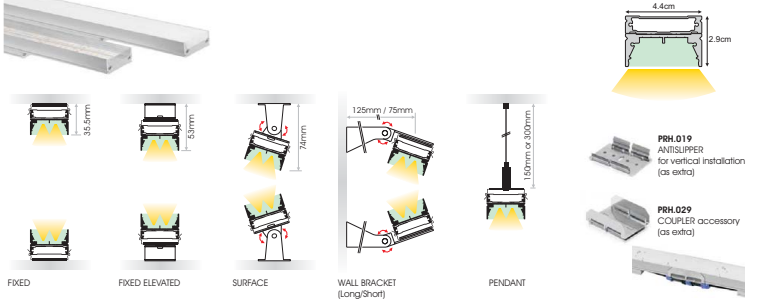
ELECTRON

STANDARD



PRH.019
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS



PRH.019
ANTISLIPPER
for vertical installation
(as extra)

PRH.029
COUPLER accessory
(as extra)

Connectors

Input cable with IP68 connectors supplied as standard.

In-Out cables & IP68 connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

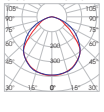
IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage
OUTLINER 40 IP67 FIXED *(OUTLINER40-67F)* **OUTLINER 40 IP67 SURFACE** *(OUTLINER40-67S)* **OUTLINER 40 IP67 SHORT BRACKET 7.5m** *(OUTLINER40-67B1)* **OUTLINER 40 IP67 LONG BRACKET 12.5cm** *(OUTLINER40-67B2)* **OUTLINER 40 IP67 PENDANT** *(OUTLINER40 67P1)* ***H:150cm*** *(OUTLINER40 67P2)* ***H:300cm***	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)*	21W / 53cm *(21W053)* 35W / 86.3cm *(35W086)* 42W / 103cm *(42W103)* 49W / 119.7cm *(49W120)* 63W / 153cm *(63W153)* 84W / 203cm *(84W203)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		27W / 53cm *(27W053)* 46.2W / 88.7cm *(46W089)* 54W / 103cm *(54W103)* 65.6W / 124.4cm *(66W124)* 81W / 153cm *(81W153)* 108W / 203cm *(108W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		19.4W / 53cm *(19W053)* 31.2W / 83cm *(31W083)* 39W / 103cm *(39W103)* 46.8W / 123cm *(47W123)* 58.4W / 153cm *(58W153)* 78W / 203cm *(78W203)*		
		RGB *(RGB96)* 96LED/m		23W / 53cm *(23W053)* 40.2W / 90.5cm *(40W091)* 46W / 103cm *(46W103)* 54.6W / 121.7cm *(55W122)* 69W / 153cm *(69W153)* 92W / 203cm *(92W203)*		
		RGB *(RGB60)* 60LED/m***		14.4W / 53cm *(14W053)* 23.2W / 83cm *(23W083)* 29W / 103cm *(29W103)* 34.8W / 123cm *(35W123)* 43.4W / 153cm *(43W153)* 58W / 203cm *(58W203)*		
		RGB *(RGB30)* 30LED/m***		7.2W / 53cm *(07W053)* 11.4W / 83cm *(11W083)* 14.4W / 103cm *(14W103)* 17.2W / 123cm *(17W123)* 21.6W / 153cm *(22W153)* 28.8W / 203cm *(29W203)*		12VDC *(12)*

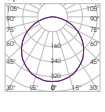
* Short term immersion protection.
** Available in other colours or/and power upon request.
*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER40-67B2-AN-RGB60-43W153-OP-24*

Clear LOR 0.71



Opal LOR 0.53



SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

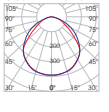
IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length***	Type	Voltage
OUTLINER 40 SEAMLESS IP67 FIXED *(OUTLINER40-67SF)* **OUTLINER 40 SEAMLESS IP67 FIXED ELEVATED** *(OUTLINER40-67SFE)* **OUTLINER 40 SEAMLESS IP67 SURFACE** *(OUTLINER40-67SS)* **OUTLINER 40 SEAMLESS IP67 SHORT BRACKET 6.5cm** *(OUTLINER40-67SB1)* **OUTLINER 40 SEAMLESS IP67 LONG BRACKET 11.5cm** *(OUTLINER40-67SB2)* **OUTLINER 40 SEAMLESS IP67 PENDANT** *(OUTLINER40-67SP1)* ***H:150cm*** *(OUTLINER40-67SP2)* ***H:300cm***	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)*	21W / 50,3cm *(21W050)* 35W / 83,7cm *(35W084)* 42W / 100,3cm *(42W100)* 49W / 117cm *(49W117)* 63W / 150,3cm *(63W150)* 84W / 200,3cm *(84W200)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt** / Length***		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		27W / 50,3cm *(27W050)* 46.2W / 86cm *(46W086)* 54W / 100,3cm *(54W100)* 65.6W / 121,7cm *(66W122)* 81W / 150,3cm *(81W150)* 108W / 200,3cm *(108W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m****		19.4W / 50,3cm *(19W050)* 31.2W / 80,3cm *(31W080)* 39W / 100,3cm *(39W100)* 46.8W / 120,3cm *(47W120)* 58.4W / 150,3cm *(58W150)* 78W / 200,3cm *(78W200)*		
		RGB *(RGB96)* 96LED/m		23W / 50,3cm *(23W050)* 40.2W / 87,8cm *(40W088)* 46W / 100,3cm *(46W100)* 54.6W / 119cm *(55W119)* 69W / 150,3cm *(69W150)* 92W / 200,3cm *(92W200)*		
		RGB *(RGB60)* 60LED/m****		14.4W / 50,3cm *(14W050)* 23.2W / 80,3cm *(23W080)* 29W / 100,3cm *(29W100)* 34.8W / 120,3cm *(35W120)* 43.4W / 150,3cm *(43W150)* 58W / 200,3cm *(58W200)*		
		RGB *(RGB30)* 30LED/m****		7.2W / 50,3cm *(07W050)* 11.4W / 80,3cm *(11W080)* 14.4W / 100,3cm *(14W100)* 17.2W / 120,3cm *(17W120)* 21.6W / 150,3cm *(22W150)* 28.8W / 200,3cm *(29W200)*		12VDC *(12)*

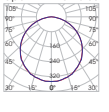
* IP67: Short term immersion protection.
** Available in other colours or/and power upon request.
*** Length without end caps for seamless installation (Add 2mm for each end cap).
****The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER40-67SS-AN-RGB60-35W120-OP-24*

Clear LOR 0.71



Opal LOR 0.53



OUTLINER 40 Recessed IP66

Exterior Linear

Outliner Recessed IP66 series is a custom made linear luminaire series with clear or opal lighting surface. It is available in 2 different widths of 20 and 40mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

RC IP66 / RC Seamless IP66:
- L90/B10>50000 h, 3 Step MacAdam.
- Ingress Protection: IP66

RC IP66:
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

RC Seamless IP66:
- Supplied with input-output cables & IP68 connectors as standard.

L90/B10 50.000h

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

√ *Custom dimensions*
√ *Custom luminaire colours*

Seamless IP66

RESIN material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

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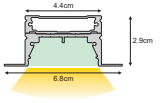
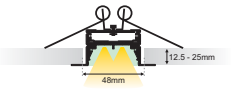
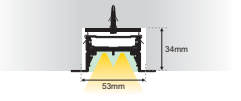
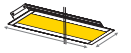




Standard installation



Optional installation upon request



Dimensions:

for Monochromatic, Tunable White:
68 x 55,6/88,9/105,6/122,3/155,6/205,6cm
Cutting hole:
48 x 53,6/86,9/103,6/120,3/153,6/203,6cm

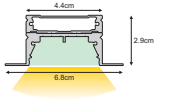
for RGBWW-RGBCW 84LED/m:
68 x 55,6/91,3/105,6/127/155,6/205,6cm
Cutting hole:
48 x 53,6/89,3/103,6/125/153,6/203,6cm

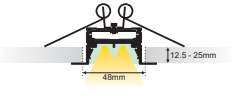
for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
68 x 55,6/85,6/105,6/125,6/155,6/205,6cm
Cutting hole:
48 x 53,6/83,6/103,6/123,6/153,6/203,6cm

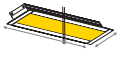
for RGB 96LED/m:
68 x 55,6/93,1/105,6/124,3/155,6/205,6cm
Cutting hole:
48 x 53,6/91,1/103,6/122,3/153,6/203,6cm

Note:
Cutting hole must be 20mm than the luminaire lenght.

SEAMLESS







Dimensions:

for Monochromatic, Tunable White:
68 x 53.3/86.7/103.3/120/153.3/203.3cm
Cutting hole:
48 x 51.3/84.7/101.3/118/151.3/201.3cm

for RGBWW-RGBCW 84LED/m:
68 x 53.3/89/103.3/124.7/153.3/203.3cm
Cutting hole:
48 x 51.3/87/101.3/122.7/151.3/201.3cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
68 x 53.3/83.3/103.3/123.3/153.3/203.3cm
Cutting hole:
48 x 51.3/81.3/101.3/121.3/151.3/201.3cm

for RGB 96LED/m:
68 x 53.3/90.8/103.3/122/153.3/203.3cm
Cutting hole:
48 x 51.3/88.8/101.3/120/151.3/201.3cm

Note:
Cutting hole must be 20mm shorter than the luminaire lenght.

Connectors

Input cable with IP68 connectors supplied as standard.

In-Out cables & IP68 connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

IP66

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage
OUTLINER 40 IP66 Recessed *(OUTLINER 40 66RC)*	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥ 80 *(80)*	21W / 55.6cm *(21W056)* 35W / 88.9cm *(35W089)* 42W / 105.6cm *(42W106)* 49W / 122.3cm *(49W122)* 63W / 155.6cm *(63W156)* 84W / 205.6cm *(84W206)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*

TUNABLE WHITE

Colour Temperature	CRI	Watt / Length***
Tunable White 2700K~5700K *(TW)*	≥ 80 *(80)*	20W / 55.6cm *(20W056)* 33.3W / 88.9cm *(33W089)* 40W / 105.6cm *(40W106)* 46.7W / 122.3cm *(47W122)* 60W / 155.6cm *(60W156)* 80W / 205.6cm *(80W206)*

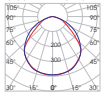
RGBWW / RGBCW / RGB

Colour		Watt / Length***	Voltage
RGBWW RGBCW 84LED/m	*(RGBWW)* *(RGBCW)*	27W / 55.6cm *(27W056)* 46.2W / 91.3cm *(46W091)* 54W / 105.6cm *(54W106)* 65.6W / 127cm *(66W127)* 81W / 155.6cm *(81W156)* 108W / 205.6cm *(108W206)*	24VDC *(24)*
RGBWW RGBCW 60LED/m**	*(RGBWW)* *(RGBCW)*	19.4W / 55.6cm *(19W056)* 31.2W / 85.6cm *(31W086)* 39W / 105.6cm *(39W106)* 46.8W / 125.6cm *(47W126)* 58.4W / 155.6cm *(58W156)* 78W / 205.6cm *(78W206)*	
RGB 96LED/m	*(RGB96)*	23W / 55.6cm *(23W056)* 40.2W / 93.1cm *(40W093)* 46W / 105.6cm *(46W106)* 54.6W / 124.3cm *(55W124)* 69W / 155.6cm *(69W156)* 92W / 205.6cm *(92W206)*	
RGB 60LED/m**	*(RGB60)*	14.4W / 55.6cm *(14W056)* 23.2W / 85.6cm *(23W086)* 29W / 105.6cm *(29W106)* 34.8W / 125.6cm *(35W126)* 43.4W / 155.6cm *(43W156)* 58W / 205.6cm *(58W206)*	
RGB 30LED/m**	*(RGB30)*	7.2W / 55.6cm *(07W056)* 11.4W / 85.6cm *(11W086)* 14.4W / 105.6cm *(14W106)* 17.2W / 125.6cm *(17W126)* 21.6W / 155.6cm *(22W156)* 28.8W / 205.6cm *(29W206)*	12VDC *(12)*

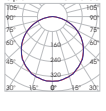
* Available in other colours upon request

** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Clear LOR 0.71



Opal LOR 0.53



Ordering Code Example: *OUTLINER 40 66RC-AN-RGB60-35W126-OP-24*

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SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

IP66

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage
OUTLINER 40 IP66 Recessed SEAMLESS *(OUTLINER 40 66RCS)*	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥ 80 *(80)*	21W / 50.3cm *(21W050)* 35W / 83.7cm *(35W084)* 42W / 100.3cm *(42W100)* 49W / 117cm *(49W117)* 63W / 150.3cm *(63W150)* 84W / 200.3cm *(84W200)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*

TUNABLE WHITE

Colour Temperature	CRI	Watt / Length***
Tunable White 2700K~5700K *(TW)*	≥ 80 *(80)*	20W / 50.3cm *(20W050)* 33.3W / 83.7cm *(33W084)* 40W / 100.3cm *(40W100)* 46.7W / 117cm *(47W117)* 60W / 150.3cm *(60W150)* 80W / 200.3cm *(80W200)*

RGBWW / RGBCW / RGB

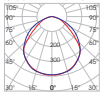
Colour		Watt / Length***	Voltage
RGBWW RGBCW 84LED/m	*(RGBWW)* *(RGBCW)*	27W / 50.3cm *(27W050)* 46.2W / 86cm *(46W086)* 54W / 100.3cm *(54W100)* 65.6W / 121.7cm *(66W122)* 81W / 150.3cm *(81W150)* 108W / 200.3cm *(108W200)*	24VDC *(24)*
RGBWW RGBCW 60LED/m**	*(RGBWW)* *(RGBCW)*	19.4W / 50.3cm *(19W050)* 31.2W / 80.3cm *(31W080)* 39W / 100.3cm *(39W100)* 46.8W / 120.3cm *(47W120)* 58.4W / 150.3cm *(58W150)* 78W / 200.3cm *(78W200)*	
RGB 96LED/m	*(RGB96)*	23W / 50.3cm *(23W050)* 40.2W / 87.8cm *(40W088)* 46W / 100.3cm *(46W100)* 54.6W / 119cm *(55W119)* 69W / 150.3cm *(69W150)* 92W / 200.3cm *(92W200)*	
RGB 60LED/m**	*(RGB60)*	14.4W / 50.3cm *(14W050)* 23.2W / 80.3cm *(23W080)* 29W / 100.3cm *(29W100)* 34.8W / 120.3cm *(35W120)* 43.4W / 150.3cm *(43W150)* 58W / 200.3cm *(58W200)*	
RGB 30LED/m**	*(RGB30)*	7.2W / 50.3cm *(07W050)* 11.4W / 80.3cm *(11W080)* 14.4W / 100.3cm *(14W100)* 17.2W / 120.3cm *(17W120)* 21.6W / 150.3cm *(22W150)* 28.8W / 200.3cm *(29W200)*	12VDC *(12)*

* Available in other colours upon request.

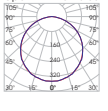
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

*** Length without end caps for seamless installation (Add 15mm for each end cap).

Clear LOR 0.71



Opal LOR 0.53



Ordering Code Example: *OUTLINER 40 66RCS-AN-RGB60-35W120-OP-24*

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OUTLINER 30 IP67

Exterior Linear

Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

Seamless IP67

RESIN material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives.
	EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water.
	Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87.
	TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GS8 Master, Qualicoat Class2, EN12206 (formerly 856496), EN13438 (formerly 856497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

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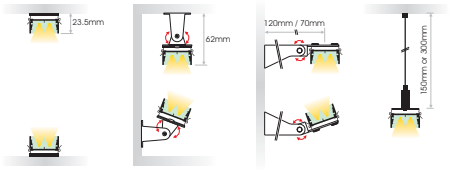
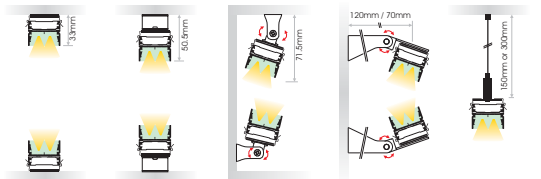
STANDARD



FIXED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.018
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS



FIXED | FIXED ELEVATED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.018
ANTISLIPPER
for vertical installation
(as extra)

PRH.028
COUPLER accessory
(as extra)

Connectors

Input cable with IP68 connectors supplied as standard.

In-Out cables & IP68 connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

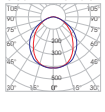
IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage
OUTLINER 30 IP67 FIXED *(OUTLINER30-67F)* **OUTLINER 30 IP67 SURFACE** *(OUTLINER30-67S)* **OUTLINER 30 IP67 SHORT BRACKET 7cm** *(OUTLINER30-67B1)* **OUTLINER 30 IP67 LONG BRACKET 12cm** *(OUTLINER30-67B2)* **OUTLINER 30 IP67 PENDANT** *(OUTLINER30 67P1)* ***H:150cm*** *(OUTLINER30 67P2)* ***H:300cm***	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)*	21W / 53cm *(21W053)* 35W / 86.3cm *(35W086)* 42W / 103cm *(42W103)* 49W / 119.7cm *(49W120)* 63W / 153cm *(63W153)* 84W / 203cm *(84W203)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		27W / 53cm *(27W053)* 46.2W / 88.7cm *(46W089)* 54W / 103cm *(54W103)* 65.6W / 124.4cm *(66W124)* 81W / 153cm *(81W153)* 108W / 203cm *(108W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		19.4W / 53cm *(19W053)* 31.2W / 83cm *(31W083)* 39W / 103cm *(39W103)* 46.8W / 123cm *(47W123)* 58.4W / 153cm *(58W153)* 78W / 203cm *(78W203)*		
		RGB *(RGB96)* 96LED/m		23W / 53cm *(23W053)* 40.2W / 90.5cm *(40W091)* 46W / 103cm *(46W103)* 54.6W / 121.7cm *(55W122)* 69W / 153cm *(69W153)* 92W / 203cm *(92W203)*		
		RGB *(RGB60)* 60LED/m***		14.4W / 53cm *(14W053)* 23.2W / 83cm *(23W083)* 29W / 103cm *(29W103)* 34.8W / 123cm *(35W123)* 43.4W / 153cm *(43W153)* 58W / 203cm *(58W203)*		
		RGB *(RGB30)* 30LED/m***		7.2W / 53cm *(07W053)* 11.4W / 83cm *(11W083)* 14.4W / 103cm *(14W103)* 17.2W / 123cm *(17W123)* 21.6W / 153cm *(22W153)* 28.8W / 203cm *(29W203)*		12VDC *(12)*

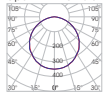
* Short term immersion protection.
** Available in other colours or/and power upon request.
*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER30-67B2-AN-RGB60-43W153-OP-24*

Clear LOR 0.67



Opal LOR 0.51



SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

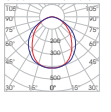
IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length***	Type	Voltage
OUTLINER 30 SEAMLESS IP67 FIXED *(OUTLINER30-67SF)* **OUTLINER 30 SEAMLESS IP67 FIXED ELEVATED** *(OUTLINER30-67SFE)* **OUTLINER 30 SEAMLESS IP67 SURFACE** *(OUTLINER30-67SS)* **OUTLINER 30 SEAMLESS IP67 SHORT BRACKET 6.5cm** *(OUTLINER30-67SB1)* **OUTLINER 30 SEAMLESS IP67 LONG BRACKET 11.5cm** *(OUTLINER30-67SB2)* **OUTLINER 30 SEAMLESS IP67 PENDANT** *(OUTLINER30-67SP1)* ***H:150cm*** *(OUTLINER30-67SP2)* ***H:300cm***	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)*	21W / 50,3cm *(21W050)* 35W / 83,7cm *(35W084)* 42W / 100,3cm *(42W100)* 49W / 117cm *(49W117)* 63W / 150,3cm *(63W150)* 84W / 200,3cm *(84W200)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt** / Length***		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		27W / 50,3cm *(27W050)* 46.2W / 86cm *(46W086)* 54W / 100,3cm *(54W100)* 65.6W / 121,7cm *(66W122)* 81W / 150,3cm *(81W150)* 108W / 200,3cm *(108W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m****		19.4W / 50,3cm *(19W050)* 31.2W / 80,3cm *(31W080)* 39W / 100,3cm *(39W100)* 46.8W / 120,3cm *(47W120)* 58.4W / 150,3cm *(58W150)* 78W / 200,3cm *(78W200)*		
		RGB *(RGB96)* 96LED/m		23W / 50,3cm *(23W050)* 40.2W / 87,8cm *(40W088)* 46W / 100,3cm *(46W100)* 54.6W / 119cm *(55W119)* 69W / 150,3cm *(69W150)* 92W / 200,3cm *(92W200)*		
		RGB *(RGB60)* 60LED/m****		14.4W / 50,3cm *(14W050)* 23.2W / 80,3cm *(23W080)* 29W / 100,3cm *(29W100)* 34.8W / 120,3cm *(35W120)* 43.4W / 150,3cm *(43W150)* 58W / 200,3cm *(58W200)*		
		RGB *(RGB30)* 30LED/m****		7.2W / 50,3cm *(07W050)* 11.4W / 80,3cm *(11W080)* 14.4W / 100,3cm *(14W100)* 17.2W / 120,3cm *(17W120)* 21.6W / 150,3cm *(22W150)* 28.8W / 200,3cm *(29W200)*		12VDC *(12)*

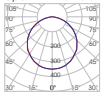
* IP67: Short term immersion protection.
** Available in other colours or/and power upon request.
*** Length without end caps for seamless installation (Add 2mm for each end cap).
****The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

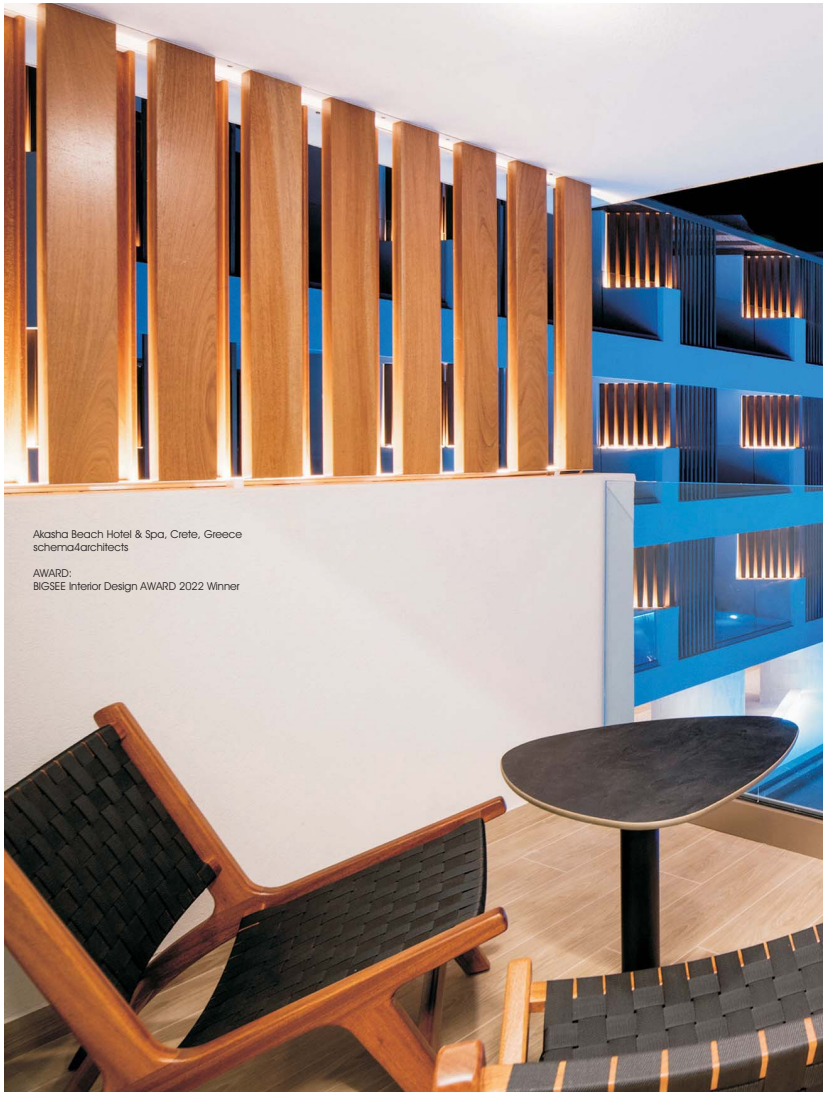
Ordering Code Example: *OUTLINER30-67SS-AN-RGB60-35W120-OP-24*

Clear LOR 0.67



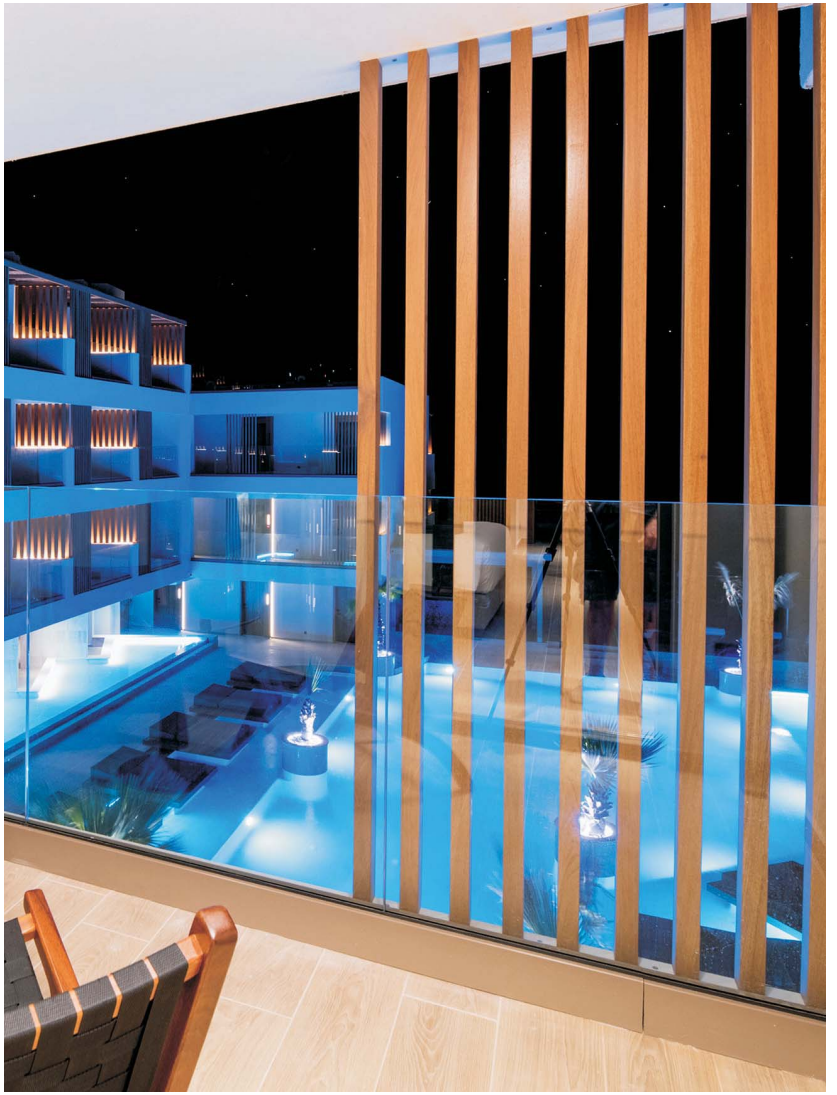
Opal LOR 0.51





Akasha Beach Hotel & Spa, Crete, Greece
schema4architects

AWARD:
BIGSEE Interior Design AWARD 2022 Winner



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OUTLINER 20 IP67

Exterior Linear

Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

Seamless IP67

RESIN material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives.
	EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water.
	Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87.
	TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GS8 Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

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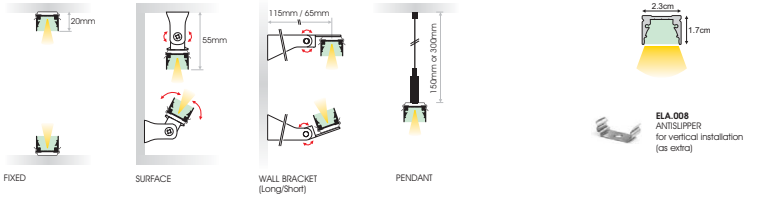
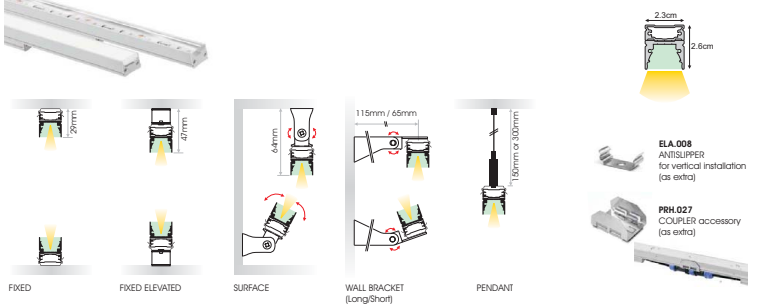
STANDARD



FIXED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

ELA.008
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS



FIXED | FIXED ELEVATED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

ELA.008
ANTISLIPPER
for vertical installation
(as extra)

PRH.027
COUPLER accessory
(as extra)

Connectors

Input cable with IP68 connectors supplied as standard.

In-Out cables & IP68 connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

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STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

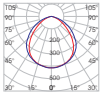
IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage
OUTLINER 20 IP67 FIXED *(OUTLINER20-67F)* **OUTLINER 20 IP67 SURFACE** *(OUTLINER20-67S)* **OUTLINER 20 IP67 SHORT BRACKET 6.5cm** *(OUTLINER20-67B1)* **OUTLINER 20 IP67 LONG BRACKET 11.5cm** *(OUTLINER20-67B2)* **OUTLINER 20 IP67 PENDANT** *(OUTLINER20 67P1)* ***H:150cm*** *(OUTLINER20 67P2)* ***H:300cm***	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥80 *(80)*	10.5W / 53cm *(11W053)* 17.5W / 86.3cm *(18W086)* 21W / 103cm *(21W103)* 24.5W / 119.7cm *(25W120)* 31.5W / 153cm *(32W153)* 42W / 203cm *(42W203)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 53cm *(14W053)* 23.1W / 88.7cm *(23W089)* 27W / 103cm *(27W103)* 32.8W / 124.4cm *(33W124)* 40.5W / 153cm *(41W153)* 54W / 203cm *(54W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		9.7W / 53cm *(10W053)* 15.6W / 83cm *(16W083)* 19.5W / 103cm *(20W103)* 23.4W / 123cm *(23W123)* 29.2W / 153cm *(29W153)* 39W / 203cm *(39W203)*		
		RGB *(RGB96)* 96LED/m		11.5W / 53cm *(12W053)* 20.1W / 90.5cm *(20W091)* 23W / 103cm *(23W103)* 27.3W / 121.7cm *(27W122)* 34.5W / 153cm *(35W153)* 46W / 203cm *(46W203)*		
		RGB *(RGB60)* 60LED/m***		7.2W / 53cm *(07W053)* 11.6W / 83cm *(12W083)* 14.5W / 103cm *(15W103)* 17.4W / 123cm *(17W123)* 21.7W / 153cm *(22W153)* 29W / 203cm *(29W203)*		
		RGB *(RGB30)* 30LED/m***		3.6W / 53cm *(04W053)* 5.7W / 83cm *(06W083)* 7.2W / 103cm *(07W103)* 8.6W / 123cm *(09W123)* 10.8W / 153cm *(11W153)* 14.4W / 203cm *(14W203)*		12VDC *(12)*

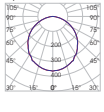
* Short term immersion protection.
** Available in other colours or/and power upon request.
*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER20 67B2-AN-RGB60-22W153-OP-24*

Clear LOR 0.66



Opal LOR 0.48



SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

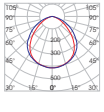
IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length***	Type	Voltage
OUTLINER 20 SEAMLESS IP67 FIXED *(OUTLINER20-67SF)* **OUTLINER 20 SEAMLESS IP67 FIXED ELEVATED** *(OUTLINER20-67SFE)* **OUTLINER 20 SEAMLESS IP67 SURFACE** *(OUTLINER20-67SS)* **OUTLINER 20 SEAMLESS IP67 SHORT BRACKET 6.5cm** *(OUTLINER20-67SB1)* **OUTLINER 20 SEAMLESS IP67 LONG BRACKET 11.5cm** *(OUTLINER20-67SB2)* **OUTLINER 20 SEAMLESS IP67 PENDANT** *(OUTLINER20-67SP1)* ***H:150cm*** *(OUTLINER20-67SP2)* ***H:300cm***	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥80 *(80)*	10.5W / 50,3cm *(11W050)* 17.5W / 83,7cm *(18W084)* 21W / 100,3cm *(21W100)* 24.5W / 117cm *(25W117)* 31.5W / 150,3cm *(32W150)* 42W / 200,3cm *(42W200)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt**t / Length***		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 50,3cm *(14W050)* 23.1W / 86cm *(23W086)* 27W / 100,3cm *(27W100)* 32.8W / 121,7cm *(33W122)* 40.5W / 150,3cm *(41W150)* 54W / 200,3cm *(54W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m****		9.7W / 50,3cm *(10W050)* 15.6W / 80,3cm *(16W080)* 19.5W / 100,3cm *(20W100)* 23.4W / 120,3cm *(23W120)* 29.2W / 150,3cm *(29W150)* 39W / 200,3cm *(39W200)*		
		RGB *(RGB96)* 96LED/m		11.5W / 50,3cm *(12W050)* 20.1W / 87,8cm *(20W088)* 23W / 100,3cm *(23W100)* 27.3W / 119cm *(27W119)* 34.5W / 150,3cm *(35W150)* 46W / 200,3cm *(46W200)*		
		RGB *(RGB60)* 60LED/m****		7.2W / 50,3cm *(07W050)* 11.6W / 80,3cm *(12W080)* 14.5W / 100,3cm *(15W100)* 17.4W / 120,3cm *(17W120)* 21.7W / 150,3cm *(22W150)* 29W / 200,3cm *(29W200)*		
		RGB *(RGB30)* 30LED/m****		3.6W / 50,3cm *(04W050)* 5.7W / 80,3cm *(06W080)* 7.2W / 100,3cm *(07W100)* 8.6W / 120,3cm *(09W120)* 10.8W / 150,3cm *(11W150)* 14.4W / 200,3cm *(14W200)*		12VDC *(12)*

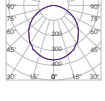
* IP67: Short term immersion protection.
** Available in other colours or/and power upon request.
*** Length without end caps for seamless installation (Add 2mm for each end cap).
****The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

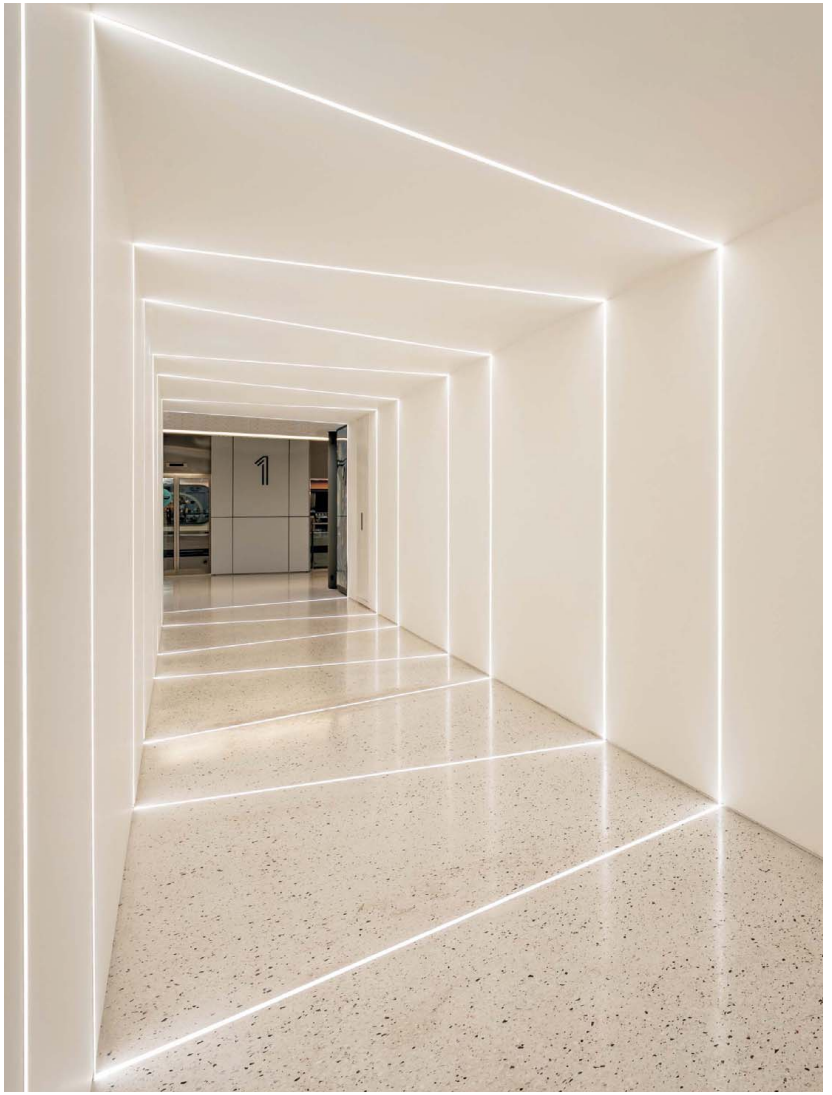
Ordering Code Example: *OUTLINER20-67SS-AN-RGB60-17W120-OP-24*

Clear LOR 0.66



Opal LOR 0.48





River West Gateway, Athens, Greece
Lighting Design: Matina Magklara
Photo: Gavriil Papadiotis

OUTLINER 20 Recessed IP66

Exterior Linear

Outliner Recessed IP66 series is a custom made linear luminaire series with clear or opal lighting surface. It is available in 2 different widths of 20 and 40mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

RC IP66 / RC Seamless IP66:
- L90/B10>50000 h, 3 Step MacAdam.
- Ingress Protection: IP66

RC IP66:
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

RC Seamless IP66:
- Supplied with input-output cables & IP68 connectors as standard.

L90/B10 50.000h

Available upon request:

√ *Custom dimensions*
√ *Custom luminaire colours*

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Seamless IP66

RESIN material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279

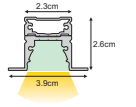
Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

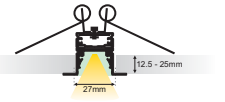
WEATHER RESISTANT

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

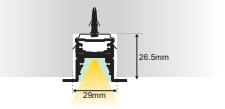
ELECTRON

STANDARD

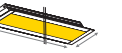




Standard installation



Optional installation upon request



Dimensions:

for Monochromatic, Tunable White:
39 x 54,6/87,9/104,6/121,3/154,6/204,6cm
Cutting hole:
27x 52,6/85,9/102,6/119,3/152,6/202,6cm

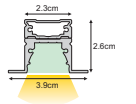
for RGBWW-RGBCW 84LED/m:
39 x 54,6/90,3/104,6/126/154,6/204,6cm
Cutting hole:
27 x 52,6/88,3/102,6/124/153,6/202,6cm

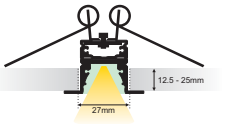
for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
39 x 54,6/84,6/104,6/124,6/154,6/204,6cm
Cutting hole:
27 x 52,6/82,6/102,6/122,6/152,6/202,6cm

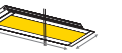
for RGB 96LED/m:
39 x 54,6/92,1/104,6/123,3/154,6/204,6cm
Cutting hole:
27 x 52,6/90,1/102,6/121,3/152,6/202,6cm

Note:
Cutting hole must be 10mm shorter than the luminaire lenght.

SEAMLESS







Dimensions:

for Monochromatic, Tunable White:
39 x 52.3/85.7/102.3/119/152.3/202.3cm
Cutting hole:
27 x 50.3/83.7/100.3/117/150.3/200.3cm

for RGBWW-RGBCW 84LED/m:
39 x 52.3/88/102.3/123.7/152.3/202.3cm
Cutting hole:
27 x 50.3/86/100.3/121.7/150.3/200.3cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
39 x 52.3/82.3/102.3/122.3/152.3/202.3cm
Cutting hole:
27 x 50.3/80.3/100.3/120.3/150.3/200.3cm

for RGB 96LED/m:
39 x 52.3/89.8/102.3/121/152.3/202.3cm
Cutting hole:
27 x 50.3/87.8/100.3/119/150.3/200.3cm

Note:
Cutting hole must be 10mm shorter than the luminaire lenght.

Connectors

Input cable with IP68 connectors supplied as standard.

In-Out cables & IP68 connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

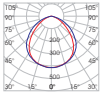
IP66

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length	Type	Voltage
OUTLINER 20 IP66 Recessed *(OUTLINER 20 66RC)*	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)*	10.5W / 54.6cm *(11W055)* 17.5W / 87.9cm *(18W088)* 21W / 104.6cm *(21W105)* 24.5W / 121.3cm *(25W121)* 31.5W / 154.6cm *(32W155)* 42W / 204.6cm *(42W205)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		TUNABLE WHITE				
		Tunable White 2700K~5700K *(TW)*	>80 *(80)*	10W / 54.6cm *(10W055)* 16.7W / 87.9cm *(17W088)* 20W / 104.6cm *(20W105)* 23.4W / 121.3cm *(23W121)* 30W / 154.6cm *(30W155)* 40W / 204.6cm *(40W205)*		
		RGBWW / RGBCW / RGB				
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 54.6cm *(14W055)* 23.1W / 90.3cm *(23W090)* 27W / 104.6cm *(27W105)* 32.8W / 126cm *(33W126)* 40.5W / 154.6cm *(41W155)* 54W / 204.6cm *(54W205)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**		9.7W / 54.6cm *(10W055)* 15.6W / 84.6cm *(16W085)* 19.5W / 104.6cm *(20W105)* 23.4W / 124.6cm *(23W125)* 29.2W / 154.6cm *(29W155)* 39W / 204.6cm *(39W205)*		
		RGB *(RGB96)* 96LED/m		11.5W / 54.6cm *(12W055)* 20.1W / 92.1cm *(20W092)* 23W / 104.6cm *(23W105)* 27.3W / 123.3cm *(27W123)* 34.5W / 154.6cm *(35W155)* 46W / 204.6cm *(46W205)*		
		RGB *(RGB60)* 60LED/m**		7.2W / 54.6cm *(07W055)* 11.6W / 84.6cm *(12W085)* 14.5W / 104.6cm *(15W105)* 17.4W / 124.6cm *(17W125)* 21.7W / 154.6cm *(22W155)* 29W / 204.6cm *(29W205)*		
		RGB *(RGB30)* 30LED/m**		3.6W / 54.6cm *(04W055)* 5.7W / 84.6cm *(06W085)* 7.2W / 104.6cm *(07W105)* 8.6W / 124.6cm *(09W125)* 10.8W / 154.6cm *(11W155)* 14.4W / 204.6cm *(14W205)*		12VDC *(12)*

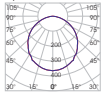
* Available in other colours upon request

** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Clear LOR 0.66



Opal LOR 0.48



Ordering Code Example: *OUTLINER 20 66RC-AN-RGB60-17W125-OP-24*

SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

IP66

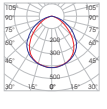
Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage
OUTLINER 20 IP66 Recessed SEAMLESS *(OUTLINER 20 66RCS)*	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)*	10.5W / 50.3cm *(11W050)* 17.5W / 83.7cm *(18W084)* 21W / 100.3cm *(21W100)* 24.5W / 117cm *(25W117)* 31.5W / 150.3cm *(32W150)* 42W / 200.3cm *(42W200)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		TUNABLE WHITE				
		Tunable White 2700K~5700K *(TW)*	>80 *(80)*	10W / 50.3cm *(10W050)* 16.7W / 83.7cm *(17W084)* 20W / 100.3cm *(20W100)* 23.4W / 117cm *(23W117)* 30W / 150.3cm *(30W150)* 40W / 200.3cm *(40W200)*		
		RGBWW / RGBCW / RGB				
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 50.3cm *(14W050)* 23.1W / 86cm *(23W086)* 27W / 100.3cm *(27W100)* 32.8W / 121.7cm *(33W122)* 40.5W / 150.3cm *(41W150)* 54W / 200.3cm *(54W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**		9.7W / 50.3cm *(10W050)* 15.6W / 80.3cm *(16W080)* 19.5W / 100.3cm *(20W100)* 23.4W / 120.3cm *(23W120)* 29.2W / 150.3cm *(29W150)* 39W / 200.3cm *(39W200)*		
		RGB *(RGB96)* 96LED/m		11.5W / 50.3cm *(12W050)* 20.1W / 87.8cm *(20W088)* 23W / 100.3cm *(23W100)* 27.3W / 119cm *(27W119)* 34.5W / 150.3cm *(35W150)* 46W / 200.3cm *(46W200)*		
		RGB *(RGB60)* 60LED/m**		7.2W / 50.3cm *(07W050)* 11.6W / 80.3cm *(12W080)* 14.5W / 100.3cm *(15W100)* 17.4W / 120.3cm *(17W120)* 21.7W / 150.3cm *(22W150)* 29W / 200.3cm *(29W200)*		
		RGB *(RGB30)* 30LED/m**		3.6W / 50.3cm *(04W050)* 5.7W / 80.3cm *(06W080)* 7.2W / 100.3cm *(07W100)* 8.6W / 120.3cm *(09W120)* 10.8W / 150.3cm *(11W150)* 14.4W / 200.3cm *(14W200)*		12VDC *(12)*

* Available in other colours upon request.

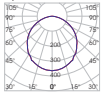
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

*** Length without end caps for seamless installation (Add 15mm for each end cap).

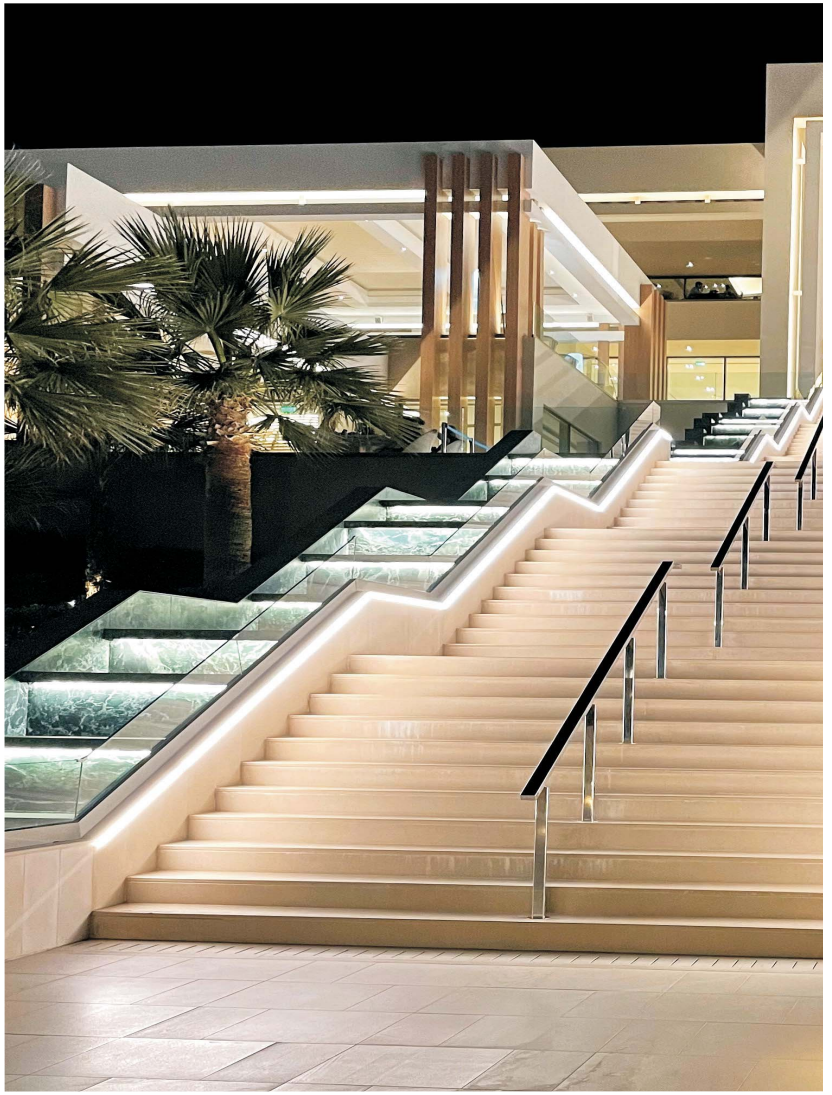
Clear LOR 0.66



Opal LOR 0.48



Ordering Code Example: *OUTLINER 20 66RCS-AN-RGB60-17W120-OP-24*



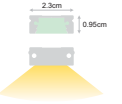
Mayia Exclusive Resort & Spa, Rhodes, Greece

ELECSIA IP67

Exterior Linear

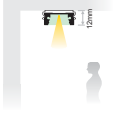
- ELECSIA IP67 is a custom made linear luminaire available in standard and custom lengths upon request.
- Ensures uniformity and colour consistency of the lighting output.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options (fixed, surface or pendant).
- Long & Short bracket accessory for wall installation.
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.
- L90/B10 >50.000h (for monochromatic models).
- Ingress Protection: IP67

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

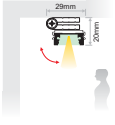


L90/B10 >50.000h
for monochromatic models

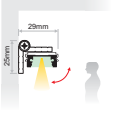
Available upon request:
✓ *Custom dimensions*
✓ *Custom luminaire colours*



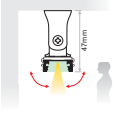
FIXED Installation



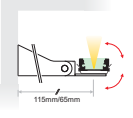
SURFACE A Installation



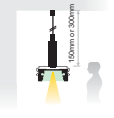
SURFACE B Installation



SURFACE C Installation



WALL BRACKET
(Long/Short) Installation



PENDANT Installation

ELA.008
Antislipper for vertical installation (as extra)

Input cable with IP68 connectors (as standard)

Input & Output cables with IP68 connector (as extra)

RESIN material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GS8 Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

LIGHTSOURCE BY NICHIA for Monochromatic

IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt / Length	Type	Voltage
ELECSIA IP67 FIXED *(ELECSIA 67F)*	Anodized *(AN)*	2000K *(20)*	>80 *(80)*	10.5W / 53cm *(11W053)*	Clear *(CL)*	24VDC *(24)*
ELECSIA IP67 SURFACE A *(ELECSIA 67SA)*	Marine Type *(MT)*	2500K *(25)*		17.5W / 86.3cm *(18W086)*	Opal *(OP)*	
ELECSIA IP67 SURFACE B *(ELECSIA 67SB)*		2700K *(27)*		21W / 103cm *(21W103)*		
ELECSIA IP67 SURFACE C *(ELECSIA 67SC)*		3000K *(30)*		24.5W / 119.7cm *(25W120)*		
ELECSIA IP67 SHORT BRACKET 6.5cm *(ELECSIA 67B1)*		4000K *(40)*		31.5W / 153cm *(32W153)*		
ELECSIA IP67 LONG BRACKET 11.5cm *(ELECSIA 67B2)*		5700K *(57)*		42W / 203cm *(42W203)*		
ELECSIA IP67 PENDANT *(ELECSIA 67P1)* ***H:150cm*** *(ELECSIA 67P2)* ***H:300cm***						

RGBWW / RGBCW / RGB

Colour		Watt / Length
RGBWW / RGBCW 84LED/m	*(RGBWW)* *(RGBCW)*	13.5W / 53cm *(14W053)* 23.1W / 88.7cm *(23W089)* 27W / 103cm *(27W103)* 32.8W / 124.4cm *(33W124)* 40.5W / 153cm *(41W153)* 54W / 203cm *(54W203)*
RGBWW / RGBCW 60LED/m***	*(RGBWW)* *(RGBCW)*	9.7W / 53cm *(10W053)* 15.6W / 83cm *(16W083)* 19.5W / 103cm *(20W103)* 23.4W / 123cm *(23W123)* 29.2W / 153cm *(29W153)* 39W / 203cm *(39W203)*
RGB 96LED/m	*(RGB96)*	11.5W / 53cm *(12W053)* 20.1W / 90.5cm *(20W091)* 23W / 103cm *(23W103)* 27.3W / 121.7cm *(27W122)* 34.5W / 153cm *(35W153)* 46W / 203cm *(46W203)*
RGB 60LED/m***	*(RGB60)*	7.2W / 53cm *(07W053)* 11.6W / 83cm *(12W083)* 14.5W / 103cm *(15W103)* 17.4W / 123cm *(17W123)* 21.7W / 153cm *(22W153)* 29W / 203cm *(29W203)*
RGB 30LED/m***	*(RGB30)*	3.6W / 53cm *(04W053)* 5.7W / 83cm *(06W083)* 7.2W / 103cm *(07W103)* 8.6W / 123cm *(09W123)* 10.8W / 153cm *(11W153)* 14.4W / 203cm *(14W203)*

12VDC *(12)*

* Short term immersion protection.
** Available in other colours or/and power upon request.

Ordering Code Example: *ELECSIA 67B2-AN-RGB60-22W153-OP-24*

MIDI U IP67

Exterior Linear

- MIDI U IP67 is a custom made linear luminaire available in standard or custom lengths.
- Supplied with single waterproof cable & IP68 connector as standard.
- Possibility for in-out cables & connectors upon request as extra.
- L90/B10 >50.000h
- Ingress Protection: IP67

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

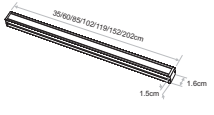
✓ *Custom dimensions*
✓ *Custom luminaire colours*

LIGHTSOURCE BY NICHIA

Model*	Luminaire Colour	CCT	Type	Watt / Length	Voltage
MIDI U IP67	Anodized *(AN)*	2000K *(20)*	Clear *(CL)*	7W / 35cm *(07W035)*	24VDC *(24)*
(MIDI U 67)	Marine Type *(MT)*	2500K *(25)*	Opal *(OP)*	12.2W / 60cm *(12W060)*	
		2700K *(27)*		17.5W / 85cm *(17W085)*	
		3000K *(30)*		21W / 102cm *(21W102)*	
		4000K *(40)*		24.5W / 119cm *(24W119)*	
		5700K *(57)*		31.5W / 152cm *(31W152)*	
				42W / 202cm *(42W202)*	

* IP67: Short term immersion protection

Ordering Code Example: *MIDI U 67-AN-40-OP-31W152-24*



Input cable
with IP68 connectors
(as standard)

RESIN material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with: REACH, RoHS and ELV European Directives.
EC – Directives 89/109 Contact with Food.

Resistance to: Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion

In accordance to: Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GS8 Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

Exterior Linear

LUMITUBE IP67 / IP68

- LUMITUBE is a custom made linear luminaire available in standard or custom lengths.
- Cable gland and end cap components: Nickel plated brass for IP67 and INOX-316 for IP68.
- Tube: PMMA
- L90/B10 50.000h
- Ingress Protection: available in IP67 and IP68.

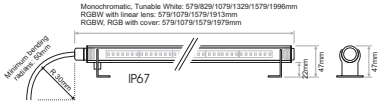
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 50.000h

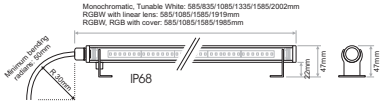
Inox Holders (Left-Right)
(as standard)

Available upon request:

✓ *Custom dimensions*



Input cable with IP68 connectors
(as standard)



Input cable with IP68 connectors
(as standard)

LUMITUBE IP67

LIGHTSOURCE BY NICHIA for Monochromatic

IP67

Model	Colour Temperature	CRI	Beam Angle	Watt / Length	Voltage
LUMITUBE IP67* *(LUMITUBE IP67)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	80+ *(80)*	16° Linear lens *(16L)* 35° Linear lens *(35L)* 55° Linear lens *(55L)* 100° Frosted Cover *(100F)* 100° Clear Cover *(100C)* 110° Milky Cover *(110M)*	10.5W / 57.9cm *(11W058)* 15.8W / 82.9cm *(16W083)* 21W / 107.9cm *(21W108)* 26.3W / 132.9cm *(26W133)* 31.5W / 157.9cm *(32W158)* 40.3W / 199.6cm *(40W200)*	24VDC *(24)*
	TUNABLE WHITE Tunable White *(TW)* 2700K~5700K	80+ *(80)*	16° Linear lens *(16L)* 35° Linear lens *(35L)* 55° Linear lens *(55L)* 100° Frosted Cover *(100F)* 100° Clear Cover *(100C)* 110° Milky Cover *(110M)*	10W / 57.9cm *(10W058)* 15W / 82.9cm *(15W083)* 20W / 107.9cm *(20W108)* 25W / 132.9cm *(25W133)* 30W / 157.9cm *(30W158)* 38.3W / 199.6cm *(38W200)*	
	RGBW RGBW with linear lens *(RGBW)*		16° Linear lens *(16L)* 35° Linear lens *(35L)* 55° Linear lens *(55L)*	7.5W / 57.9cm *(08W058)* 15W / 107.9cm *(15W108)* 22.5W / 157.9cm *(23W158)* 27.5W / 191.3cm *(28W191)*	
	RGBW RGBW with cover *(RGBW)*		100° Frosted Cover *(100F)* 100° Clear Cover *(100C)* 110° Milky Cover *(110M)*	9.8W / 57.9cm *(10W058)* 19.5W / 107.9cm *(20W108)* 29.5W / 157.9cm *(30W158)* 37.1W / 197.9cm *(37W198)*	
	RGB RGB with cover *(RGB)*		100° Frosted Cover *(100F)* 100° Clear Cover *(100C)* 110° Milky Cover *(110M)*	7.3W / 57.9cm *(07W058)* 14.5W / 107.9cm *(15W108)* 21.8W / 157.9cm *(22W158)* 27.6W / 197.9cm *(28W198)*	

* IP67: Short term immersion protection

Ordering Code Example:
LUMITUBE IP67-TW-80-100C-15W083-24

LUMITUBE IP68

LIGHTSOURCE BY NICHIA for Monochromatic

IP68

Model	Colour Temperature	CRI	Beam Angle	Watt / Length	Voltage
LUMITUBE IP68 *(LUMITUBE IP68)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	80+ *(80)*	16° Linear lens *(16L)* 35° Linear lens *(35L)* 55° Linear lens *(55L)* 100° Frosted Cover *(100F)* 100° Clear Cover *(100C)* 110° Milky Cover *(110M)*	10.5W / 58.5cm *(11W059)* 15.8W / 83.5cm *(16W084)* 21W / 108.5cm *(21W109)* 26.3W / 133.5cm *(26W134)* 31.5W / 158.5cm *(32W156)* 40.3W / 200.2cm *(40W200)*	24VDC *(24)*
	TUNABLE WHITE Tunable White *(TW)* 2700K~5700K	80+ *(80)*	16° Linear lens *(16L)* 35° Linear lens *(35L)* 55° Linear lens *(55L)* 100° Frosted Cover *(100F)* 100° Clear Cover *(100C)* 110° Milky Cover *(110M)*	10W / 58.5cm *(10W059)* 15W / 83.5cm *(15W084)* 20W / 108.5cm *(20W109)* 25W / 133.5cm *(25W134)* 30W / 158.5cm *(30W156)* 38.3W / 200.2cm *(38W200)*	
	RGBW RGBW with linear lens *(RGBW)*		16° Linear lens *(16L)* 35° Linear lens *(35L)* 55° Linear lens *(55L)*	7.5W / 58.5cm *(08W059)* 15W / 108.5cm *(15W109)* 22.5W / 158.5cm *(23W159)* 27.5W / 191.9cm *(28W192)*	
	RGBW RGBW with cover *(RGBW)*		100° Frosted Cover *(100F)* 100° Clear Cover *(100C)* 110° Milky Cover *(110M)*	9.8W / 58.5cm *(10W059)* 19.5W / 108.5cm *(20W109)* 29.5W / 158.5cm *(30W159)* 37.1W / 198.5cm *(37W199)*	
	RGB RGB with cover *(RGB)*		100° Frosted Cover *(100F)* 100° Clear Cover *(100C)* 110° Milky Cover *(110M)*	7.3W / 58.5cm *(07W059)* 14.5W / 108.5cm *(15W109)* 21.8W / 158.5cm *(22W159)* 27.6W / 198.5cm *(28W199)*	

Ordering Code Example:
LUMITUBE IP68-TW-80-100C-15W084-24

CORNER II IP67

Exterior Linear

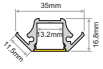
- CORNER II IP67 is a custom made linear luminaire available in standard or custom lengths.
- Supplied with single waterproof cable & connector as standard.
- Possibility for in-out cables & connectors upon request as extra.
- L90/B10 >50.000h, 3 Step MacAdam
- Ingress Protection: IP67

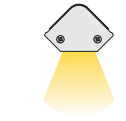
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

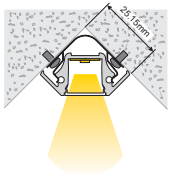
L90/B10 50.000h

Available upon request:

✓ *Custom dimensions*







One outdoor cable and IP68 connector (as standard)

RESIN material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat – Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

LIGHTSOURCE BY NICHIA for Monochromatic

IP67

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
CORNER II IP67 *(CORNER II 67)*	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	80+ *(80)*	10.5W / 53cm *(11W053)* 15.8W / 78cm *(16W078)* 21W / 103cm *(21W103)* 24.5W / 119.7cm *(25W120)* 31.5W / 153cm *(32W153)* 42W / 203cm *(42W203)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		TUNABLE WHITE				
		Tunable White 2700K~5700K *(TW)*	80+ *(80)*	10W / 53cm *(10W053)* 15W / 78cm *(15W078)* 20W / 103cm *(20W103)* 25W / 128cm *(25W128)* 30W / 153cm *(30W153)* 40W / 203cm *(40W203)*		
		RGBWW / RGBCW / RGB				
		RGBWW RGBCW 84LED/m	*(RGBWW)* *(RGBCW)*	13.5W / 53cm *(14W053)* 23.1W / 88.7cm *(23W089)* 27W / 103cm *(27W103)* 32.8W / 124.4cm *(33W124)* 40.5W / 153cm *(41W153)* 54W / 203cm *(54W203)*		
		RGBWW RGBCW 60LED/m**	*(RGBWW)* *(RGBCW)*	9.7W / 53cm *(10W053)* 15.6W / 83cm *(16W083)* 19.5W / 103cm *(20W103)* 23.4W / 123cm *(23W123)* 29.2W / 153cm *(29W153)* 39W / 203cm *(39W203)*		
		RGB 96LED/m	*(RGB96)*	11.5W / 53cm *(12W053)* 20.1W / 90.5cm *(20W091)* 23W / 103cm *(23W103)* 27.3W / 121.7cm *(27W122)* 34.5W / 153cm *(35W153)* 46W / 203cm *(46W203)*		
		RGB 60LED/m**	*(RGB60)*	7.2W / 53cm *(07W053)* 11.6W / 83cm *(12W083)* 14.5W / 103cm *(15W103)* 17.4W / 123cm *(17W123)* 21.7W / 153cm *(22W153)* 29W / 203cm *(29W203*		
		RGB 30LED/m**	*(RGB30)*	3.6W / 53cm *(04W053)* 5.7W / 83cm *(06W083)* 7.2W / 103cm *(07W103)* 8.6W / 123cm *(09W123)* 10.8W / 153cm *(11W153)* 14.4W / 203cm *(14W203)*		12VDC *(12)*

* Available in other colours or/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *CORNER II 67-AN-RGB60-17W123-OP-24*

CORNER 45 IP67

Exterior Linear

- CORNER 45 IP67 is a custom made linear luminaire available in standard or custom lengths.
- Supplied with single waterproof cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.
- L90/B10 >50.000h
- Ingress Protection: IP67

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

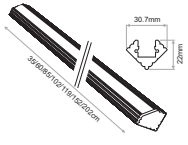
LIGHTSOURCE BY NICHIA

IP67

Model*	Luminaire Colour	CCT	Type	Watt / Length	Voltage
CORNER 45 IP67 *(CORNER 45 67)*	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	Clear *(CL)* Opal *(OP)*	7W / 35cm *(07W035)* 12.2W / 60cm *(12W060)* 17.5W / 85cm *(17W085)* 21W / 102cm *(21W102)* 24.5W / 119cm *(24W119)* 31.5W / 152cm *(31W152)* 42W / 202cm *(42W202)*	24VDC *(24)*

* IP67: Short term immersion protection

Ordering Code Example: CORNER 45 67-AN-30-OP-31W152-24



One outdoor cable and
IP68 connector (as standard)

RESIN material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GS8 Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

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ELECTRON

EXTERIOR PROJECTORS

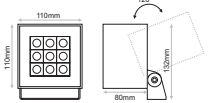
ELECTRON

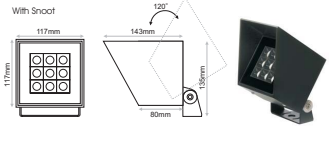
BOX 21

Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations. Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <12 (14°), <12.5 (16°), <9.3 (20°), <19.9 (34°), <23.4 (60°), <16.2 (16°x30°)
- Phase Cut Dimmable or Non-Dimmable.
- Power cable: H05RN-F 3x0.75mm^2 L=2.0m
- Outer cable diameter: 7mm^2
- Weight: 1,53kg

L90/B10 50.000h





Tilt: 120°
Rotate:60°

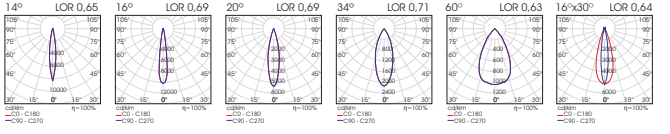
CREE LEDs

IP66

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
BOX 20.7W *(BOX 21)*	2700K *(27C)*	2223lm	14° *(VN)*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*	***cover***
	3000K *(30C)*	2377lm	16° *(NR)*	White *(WH)*	230VAC Phase Cut Dimmable* *(230D)*	Standard *(0X)*
	4000K *(40C)*	2377lm	20° *(MD)*			SNOOT Black *(1X)*
	6500K *(65C)*	2668lm	34° *(WD)*			SNOOT White *(2X)*
			60° *(VW)*			↓ *(XX)* ↑
			16°x30° *(AS)*			***extras***
						No Extras *(X0)*
						Spike *(X1)*
						Concrete Base *(X2)*
						Belt *(X3)*
						Pole Base** *(X4)*

* By trailing edge dimmers.
** Pole base supplied black as standard.

Ordering Code Example: BOX 21-30C-NR-BL-230D-01

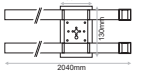


Accessories

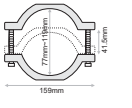
ACR.006 Snoot Black
ACR.007 Snoot White

ACR.008 Plastic Spike

ACR.009 Concrete base



ACR.078 Belt Accessory



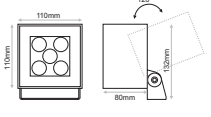
ACR.111 Pole Base Black
ACRW062 Pole Base White

BOX 12N

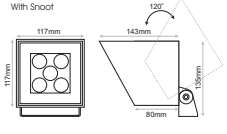
Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations. Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <17,3 (6°)
- Phase Cut Dimmable or Non-Dimmable.
- Power cable: H05RN-F 3x0.75mm^2 L=2.0m
- Outer cable diameter: 7mm^2
- Weight: 1,53kg

L90/B10 50.000h



With Snoot



Tilt: 120°
Rotate:60°

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CREE LEDs

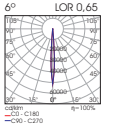
IP66

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
BOX 12.5W Narrow *(BOX 12N)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 6500K *(65C)*	*1235lm* *1321lm* *1321lm* *1482lm*	6° *(VN)*	Black *(BL)* White *(WH)*	230VAC Non-Dimmable *(230ND)* 230VAC Phase Cut Dimmable* *(230D)*	***cover*** Standard *(0X)* SNOOT Black *(1X)* SNOOT White *(2X)* ↓ *(XX)* ↑ ***extras*** No Extras *(X0)* Spike *(X1)* Concrete Base *(X2)* Belt *(X3)* Pole Base** *(X4)*

* By trailing edge dimmers.
** Pole base supplied black as standard.

Ordering Code Example: BOX 12N-30C-VN-BL-230D-01

6° LOR 0,65

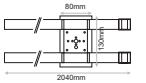


Accessories

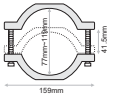
ACR.006 Snoot Black
ACR.007 Snoot White

ACR.008 Plastic Spike

ACR.009 Concrete base



ACR.078 Belt Accessory



ACR.111 Pole Base Black
ACRW062 Pole Base White

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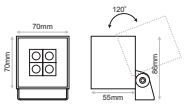
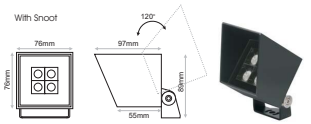
BOX 10

Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations. Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <13.7 (17°), <13.1 (21°), <12.5 (25°), <20.6 (35°), <23.6 (62°), <15.7 (16°x30°)
- Phase Cut Dimmable or Non-Dimmable.
- Power cable: H05RN-F 3x0.75mm^2 L=2.0m
- Outer cable diameter: 7mm^2
- Weight: 0,63kg

L90/B10 50.000h





Tilt: 120°
Rotate:60°

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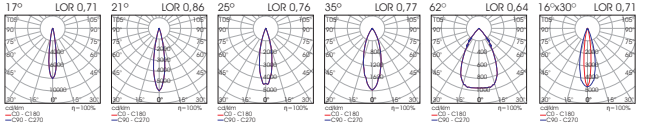
CREE LEDs

IP66

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
BOX 9.2W *(BOX 10)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 6500K *(65C)*	988lm 1056lm 1056lm 1185lm	17° *(VN)* 21° *(NR)* 25° *(MD)* 35° *(WD)* 62° *(VW)* 16°x30° *(AS)*	Black *(BL)* White *(WH)*	230VAC Non-Dimmable *(230ND)* 230VAC Phase Cut Dimmable* *(230D)*	**cover** Standard *(0X)* SNOOT Black *(1X)* SNOOT White *(2X)* → *(XX)* ← **extras** No Extras *(X0)* Spike *(X1)* Belt *(X2)* Pole Base** *(X3)* Concrete Base *(X4)*

* By leading edge dimmers only.
** Pole base supplied black as standard.

Ordering Code Example: BOX 10-30C-NR-BL-230D-01



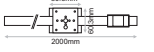
Accessories

ACR.004 Snoot Black
ACR.005 Snoot White

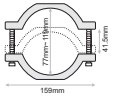
ACR.003 Plastic Spike

ACR.028 Concrete base

ACR.077 Belt S Accessory



ACR.111 Pole Base Black
ACRW062 Pole Base White

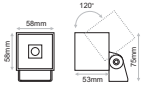


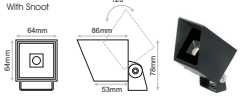
BOX 5

Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations. Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <15.6 (17°), <13.9 (21°), <15.5 (28°), <23.3 (40°), <25.2 (63°), <17.7 (16°x30°)
- Phase Cut Dimmable.
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm²
- Weight: 0,50kg

L90/B10 50.000h





Tilt: 120°
Rotate:60°

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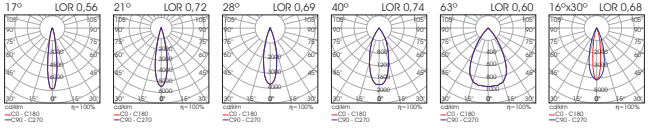
CREE LEDs

IP66

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
BOX 4.4W *(BOX 5)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 6500K *(65C)*	*410lm* *440lm* *475lm* *510lm*	17° *(VN)* 21° *(NR)* 28° *(MD)* 40° *(WD)* 63° *(VW)* 16°x30° *(AS)*	Black *(BL)* White *(WH)*	230VAC Phase Cut Dimmable* *(230D)*	***cover*** Standard *(0)* SNOOT Black *(1)* SNOOT White *(2)* ↓ *(XX)* ↑ ***extras*** No Extras *(X0)* Spike *(X1)* Belt *(X2)* Pole Base** *(X3)* Concrete Base *(X4)*

* By trailing edge dimmers.
** Pole base supplied black as standard.

Ordering Code Example: BOX 5-30C-NR-BL-230D-01

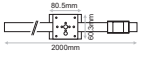


Accessories

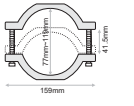
ACR.001 Snoot Black
ACR.002 Snoot White

ACR.003 Plastic Spike

ACR.028 Concrete base



ACR.077 Belt S Accessory



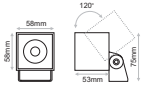
ACR.111 Pole Base Black
ACRW062 Pole Base White

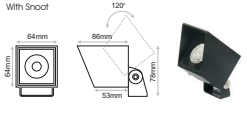
BOX 3N

Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations. Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <18.6 (3°)
- Phase Cut Dimmable.
- Power cable: H05RN-F 3x0.75mm^2 L=2.0m
- Outer cable diameter: 7mm^2
- Weight: 0,50kg

L80/B10 50.000h





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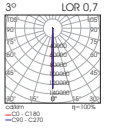
CREE LEDs

IP66

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
BOX 2.5W	2700K *(27C)*	*137lm*	3° *(VN)*	Black *(BL)*	230VAC Phase Cut Dimmable* *(230D)*	***cover***
Narrow	3000K *(30C)*	*149lm*		White *(WH)*		Standard *(0X)*
(BOX 3N)	4000K *(40C)*	*170lm*				SNOOT Black *(1X)*
	6500K *(65C)*	*265lm*				SNOOT White *(2X)*
						(XX)
						extras
						No Extras *(X0)*
						Spike *(X1)*
						Belt *(X2)*
						Pole Base** *(X3)*
						Concrete Base *(X4)*

* By trailing edge dimmers.
** Pole base supplied black as standard.

Ordering Code Example: BOX 3N-30C-VN-BL-230D-01



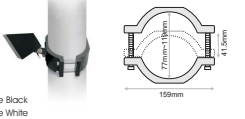
Accessories

ACR.001 Snoot Black
ACR.002 Snoot White

ACR.003 Plastic Spike

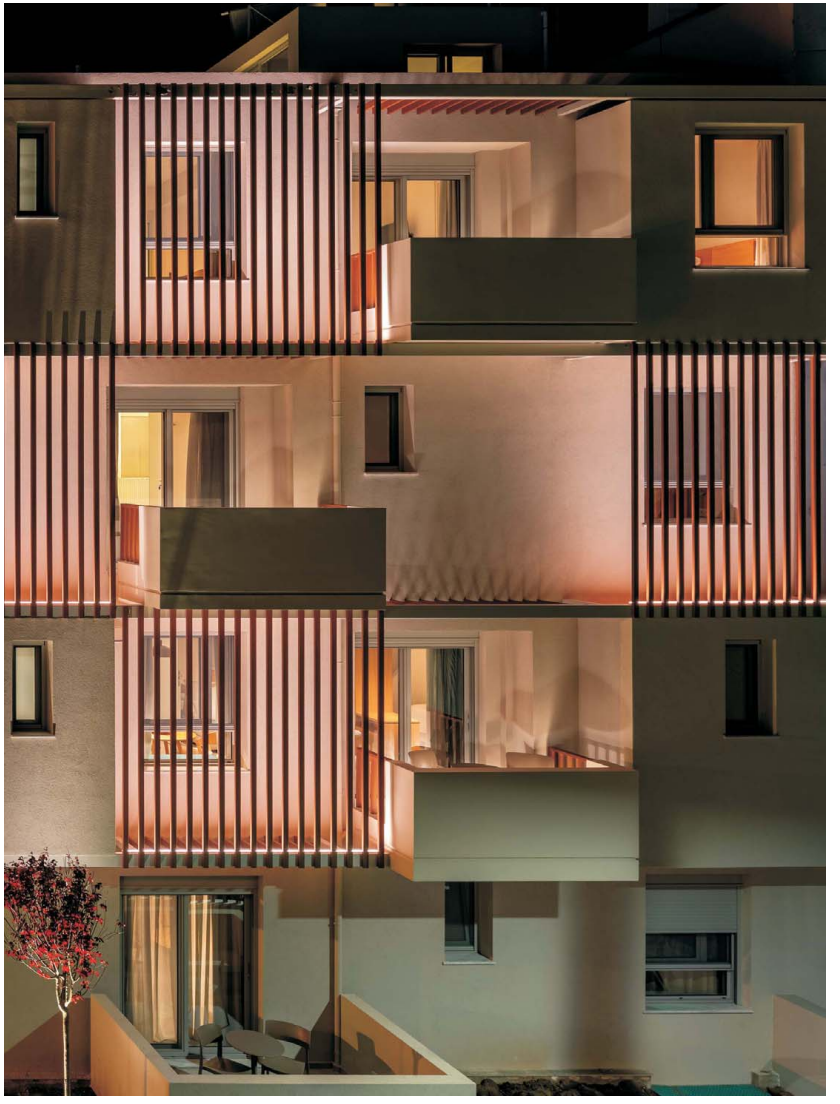
ACR.028 Concrete base

ACR.077 Belt S Accessory



ACR.111 Pole Base Black
ACRW062 Pole Base White

Townhouse, Lefkada, Greece
Lighting Design: Idea Design Ltd
Architect: Ioanna Zavitsanou
Photo: Gavriil Papadiotis



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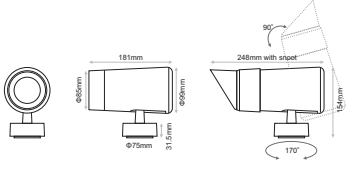
CONNY 20

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories: plastic spike, concrete base, tree belt, or pole base. It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <10.5 (20°), <12.9 (33°), <17.5 (48°)
- Phase Cut Dimmable or Non-Dimmable.
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm²
- Weight: 1,70kg

L80/B10 50.000h



With Snoot

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ELECTRON

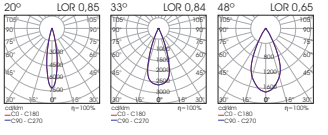
CREE LEDs

IP66

Model	CCT	CRI80 LED Source	Beam Angle	Colour	Voltage	Accessories (XXX)
		80 (80)				
CONNY 20.7W (CONNY 20)	2700K (27C)	2340lm	20° (NR)	Black (BL)	230VAC Non-Dimmable (230ND)	Standard (0XX)
	3000K (30C)	2503lm	33° (MD)	White (WH)	230VAC Phase Cut Dimmable (230D)	SNOOT Black (1XX)
	4000K (40C)	2691lm	48° (WD)			SNOOT White (2XX)
	5000K (50C)	2691lm				Standard (X0X)
						Honeycomb (X1X)
						extras
						No Extras (XX0)
						Plastic Spike (XX1)
						Pole Base* (XX2)
						Concrete Base (XX3)
						Belt (XX4)

* Pole base supplied black as standard.

Ordering Code Example: *CONNY 20-30C-80-20-NR-230D-213*



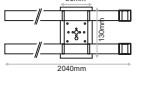
Accessories

ACR.017 Honeycomb

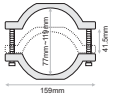
ACR.018 Snoot Black
ACR.019 Snoot White

ACR.008 Plastic Spike

ACR.020 Concrete base



ACR.078 Belt Accessory



ACR.111 Pole Base Black
ACRW062 Pole Base White

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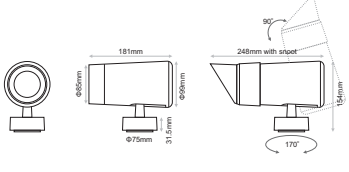
CONNY 15N

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories: plastic spike, concrete base, tree belt, or pole base. It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <9.3 (9°)
- Phase Cut Dimmable or Non-Dimmable.
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm²
- Weight: 1,70kg

L80/B10 50.000h



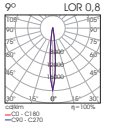
CREE LEDs

IP66

Model	CCT	CRI80 / LED Source	Beam Angle	Colour	Voltage	Accessories (XXX)
		80 (80)				
CONNY 15.6W NARROW (CONNY 15N)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1360lm 1417lm 1496lm 1513lm	9° (VN)	Black (BL) White (WH)	230VAC Non-Dimmable (230ND) 230VAC Phase Cut Dimmable (230D)	Standard (0XX) SNOOT Black (1XX) SNOOT White (2XX) Standard (X0X) Honeycomb (X1X) ***extras*** No Extras (XX0) Plastic Spike (XX1) Pole Base* (XX2) Concrete Base (XX3) Belt (XX4)

* Pole base supplied black as standard.

Ordering Code Example: *CONNY 15N-30C-80-VN-BL-230D-213*



Accessories

ACR.017 Honeycomb

ACR.018 Snoot Black
ACR.019 Snoot White

ACR.008 Plastic Spike

ACR.020 Concrete base

ACR.078 Belt Accessory

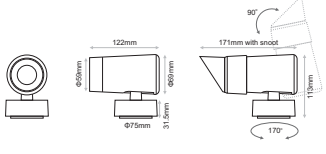
ACR.111 Pole Base Black
ACRW062 Pole Base White

CONNY 9

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories: plastic spike, concrete base, tree belt, or pole base. It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <15.9 (22°), <15 (38°), <18.3 (50°)
- Phase Cut Dimmable or Non-Dimmable.
- Power cable: H05RN-F 3x0.75mm^2 L=2.0m
- Outer cable diameter: 7mm^2
- Weight: 0,80kg

L90/B10 50.000h



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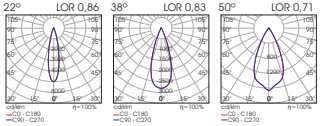
CREE LEDs

IP66

Model	CCT	CRI80 / LED Source	Beam Angle	Colour	Voltage	Accessories (XXX)
		80 (80)				
CONNY 9.7W (CONNY 9)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1035lm 1114lm 1114lm 1193lm	22° (NR) 38° (MD) 50° (WD)	Black (BL) White (WH)	230VAC Non-Dimmable (230ND) 230VAC Phase Cut Dimmable (230D)	Standard (0XX) SNOOT Black (1XX) SNOOT White (2XX) Standard (X0X) Honeycomb (X1X) ***extras*** No Extras (XX0) Plastic Spike (XX1) Pole Base* (XX2) Concrete Base (XX3) Belt S (XX4) Belt R (XX5)

* Pole base supplied black as standard.

Ordering Code Example: CONNY 9-30C-80-38-NR-230D-215



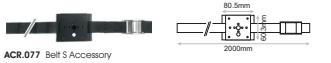
Accessories

ACR.014 Honeycomb

ACR.015 Snoot Black
ACR.016 Snoot White

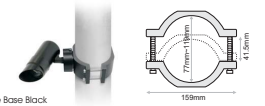
ACR.008 Plastic Spike

ACR.020 Concrete base



ACR.077 Belt S Accessory

ACR.010 Belt R Accessory



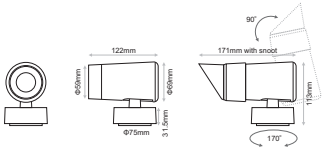
ACR.111 Pole Base Black
ACRW062 Pole Base White

CONNY 9N

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories: plastic spike, concrete base, tree belt, or pole base. It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <10.7 (9°)
- Phase Cut Dimmable or Non-Dimmable.
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm²
- Weight: 0,80kg

L90/B10 50.000h



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ELECTRON

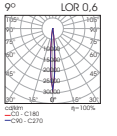
CREE LEDs

IP66

Model	CCT	CRI80 / LED Source	Beam Angle	Colour	Voltage	Accessories
		80 (80)				(XXX)
CONNY 9.2W NARROW (CONNY 9N)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	735lm 735lm 831lm 893lm	9° (VN)	Black (BL) White (WH)	230VAC Non-Dimmable (230ND) 230VAC Phase Cut Dimmable (230D)	Standard (0XX) SNOOT Black (1XX) SNOOT White (2XX) Standard (X0X) Honeycomb (X1X) ***extras*** No Extras (XX0) Plastic Spike (XX1) Pole Base* (XX2) Concrete Base (XX3) Belt S (XX4) Belt R (XX5)

* Pole base supplied black as standard.

Ordering Code Example: CONNY 9N-30C-80-VN-BL-230D-212



Accessories

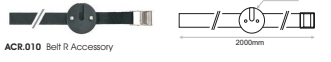
ACR.014 Honeycomb

ACR.015 Snoot Black
ACR.016 Snoot White

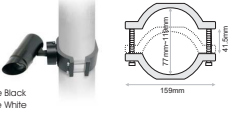
ACR.008 Plastic Spike

ACR.020 Concrete base

ACR.077 Belt S Accessory



ACR.010 Belt R Accessory



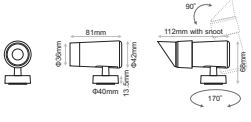
ACR.111 Pole Base Black
ACRW062 Pole Base White

CONNY 6

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories: plastic spike, concrete base, tree belt, or pole base. It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating CONNY 6: UGR <21.5 (16°), <18.8 (20°), <21.2 (30°), <21.6 (42°)
- Glare Rating CONNY 6 WD: UGR <17.6 (38°), <20.7 (54°)
- 24VDC Non-Dimmable
- Power cable: H05RN-F 2x0.5mm^2 L=2.0m
- Outer cable diameter: 5mm^2
- Weight: 0,28kg

L90/B10 50.000h



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CREE LEDs Monochromatic

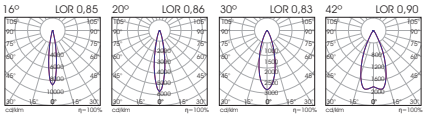
LIGHTSOURCE BY bridgelux WD

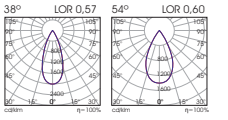
IP66

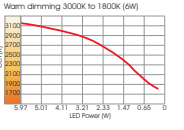
Model	CCT	CRI / LED Source	Beam Angle	Colour	Voltage/Current	Accessories
		80 (80)			**Voltage**	(X X X)
CONNY 6W (CONNY 6)	2700K (27C)	550lm	16° (NR)	Black (BL)	24VDC Non-Dimmable (24)	Standard (000)
	3000K (30C)	550lm	20° (MD)	White (WH)		SNOOT Black (1XX)
	4000K (40C)	642lm	30° (WD)			SNOOT White (2XX)
	5000K (50C)	689lm	42° (WI)			Standard (0X0)
						Honeycomb (0X1)
	Warm Dimmable	90 (90) 95 (95)			**Current**	***extras***
	Warm Dimming (WD) 1800K–3000K	627lm 552lm	38° (WD) 54° (WI)		350mA (350)	No Extras (XX0) Plastic Spike (XX1) Pole Base* (XX2) Concrete Base (XX3) Belt (XX4)

* Pole base supplied black as standard.

Ordering Code Example: CONNY 6-30C-80-MD-BL-24-011







Accessories

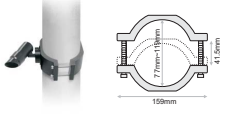
ACR.011 Honeycomb

ACR.012 Snoot Black
ACR.013 Snoot White

ACR.003 Plastic Spike

ACR.028 Concrete base

ACR.077 Belt S Accessory



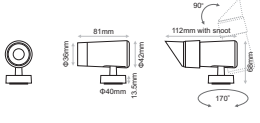
ACR.111 Pole Base Black
ACRW062 Pole Base White

CONNY 4

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories: plastic spike, concrete base, tree belt, or pole base. It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <20.2 (16°), <17.5 (20°), <19.9 (30°), <20.3 (46°)
- 24VDC Non-Dimmable
- Power cable: H05RN-F 2x0.5mm^2 L=2.0m
- Outer cable diameter: 5mm^2
- Weight: 0,28kg

L90/B10 50.000h



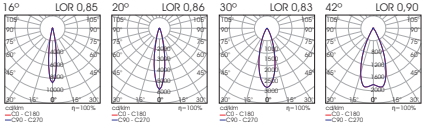
CREE LEDs

IP66

Model	CCT	CRI80 / LED Source	Beam Angle	Colour	Voltage	Accessories	(X X X)
		80 *(80)*					
CONNY 4W *(CONNY 4)*	2700K *(27C)*	*378lm*	16° *(NR)*	Black *(BL)*	24VDC Non-Dimmable *(24)*	Standard	*(0XX)*
	3000K *(30C)*	*378lm*	20° *(MD)*	White *(WH)*		SNOOT Black	*(1XX)*
	4000K *(40C)*	*428lm*	30° *(WD)*			SNOOT White	*(2XX)*
	5000K *(50C)*	*459lm*	42° *(VW)*			Standard	*(X0X)*
						Honeycomb	*(X1X)*
						extras	
						No Extras	*(XX0)*
						Plastic Spike	*(XX1)*
						Pole Base*	*(XX2)*
						Concrete Base	*(XX3)*
						Belt	*(XX4)*

* Pole base supplied black as standard.

Ordering Code Example: CONNY 4-30C-80-MD-BL-24-011



Accessories

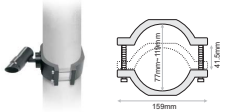
ACR.011 Honeycomb

ACR.012 Snoot Black
ACR.013 Snoot White

ACR.003 Plastic Spike

ACR.028 Concrete base

ACR.077 Belt S Accessory

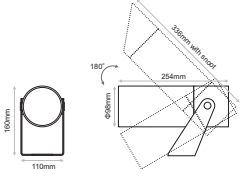


ACR.111 Pole Base Black
ACRW062 Pole Base White

OLLY 46

- Olly projectors consist of two models in terms of consumption: 46 and 27 watt.
- The series offers a variety of accessories: diffuser, honeycomb and snoot to ensure visual comfort.
- Olly offers accessories in terms of installation: plastic spike, concrete base, belt accessory and pole base.
- It is available in black or white colour as standard but other RAL colours are also available upon request
- Outer cable diameter: 7mm²
- Non dimmable
- L90/ B10 50000h
- Ingress protection: IP66
- Weight: 2.4kg

L90/B10 50.000h



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ELECTRON

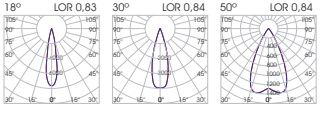
CREE LEDs

IP65

Model	CCT	CRI80 LED Source	Beam Angle	Colour	Voltage	Accessories
		80 *(80)*				(X X X)
OLLY 46.3W *(OLLY 46)*	2700K *(27C)*	*5520lm*	18° *(NR)*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*	Standard *(0XX)*
	3000K *(30C)*	*5520lm*	30° *(MD)*	White *(WH)*		SNOOT *(1XX)*
	4000K *(40C)*	*5930lm*	50° *(WD)*			Standard *(X0X)*
	5000K *(50C)*	*5930lm*				Honeycomb *(X1X)*
						Diffuser *(X2X)*
						extras
						No Extras *(XX0)*
						Plastic Spike *(XX1)*
						Pole Base* *(XX2)*
						Concrete Base *(XX3)*
						Belt *(XX4)*

* Pole base supplied black as standard.

Ordering Code Example: *OLLY 46-40C-80-MD-BL-230ND-104*



Accessories

ACR.095 Honeycomb

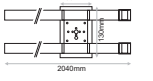
ACR.096 Diffuser

ACR.097 Snoot Black
ACRW098 Snoot White

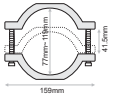
ACR.008 Plastic Spike

ACR.020 Concrete base

ACR.078 Belt Accessory



ACR.111 Pole Base Black
ACRW062 Pole Base White



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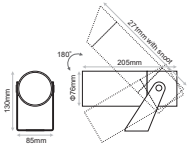
OLLY 27

- Olly projectors consist of two models in terms of consumption: 46 and 27 watt.
- The series offers a variety of accessories: diffuser, honeycomb and snoot to ensure visual comfort.
- Olly offers accessories in terms of installation: plastic spike, concrete base, belt accessory and pole base.
- It is available in black or white colour as standard but other RAL colours are also available upon request
- Outer cable diameter: 7mm²
- Non dimmable
- L90/ B10 50000h
- Ingress protection: IP66
- Weight: 1.4kg

L90/B10 50.000h



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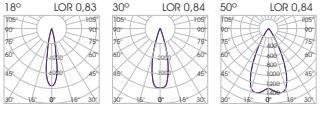
CREE LEDs | IP65

Model	CCT	CRI80 LED Source	Beam Angle	Colour	Voltage	Accessories
		80 *(80)*				*(X X X)*
OLLY 27.3W *(OLLY 27)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*3080lm* *3310lm* *3540lm* *3540lm*	18° *(NR)* 30° *(MD)* 50° *(WD)*	Black *(BL)* White *(WH)*	230VAC Non-Dimmable *(230ND)*	Standard *(0XX)* SNOOT *(1XX)* Standard *(X0X)* Honeycomb *(X1X)* Diffuser *(X2X)* ***extras*** No Extras *(XX0)* Plastic Spike *(XX1)* Pole Base* *(XX2)* Concrete Base *(XX3)* Belt *(XX4)*

* Pole base supplied black as standard.

Ordering Code Example: OLLY 27-40C-80-MD-BL-230ND-104



Accessories

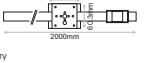
ACR.091 Honeycomb

ACR.092 Diffuser

ACR.093 Snoot Black
ACRW094 Snoot White

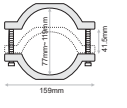
ACR.008 Plastic Spike

ACR.020 Concrete base



ACR.077 Belt S Accessory

ACR.111 Pole Base Black
ACRW062 Pole Base White



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GONZO 46

Gonzo is an outdoor projector series available either monochromatic or in RGBW.

- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass. T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 2x1.0mm^2 L=0.3m
- IK Rate: 06
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 12
- Weight: 4.2kg

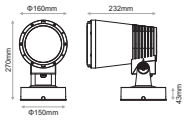
Model	CCT*	Luminaire Lumen	Beam Angle	Colour	Dimming Option
GONZO 46W *(GONZO 46)*	2700K *(27N)* 3000K *(30N)* 4000K *(40N)*	*3130lm* *3360lm* *3600lm*	9° *(09)* 15° *(15)* 20° *(20)* 30° *(30)* 45° *(45)*	Black *(BL)* White *(WH)*	24VDC PWM Dimmable *(24)*

LIGHTSOURCE BY NICHIA

IP66

* Available also in 5700K & 6500K upon request.

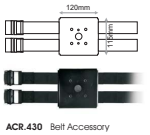
Ordering Code Example: GONZO 46-30N-30-BL-24



Accessories

ACR.432 Snoot Black
ACR.434 Snoot White

ACR.431 Plastic Spike



ACR.430 Belt Accessory

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GONZO 25

Gonzo is an outdoor projector series available either monochromatic or in RGBW.

- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass. T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 2x1.0mm^2 L=0.3m
- IK Rate: 06
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 6
- Weight: 2.5kg

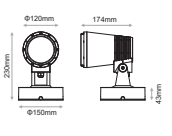
Model	CCT*	Luminaire Lumen	Beam Angle	Colour	Dimming Option
GONZO 25W *(GONZO 25)*	2700K *(27N)* 3000K *(30N)* 4000K *(40N)*	*1490lm* *1600lm* *1710lm*	9° *(09)* 15° *(15)* 20° *(20)* 30° *(30)* 45° *(45)*	Black *(BL)* White *(WH)*	24VDC PWM Dimmable *(24)*

LIGHTSOURCE BY NICHIA

IP66

* Available also in 5700K & 6500K upon request.

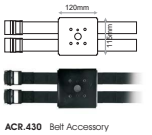
Ordering Code Example: GONZO 25-30N-30-BL-24



Accessories

ACR.429 Snoot Black
ACR.433 Snoot White

ACR.431 Plastic Spike



ACR.430 Belt Accessory

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GONZO 70 RGBWW

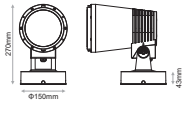
Gonzo is an outdoor projector series available either monochromatic or in RGBWW.

- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass. T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 5x0.5mm^2 L=0.3m
- IK Rate: 06
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 12
- Weight: 4.2kg

IP66

Model	CCT	Luminaire Lumen	Beam Angle	Colour	Dimming Option
GONZO 70W *(GONZO 70)*	RGBWW*(3000K)* *(RGBWW)*	*2054lm*	20° *(20)* 30° *(30)*	Black *(BL)* White *(WH)*	24VDC PWM Dimmable *(24)*

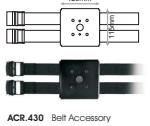
Ordering Code Example: GONZO 70-RGBWW-30-BL-24



Accessories

ACR.432 Snoot Black
ACR.434 Snoot White

ACR.431 Plastic Spike



ACR.430 Belt Accessory

GONZO 36 RGBWW

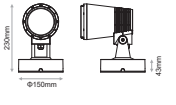
Gonzo is an outdoor projector series available either monochromatic or in RGBWW.

- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass. T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 5x0.5mm^2 L=0.3m
- IK Rate: 06
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 6
- Weight: 2.5kg

IP66

Model	CCT	Luminaire Lumen	Beam Angle	Colour	Dimming Option
GONZO 36W *(GONZO 36)*	RGBWW*(3000K)* *(RGBWW)*	*1240lm*	20° *(20)* 30° *(30)*	Black *(BL)* White *(WH)*	24VDC PWM Dimmable *(24)*

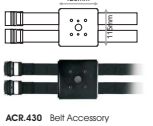
Ordering Code Example: GONZO 36-RGBWW-30-BL-24



Accessories

ACR.429 Snoot Black
ACR.433 Snoot White

ACR.431 Plastic Spike



ACR.430 Belt Accessory

TONDO

Exterior Projectors

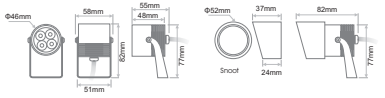
TONDO LED spotlight ideal in applications that require a small scale luminaire.

- Housing material: passivated aluminum
- Glass : Tempered glass T=4mm
- Power cable: H05RN-F 2x0.75mm² L=1.5m
- Outdoor installation: IP66
- Luminaire available in Anodized or Black Anodized colour.
- Available accessories: Snoot, Plastic Spike, Belt accessory

CREE LEDs | IP66

Model	CCT	CRI80 Luminaire Lumen	Beam Angle	Luminaire Colour	Voltage	Accessories
		>80 *(80)*				***COVER***
TONDO 6W *(TONDO 6)*	2700K *(27C)*	*300lm*	15° *(15)*	Anodized *(AN)*	12VDC Dimmable (20-100%) *(12)*	Standard *(0N)*
	3000K *(30C)*	*320lm*	20° *(20)*	Black Anodized *(BA)*		SNOOT Anodized *(1N)*
	4000K *(40C)*	*350lm*	40° *(40)*			SNOOT Black Anodized *(2N)*
	5600K *(56C)*	*370lm*				*(XX)*
						EXTRAS
						No Extras *(0N)*
						Belt *(0B)*
						Spike *(0S)*

Ordering Code Example:
TONDO 6-40C-80-20-AN-12-0B



ELECTRON

Exterior Projectors

TONDO MINI

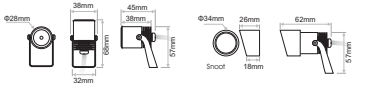
TONDO MINI is the smallest in scale LED spotlight.

- Housing material: passivated aluminum
- Glass : Tempered glass T=4mm
- Power cable: H05RN-F 0.75mm² L=1m
- Outdoor installation: IP66
- Luminaire available in Anodized or Black Anodized colour.
- Available accessories: Snoot, Plastic Spike, Belt accessory

CREE LEDs | IP66

Model	CCT	CRI80 Luminaire Lumen	Beam Angle	Luminaire Colour	Voltage	Accessories
		>80 *(80)*				***COVER***
TONDO MINI 2W *(TONDO MINI 2)*	2700K *(27C)*	*150lm*	17° *(17)*	Anodized *(AN)*	12VDC Dimmable (20-100%) *(12)*	Standard *(0N)*
	3000K *(30C)*	*160lm*	25° *(25)*	Black Anodized *(BA)*		SNOOT Anodized *(1N)*
	4000K *(40C)*	*170lm*	45° *(45)*			SNOOT Black Anodized *(2N)*
	5600K *(56C)*	*180lm*				*(XX)*
						EXTRAS
						No Extras *(0N)*
						Belt *(0B)*
						Spike *(0S)*

Ordering Code Example:
TONDO MINI 2-40C-80-45-AN-12-0B



ELECTRON

TONDO RETROFIT

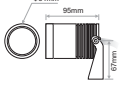
TONDO Retrofit is a luminaire suitable for GU10 LED lamps (max 9W).

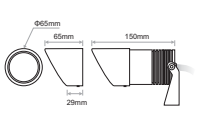
- Housing material: Passivated aluminum.
- Glass: Tempered glass T=3mm
- Power cable H05RN-F 3x1.0mm² L=1m
- Cable gland: PG7
- Gasket: O-ring PMQ silicone seal.
- Outdoor installation: IP66
- Luminaire available in Black or Dark Grey colour.
- Available accessories: Snoot, Plastic Spike, Belt accessory.
- GU10 lamp holder, max 9W (lamp not included).

Lamp
Not included

Code	Model	Colour	Lamp Holder	Dimensions	IP Rate
ALE.091	**TONDO RETROFIT**	Dark Grey	GU10 (max 9W)	Φ65x95mm	IP66
ALE.192	**TONDO RETROFIT**	Black	GU10 (max 9W)	Φ65x95mm	IP66

ACC.004
Honeycomb
(as extra)





ACC.011
Hood Dark Grey
(as extra)

ACC.013
Hood Black
(as extra)

ACC.006
Spike Black
(as extra)

ACC.231
Tree Belt Accessory
(as extra)

DENDO

DENDO is a LED spotlight with manually adjustable beam angle from 55° to 15°.

- Housing material: passivated aluminum.
- Power cable:
  HO5RN-F 2x1.0mm² open wires. L= 1 meter for 12VDC version.
  HO5RN-F 3x1.0mm² open wires. L= 1 meter for 230VAC version.
- Consumption: 12 Watt
- Outdoor installation: IP66
- Available accessories: Plastic spike, Belt accessory.

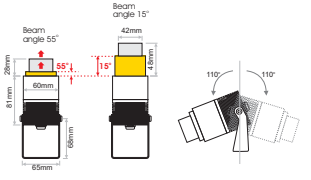
Selectable beam angle (From 15° to 55°)

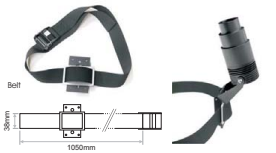
CREE LEDs

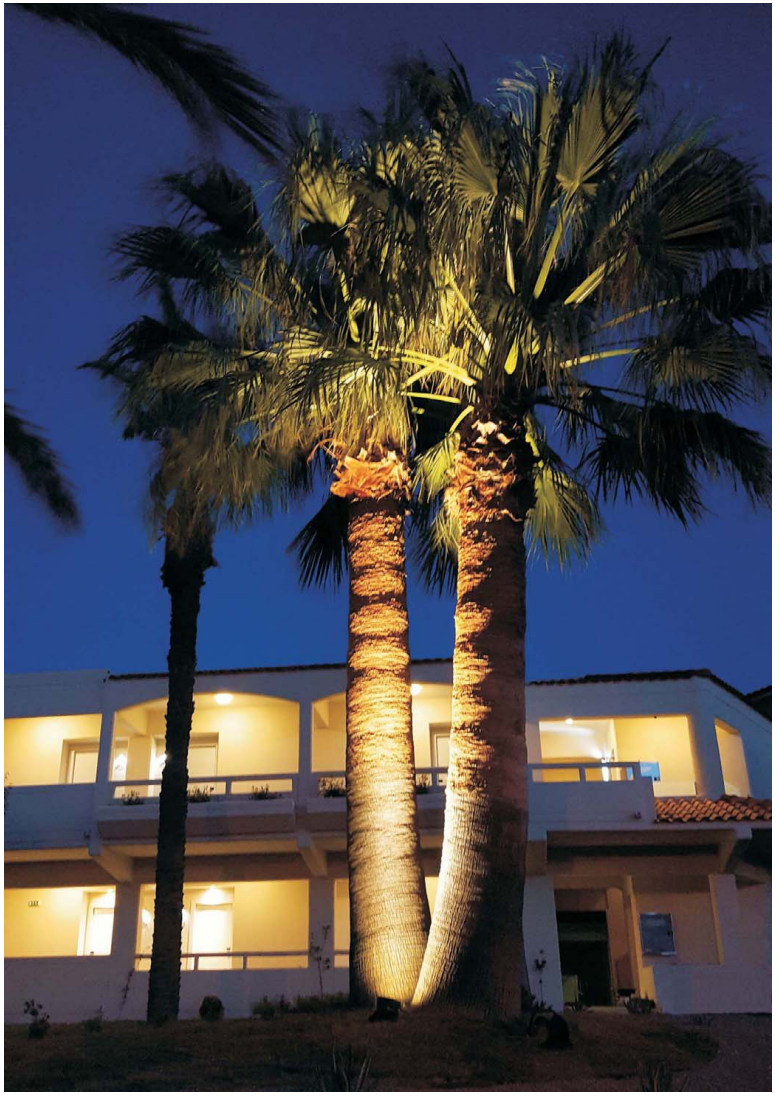
IP66

Model	CCT	*Luminaire Lumen*	CRI	Beam Angle	Luminaire Colour	Voltage	Accessories
DENDO 12W *(DENDO 12)*	2700K *(27C)*	*max 55° / 390lm min 15° / 170lm*	>80 *(80)*	Adjustable *(AD)* 15°[min]-55°[max]	Black *(BL)*	12VDC Dimmable (20-100%) *(12)*	No Accessory *(N)*
	3000K *(30C)*	*max 55° / 400lm min 15° / 180lm*			White *(WH)*	230VAC Non-Dimmable *(230)*	Spike *(S)*
	4000K *(40C)*	*max 55° / 410lm min 15° / 190lm*					Belt *(B)*
	5600K *(56C)*	*max 55° / 420lm min 15° / 200lm*					

Ordering Code Example:
DENDO 12-40C-80-AD-BL-230-S







Exterior Projectors

STORM WASH 61 ZOOM

- High power RGBW LED projector 180W.

SPECIFICATIONS

- Lumen Output: 3500+
- Lux at 5m: 5000lm (8° optics).
- USITT DMX 512 on board with optional DMX personalities.
- Display control on board for 3/4/5/6/12 channels, STATIC COLOUR, AUTO and CUSTOM.
- IP rating 66.
- Electronic zoom 8°-40°.
- Dimmer 0-100%.
- Strobe 0-20Hz.
- Weight 9Kgs.

IP66

Model	Code	No.LEDs	Colour	Input Voltage	Power Consumption	Dimensions	Weight	Beam Angle	IP Rate
STORM WASH 61 ZOOM	**PLE.037**	61	17R+17G+17B+10W	100-240VAC 50-60Hz	180W	302x237x311mm	9Kgs	8°-40°	IP66

ACCESSORIES

ACC.225
IP67 Power Extention Cable (5m)

ACC.226
IP67 DMX Extention Cable (5m)

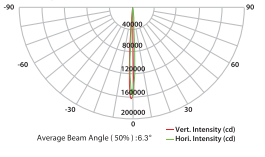
ACC.241
Filter Holder

ACC.239
Barn Doors

Top Hat

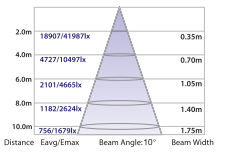
Holder for Top Hat

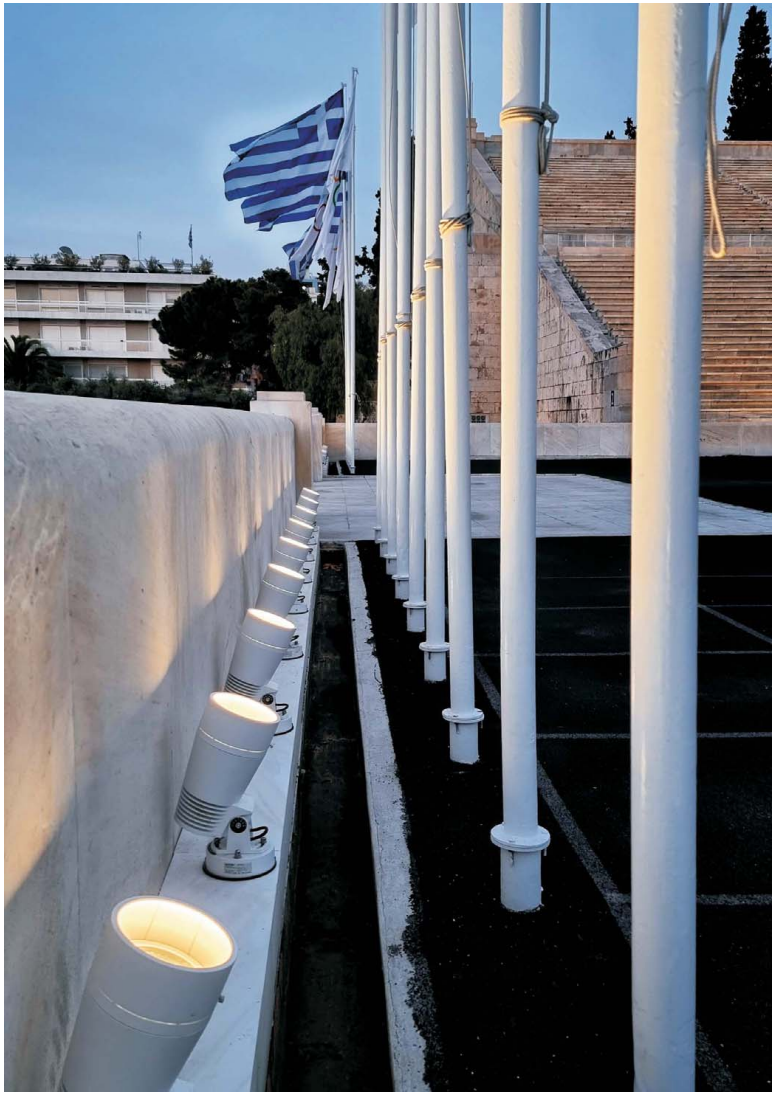
Intensity Distribution



Average Beam Angle (50%) : 6.3°

Illuminance at Distance





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EXTERIOR
INGROUND
SURFACE
WALL
BOLLARD

ELECTRON

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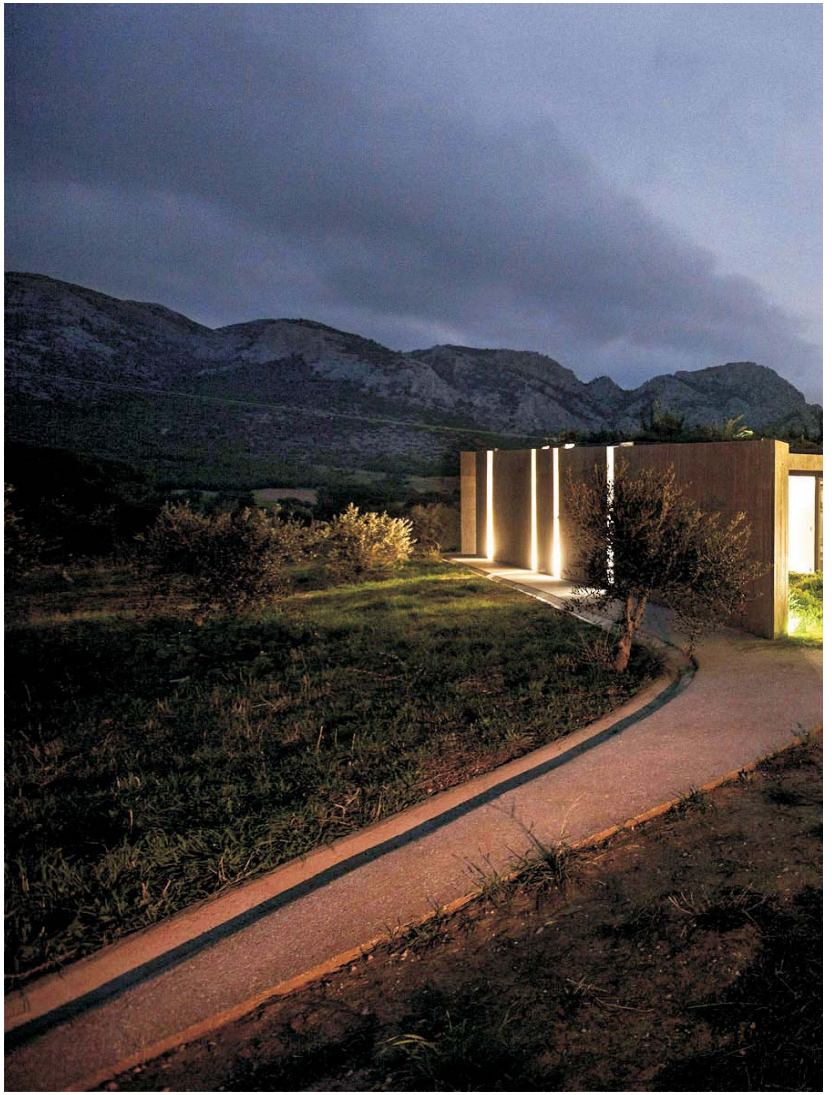

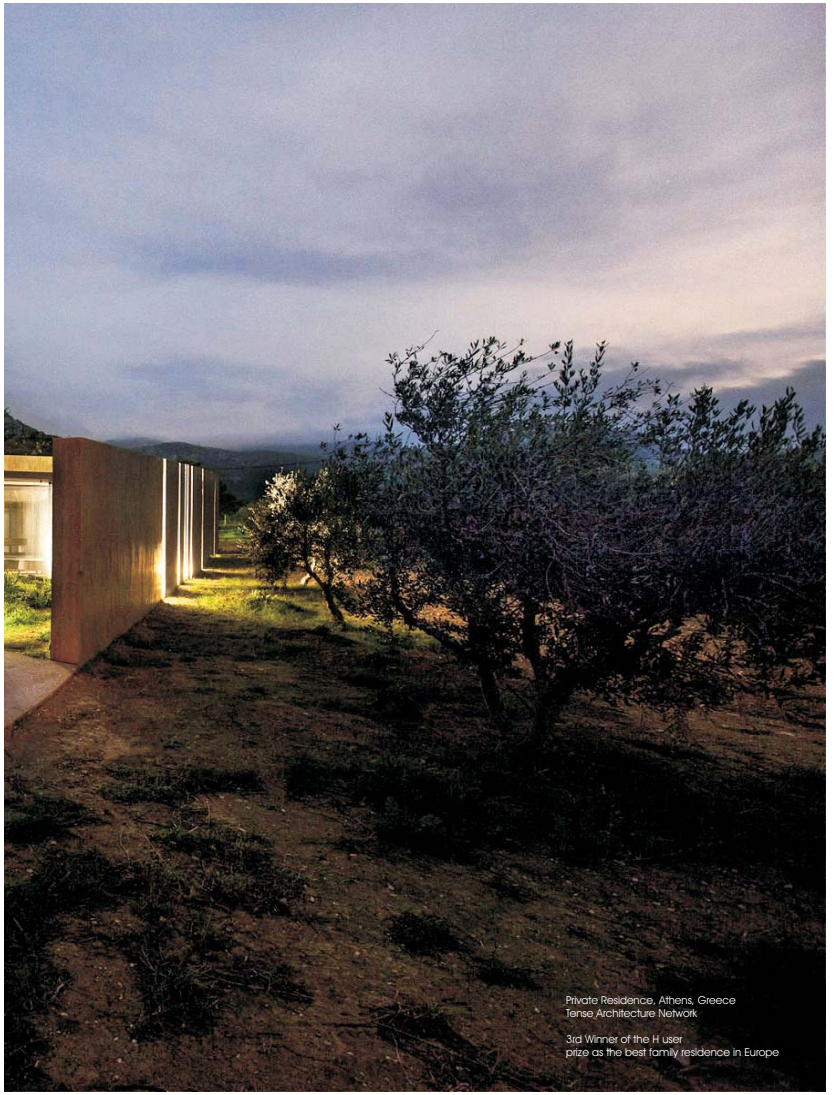

Private Residence, Athens, Greece
Tense Architecture Network

3rd Winner of the H user
prize as the best family residence in Europe

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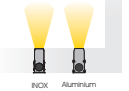
TERANO 25 IP68

Exterior Inground, Surface, Wall, Bollard

TERANO 25 IP68 is a custom made linear inground luminaire, available in standard lengths.

- TERANO offers excellent uniformity with colour consistency.
- It is available Opal/Clear with LED strips (Samsung LEDs) or with LED modules (CREE LEDs) with different lenses available.
- TERANO with LED modules are offered with honeycomb to ensure visual comfort.
- Housing material: Stainless steel 316 or anodized aluminium.
- Supplied with in-out IP68 cable & connector as standard (25cm models have only input cable connectors).
- Walk Over: Up to 500kg (5kN).
- Maximum Static Load: Up to 2000kg (20kN) for Opal & Clear models with Honeycomb.
- Ingress Protection: IP68
- IK Rate: IK10

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



L80/B10 >50.000h
for models with Samsung LED strips monochromatic, TW

L90/B10 >50.000h
for models with CREE LED modules

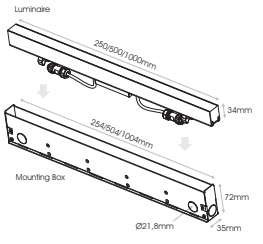
RESIN material:

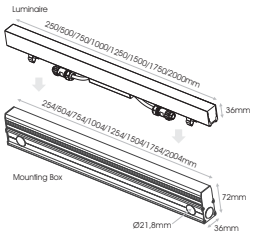
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279

Stainless Steel 316

Aluminium





TERANO 25 IP68

Exterior Inground, Surface, Wall, Bollard

CREE LEDs for 15°/25°/35°/15°x40°

LIGHTSOURCE BY SAMSUNG Opal/Clear for Monochromatic & TW

IP68

Model	Luminaire Type	CCT	CRI	15W/m Samsung Led Source	24W/m Cree Led Source	Type / Beam angle	Watt* / Length**	Voltage
TERANO 25 IP68 *(TERANO 25 68)*	Stainless *(SS)* Steel 316 Anodized *(AN)*	2700K	80 *(2780)*	1840lm	2530lm	***With LED strip (Samsung LEDs)***		24VDC *(24)*
		2700K	90 *(2790)*	1554lm	2220lm	Opal *(OP)* Clear *(CL)*	3.8W / 25cm *(04W025)*	
							7.5W / 50cm *(08W050)*	
							11.3W / 75cm** *(11W075)*	
		3000K	80 *(3080)*	1880lm	2690lm		15W / 100cm *(15W100)*	
		3000K	90 *(3090)*	1590lm	2370lm		18.8W / 125cm** *(20W125)*	
							22.5W / 150cm** *(23W150)*	
		4000K	80 *(4080)*	2000lm	2840lm		26.3W / 175cm** *(26W175)*	
		4000K	90 *(4090)*	1670lm	2530lm		30W / 200cm** *(30W200)*	
		5700K	80 *(5780)*	2045lm	2985lm			
		5700K	90 *(5790)*	1710lm	2530lm			
						With LED modules (CREE LEDs) & Honeycomb		
						Beam Angle	6W / 25cm *(06W025)*	
						15° *(15\)*	12W / 50cm *(12W050)*	
						25° *(25\)*	18W / 75cm** *(18W075)*	
						35° *(35\)*	24W / 100cm *(24W100)*	
						15x40° *(15\40\)*	30W / 125cm** *(30W125)*	
						(XX\Y)	36W / 150cm** *(36W150)*	
						Beam Tilt	42W / 175cm** *(42W175)*	
						No tilt *(\X0)*	48W / 200cm** *(46W200)*	
						2.5° *(\X1)*		
						5° *(\X2)*		
		TUNABLE WHITE		**20W/m Samsung**		***With LED strip (Samsung LEDs)***		
		TW (WW+CW)	80 *(TW80)*	2580lm		Opal *(OP)* Clear *(CL)*	20W / 100cm *(20W100)*	
			90 *(TW90)*	2240lm				
		RGBW		**19.5W/m**		***With LED strip***		
		RGBW *(RGBW)*		880lm		Opal *(OP)* Clear *(CL)*	19.5W / 100cm *(19W100)*	

* Different power consumptions are available upon request.
** 75,125,150,175,200cm are available only for anodized model.

Ordering Code Example: TERANO 25 68-AN-4080-251-24W100-24

Accessories

30cm IP68 in line cable connectors for luminaire connections

2 pole **WIR.256**
3 pole **WIR.257**
4 pole **WIR.258**
5 pole **WIR.259**
(other cable lenghts upon request)

50cm IP68 Power supply cable connector

2 pole **WIR.252**
3 pole **WIR.253**
4 pole **WIR.254**
5 pole **WIR.255**
(other cable lenghts upon request)

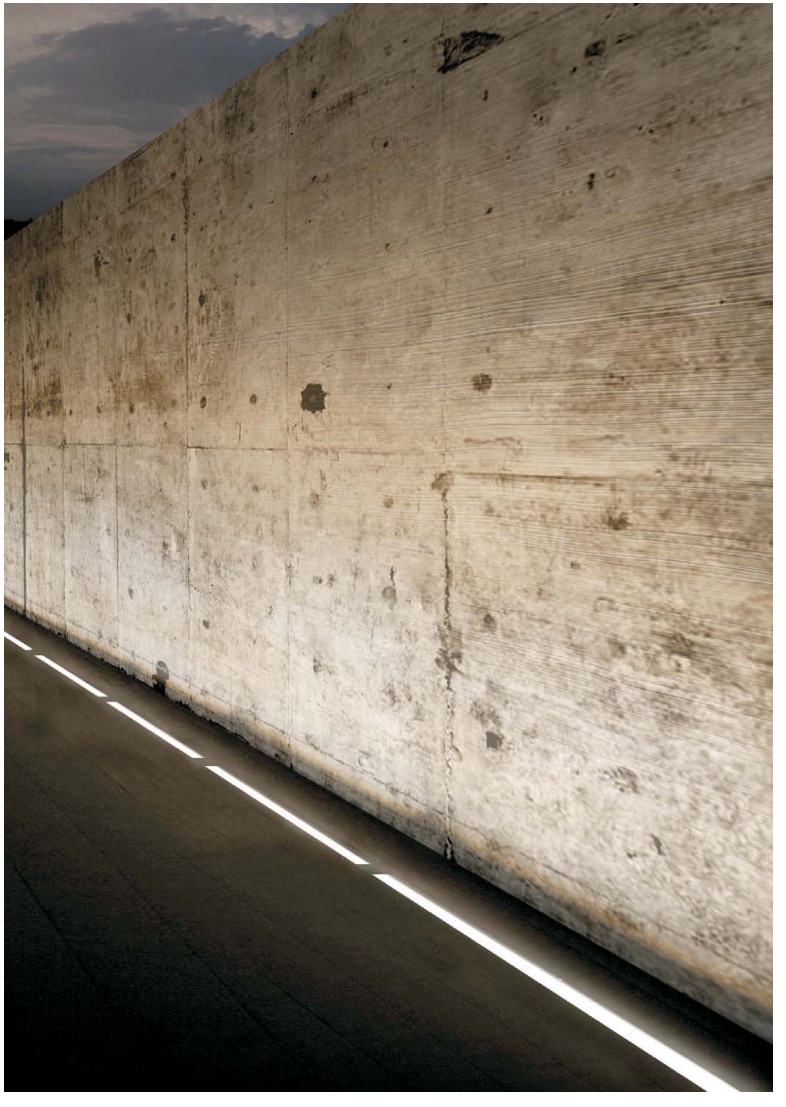
CNC.106
IP68 Junction box 4way / 2--5pole

CNC.109
IP68 Joint connector 2way / 2--5pole

PRH.109
Alligment kit for Stainless steel model

PRH.108
Alligment kit for anodized model

PRH.110
Disassembly kit. Use to take the fixture out of the mounting box.



NORMA II

Exterior Inground, Surface, Wall, Bollard

NORMA II inground linear luminaire is available in two standard lengths.

- Outdoor installation: IP67
- User can step on the luminaires.
- Housing: Extruded aluminum, powder coated.
- Front cover: Hard chromeplated stainess steel SUS 316L.
- Tempered frosted step glass.T=6mm
- Cable gland: IP-68 PG-9 Pa66.
- Operating temperature: -20˚C~40˚C
- Mounting sleeve: Powder Coated Aluminum 137# 138#
- PWM Dimmable
- IK 07

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

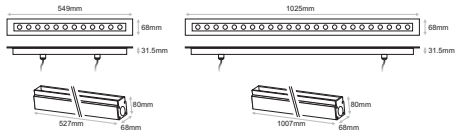
LIGHTSOURCE BY OSRAM

IP67

Model	Watt	CCT*	Lumen	Beam Angle	Voltage
NORMA II 54.9cm *(NORMA II 55)*	22W *(22)*	2700K *(WWO)*	*1020lm*	20° *(20)*	24VDC *(24)*
		3000K *(NWO)*	*1108lm*	25° *(25)*	
		4000K *(CWO)*	*1203lm*	30° *(30)*	
				35° *(35)*	
				45° *(45)*	
NORMA II 102.5cm *(NORMA II 102)*	44W *(44)*	2700K *(WWO)*	*2055lm*	35°x10° *(3510)*	
		3000K *(NWO)*	*2198lm*		
		4000K *(CWO)*	*2349lm*		

* 5600K also available upon requst.
** CRI 80 only for monochromatic version.

Ordering Code Example: *NORMA II 102-44-CWO-45-24*



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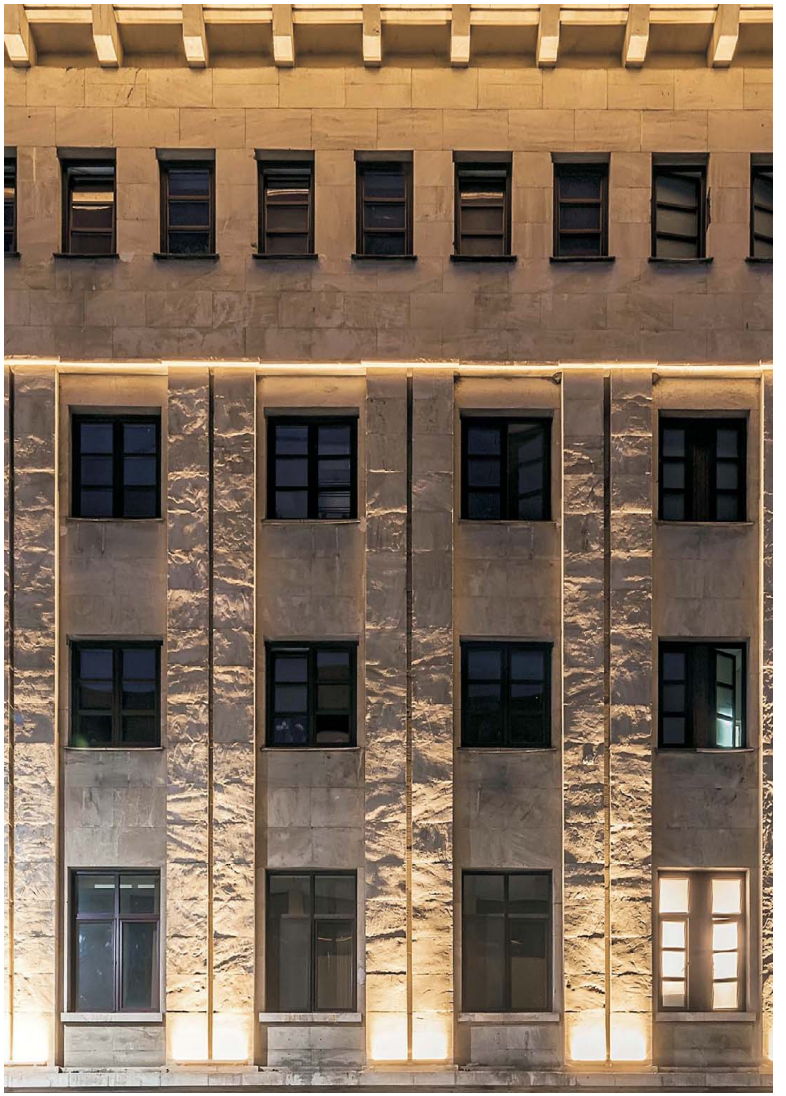

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GRAVITO XL 13

Exterior Inground, Surface, Wall, Bollard

- Inground spot with honeycomb accessory
- Front plate: Stainless steel 316L
- Housing: Die-cast powder coated aluminum
- Mounting base: ABS 016
- Glass: Tempered glass. T=8mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H07RN-F 2x1.0mm² L=0.5m
- IK Rate: 07
- Ingress Protection: IP67
- PWM Dimmable
- Number of LEDs: 6
- Power Consumption: 12 Watt
- Maximum load: 2000kgs

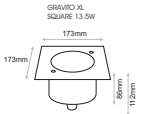
LIGHTSOURCE BY OSRAM

IP67

Model	CCT	Luminaire Lumen	Type	CRI	Beam Angle	Voltage	Accessories
GRAVITO XL ROUND 13.5W *(GRAVITO XL RD13)*	3000K *(30O)* 4000K *(40O)*	*783lm* *870lm*	Fixed *(FX)*	>80 *(80)*	9° *(09)* 15° *(15)* 20° *(20)* 30° *(30)* 45° *(45)*	24VDC PWM Dimmable *(24)*	***COVER*** Standard *(0X)* Honeycomb *(1X)* *(XX)* ***EXTRAS*** No Extras *(X0)*
GRAVITO XL SQUARE 13.5W *(GRAVITO XL SQ13)*							

Ordering Code Example: *GRAVITO XL RD13-30O-FX-80-45-24-10*

ACC.279
Honeycomb supplied as extra



Recessed Housing Box
as standard

ELECTRON

Exterior Inground, Surface, Wall, Bollard

DOKOS

- DOKOS Inground LED luminaire.
- Front plate: Stainless Steel.
- 1800kg maximum weight.
- Osram LED
- IK rate: 09
- Dimmable

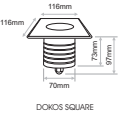
LIGHTSOURCE BY OSRAM

IP67

Code	Model*	No.LED	CCT	Watt	Lumens	Lumen Efficacy	Diameter	Voltage	Beam Angle	IP Rate
LGR.086	DOKOS ROUND	3	5600K	6W	475lm	79lm/W	116mm	24VDC	20°	IP67
LGR.087	DOKOS ROUND	3	3000K	6W	375lm	63lm/W	116mm	24VDC	20°	IP67
LGR.106	DOKOS ROUND	3	5600K	6W	475lm	79lm/W	116mm	24VDC	35°x45°	IP67
LGR.105	DOKOS ROUND	3	3000K	6W	375lm	63lm/W	116mm	24VDC	35°x45°	IP67

* Available in square upon request

DOKOS ROUND



DOKOS SQUARE

DOKOS SQUARE

GRETTO

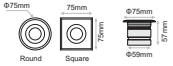
Exterior Inground, Surface, Wall, Bollard

- Gretto is an outdoor inground luminaire available either round or square.
- It has minimal aesthetic: luminaire installed with no visible screws.
- Body material: aluminium.
- Frame: stainless steel, AISI 316.
- Mounting box: plastic frame casing
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Safety glass: 6mm
- Power cable HO5RN-F 2x0.75mm^2 L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR<19 (6°, 15°, 30°, 46°)
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

CREE LEDs | IP67

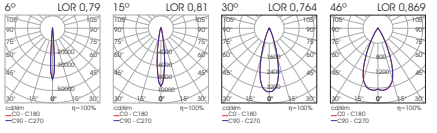
Model	LED Power	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Shape	Type	Dimming Option	Accessories
			80 (80)	90 (90)					
GRETTO (GRETTO)	**6.5W** (7)	2700K (27C)	713lm	570lm	15° (15)	Round (RD)	Fixed (FX)	Without Driver (00)	*COVER*
		3000K (30C)	713lm	615lm	30° (30)	Square (SQ)		24VDC Non Dimmable (24ND)	Standard (0⁄)
		4000K (40C)	765lm	660lm	46° (46)			230V Phase Cut (230PC)	Honeycomb (1⁄)
		5000K (50C)	765lm	713lm					Softening lens (2⁄)
		6500K (65C)	765lm	-					Line spread lens (3⁄)
									(XX)
	4.1W (4)	2700K (27C)	440lm	355lm	6° (06)				*EXTRAS*
		3000K (30C)	440lm	380lm					No Extras (⁄0)
		4000K (40C)	475lm	410lm					Emergency Kit (⁄1)
		5000K (50C)	410lm	440lm					

Ordering Code Example: GRETTO 7-30C-90-46-RD-FX-00-10



ACR.053 Honeycomb (as extra)
ACR.050 Softening lens (as extra)
ACR.051 Line spread lens (as extra)

ACR.049
Recessed Box (as extra)



Exterior Inground, Surface, Wall, Bollard

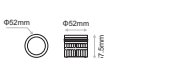
GRETTO TR
(Trimless)

- Gretto is an outdoor luminaire available in trimless round version.
- Body material: aluminium
- Trimless box: Aluminium dark grey colour or Stainless Steel 316 (ordered as extra).
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Safety glass: 6mm
- Power cable HO5RN-F 2x0.75mm^2 L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR<19 (6°, 15°, 30°, 46°)
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

CREE LEDs | IP67

Model	LED Power	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Dimming Option	Accessories
			80 (80)	90 (90)				
GRETTO Trimless (GRETTO TR)	**6.5W** (7)	2700K (27C)	713lm	570lm	15° (15)	Fixed (FX)	Without Driver (00)	*COVER*
		3000K (30C)	713lm	615lm	30° (30)		24VDC Non Dimmable (24ND)	Standard (0⁄)
		4000K (40C)	765lm	660lm	46° (46)		230V Phase Cut (230PC)	Honeycomb (1⁄)
		5000K (50C)	765lm	713lm				Softening lens (2⁄)
		6500K (65C)	765lm	-				Line spread lens (3⁄)
								(XX)
	4.1W (4)	2700K (27C)	440lm	355lm	6° (06)			*EXTRAS*
		3000K (30C)	440lm	380lm				No Extras (⁄0)
		4000K (40C)	475lm	410lm				Emergency Kit (⁄1)
		5000K (50C)	410lm	440lm				

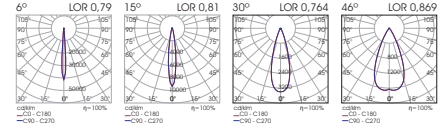
Ordering Code Example: GRETTO TR7-30C-90-46-FX-00-10



ACR.053 Honeycomb (as extra)
ACR.050 Softening lens (as extra)
ACR.051 Line spread lens (as extra)

ACR.055
Trimless Box
Aluminium (as extra)

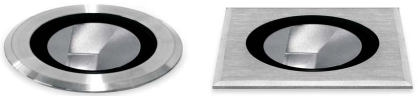
ACR.080
Trimless Box
Stainless Steel 316 (as extra)



GRETTO WASH

Exterior Inground, Surface, Wall, Bollard

- Gretto Wash is an outdoor inground luminaire available either round or square.
- It has minimal aesthetic: luminaire installed with no visible screws.
- Body material: aluminium.
- Frame: stainless steel, AISI 316.
- Mounting box: plastic frame casing
- Safety glass: 6mm
- Power cable HO5RN-F 2x0.75mm^2 L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Static load resistance: 2000 kgs
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

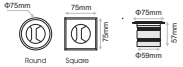


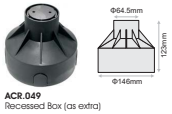
CREE LEDs

IP67

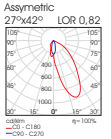
Model	LED Power	CCT	CRI80 *LED Source*	CRI90 *LED Source*	Beam Angle	Shape	Type	Dimming Option	Extras
			80 *(80)*	90 *(90)*					
GRETTO WASH *(GRETTO W)*	**4.1W** *(4)*	2700K *(27C)*	*440lm*	*355lm*	Assymetric *(AS)* 27°x42°	Round *(RD)*	Fixed *(FX)*	Without Driver *(00)*	No Extras *(0)*
		3000K *(30C)*	*440lm*	*380lm*		Square *(SQ)*		24VDC Non Dimmable *(24ND)*	Emergency Kit *(1)*
		4000K *(40C)*	*475lm*	*410lm*				230V Non Dimmable *(230ND)*	
		5000K *(50C)*	*410lm*	*440lm*					

Ordering Code Example:
GRETTO W4-30C-90-AS-RD-FX-00-0





ACR.049
Recessed Box (as extra)



Exterior Inground, Surface, Wall, Bollard

GRETTO TR WASH

- Gretto Wash is an outdoor luminaire available in trimless round version.
- Body material: aluminium
- Trimless box: Aluminium dark grey colour or Stainless Steel 316 (ordered as extra).
- Safety glass: 6mm
- Power cable HO5RN-F 2x0.75mm^2 L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR<19 (Assymetric 27°x42°)
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

CREE LEDs

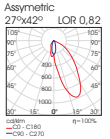
IP67

Model	LED Power	CCT	CRI80 *LED Source*	CRI90 *LED Source*	Beam Angle	Type	Dimming Option	Extras
			80 *(80)*	90 *(90)*				
GRETTO Trimless WASH *(GRETTO TR W)*	**4.1W** *(4)*	2700K *(27C)*	*440lm*	*355lm*	Assymetric *(AS)* 27°x42°	Fixed *(FX)*	Without Driver *(00)*	No Extras *(0)*
		3000K *(30C)*	*440lm*	*380lm*			24VDC Non Dimmable *(24ND)*	Emergency Kit *(1)*
		4000K *(40C)*	*475lm*	*410lm*			230V Non Dimmable *(230ND)*	
		5000K *(50C)*	*410lm*	*440lm*				

Ordering Code Example:
GRETTO TR W4-30C-90-AS-FX-00-0

ACR.055
Trimless Box
Aluminium (as extra)

ACR.080
Trimless Box
Stainless Steel 316 (as extra)



GRETTO DF
(Diffused)

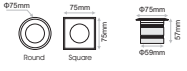
Exterior Inground, Surface, Wall, Bollard

- Gretto Diffused is an outdoor inground luminaire available either round or square.
- It has minimal aesthetic: luminaire installed with no visible screws.
- Body material: aluminium.
- Frame: stainless steel, AISI 316.
- Mounting box: plastic frame casing
- Safety glass: 6mm
- Power cable HO5RN-F 2x0.75mm² L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Static load resistance: 2000 kgs
- Ingress Protection: IP67
- IK Rate: IK07

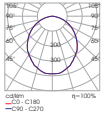
LIGHTSOURCE BY bridgelux. IP67

Model	LED Power	CCT	CRI80 LED Source	Beam Angle	Shape	Type	Dimming Option	Extras
			80 *(80)*					
GRETTO Diffused *(GRETTO DF)*	**2.1W** *(2)*	2700K *(27B)* 261lm 3000K *(30B)* 271lm 4000K *(40B)* 286lm		Diffused *(DF)*	Round *(RD)* Square *(SQ)*	Fixed *(FX)*	Without Driver *(00)* 24VDC Non Dimmable *(24ND)* 230V Phase Cut *(230PC)*	No Extras *(0)* Emergency Kit *(1)*

Ordering Code Example: GRETTO DF2-30B-80-DF-SQ-FX-00-0



ACR.049
Recessed Box (as extra)



Exterior Inground, Surface, Wall, Bollard

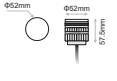
GRETTO TR DF
(Trimless Diffused)

- Gretto Diffused is an outdoor luminaire available in trimless round version.
- Body material: aluminium
- Trimless box: Aluminium dark grey colour or Stainless Steel 316 (ordered as extra).
- Safety glass: 6mm
- Power cable HO5RN-F 2x0.75mm² L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR<19 (Diffused)
- Ingress Protection: IP67
- IK Rate: IK07

LIGHTSOURCE BY bridgelux. IP67

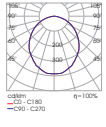
Model	LED Power	CCT	CRI80 LED Source	Beam Angle	Type	Dimming Option	Extras
			80 *(80)*				
GRETTO Trimless Diffused *(GRETTO TR DF)*	**2.1W** *(2)*	2700K *(27B)* 261lm 3000K *(30B)* 271lm 4000K *(40B)* 286lm	Diffused *(DF)*		Fixed *(FX)*	Without Driver *(00)* 24VDC Non Dimmable *(24ND)* 230V Phase Cut *(230PC)*	No Extras *(0)* Emergency Kit *(1)*

Ordering Code Example: GRETTO TR DF2-30B-80-DF-FX-00-0



ACR.055
Trimless Box
Aluminium (as extra)

ACR.080
Trimless Box
Stainless Steel 316 (as extra)



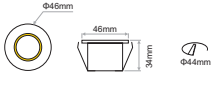
Exterior Inground, Surface, Wall, Bollard

DAVIDA

- Davida is a decorative inground luminaire.
- Luminaire body material: stainless steel 316.
- Mounting box: plastic frame casing.
- Power cable: 2x0.25mm^2
- Outer cable diameter : 3.5mm^2
- Ingress Protection: IP67
- IK Rate: IK06

CREE LEDs IP67

Code	CCT	Watt	CRI	Dimensions	Diameter	Voltage	IP Rate
LGR.117	3000K	1.4W	80	Φ46x34mm	46mm	24VDC	IP67



BETTINA

Exterior Inground, Surface, Wall, Bollard

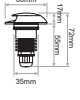
BETTINA Series is an inground luminaire available with one, two or four openings.

- Housing: aluminum
- Front cover: Stainless steel 316
- Mounting box: plastic frame casing.
- Power cable: H05RN-F 2x0.75mm^2 L=1.5m
- Ingress Protection: IP67
- Maximum load 2000kgs

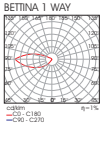
Model*	CCT**	CRI80 LED Source	CRI70 LED Source	Type	Voltage	Accessories
		80 (80)	70 (70)			
BETTINA 1 WAY 3W (BETTINA 1)	3000K (30C)	57lm	-	Fixed (FX)	12VDC (12)	**COVER** Standard (00)
BETTINA 2 WAY 3W (BETTINA 2)	4000K (40C)	62lm	-			(XX)
BETTINA 4 WAY 3W (BETTINA 4)	5700K (57C)	-	70lm			**EXTRAS** No Extras (00)

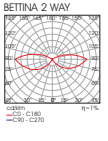
*Available in 3-ways open upon request
**Other colours available upon request.

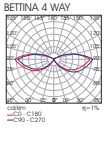
Ordering Code Example: BETTINA 2-30C-80-FX-12-00



ACC.008
Mounting Box for BETTINA





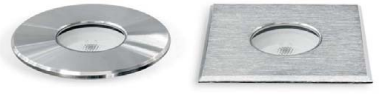


Exterior Inground, Surface, Wall, Bollard

HYDRA

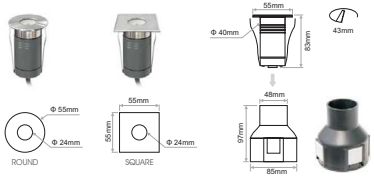
HYDRA is a small inground luminaire available with honeycomb as extra.

- Inground spot with honeycomb accessory.
- Housing: Die-cast powder coated aluminum.
- Front plate: Stainless steel 316
- Mounting box: plastic frame casing ABS 011.
- Glass: Tempered glass. T=7mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 2x1.0mm^2 L=0.5m
- IK Rate: 08
- Ingress Protection: IP67
- PWM Dimmable
- Number of LEDs: 1
- Power Consumption: 2.6Watt
- Maximum load 1700kgs



Model	CCT	Luminaire Lumen	Type	CRI	Beam Angle	Voltage	Accessories
HYDRA ROUND 2.6W (HYDRA RD3)	2700K (27O)	115lm	Fixed (FX)	80 (80)	9° (09)	24VDC PWM Dimmable (24)	**COVER** Standard (00)
HYDRA SQUARE 2.6W (HYDRA SQ3)	3000K (30O)	125lm			15° (15)		Honeycomb (HX)
	4000K (40O)	135lm			20° (20)		(XX)
	5600K (56O)	145lm			30° (30)		**EXTRAS** No Extras (00)
					45° (45)		
					45°X35° (4535)		

Ordering Code Example: HYDRA RD3-30O-80-30-FX-24-10



Honeycomb
available as extra

ZERO

Exterior Inground, Surface, Wall, Bollard

ZERO is a small inground luminaire.

- Housing: aluminum
- Front cover: stainless steel 316
- Glass : Tempered glass T=4mm
- Mounting box: aluminum
- Cable gland: PG7 cooper with nickel coated.
- Power cable: H05RN-F 2x0.75mm² L=1.5m
- IK Rate: 06
- Ingress Protection: IP67
- Maximum load 320kgs

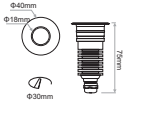
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

CREE LEDs

IP67

Code	No.LED	Watt	Lumen	Colour Temperature*	Dimensions	Diameter	Max. Kg	Voltage	Beam Angle	IP Rate	
LGR.133	1	3W	100lm	2700K	Φ40x75mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.091	1	3W	110lm	3000K	Φ40x75mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.090	1	3W	130lm	5600K	Φ40x75mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable

*Other CCT available upon request.
**Available in 10°, 40° & 60° degrees upon request.



ACC.010
Mounting Box for ZERO

ACC.005
Diffused glass (as extra)

Exterior Inground, Surface, Wall, Bollard

ZERO-S

ZERO-S is a low depth small inground luminaire.

- Housing: aluminum
- Front cover: stainless steel 316
- Glass : Tempered glass T=4mm
- Mounting box: aluminum
- Cable gland: PG7 cooper with nickel coated.
- Power cable: H05RN-F 2x0.75mm² L=1.5m
- IK Rate: 06
- Ingress Protection: IP67
- Maximum load 320kgs

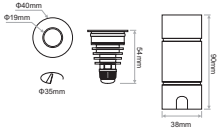
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

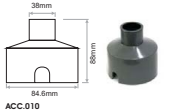
CREE LEDs

IP67

Code	No.LED	Watt	Lumen	Colour Temperature*	Dimensions	Diameter	Max. Kg	Voltage	Beam Angle**	IP Rate	
LGR.132	1	3W	110lm	2700K	54x40mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.089	1	3W	115lm	3000K	54x40mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.088	1	3W	130lm	5600K	54x40mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable

*Other CCT available upon request.
**Available in 10°, 40° & 60° degrees upon request.





ACC.010
Mounting Box for ZERO

ACC.004
Diffused glass (as extra)

ZERO ST

Exterior Inground, Surface, Wall, Bollard

ZERO ST is an inground stainless steel small scale luminaire.

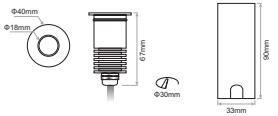
- Housing: stainless steel 316
- Front cover: stainless steel 316
- Glass : Tempered glass T=4mm
- Mounting box: aluminum
- Cable gland: PG7 cooper with nickel coated.
- Power cable: H05RN-F 2x0.75mm^2 L=1.5m
- IK Rate: 06
- Ingress Protection: IP67
- Maximum load 320kgs

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

CREE LEDs IP67

Model / Colour Temperature	No.LED	Watt	Lumen	Dimensions	Diameter	Max. Kg	Voltage	Beam Angle*	IP Rate	
ZERO ST / 2700K	1	3W	100lm	Φ40x67mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
ZERO ST / 3000K	1	3W	110lm	Φ40x67mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
ZERO ST / 5600K	1	3W	130lm	Φ40x67mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable

*Available in 10°, 40° & 60° degrees upon request.



ACC.005
Diffused glass (as extra)

Exterior Inground, Surface, Wall, Bollard

MINIFLO

- MINIFLO is a small inground luminaire available round & square.
- Stainless steel face A1S1 316L & pure aluminium body, powder coated painted.
- Inground / ceiling recessed / wall recessed installation.
- Tempered glass.
- Dimmable
- IP67

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

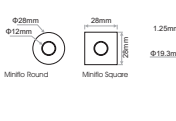
CREE LEDs IP67

Code	Model	No.LED	LED Power	Lumen	CCT*	Dimensions	Diameter	Max. Kg	Voltage	Beam Angle**	IP Rate	
Miniflo Round												
LGR.092	Miniflo Round	1	1W	110lm	5600K	25x45mm	25mm	500Kg	12VDC	80°	IP67	Dimmable
LGR.134	Miniflo Round	1	1W	52lm	2700K	28x44mm	28mm	500Kg	12VDC	35°	IP67	Dimmable
LGR.135	Miniflo Round	1	1W	56lm	3000K	28x44mm	28mm	500Kg	12VDC	35°	IP67	Dimmable
Miniflo Square												
LGR.094	Miniflo Square	1	1W	110lm	5600K	25x45mm	25x25mm	500Kg	12VDC	80°	IP67	Dimmable
LGR.095	Miniflo Square	1	1W	83lm	3000K	25x45mm	25x25mm	500Kg	12VDC	80°	IP67	Dimmable

*Other colours available upon request.
**Available in 45° degrees upon request.

*Other colours available upon request.
**Available in 60° degrees upon request.

*Other colours available upon request.
**Available in 45° degrees upon request.



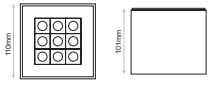
ACC.009
Mounting Box for MINIFLO

BOX 24SF

Box surface series is a complete series of surface mounted luminaires available in 3 different models in terms of consumption, each offered at different beam angles. Ideal for minimal architectural applications with low glare level due to the design of the luminaire.

- Ingress Protection: IP65
- IK Rate: IK06
- Glare Rating: UGR <12.7 (16°), <12.5 (20°), <10.5 (26°), <20.9 (40°), <23.1 (60°), <15.1 (16°x30°)
- Phase Cut Dimmable or Non-Dimmable.
- Weight: 1,5kg

L90/B10 50.000h



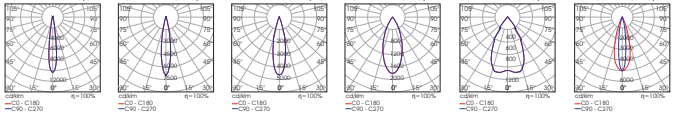
CREE LEDs

IP65

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option
BOX 23.8W Surface *(BOX 24SF)*	2700K *(27C)* *2457lm* 3000K *(30C)* *2628lm* 4000K *(40C)* *2628lm* 6500K *(65C)* *2948lm*		16° *(VN)* 20° *(NR)* 26° *(MD)* 40° *(WD)* 60° *(VW)* 16°x30° *(AS)*	Black *(BL)* White *(WH)*	230VAC Non-Dimmable *(230ND)* 230VAC Phase Cut Dimmable* *(230D)*

* By trailing edge dimmers.

Ordering Code Example: BOX 24SF-30C-NR-BL-230D

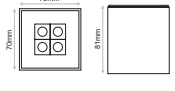


BOX 9SF

Box surface series is a complete series of surface mounted luminaires available in 3 different models in terms of consumption, each offered at different beam angles. Ideal for minimal architectural applications with low glare level due to the design of the luminaire.

- Ingress Protection: IP65
- IK Rate: IK06
- Glare Rating: UGR <13.4 (12°), <11.6 (17°), <12.2 (25°), <19.3 (35°), <22.7 (60°), <16.3 (16°x30°)
- Phase Cut Dimmable or Non-Dimmable.
- Weight: 0,60kg

L90/B10 50.000h



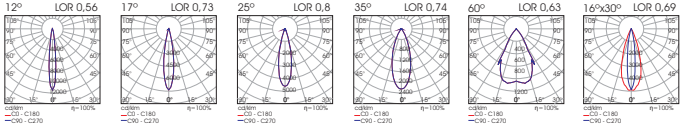
CREE LEDs

IP65

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option
BOX 9.2W Surface *(BOX 9SF)*	2700K *(27C)* 988lm		12° *(VN)*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*
	3000K *(30C)* 1056lm		17° *(NR)*	White *(WH)*	230VAC Phase Cut Dimmable* *(230D)*
	4000K *(40C)* 1056lm		25° *(MD)*		
	6500K *(65C)* 1185lm		35° *(WD)*		
			60° *(VW)*		
			16°x30° *(AS)*		

* By trailing edge dimmers.

Ordering Code Example: BOX 9SF-30C-NR-BL-230D

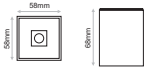


BOX 5SF

Box surface series is a complete series of surface mounted luminaires available in 3 different models in terms of consumption, each offered at different beam angles. Ideal for minimal architectural applications with low glare level due to the design of the luminaire.

- Ingress Protection: IP65
- IK Rate: IK06
- Glare Rating: UGR <15.1 (17°), <15.7 (21°), <14 (28°), <23.5 (32°), <25.2 (60°), <20.3 (16°x30°)
- Phase Cut Dimmable
- Weight: 0,37kg

L90/B10 50.000h



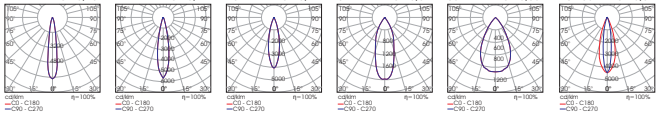
CREE LEDs

IP65

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option
BOX 4.4W Surface *(BOX 5SF)*	2700K *(27C)*	*410lm*	17° *(VN)*	Black *(BL)*	230VAC Phase Cut Dimmable* *(230D)*
	3000K *(30C)*	*440lm*	21° *(NR)*	White *(WH)*	
	4000K *(40C)*	*475lm*	28° *(MD)*		
	6500K *(65C)*	*510lm*	32° *(WD)*		
			60° *(VW)*		
			16°x30° *(AS)*		

* By trailing edge dimmers.

Ordering Code Example: *BOX 5SF-30C-WD-WH-230D*



DORIS C13

Exterior Inground, Surface, Wall, Bollard

DORIS C13 is an outdoor surface luminaire available in black or white colour.

- Housing: Aluminium
- UGR<10 @ 17°, 33° & UGR<19 @ 52°
- 3 SDCM
- L90/B10 50000h
- IK Rate: IK08
- Ingress Protection: IP65

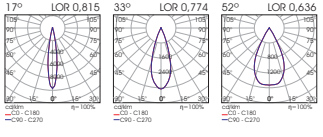
CREE LEDs

IP65

Model	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
		CR80						
DORIS 13W Ceiling *(DORIS C13)*	2700K *(27C)*	1590lm	Fixed *(FX)*	80 *(80)*	17° *(17)*	Black *(BL)*	Non Dimmable *(ND)*	Standard *(00)*
	3000K *(30C)*	1710lm			33° *(33)*	White *(WH)*	DALI* *(DL)*	Honeycomb *(01)*
	4000K *(40C)*	1830lm			52° *(52)*		Phase Cut *(PC)*	
	5000K *(50C)*	1710lm						

* Wattage: 9W

Ordering Code Example: *DORIS C13-40C-80-FX-17-BL-ND-01*



With Honeycomb

Exterior Inground, Surface, Wall, Bollard

ADORNO SF IP44 Retrofit

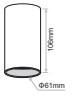
- Adorno series surface luminaire with GU10 lampholder, max 7.5W (lamp not included).
- Housing Material: Powder coated Aluminium.
- Minimal aesthetic for contemporary architectural design.
- Ingress Protection: IP44

Not included

IP44

Model	Colour	Type	Lamp Holder
ADORNO SF IP44 Retrofit *(ADORNO SF44R)*	White *(WH)*	Fixed *(FX)*	GU10 (max 7.5W) *(G1)*
	Black *(BL)*		

Ordering Code Example: *ADORNO SF44R-WH-FX-G1*



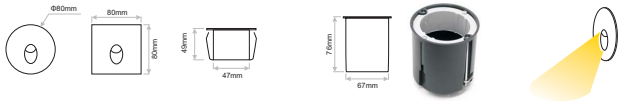
POROS

Exterior Inground, Surface, Wall, Bollard

- Housing: Stainless steel 316
- Power cable : H05RN-F 2x0.75mm^2=0.3m
- Outdoor installation: IP65
- Mounting Box material: PVC
- IK Rate: 10
- Non Dimmable

IP65

Code	Type	Watt	CCT*	CRI	Lumen	Beam Angle	Voltage	IP Rate	IK Rate
ROUND MONOCHROMATIC									
ALW.030	Round	1.7W	5600K	80	34lm	80°	24VDC	IP65	IK10
ALW.031	Round	1.7W	3000K	80	31lm	80°	24VDC	IP65	IK10
							*Available in 2700K upon request.		
SQUARE MONOCHROMATIC									
ALW.032	Square	1.7W	5600K	80	34lm	80°	24VDC	IP65	IK10
ALW.033	Square	1.7W	3000K	80	31lm	80°	24VDC	IP65	IK10
							*Available in 2700K upon request.		



Exterior Inground, Surface, Wall, Bollard

POROS MINI

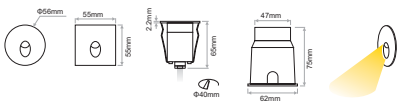
- Housing: Die-casting aluminium
- Power cable : H05RN-F 2x1.0mm^2 L=0.3m
- Outdoor installation: IP65
- Mounting Box material: PVC
- IK Rate: 10

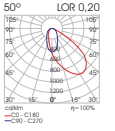
CREE LEDs

IP65

Model	Shape	CCT	LED Source	Type	Beam Angle	Colour	Voltage
POROS MINI2.4W *(POROS MINI 2)*	Round *(RD)* Square *(SQ)*	2700K *(27)* 3000K *(30)* 4000K *(40)*	*252lm* *265lm* *279lm*	Fixed *(FX)*	50° *(50)*	White *(WH)* Black *(BL)*	24VDC PWM Dimmable *(24)*

Ordering Code Example: *POROS MINI 2-RD-30-FX-50-WH-24*





CANOVA

Exterior Inground, Surface, Wall, Bollard

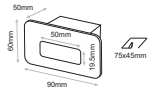
CANOVA recessed luminaire available in white, black or brown colour.

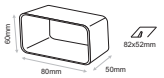
- Housing: Power coated aluminium.
- Mounting box material: Plastic
- Ingress Protection: IP65

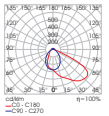
IP65

Model	Colour Temperature*	Watt	Luminaire LED Lumen	Luminaire Colour**	Voltage	Dimensions	IP Rate
CANOVA	3000K	3W	170lm	White	230VAC	90x60mm	IP65

* Available in COOL WHITE upon request
** Housing also available in Black or Brown colour upon request







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ELECTRON

ORIGIN RC

- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body: die-cast aluminium with silicone rubber gasket.
- Mounting box: stainless steel (3W), aluminium (4W,13W)
- L90/ B10 50000h
- Ingress Protection: IP65
- IK06

LIGHTSOURCE BY

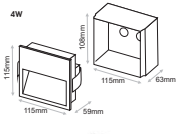
CREE LEDs (2.9W) bridgelux (4W & 13W)

IP65

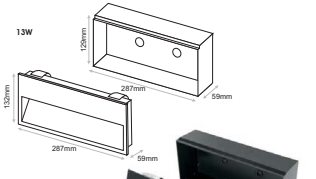
Model	Type	Type	CCT*	CRI80 LED Source	Colour	Dimming Option
				80 *(80)*		
ORIGIN RC *(ORIGIN RC)*	Square *(SQ)*	**2.9W** *(03)*	2700K *(27C)*	160lm	Black *(BL)* White *(WH)*	230VAC Non-Dimmable *(230ND)*
			3000K *(30C)*	200lm		
			4000K *(40C)*	200lm		
		4W *(04)*	2700K *(27B)*	360lm		
			3000K *(30B)*	390lm		
			4000K *(40B)*	420lm		
	Rectangular *(RT)*	**13W** *(13)*	2700K *(27B)*	1220lm		
			3000K *(30B)*	1300lm		
			4000K *(40B)*	1400lm		

Ordering Code Example: *ORIGIN RC-SQ-03-30B-80-BL-230ND*

Mounting box stainless steel



Mounting box aluminium



Mounting box aluminium

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ORIGIN RC RT

Exterior Inground, Surface, Wall, Bollard

- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body: die-cast aluminium with silicone rubber gasket.
- Mounting box: stainless steel
- L90/ B10 50000h
- Ingress Protection: IP65
- IK06

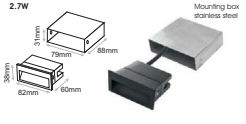
LIGHTSOURCE BY bridgelux.

IP65

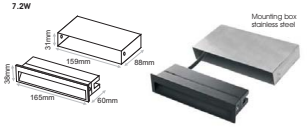
Model	Type	Type	CCT*	CRI80 LED Source	Colour	Dimming Option
				80 *(80)*		
ORIGIN RC *(ORIGIN RC)*	Rectangular *(RT)*	**2.7W** *(03)*	2700K *(27B)*	*250lm*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*
			3000K *(30B)*	*270lm*	White *(WH)*	
			4000K *(40B)*	*290lm*		
		7.2W *(07)*	2700K *(27B)*	*600lm*		
			3000K *(30B)*	*640lm*		
			4000K *(40B)*	*690lm*		

Ordering Code Example: *ORIGIN RC-RT-07-30B-80-BL-230ND*

2.7W



7.2W



ELECTRON

Exterior Inground, Surface, Wall, Bollard

ORIGIN SF RD

- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body: die-cast aluminium with silicone rubber gasket.
- L90/ B10 50000h
- Ingress Protection: IP65
- IK06

LIGHTSOURCE BY bridgelux.

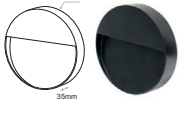
IP65

Model	Type	Type	CCT*	CRI80 LED Source	Colour	Dimming Option
				80 *(80)*		
ORIGIN SF *(ORIGIN SF)*	Round *(RD)*	**3.2W** *(03)*	2700K *(27B)*	*360lm*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*
			3000K *(30B)*	*390lm*	White *(WH)*	
			4000K *(40B)*	*420lm*		
		10W *(10)*	2700K *(27B)*	*970lm*		
			3000K *(30B)*	*1040lm*		
			4000K *(40B)*	*1110lm*		

Ordering Code Example: *ORIGIN SF-RD-03-30B-80-BL-230ND*

3.2W

10W



ELECTRON

ORIGIN SF

Exterior Inground, Surface, Wall, Bollard

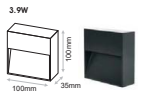
- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body: die-cast aluminium with silicone rubber gasket.
- L90/ B10 50000h
- Ingress Protection: IP65
- IK06

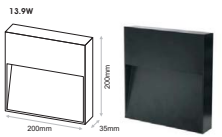
LIGHTSOURCE BY bridgelux.

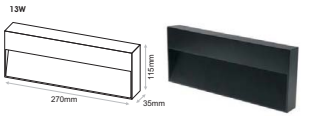
IP65

Model	Type	Type	CCT*	CRI80 LED Source	Colour	Dimming Option
				80 *(80)*		
ORIGIN SF *(ORIGIN SF)*	Square *(SQ)*	**3.9W** *(04)*	2700K *(27)*	*370lm*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*
			3000K *(30)*	*390lm*	White *(WH)*	
			4000K *(40)*	*420lm*		
		13.9W *(14)*	2700K *(27)*	*1370lm*		
			3000K *(30)*	*1470lm*		
			4000K *(40)*	*1570lm*		
	Rectangular *(RT)*	**13W** *(13)*	2700K *(27)*	*1210lm*		
			3000K *(30)*	*1300lm*		
			4000K *(40)*	*1400lm*		

Ordering Code Example: *ORIGIN SF-SQ-14-30B-80-BL-230ND*







ELECTRON

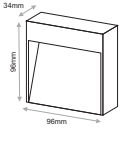
Exterior Inground, Surface, Wall, Bollard

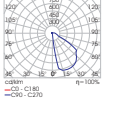
CANOVA 4 SF

- Surface wall luminaire
- Luminaire body: die-cast aluninium with silicon rubber gasket
- Powder coated
- Ingress Protection: IP65
- IK Rate: IK05

IP65

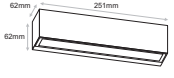
Code	Model	Colour Temperature	Watt	Luminaire Colour	Voltage	Dimensions	IP Rate
ALW.057	**CANOVA 4 SF**	3000K	3.6W	Dark Grey	230VAC	96x96x34mm	IP65
ALW.061	**CANOVA 4 SF**	3000K	3.6W	White	230VAC	96x96x34mm	IP65

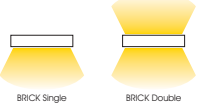




BRICK II

- BRICK II is an elegant wall mounted luminaire, available either with single or double light emission.
- It is offered in black and white colour.
- L90/ B10 50000h
- Ingress Protection IP65





LIGHTSOURCE BY bridgelux.

IP65

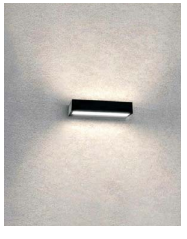
Model	Type	CCT*	CRI80, CRI90 Luminaire Lumen		Beam Angle	Colour	Dimming Option
			80 *(80)*	90 *(90)*			
BRICK II *(BRICK II)*	**5W** Single (1x5W) *(05)*	2700K *(27)*	*385lm*	*325lm*	Diffused *(DF)*	Black *(BL)*	230VAC *(230D)*
		3000K *(30)*	*390lm*	*340lm*		White *(WH)*	Phase Cut Dimmable
	10W Double (2x5W) *(10)*	2700K *(27)*	*770lm*	*650lm*			
		3000K *(30)*	*780lm*	*680lm*			

* 4000K also available upon request.

Ordering Code Example: *BRICK II 10-30-80-DF-BL-230D*

Black

White



EDGE

Exterior Inground, Surface, Wall, Bollard

- EDGE wall mounted luminaire offers easiness and flexibility in lighting due to its special construction.
- User can easily select the desired beam angle by adjusting the inner parts of the luminaire.
- Can create asymmetry in each luminaire in terms of up & down light emission.
- 3 SDCM
- L90/B10 50000h
- Ingress Protection IP65

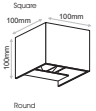
LIGHTSOURCE BY bridgelux

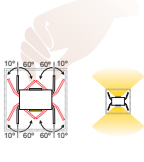
IP65

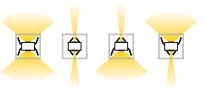
Model	CCT	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Colour	Dimming Option
				80 *(80)*	90 *(90)*			
EDGE *(EDGE)*	Square *(SQ)* Round *(RD)*	2x3W *(06)*	2700K *(27)* 3000K *(30)* 4000K *(40)*	*2x430lm* *2x460lm* *2x470lm*	*2x355lm* *2x370lm* *2x385lm*	Adjustable *(090)* 0°~90°	Black *(BL)* White *(WH)*	230VAC *(230D)* Phase Cut Dimmable

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

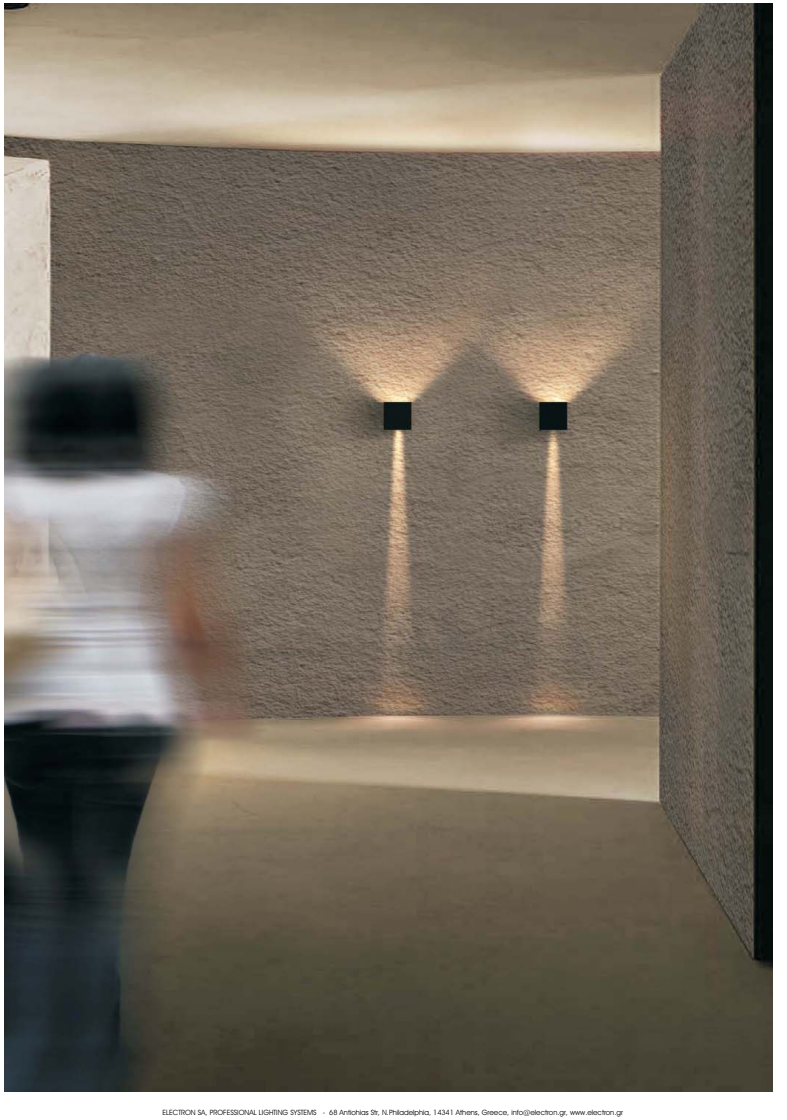
Ordering Code Example: *EDGE-SQ-06-30-80-090-BL-230D*







ELECTRON



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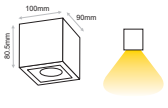
LEROS

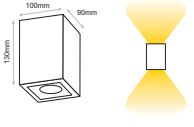
- Housing: Die-cast powder coated aluminum
- Glass : PC T=6mm
- Power cable : H05RN-F 3x1.0mm^2 L= 0.3m
- IK Rate: 06
- Outdoor installation: IP65
- Luminaire colour: Grey

Monochromatic
24VDC PWM Dimmable
230VAC Non-Dimmable

Leros 1Way



Leros 2Way



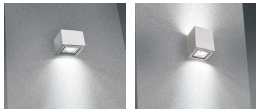
LIGHTSOURCE BY bridgelux.

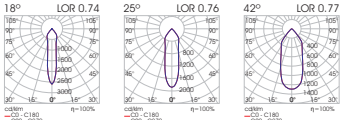
IP65

Model	Type	CCT	CRI80*, CRI90 LED Source		Voltage	Beam Angle**	Colour
			80 *(80)*	90 *(90)*			
LEROS *(LEROS)*	**6W** Leros 1Way (1x6W) *(06)*	2700K *(27C)*	810lm	670lm	24VDC PWM Dimmable *(24)*	18° *(18)*	Mat Grey *(MG)*
		3000K *(30C)*	860lm	700lm		25° *(25)*	
		4000K *(40C)*	880lm	740lm		42° *(42)*	
		5000K *(50C)*	900lm	770lm			
	12W Leros 2Way (2x6W) *(12)*	5700K *(57C)*	860lm	-			
		6500K *(65C)*	870lm	-			
		2700K *(27C)*	860lm	710lm	230VAC Non-Dimmable *(230ND)*		
		3000K *(30C)*	910lm	740lm			
		4000K *(40C)*	940lm	780lm			
		5000K *(50C)*	950lm	820lm			
		5700K *(57C)*	910lm	-			
		6500K *(65C)*	920lm	-			

* Nichia LEDs only in 3000K, CRI80 & Non-Dimmable.
** Also available with asymmetric up/down lenses upon request.

Ordering Code Example: LEROS 06-30C-90-24-42-MG

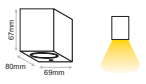


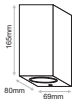


PARELO

PARELO I & PARELO II outdoor wall surface luminaires with GU10 lamp holder, max 5W (lamp not included).

- Ingress Protection: IP65





IP65

Not included

Code	Model	Maximum Consumption	Power Supply	Lamp type	Colour	Dimensions	IP Rate
AWE.005	**PARELO I Black**	5W max	230VAC	GU10	Black	Φ69x80x67mm	IP65
AWE.006	**PARELO I White**	5W max	230VAC	GU10	White	Φ69x80x67mm	IP65

IP65

Not included

Code	Model	Maximum Consumption	Power Supply	Lamp type	Colour	Dimensions	IP Rate
AWE.007	**PARELO II Black**	2x5W max	230VAC	GU10	Black	Φ69x80x165mm	IP65
AWE.008	**PARELO II White**	2x5W max	230VAC	GU10	White	Φ69x80x165mm	IP65

DORIS W13

Exterior Inground, Surface, Wall, Bollard

DORIS W13 is an outdoor wall surface luminaire available in black or white colour.

- Housing: Aluminium
- UGR<10 (17°, 33°) and UGR<19 (52°)
- 3 SDCM
- L90/B10 50000h
- IK Rate: IK08
- Ingress Protection: IP65

CREE LEDs

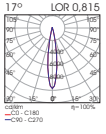
UGR<10 17°, 33° | UGR<19 52° | IP65

Model	CCT	LED Source CRI80	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
DORIS WALL 13W *(DORIS W13)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*1590lm* *1710lm* *1830lm* *1710lm*	Fixed *(FX)*	80 *(80)*	17° *(17)* 33° *(33)* 52° *(52)*	Black *(BL)* White *(WH)*	Non Dimmable *(ND)* DALI* *(DL)* Phase Cut *(PC)*	Standard *(00)* Honeycomb *(01)*

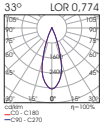
* Wattage: 9W

Ordering Code Example: *DORIS W13-30C-FX-80-52-BL-ND-01*

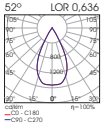
17° LOR 0,815

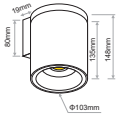


33° LOR 0,774



52° LOR 0,636





With Honeycomb

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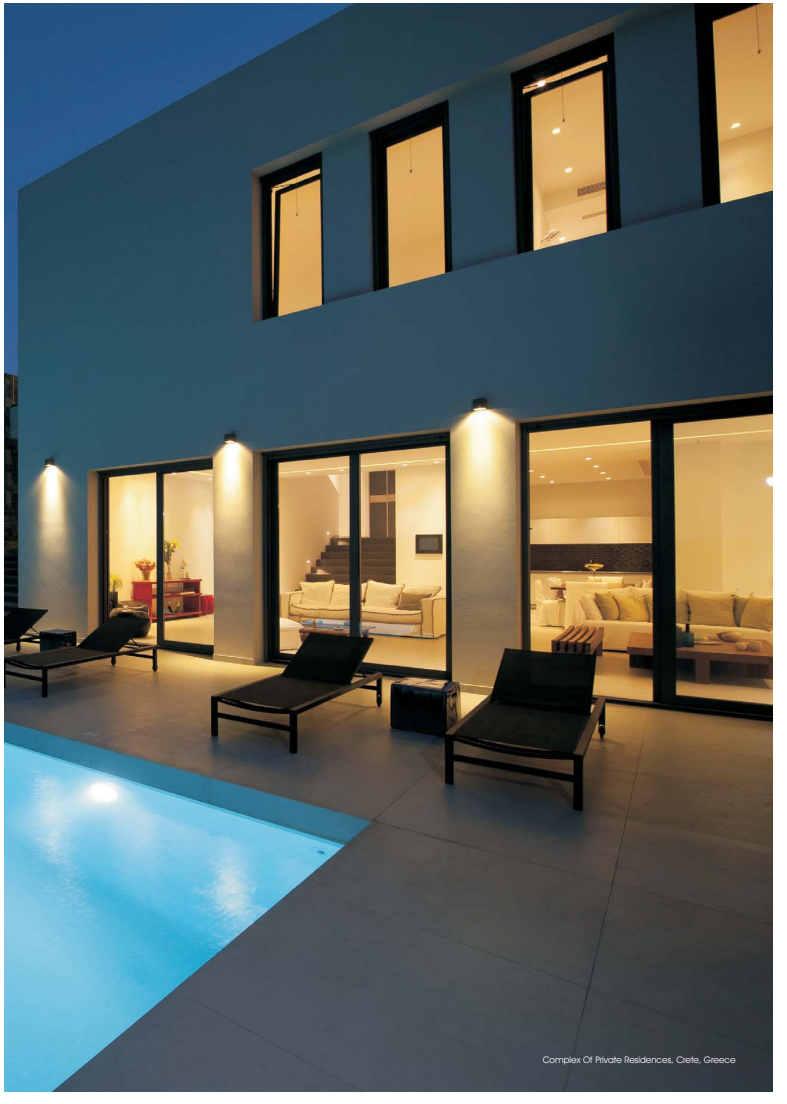

Complex Of Private Residences, Crete, Greece

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ARYN

Exterior Inground, Surface, Wall, Bollard

ARYN is a surface outdoor luminaire suitable to highlight architectural elements in facades.

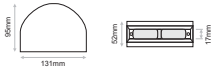
- Power cable: H05RN-F 3x0.75mm²
- Outer cable diameter: 7mm²
- Ingress Protection: IP65
- Non-Dimmable
- DALI Dimmable option upon request.

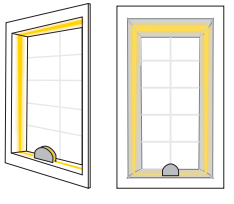
IP65

Model	CCT	Beam Angle	Voltage	Colour*	IP Rate
ARYN 9W *(ARYN 9)*	2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	180° *(180)*	230VAC *(230)*	White *(WH)*	IP65 *(65)*

* Luminaire colour white, but custom RAL colours also available on request.

Ordering Code Example: ARYN 9-30-180-230-WH-65





Exterior Inground, Surface, Wall, Bollard

ROLLER

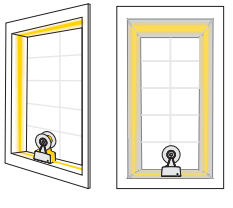
ROLER is a surface outdoor luminaire suitable to highlight architectural elements in facades.

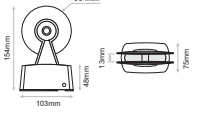
- Power cable: H05RN-F 3x0.75mm²
- Outer cable diameter: 7mm²
- Ingress Protection: IP65
- Non-Dimmable
- DALI Dimmable option upon request.

IP65

Model	CCT	Beam Angle	Voltage	IP Rate
ROLLER 9W *(ROLLER 9)*	2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	340° *(340)*	230VAC *(230)*	IP65 *(65)*

Ordering Code Example: ROLLER 9-30-340-230-65





MINI / MIDI / DECO

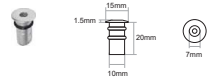
Exterior Inground, Surface, Wall, Bollard

MINI / MIDI / DECO are small recessed luminaires suitable for decorative lighting.

- Ingress Protection: IP65
- Non-Dimmable

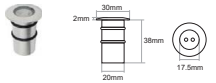
IP65

Code	No.LED	Colour	Watt	Diameter	Voltage	IP Rate
MINI						
RGB (IN ONE CHIP)						
LED.216 /CC	1	RGB	0.21W	15mm	5VDC	IP65
MINI						
MONOCHROMATIC						
LED.201	1	BLUE	0.12W	15mm	5VDC	IP65
LED.202	1	GREEN	0.12W	15mm	5VDC	IP65
LED.203	1	RED	0.12W	15mm	5VDC	IP65
LED.204	1	COOL WHITE	0.12W	15mm	5VDC	IP65
LED.205	1	AMBER	0.12W	15mm	5VDC	IP65
LED.217	1	WARM WHITE	0.12W	15mm	5VDC	IP65



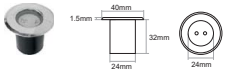
MIDI						
MONOCHROMATIC						
LED.206	2	BLUE	0.24W	30mm	12VAC	IP65
LED.207	2	GREEN	0.24W	30mm	12VAC	IP65
LED.208	2	RED	0.24W	30mm	12VAC	IP65
LED.209	2	COOL WHITE	0.24W	30mm	12VAC	IP65
LED.210	2	AMBER	0.24W	30mm	12VAC	IP65
LED.218	2	WARM WHITE	0.24W	30mm	12VAC	IP65

Transformer: TRF.002 / 50W



DECO						
MONOCHROMATIC						
LED.211	2	BLUE	0.24W	40mm	12VAC	IP65
LED.212	2	GREEN	0.24W	40mm	12VAC	IP65
LED.213	2	RED	0.24W	40mm	12VAC	IP65
LED.214	2	COOL WHITE	0.24W	40mm	12VAC	IP65
LED.215	2	AMBER	0.24W	40mm	12VAC	IP65
LED.219	2	WARM WHITE	0.24W	40mm	12VAC	IP65

Transformer: TRF.002 / 50W



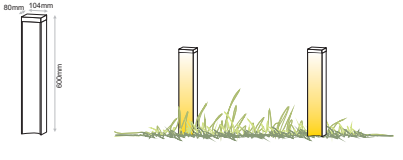
UPOLE

UPOLE is a minimal bollard available in dark grey colour.

- Housing: Powder coated aluminium
- Cable: H05RN-F 3x0.75mm^2
- IK Rate: IK06
- Ingress Protection: IP65

IP65

Model	Watt	CCT - Luminaire Lumen	CRI	Voltage	Colour	Dimensions	IP Rate
UPOLE	14.2W	2700K - 636lm	80	230VAC	Dark Grey	104x80x600mm	IP65



MAROON

Exterior Inground, Surface, Wall, Bollard

MAROON Series is an elegant bollard available in 8 and 15 Watt.

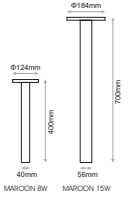
- It offers visual comfort and is ideal for outdoor landscapes.
- IK Rate: IK08
- L90/ B10 50000h
- Ingress Protection: IP65

LIGHTSOURCE BY bridgelux.

IP65

Model	CCT	LED Source	Height	Type	CRI	Beam Angle	Colour	Dimming Option
MAROON 8W *(MAROON 8)*	2700K *(27B)*	*535lm*	H: 400mm *(400)*	Fixed *(FX)*	80 *(80)*	115° *(115)*	Black *(BL)*	230VAC *(230)*
	3000K *(30B)*	*540lm*						
	4000K *(40B)*	*555lm*						
MAROON 15W *(MAROON 15)*	2700K *(27B)*	*1505lm*	H: 700mm *(700)*					
	3000K *(30B)*	*1512lm*						
	4000K *(40B)*	*1525lm*						

Ordering Code Example: *MAROON 15-40B-700-FX-80-115-BL-230*

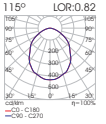


ACR.084
Stainless Steel Spike for MAROON 8W (as extra)

ACR.083
Stainless Steel Spike for MAROON 15W (as extra)

ACR.101
Concrete Base for MAROON 8 (as extra)

ACR.063
Concrete Base for MAROON 15 (as extra)



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TRETTO

Exterior Inground, Surface, Wall, Bollard

TRETTO is a minimal luminaire with pole available with one, two or three spots.

- It has minimal aesthetic: no visible screws on the luminaire.
- Available with base for ground installation or with base suitable for spike.
- The height of each luminaire on the pole is adjustable.
- Each luminaire is both rotatable and tiltable 360degrees.
- Body material and base: aluminium.
- Pole material: stainless steel.
- Spike material: plastic.
- Each luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Supplied in black colour as standard, custom RAL colours available upon request.
- Power cable HO5RN-F 2x0.75mm^2 L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- UGR<19 (15º, 30º, 46º)
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

TRETTO 6.5W TRETTO 13W TRETTO 19.5W

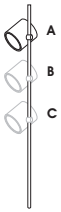
TRETTO TRETTO with Snoot TRETTO with Half Snoot

ELECTRON

CREE LEDs

IP67

Model	Type	Colour	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Dimming Option	Accessories
				80 (80)	90 (90)			(X X)
TRETTO 6.5W (TRETTO 7)	Base (BS)	Black (BL)	2700K (27C)	713lm	570lm	15º (15)	Without Driver (00)	Standard (01)
	Spike (SP)		3000K (30C)	713lm	615lm	30º (30)	Non Dimmable (ND)	Snoot (11)
TRETTO 13W (TRETTO 13)			4000K (40C)	765lm	660lm	46º (46)	Analogue (1-10V) (A1)	Half Snoot (21)
			5000K (50C)	765lm	713lm		DMX (DX)	Standard (10)
TRETTO 19.5W (TRETTO 20)			6500K (65C)	765lm	-		DALI (DL)	Honeycomb (19)
							Push Button (PB)	Softening lens (12)
							Phase Cut (PC)	Line spread lens (13)
							Wireless (WL)	



Ordering Code Guide for TRETTO:

A: Upper module
B: Middle module (where applicable)
C: Lower module (where applicable)

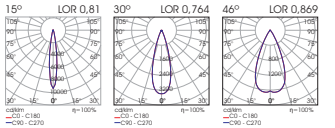
TRETTO model - Type - Colour - CCT - CRI - Beam Angle - Dimming - Accessories

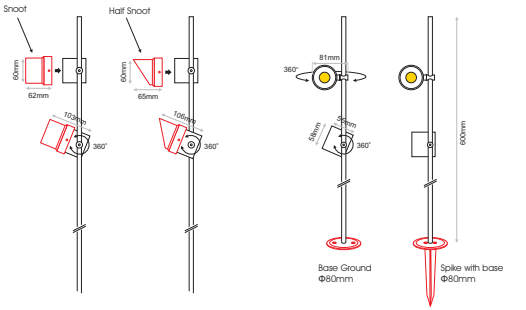
(TRETTO 7)	(BS)(SP)	(BL)	A	A	A	A	A
(TRETTO 13)			AB	AB	AB	AB	AB
(TRETTO 20)			ABC	ABC	ABC	ABC	ABC

Note: If modules AB (for Tretto 13) or if all modules ABC (for Tretto 20) have common characteristic(s) please mention this characteristic(s) only once.

Ordering Code Examples:

TRETTO 7-BS-BL-30C-80-46-ND-01
TRETTO 13-BS-BL-30C50C-8090-4630-NDA1-0110
TRETTO 20-BS-BL-30C30C50C-809080-154646-ND-01





ACR.053 Honeycomb (as extra)
ACR.050 Softening lens (as extra)
ACR.051 Line spread lens (as extra)

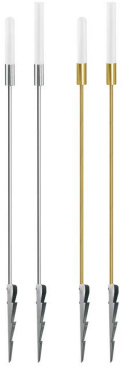
Base Ground Φ80mm

Spike with base Φ80mm

STOCKY

Exterior Inground, Surface, Wall, Bollard

- Stocky luminaire is a linear slim luminaire with minimal aesthetic.
- Ideal to blend into an outdoor landscape.
- Material: Stainless steel / glass.
- Ingress Protection IP65
- IK Rate: IK06
- Also available upon request 2700K/4000K / 5600K.
- Also available upon request flat top (total height 945mm).

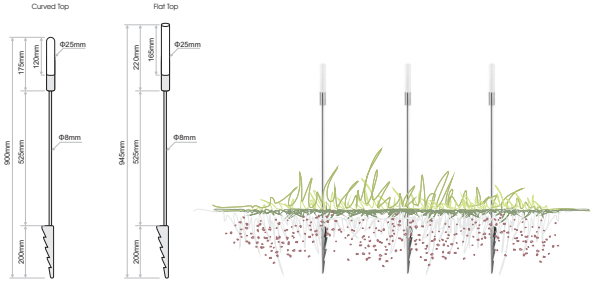


CREE LEDs

IP65

Model	Glass	Finish	CCT	LED Source	Beam Angle	Voltage
STOCKY 2W *(STOCKY 2)*	Curved Top *(CT)* Flat Top *(FT)*	Stainless Steel *(SS)* Brass *(BR)*	3000K *(30C)*	*182lm*	94° *(94)*	24VDC *(24)*

Ordering Code Example: STOCKY 2-CT-SS-30C-94-24



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MUSHROOM

Exterior Inground, Surface, Wall, Bollard

- MUSHROOM is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium / black, white or rust colour.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 2x2200mAh Li-ion, 3.7V
- Battery charging time: 5 hours (5V/1A).
- Touch switch, Stepless dimmable, Memory of brightness.
- Battery life according to light output: 10-120hrs.
- Ingress Protection: IP54

Rechargeable

IP54

Code	Colour	Watt	CCT - Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.005	Black	2W	3000K - 240lm	2x2200mAh Li-ion, 3.7V	5VDC	197mm x (H)225mm	IP54
TAB.006	White						
TAB.007	Rust						

Charging time:
5hrs (5V/1A).

Battery life:
10-120hrs.

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MARLO

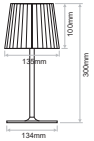
Exterior Inground, Surface, Wall, Bollard

- MARLO is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium
- Available in Black or White.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 1x2600mAh Li-ion, 3.7V
- Battery charging time: 3 hours (5V/1A).
- Three lighting levels available.
- Battery life according to light output: 4 hours at 100%, 10 hours at 40%, 40 hours at 10%.
- Ingress Protection: IP54

Rechargeable

IP54

Code	Colour	Watt	CCT - Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.003	Black	2W	3000K - 183lm	1x2600mAh Li-ion, 3.7V	5VDC	135mm x (H)300mm	IP54
TAB.004	White						



Charging time:
3hrs (5V/1A)

Battery life:
4hrs at 100%, 10hrs at 40%, 40hrs at 10%

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PHAROS

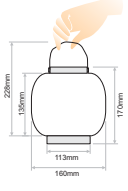
Exterior Inground, Surface, Wall, Bollard

- PHAROS is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium / black colour.
- Diffuser material: frosted polycarbonate.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 1x2600mAh Li-ion, 3.7V
- Battery charging time: 3 hours (5V/1A).
- Three lighting levels available.
- Battery life according to light output: 4 hours at 100%, 10 hours at 40%, 40 hours at 10%.
- Ingress Protection: IP54

Rechargeable

IP54

Code	Watt	CCT - Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.000	2W	3000K - 202lm	1x2600mAh Li-ion, 3.7V	5VDC	160mm x (H)228mm	IP54



Charging time:
3hrs (5V/1A)

Battery life:
4hrs at 100%, 10hrs at 40%, 40hrs at 10%

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PLUMB

Exterior Inground, Surface, Wall, Bollard

- PLUMB is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium / black colour.
- Diffuser material: frosted polycarbonate.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 1x2600mAh Li-ion, 3.7V
- Battery charging time: 3 hours (5V/1A).
- Three lighting levels available.
- Battery life according to light output: 4 hours at 100%, 10 hours at 40%, 40 hours at 10%.
- Ingress Protection: IP54

Rechargeable

IP54

Code	Watt	CCT - Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.001	2W	3000K - 212lm	1x2600mAh Li-ion, 3.7V	5VDC	160mm x (H)220mm	IP54

Charging time:
3hrs (5V/1A)

Battery life:
4hrs at 100%, 10hrs at 40%, 40hrs at 10%

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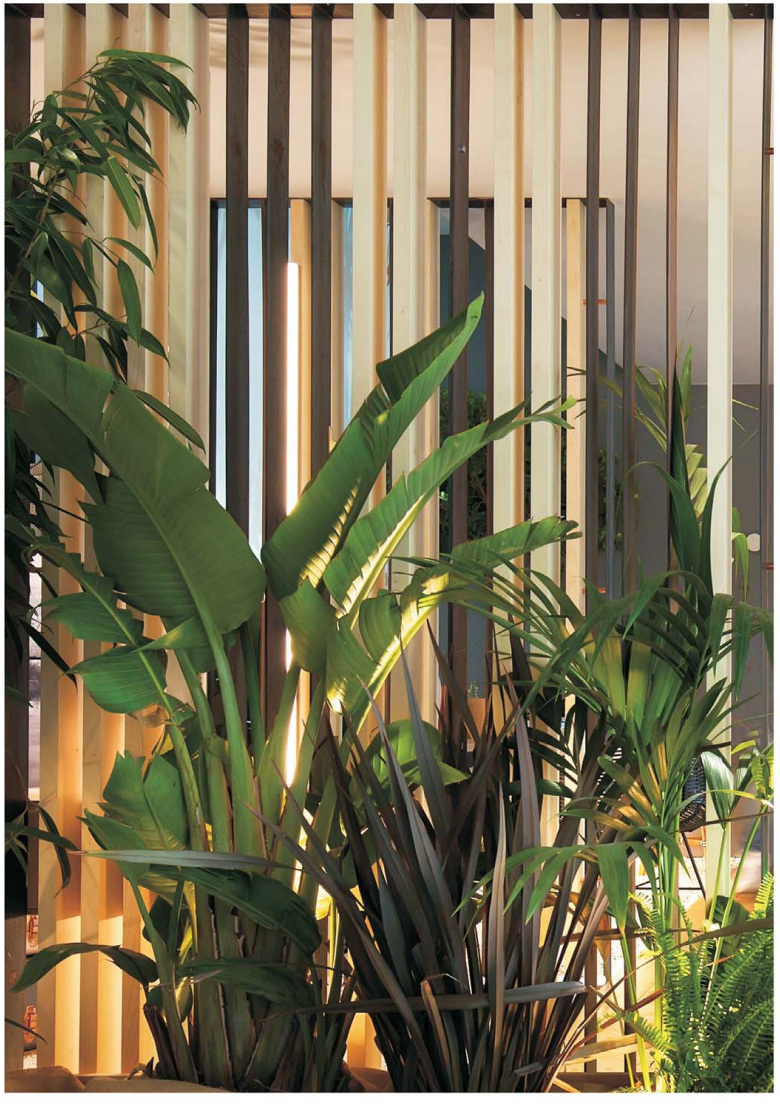

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INTERIOR LINEAR

ELECTRON

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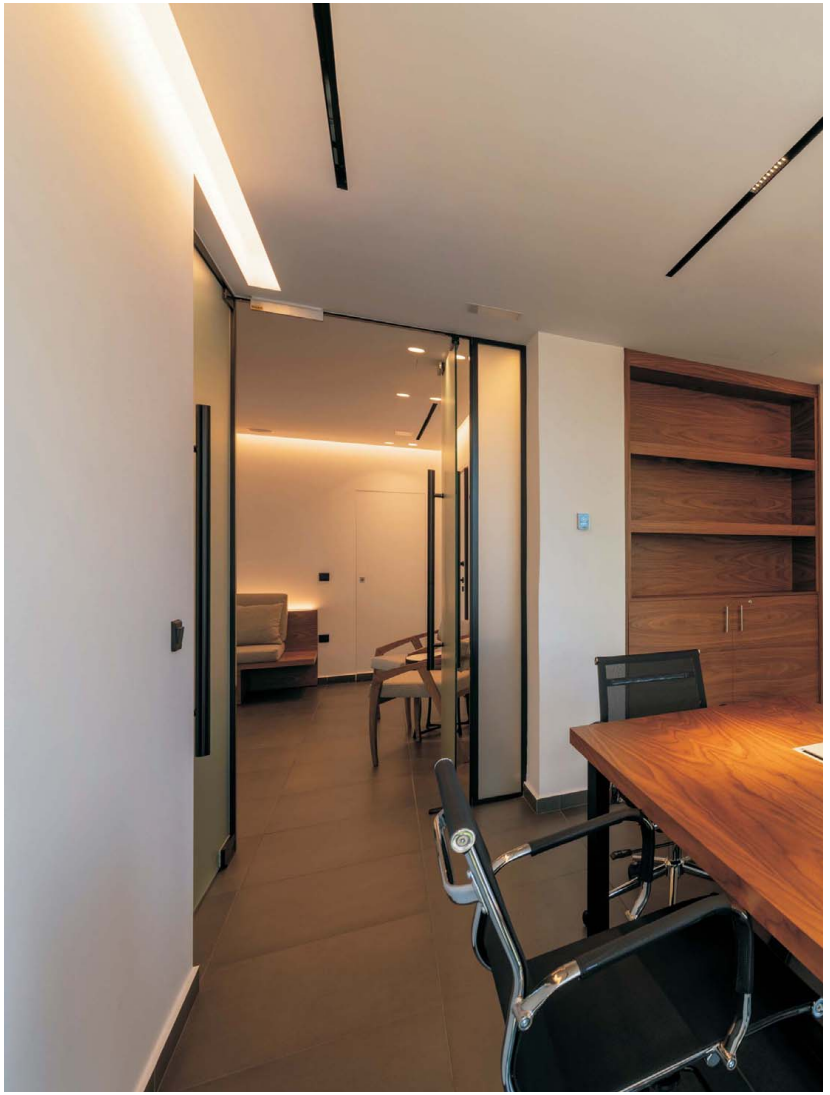

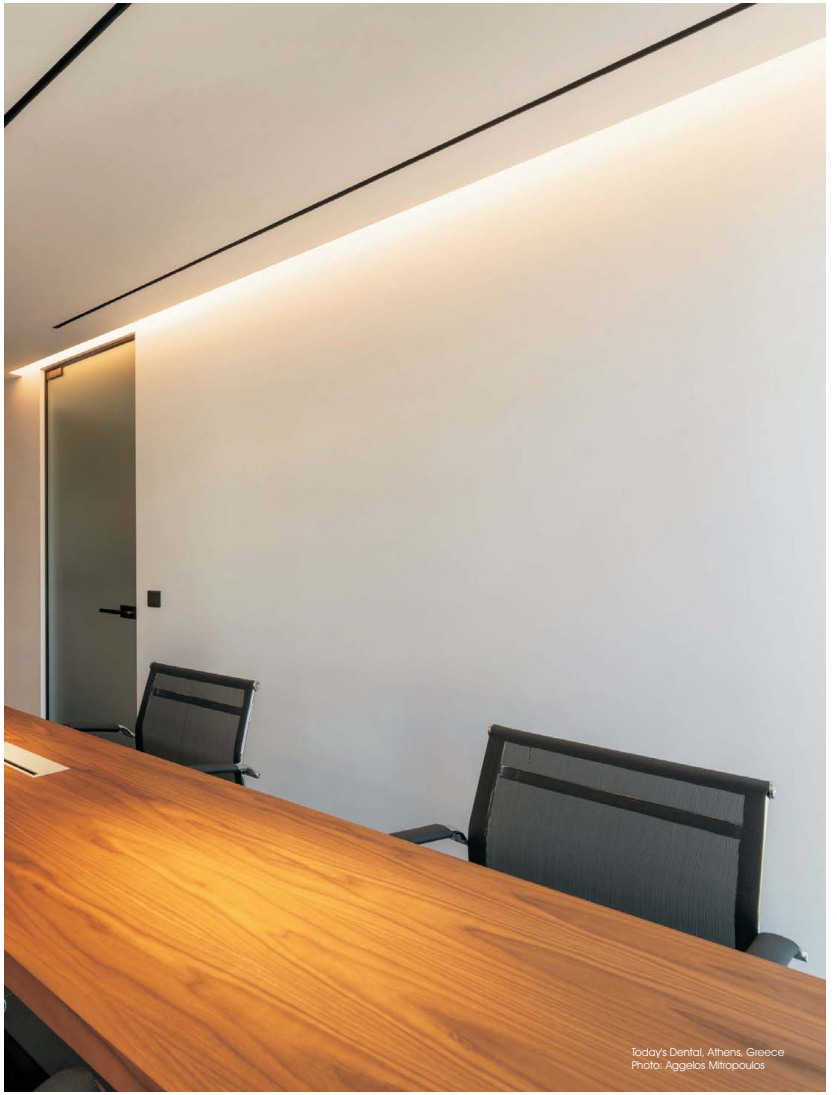

Today's Dental, Athens, Greece
Photo: Aggelos Mitropoulos

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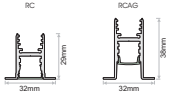
LINILINE RC/RCAG
(Recessed/Recessed Antiglare)

Interior Linear

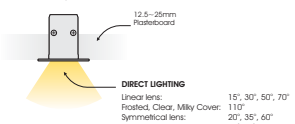
- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

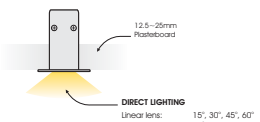
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

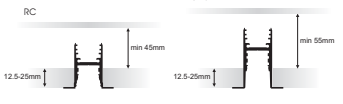


Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*







Outer Dimensions:

for Standard Models:
32 x 54,2/79,2/104,2/129,2/154,2/179,2/204,2cm
Cutting hole:
22 x 53,2/78,2/103,2/128,2/153,2/178,2/203,2cm

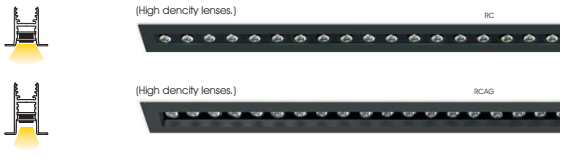
for Superior Models:
32 x 51,6/76,6/101,6/126,6/151,6/176,6/201,6cm
Cutting hole:
22 x 50,6/75,6/100,6/125,6/150,6/175,6/200,6cm

Note: Cutting hole must be 10mm shorter than the luminaire lenght.

Direct:
Milky / Clear / Frosted cover

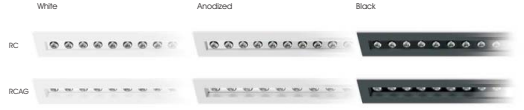
Direct:
Linear lens

Direct:
Symmetrical / Oval lens



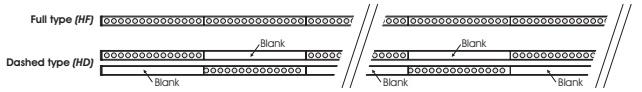
Direct:
Symmetrical / Oval lens

Standard Luminaire Colours:
Custom Colours available upon request



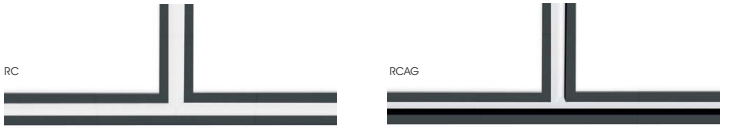
High density lenses
LINILINE RC/RCAG High efficiency

Low density lenses
LINILINE RC/RCAG High efficiency



50cm (1blank)
75cm (1 blank)
100cm (2 blanks)
125cm (2 blanks)
150cm (3 blanks)
175cm (3 blanks)
200cm (4 blanks)

Custom quantities of blanks is available upon request.

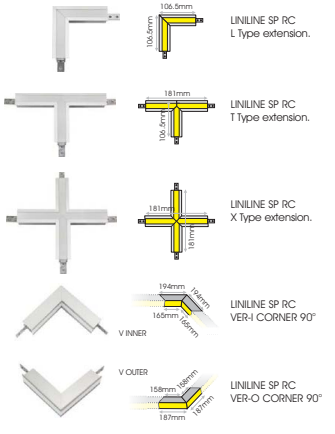


The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation.
Electrical connections between Superior series Liniline luminaires and accessories are made by build in in-out connectors and internal wiring.

Extensions for Superior models

Note: The referred dimensions of extensions are valid with 21W Nichia LED strip.

RC



LINILINE SP RC
L Type extension.

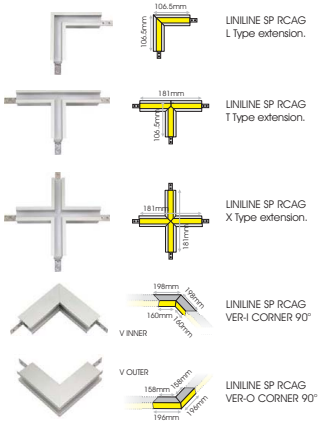
LINILINE SP RC
T Type extension.

LINILINE SP RC
X Type extension.

LINILINE SP RC
VER-I CORNER 90°

LINILINE SP RC
VER-O CORNER 90°

RCAG



LINILINE SP RCAG
L Type extension.

LINILINE SP RCAG
T Type extension.

LINILINE SP RCAG
X Type extension.

LINILINE SP RCAG
VER-I CORNER 90°

LINILINE SP RCAG
VER-O CORNER 90°

PRH.043 EXTENSION LINE

LINILINE **RECESSED**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage
LINILINE STANDARD RECESSED *(LINILINE ST RC)* **LINILINE SUPERIOR RECESSED** *(LINILINE SP RC)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)* ⩾90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)*	***Superior models****** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models******* 11W / 54.2cm *(11W054)* 15.7W / 79.2cm *(16W079)* 21W / 104.2cm *(21W104)* 26.3W / 129.2cm *(26W129)* 31.5W / 154.2cm *(32W154)* 36.3W / 179.2cm *(36W179)* 42W / 204.2cm *(42W204)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight)
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD). Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m

**** Dimension without end caps for Superior models (add 8mm for each end cap).
***** Dimension with end caps. .

Ordering Code Example: LINILINE ST RC-AN-3080-110M-32W150-24

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR RECESSED L TYPE *(LINILINE SP RC-LT)* **LINILINE SUPERIOR RECESSED T TYPE** *(LINILINE SP RC-TT)* **LINILINE SUPERIOR RECESSED X TYPE** *(LINILINE SP RC-XT)* **LINILINE SUPERIOR RECESSED VER-I TYPE** *(LINILINE SP RC-VER-IT)* **LINILINE SUPERIOR RECESSED VER-O TYPE** *(LINILINE SP RC-VER-OT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)* ⩾90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 10,65x10,65cm *(4W1111)* 5.3W / 18,1x10,65cm *(5W1811)* 7W / 18,1x18,1cm *(7W1818)* 7W / 16,5x16,5cm *(5W1717)* 7W / 18,7x18,7cm *(7W1919)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaires.
*** The refered dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE PD-LT-AN-3080-30L-4W1111-24

LINILINE **RECESSED ANTIGLARE**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage
LINILINE STANDARD RECESSED ANTIGLARE *(LINILINE ST RCAG)* **LINILINE SUPERIOR RECESSED ANTIGLARE** *(LINILINE SP RCAG)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)* ⩾90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)*	***Superior models****** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models******* 11W / 54.2cm *(11W054)* 15.7W / 79.2cm *(16W079)* 21W / 104.2cm *(21W104)* 26.3W / 129.2cm *(26W129)* 31.5W / 154.2cm *(32W154)* 36.3W / 179.2cm *(36W179)* 42W / 204.2cm *(42W204)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight)
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD). Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m

**** Lenght without end caps for Superior models (add 8mm for each end cap).
***** Dimension with end caps. .

Ordering Code Example: LINILINE ST RCAG-AN-3080-70F-32W150-24

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR RECESSED ANTIGLARE L TYPE *(LINILINE SP RCAG-LT)* **LINILINE SUPERIOR RECESSED ANTIGLARE T TYPE** *(LINILINE SP RCAG-TT)* **LINILINE SUPERIOR RECESSED ANTIGLARE X TYPE** *(LINILINE SP RCAG-XT)* **LINILINE SUPERIOR RECESSED ANTIGLARE VER-I TYPE** *(LINILINE SP RCAG-VER-IT)* **LINILINE SUPERIOR RECESSED ANTIGLARE VER-O TYPE** *(LINILINE SP RCAG-VER-OT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)* ⩾90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 10,65x10,65cm *(4W1111)* 5.3W / 10,65x18,1cm *(5W1118)* 7W / 18,1x18,1cm *(7W1818)* 7W / 16x16cm *(5W1616)* 7W / 19,6x19,6cm *(7W2020)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaires.
*** The refered dimensions of extensions are valid with 21W Nichia LED strip.

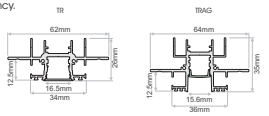
Ordering Code Example: LINILINE SP RCAG-LT-AN-3080-30L-4W1111-24

LINILINE TR/TRAG
(Trimless/Trimless Antiglare)

Interior Linear

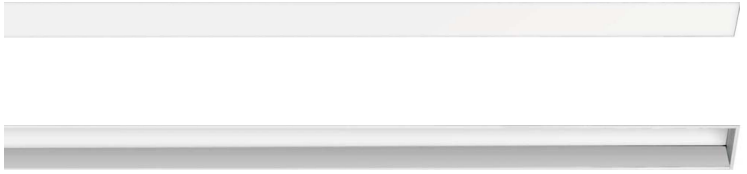
- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

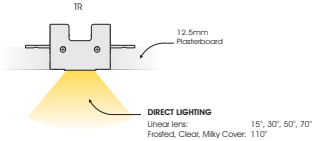
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

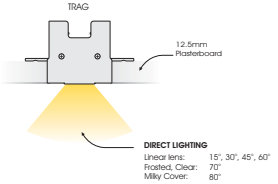


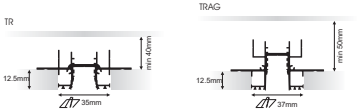
Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*









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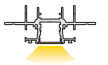
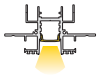
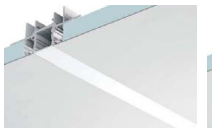
Direct:
Milky / Clear / Frosted cover

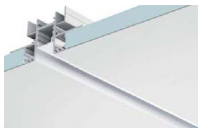


TR

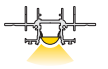


TRAG

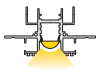




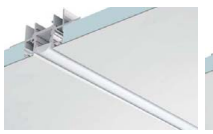
Direct:
Linear lens

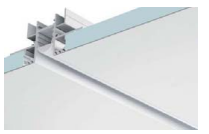


TR



TRAG





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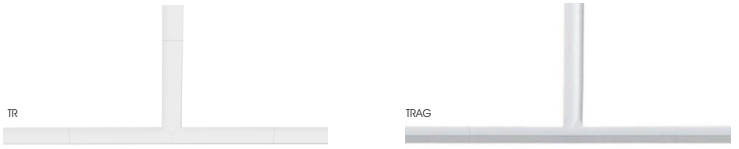
LINILINE TR/TRAG
(Trimless/Trimless Antiglare)

Interior Linear

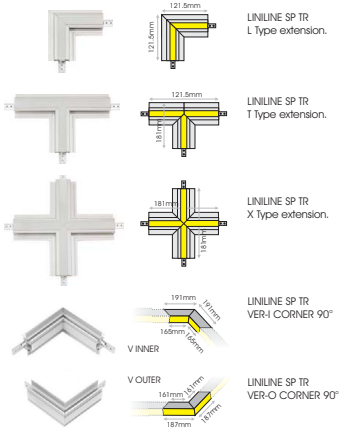


The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation.
Electrical connections between Superior series Liniline luminaires and accessories are made by build in in-out connectors and internal wiring.

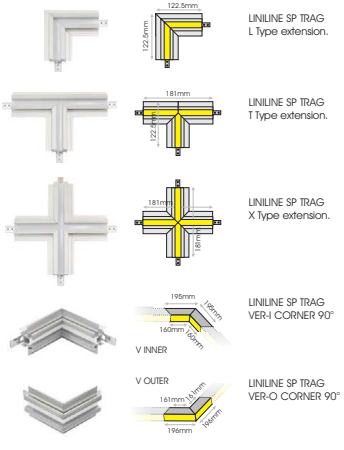
Extensions for Superior models

Note: The referred dimensions of extensions are valid with 21W Nichia LED strip.

TR

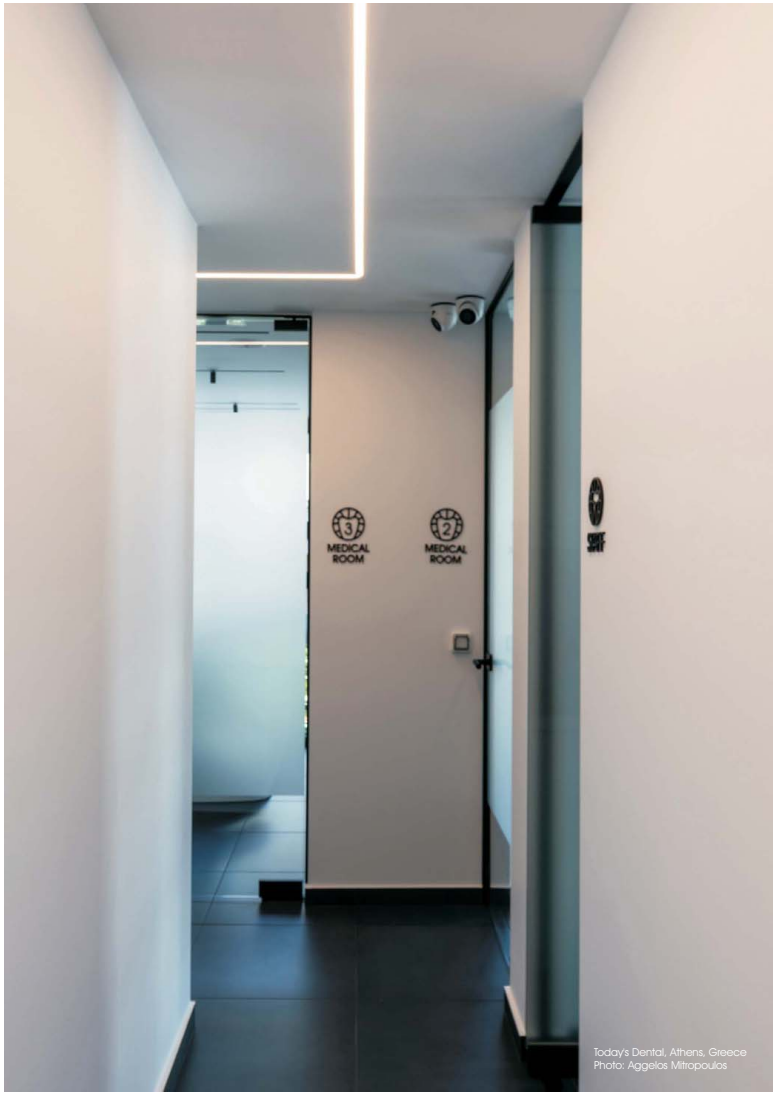


TRAG



PRH.043 EXTENSION LINE

ELECTRON



Today's Dental, Athens, Greece
Photo: Aggelos Mitropoulos

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LINILINE **TRIMLESS**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt* / Length **	Voltage
LINILINE STANDARD TRIMLESS *(LINILINE ST TR)* **LINILINE SUPERIOR TRIMLESS** *(LINILINE SP TR)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾ 80 *(80)* ⩾ 90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)*	***Superior models**** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models***** 11W / 53cm *(11W053)* 15.7W / 78cm *(16W078)* 21W / 103cm *(21W103)* 26.3W / 128cm *(26W128)* 31.5W / 153cm *(32W153)* 36.3W / 178cm *(36W178)* 42W / 203cm *(42W203)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight)
** Available in custom lenghts, luminaire colours and power upon request.
**** Dimension without end caps for Superior models (add 1.5mm for each end cap).
***** Dimension with end caps. .

Ordering Code Example: *LINILINE ST TR-AN-3080-110M-42W200-24*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt*** / Length	Voltage
LINILINE SUPERIOR TRIMLESS L TYPE *(LINILINE SP TR-LT)* **LINILINE SUPERIOR TRIMLESS T TYPE** *(LINILINE SP TR-TT)* **LINILINE SUPERIOR TRIMLESS X TYPE** *(LINILINE SP TR-XT)* **LINILINE SUPERIOR TRIMLESS VER-I TYPE** *(LINILINE SP TR-VER-IT)* **LINILINE SUPERIOR TRIMLESS VER-O TYPE** *(LINILINE SP TR-VER-OT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾ 80 *(80)* ⩾ 90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)*	3.5W / 12.15x12.15cm *(4W1212)* 5.3W / 12.15x18,1cm *(5W1218)* 7W / 18,1x18,1cm *(7W1818)* 7W / 16,5x16,5cm *(7W1717)* 7W / 18,7x18,7cm *(7W1919)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaire.
*** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP TR-LT-AN-3080-30L-4W1010-24*

LINILINE **TRIMLESS ANTIGLARE**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt* / Length **	Voltage
LINILINE STANDARD TRIMLESS ANTIGLARE *(LINILINE ST TRAG)* **LINILINE SUPERIOR TRIMLESS ANTIGLARE** *(LINILINE SP TRAG)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾ 80 *(80)* ⩾ 90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)*	***Superior models**** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models****** 11W / 53cm *(11W053)* 15.7W / 78cm *(16W078)* 21W / 103cm *(21W103)* 26.3W / 128cm *(26W128)* 31.5W / 153cm *(32W153)* 36.3W / 178cm *(36W178)* 42W / 203cm *(42W203)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight)
** Available in custom lenghts, luminaire colours and power upon request.
*** Dimension without end caps for Superior models (add 1.5mm for each end cap).
**** Dimension with end caps.

Ordering Code Example: *LINILINE ST TRAG-AN-3080-70F-36W175-24*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt*** / Length	Voltage
LINILINE SUPERIOR TRIMLESS ANTIGLARE L TYPE *(LINILINE SP TRAG-LT)* **LINILINE SUPERIOR TRIMLESS ANTIGLARE T TYPE** *(LINILINE SP TRAG-TT)* **LINILINE SUPERIOR TRIMLESS ANTIGLARE X TYPE** *(LINILINE SP TRAG-XT)* **LINILINE SUPERIOR TRIMLESS ANTIGLARE VER-I TYPE** *(LINILINE SP TRAG-VER-IT)* **LINILINE SUPERIOR TRIMLESS ANTIGLARE VER-O TYPE** *(LINILINE SP TRAG-VER-OT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾ 80 *(80)* ⩾ 90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)*	3.5W / 12,25x12,25cm *(4W1212)* 5.3W / 12,25x18,1cm *(5W1218)* 7W / 18,1x18,1cm *(7W1818)* 7W / 16x16cm *(7W1616)* 7W / 19,6x19,6cm *(7W2020)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaire.
*** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP TRAG-LT-AN-3080-30L-4W1010-24*

LINILINE SF/SFAG
(Surface/Surface Antiglare)

Interior Linear

- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

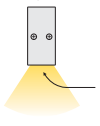
SF

SFAG

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

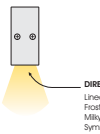
SF



DIRECT LIGHTING

Linear lens:	15°, 30°, 50°, 70°
Frosted, Clear, Milky Cover:	110°
Symmetrical lens:	20°, 35°, 60°
Oval lens:	25°x45°

SFAG



DIRECT LIGHTING

Linear lens:	15°, 30°, 45°, 60°
Frosted, Clear:	70°
Milky Cover:	80°
Symmetrical lens:	20°, 35°, 60°
Oval lens:	25°x45°

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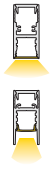
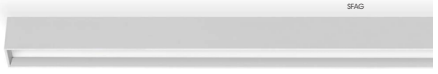
ELECTRON

Direct:
Milky / Clear / Frosted cover



SF

SFAG



Direct:
Linear lens

SF

SFAG

Direct:
Symmetrical / Oval lens

(High dencity lenses.)

SF

(High dencity lenses.)

SFAG

Direct:
Symmetrical / Oval lens

(Low dencity lenses.)

SF

(Low dencity lenses.)

SFAG

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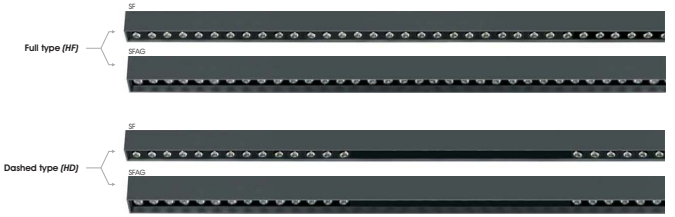
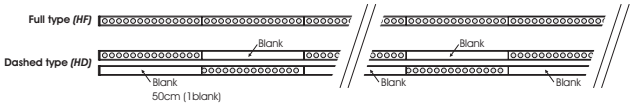
Standard Luminaire Colours:
Custom Colours available upon request

High density lenses
LINILINE SF/SFAG High efficiency



Low density lenses
LINILINE SF/SFAG High efficiency



50cm (1blank)
75cm (1 blank)
100cm (2 blanks)
125cm (2 blanks)
150cm (3 blanks)
175cm (3 blanks)
200cm (4 blanks)

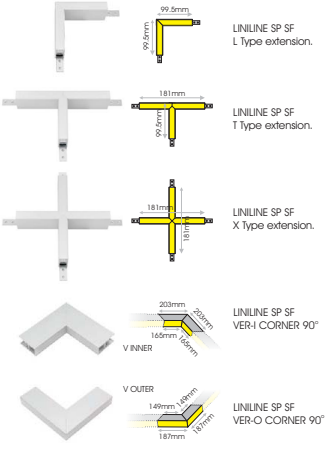
Custom quantities of blanks is available upon request.

The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation.
Electrical connections between Superior series Liniline luminaires and accessories are made by build in in-out connectors and internal wiring.

Extensions for Superior models

Note: The referred dimensions of extensions are valid with 21W Nichia LED strip.

SF



LINILINE SP SF
L Type extension.

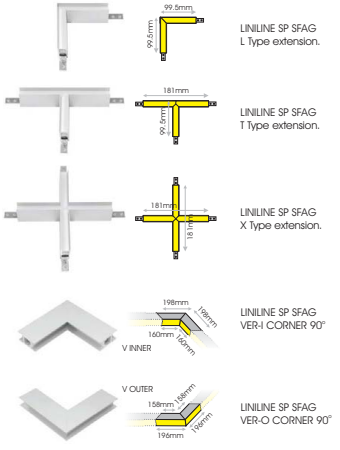
LINILINE SP SF
T Type extension.

LINILINE SP SF
X Type extension.

LINILINE SP SF
VER-I CORNER 90°

LINILINE SP SF
VER-O CORNER 90°

SFAG



LINILINE SP SFAG
L Type extension.

LINILINE SP SFAG
T Type extension.

LINILINE SP SFAG
X Type extension.

LINILINE SP SFAG
VER-I CORNER 90°

LINILINE SP SFAG
VER-O CORNER 90°

PRH.069 EXTENSION LINE

LINILINE **SURFACE**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage
LINILINE STANDARD SURFACE *(LINILINE ST SF)* **LINILINE SUPERIOR SURFACE** *(LINILINE SP SF)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)* ⩾90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)*	***Superior models**** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models***** 11W / 53cm *(11W053)* 15.7W / 78cm *(16W078)* 21W / 103cm *(21W103)* 26.3W / 128cm *(26W128)* 31.5W / 153cm *(32W153)* 36.3W / 178cm *(36W178)* 42W / 203cm *(42W203)*	24VDC *(24)*

* Tunable white, RG8 and RG8W models are available upon request (for downlight and /or uplight)
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD). Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m
**** Dimension without end caps for Superior models (add 2mm for each end cap).
***** Dimension with end caps. .

Ordering Code Example: *LINILINE ST SF-AN-3080-110M-32W150-24*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR SURFACE L TYPE *(LINILINE SP SF-LT)* **LINILINE SUPERIOR SURFACE T TYPE** *(LINILINE SP SF-TT)* **LINILINE SUPERIOR SURFACE X TYPE** *(LINILINE SP SF-XT)* **LINILINE SUPERIOR SURFACE VER-I TYPE** *(LINILINE SP SF-VER-IT)* **LINILINE SUPERIOR SURFACE VER-O TYPE** *(LINILINE SP SF-VER-OT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)* ⩾90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 9.95x9.95cm *(4W1010)* 5.3W / 9.95x18,1cm *(5W1018)* 7W / 18,1x18,1cm *(7W1818)* 7W / 16,5x16,5cm *(5W1018)* 7W / 18,7x18,7cm *(7W1818)*	24VDC *(24)*

* Tunable white, RG8 and RG8W models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaires.
*** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP SF-LT-AN-3080-30L-4W1010-24*

LINILINE **SURFACE ANTIGLARE**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage
LINILINE STANDARD SURFACE ANTIGLARE *(LINILINE ST SFAG)* **LINILINE SUPERIOR SURFACE ANTIGLARE** *(LINILINE SP SFAG)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)* ⩾90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)*	***Superior models**** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models***** 11W / 53cm *(11W053)* 15.7W / 78cm *(16W078)* 21W / 103cm *(21W103)* 26.3W / 128cm *(26W128)* 31.5W / 153cm *(32W153)* 36.3W / 178cm *(36W178)* 42W / 203cm *(42W203)*	24VDC *(24)*

* Tunable white, RG8 and RG8W models are available upon request (for downlight and /or uplight)
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD). Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m
**** Dimension without end caps for Superior models (add 2mm for each end cap).
***** Dimension with end caps. .

Ordering Code Example: *LINILINE ST SFAG-AN-3080-70F-32W150-24*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR SURFACE ANTIGLARE L TYPE *(LINILINE SP SFAG-LT)* **LINILINE SUPERIOR SURFACE ANTIGLARE T TYPE** *(LINILINE SP SFAG-TT)* **LINILINE SUPERIOR SURFACE ANTIGLARE X TYPE** *(LINILINE SP SFAG-XT)* **LINILINE SUPERIOR SURFACE ANTIGLARE VER-I TYPE** *(LINILINE SP SFAG-VER-IT)* **LINILINE SUPERIOR SURFACE ANTIGLARE VER-O TYPE** *(LINILINE SP SFAG-VER-OT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)* ⩾90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 9.95x9.95cm *(4W1010)* 5.3W / 9.95x18,1cm *(5W1018)* 7W / 18,1x18,1cm *(7W1818)* 7W / 16x16cm *(7W1616)* 7W / 19,6x19,6cm *(7W2020)*	24VDC *(24)*

* Tunable white, RG8 and RG8W models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaires.
*** The referred dimensions of extensions are valid with 21W Nichia LED strip.

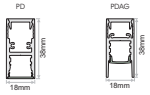
Ordering Code Example: *LINILINE SP SFAG-LT-AN-3080-30L-4W1010-24*

LINILINE PD/PDAG
(Pendant/Pendant Antiglare)

Interior Linear

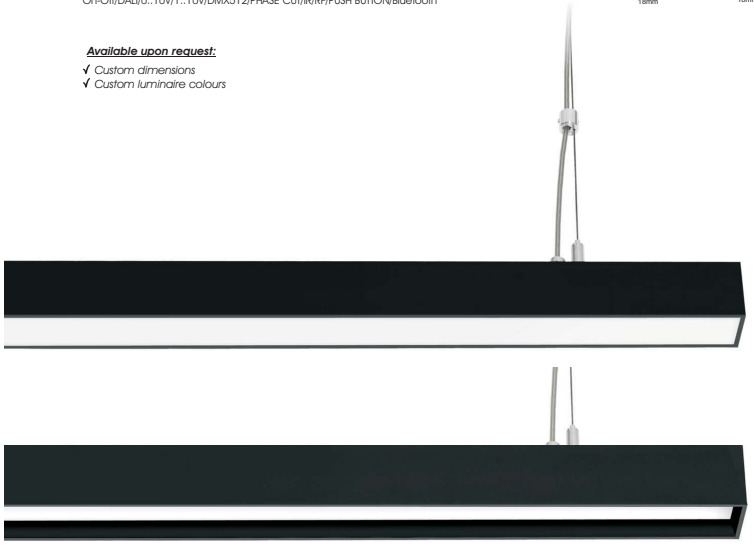
- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

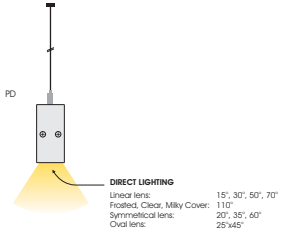
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

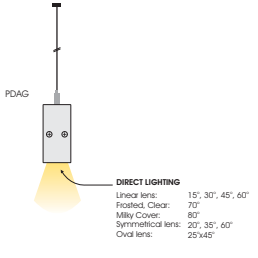


Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*







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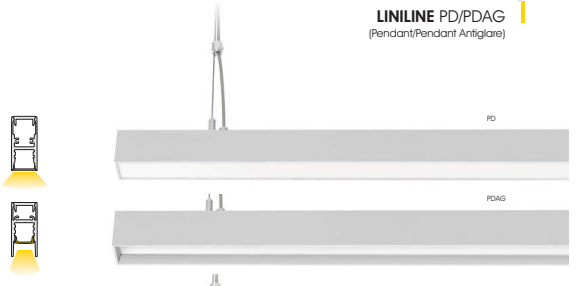
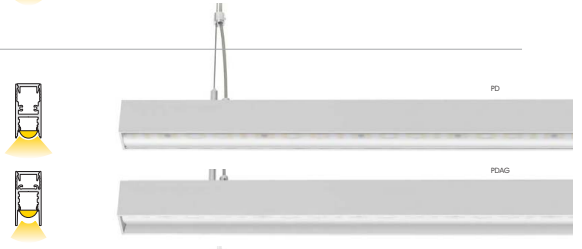
Interior Linear

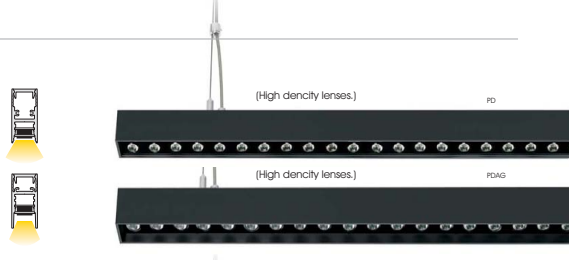
Direct:
Milky / Clear / Frosted cover



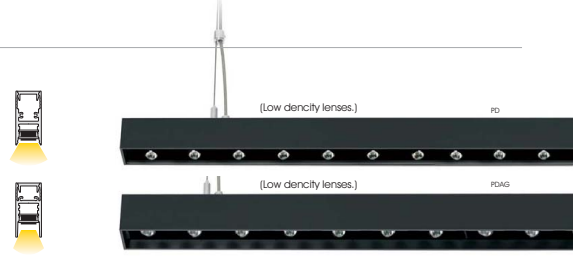
Direct:
Linear lens



Direct:
Symmetrical / Oval lens



Direct:
Symmetrical / Oval lens



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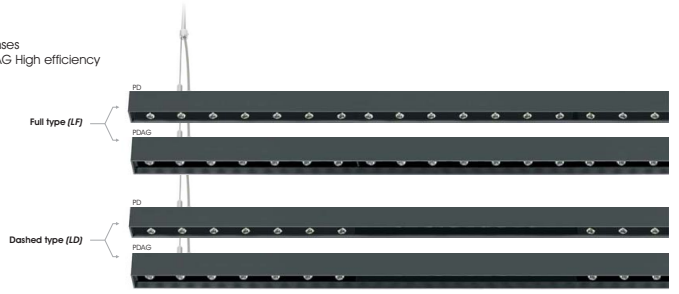
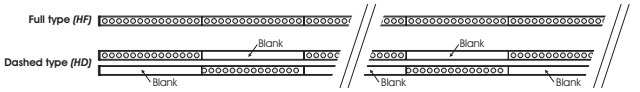
Standard Luminaire Colours:
Custom Colours available upon request

High density lenses
LINILINE PD/PDAG High efficiency

Low density lenses
LINILINE PD/PDAG High efficiency





50cm (1blank)
75cm (1 blank)
100cm (2 blanks)
125cm (2 blanks)
150cm (3 blanks)
175cm (3 blanks)
200cm (4 blanks)

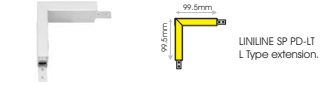
Custom quantities of blanks is available upon request.

The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation.
Electrical connections between Superior series Liniline luminaires and accessories are made by build in in-out connectors and internal wiring.

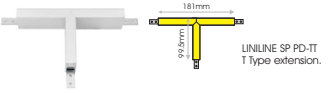
Extensions for Superior models

Note: The referred dimensions of extensions are valid with 21W Nichia LED strip.

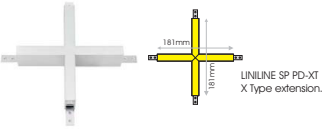
PD



LINILINE SP PD-LT
L Type extension.

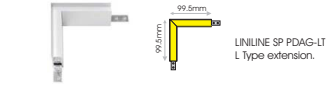


LINILINE SP PD-TT
T Type extension.

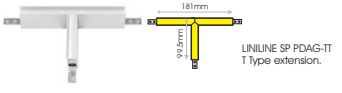


LINILINE SP PD-XT
X Type extension.

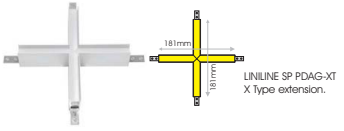
PDAG



LINILINE SP PDAG-LT
L Type extension.



LINILINE SP PDAG-TT
T Type extension.



LINILINE SP PDAG-XT
X Type extension.

PRH.081 EXTENSION LINE

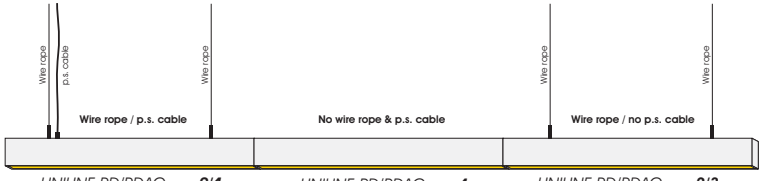
LINILINE PD/PDAG
(Pendant/Pendant Antiglare)

Interior Linear

PD

PDAG

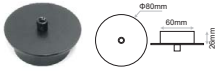
Build-in connectors and internal wiring for electrical connection of Superior luminaires.



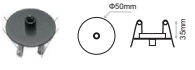
*LINILINE PD/PDAG.....-**0/1*** *LINILINE PD/PDAG.....-**4*** *LINILINE PD/PDAG.....-**2/3***

Order code example of using wire rope length & p.s. cable options on 3 Superior luminaires, connected with line extensions.
The second and third luminaire supplied from the first through build-in connectors and internal wiring.

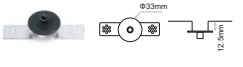
Canopy



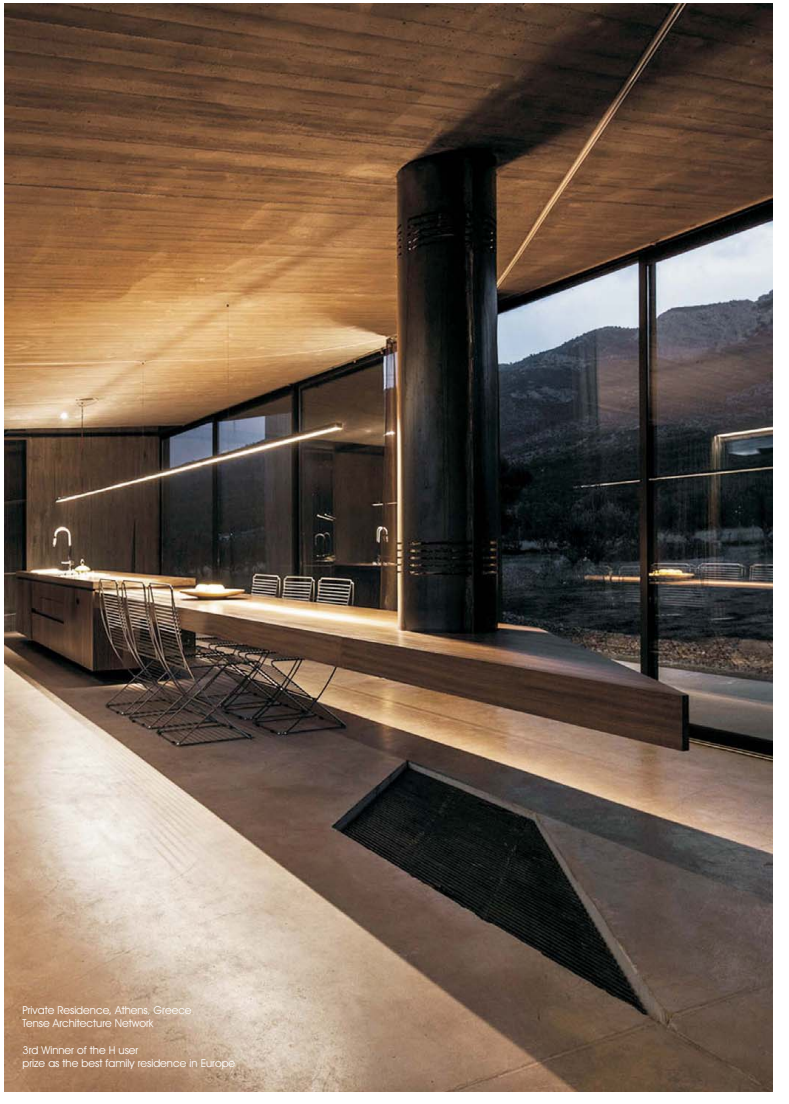
PRH.039 Canopy Surface WHITE
PRH.082 Canopy Surface BLACK
PRH.085 Canopy Surface LIGHT GREY



PRH.040 Canopy Recessed WHITE
PRH.083 Canopy Recessed BLACK
PRH.086 Canopy Recessed LIGHT GREY



PRH.041 Canopy Trimless WHITE
PRH.084 Canopy Trimless BLACK
PRH.087 Canopy Trimless LIGHT GREY



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LINILINE **PENDANT**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE STANDARD PENDANT *(LINILINE ST PD)* **LINILINE SUPERIOR PENDANT** *(LINILINE SP PD)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)* ⩾90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)*	***Superior models***** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models****** 11W / 53cm *(11W053)* 15.7W / 78cm *(16W078)* 21W / 103cm *(21W103)* 26.3W / 128cm *(26W128)* 31.5W / 153cm *(32W153)* 36.3W / 178cm *(36W178)* 42W / 203cm *(42W203)*	24VDC *(24)*	***Wire Rope Length & p.s. cable*** ***Superior models*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)* 1,5m / no p.s.cable *(2)* 3m / no p.s. cable *(3)* No w.rope & p.s.cable *(4)* ***Standard models*** 1,5m / p.s. cable without in-out int.wiring *(5)* 3m / p.s. cable without in-out int.wiring *(6)*

* Tunable white, RG8 and RG8W models are available upon request (for downlight and /or uplight).
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF).
Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD).
Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m
**** Dimensions without end caps. Add 2mm for each end cap.
***** Dimensions with end caps.

Ordering Code Example: *LINILINE SP PD-AN-3080-35LF-32W150-24-0*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR PENDANT L TYPE *(LINILINE SP PD-LT)* **LINILINE SUPERIOR PENDANT T TYPE** *(LINILINE SP PD-TT)* **LINILINE SUPERIOR PENDANT X TYPE** *(LINILINE SP PD-XT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)* ⩾90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 9.95x9.95cm *(4W1010)* 5.3W / 9.95x18,1cm *(5W1018)* 7W / 18,1x18,1cm *(7W1818)*	24VDC *(24)*

* Tunable white, RG8 and RG8W models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaires.
*** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP PD-LT-AN-3080-30L-4W1010-24*

LINILINE **PENDANT ANTIGLARE**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE STANDARD PENDANT ANTIGLARE *(LINILINE ST PDAG)* **LINILINE SUPERIOR PENDANT ANTIGLARE** *(LINILINE SP PDAG)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)* ⩾90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)*	***Superior models***** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models****** 11W / 53cm *(11W053)* 15.7W / 78cm *(16W078)* 21W / 103cm *(21W103)* 26.3W / 128cm *(26W128)* 31.5W / 153cm *(32W153)* 36.3W / 178cm *(36W178)* 42W / 203cm *(42W203)*	24VDC *(24)*	***Wire Rope Length & p.s. cable*** ***Superior models*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)* 1,5m / no p.s.cable *(2)* 3m / no p.s. cable *(3)* No w.rope & p.s.cable *(4)* ***Standard models*** 1,5m / p.s. cable without in-out int.wiring *(5)* 3m / p.s. cable without in-out int.wiring *(6)*

* Tunable white, RG8 and RG8W models are available upon request (for downlight and /or uplight).
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF).
Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD).
Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m
**** Dimensions without end caps. Add 2mm for each end cap.
***** Dimensions with end caps.

Ordering Code Example: *LINILINE ST PDAG-AN-3080-35LF-32W150-24-3*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR PENDANT ANTIGLARE L TYPE *(LINILINE SP PDAG-LT)* **LINILINE SUPERIOR PENDANT ANTIGLARE T TYPE** *(LINILINE SP PDAG-TT)* **LINILINE SUPERIOR PENDANT ANTIGLARE X TYPE** *(LINILINE SP PDAG-XT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)* ⩾90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 9.95x9.95cm *(4W1010)* 5.3W / 9.95x18,1cm *(5W1018)* 7W / 18,1x18,1cm *(7W1818)*	24VDC *(24)*

* Tunable white, RG8 and RG8W models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaires.
*** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP PDAG-LT-AN-3080-30L-4W1010-24*

LINILINE PDDI/PDDIAG

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)

Interior Linear

- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

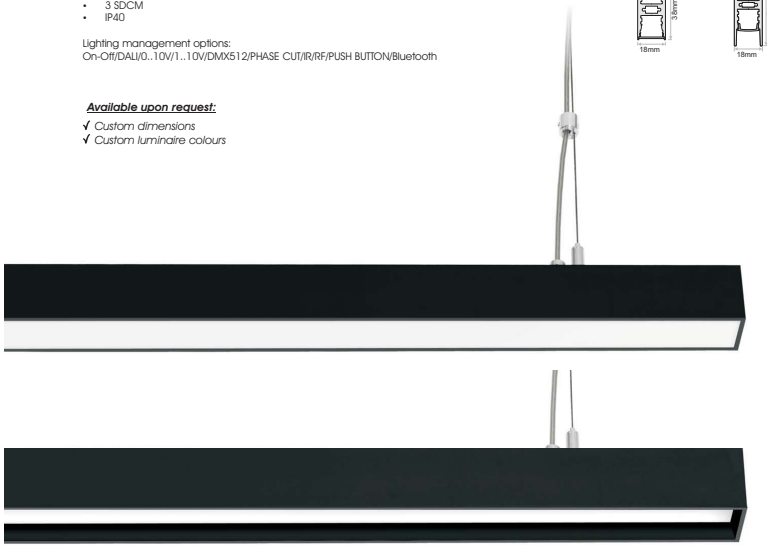
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

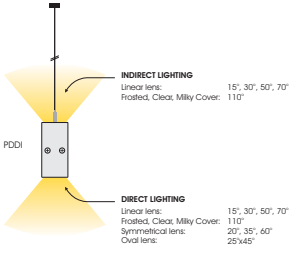
PDDI

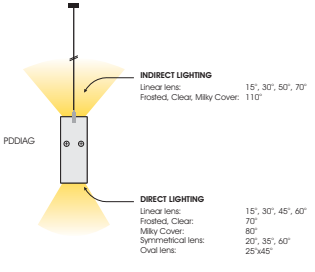
PDDIAG

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*







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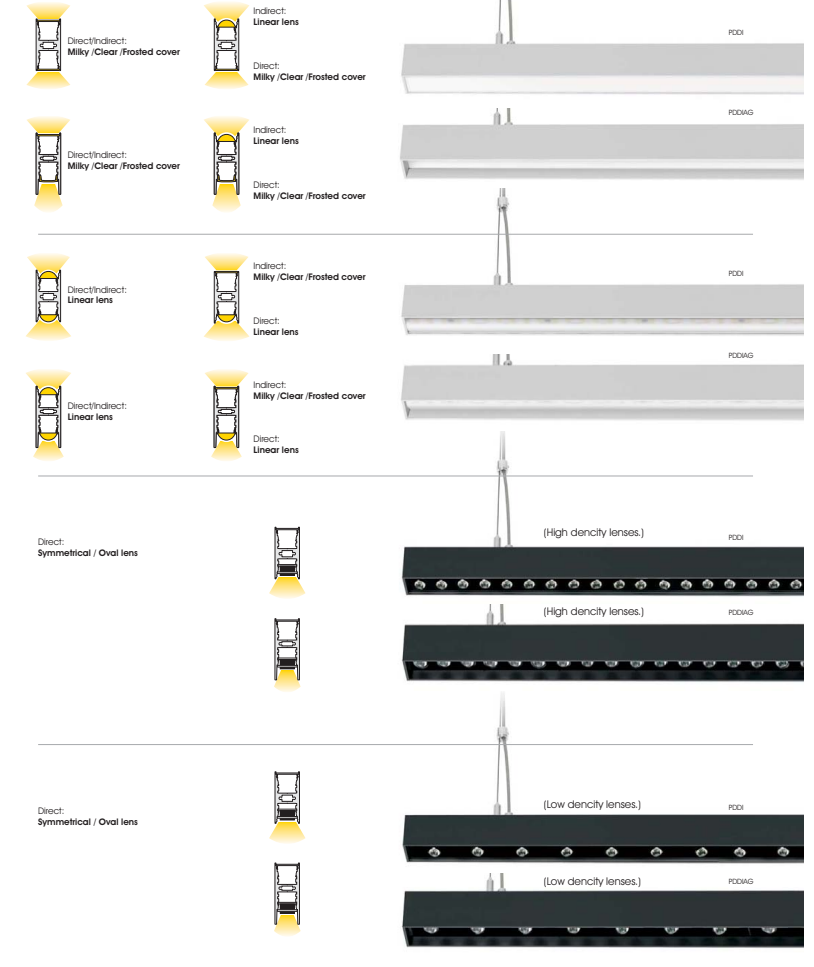
ELECTRON

Interior Linear

LINILINE PDDI/PDDIAG

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



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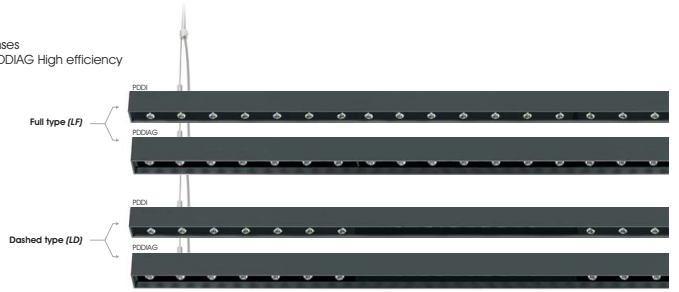
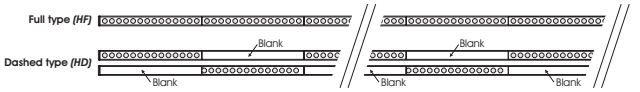
Standard Luminaire Colours:
Custom Colours available upon request

High density lenses
LINILINE PDDI/PDDIAG High efficiency

Low density lenses
LINILINE PDDI/PDDIAG High efficiency





50cm (1 blank)
75cm (1 blank)
100cm (2 blanks)
125cm (2 blanks)
150cm (3 blanks)
175cm (3 blanks)
200cm (4 blanks)

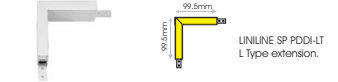
Custom quantities of blanks is available upon request.

The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation.
Electrical connections between Superior series Liniline luminaires and accessories are made by build in in-out connectors and internal wiring.

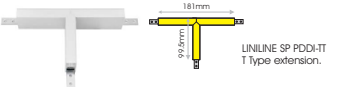
Extensions for Superior models

Note: The referred dimensions of extensions are valid with 21W Nichia LED strip.

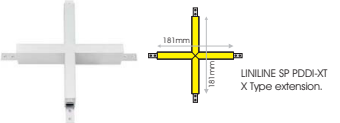
PDDI



LINILINE SP PDDI-LT
L Type extension.

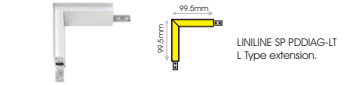


LINILINE SP PDDI-TT
T Type extension.

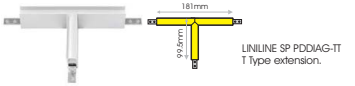


LINILINE SP PDDI-XT
X Type extension.

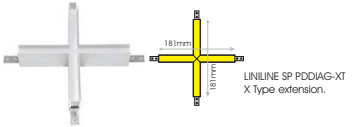
PDDIAG



LINILINE SP PDDIAG-LT
L Type extension.



LINILINE SP PDDIAG-TT
T Type extension.



LINILINE SP PDDIAG-XT
X Type extension.

PRH.080 LINILINE PDDI/PDDIAG EXTENSION LINE

LINILINE PDDI/PDDIAG

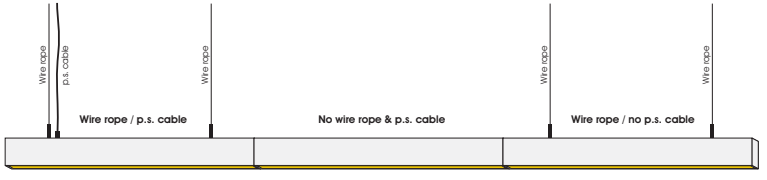
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)

Interior Linear

PDDI

PDDIAG

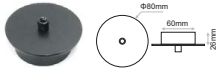
Build-in connectors and internal wiring for electrical connection of Superior luminaires.



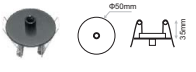
*LINILINE PDDI\PDDIAG-.....-**0**X / **1**X* *LINILINE PDDI\PDDIAG-.....-**4**X* *LINILINE PDDI\PDDIAG-.....-**2**X / **3**X*

Example of using wire rope length & p.s. cable options on 3 Superior luminaires, connected with line extensions.
The second and third luminaire supplied from the first through build-in connectors and internal wiring.

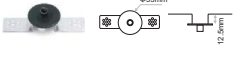
Canopy



PRH.039 Canopy Surface WHITE
PRH.082 Canopy Surface BLACK
PRH.085 Canopy Surface LIGHT GREY



PRH.040 Canopy Recessed WHITE
PRH.083 Canopy Recessed BLACK
PRH.086 Canopy Recessed LIGHT GREY



PRH.041 Canopy Trimless WHITE
PRH.084 Canopy Trimless BLACK
PRH.087 Canopy Trimless LIGHT GREY

Townhouse, Lefkada, Greece
Lighting Design: Idea Design Ltd
Architect: Ioanna Zavitsanou
Photo: Giorgis Papadakis

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LINILINE **PENDANT Direct-Indirect**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE STANDARD PENDANT DIRECT/INDIRECT *(LINILINE ST PDDI)* **LINILINE SUPERIOR PENDANT DIRECT/INDIRECT** *(LINILINE SP PDDI)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)* >90 *(90)*	***DIRECT LIGHTING*** *(XXXXXX)* ***INDIRECT LIGHTING*** ***DIRECT & INDIRECT beam angle options*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***DIRECT only beam angle options With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)*	***Superior models***** 15.8W / 50cm *(16W050)* 26,3W / 75cm *(26W075)* 36.8W / 100cm *(37W100)* 47,3W / 125cm *(47W125)* 57.8W / 150cm *(58W150)* 68,3W / 175cm *(68W175)* 78.8W / 200cm *(79W200)* ***Standard models***** 17.5W / 53cm *(18W053)* 28W / 78cm *(28W078)* 38.5W / 103cm *(39W103)* 49W / 128cm *(49W128)* 59.5W / 153cm *(60W153)* 70W / 178cm *(70W178)* 80.5W / 203cm *(81W203)*	24VDC *(24)*	***Wire Rope Length & p.s. cable*** ***Superior models*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)* 1,5m / no p.s.cable *(2)* 3m / no p.s. cable *(3)* No w.rope & p.s.cable *(4)* ***Standard models*** 1,5m / p.s. cable *(5)* without in-out int.wiring 3m / p.s. cable *(6)* without in-out int.wiring *(XX)* ***Direct, Indirect control*** for both sides *(0)* for Direct & Indirect *(1)* side, separately

* Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight).
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD). Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m
**** Dimensions without end caps. Add 2mm for each end cap.
***** Dimensions with end caps.

Ordering Code Example: *LINILINE ST PDDI-AN-3080-35LF100M-58W150-24-11*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR PENDANT DIRECT/INDIRECT L TYPE *(LINILINE SP PDDI-LT)* **LINILINE SUPERIOR PENDANT DIRECT/INDIRECT T TYPE** *(LINILINE SP PDDI-TT)* **LINILINE SUPERIOR PENDANT DIRECT/INDIRECT X TYPE** *(LINILINE SP PDDI-XT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)* >90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 9.95x9.95cm *(4W1010)* 5.3W / 9.95x18,1cm *(5W1018)* 7W / 18,1x18,1cm *(7W1818)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of LINILINE PDDI luminaires.
*** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP PDDI-LT-AN-3080-30L-4W1010-24*

LINILINE **PENDANT Direct-Indirect ANTIGLARE**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE STANDARD PENDANT DIRECT/INDIRECT ANTIGLARE *(LINILINE ST PDDIAG)* **LINILINE SUPERIOR PENDANT DIRECT/INDIRECT ANTIGLARE** *(LINILINE SP PDDIAG)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)* >90 *(90)*	***DIRECT LIGHTING*** *(XXXXXX)* ***INDIRECT LIGHTING*** ***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)* ***INDIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)*	***Superior models***** 15.8W / 50cm *(16W050)* 26,3W / 75cm *(26W075)* 36.8W / 100cm *(37W100)* 47,3W / 125cm *(47W125)* 57.8W / 150cm *(58W150)* 68,3W / 175cm *(68W175)* 78.8W / 200cm *(79W200)* ***Standard models***** 17.5W / 53cm *(18W053)* 28W / 78cm *(28W078)* 38.5W / 103cm *(39W103)* 49W / 128cm *(49W128)* 59.5W / 153cm *(60W153)* 70W / 178cm *(70W178)* 80.5W / 203cm *(81W203)*	24VDC *(24)*	***Wire Rope Length & p.s. cable*** ***Superior models*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)* 1,5m / no p.s.cable *(2)* 3m / no p.s. cable *(3)* No w.rope & p.s.cable *(4)* ***Standard models*** 1,5m / p.s. cable *(5)* without in-out int.wiring 3m / p.s. cable *(6)* without in-out int.wiring *(XX)* ***Direct, Indirect control*** for both sides *(0)* for Direct & Indirect *(1)* side, separately

* Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight).
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request

*** The indicated power refer to all models with 21W Nichia LED strip and/or Low density Full lenses. Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD). Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m
**** Dimensions without end caps. Add 2mm for each end cap.
***** Dimensions with end caps.

Ordering Code Example: *LINILINE ST PDDIAG-AN-3080-35LF100M-58W150-24-11*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR PENDANT DIRECT/INDIRECT ANTIGLARE L TYPE *(LINILINE SP PDDIAG-LT)* **LINILINE SUPERIOR PENDANT DIRECT/INDIRECT ANTIGLARE T TYPE** *(LINILINE SP PDDIAG-TT)* **LINILINE SUPERIOR PENDANT DIRECT/INDIRECT ANTIGLARE X TYPE** *(LINILINE SP PDDIAG-XT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)* >90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 9.95x9.95cm *(4W1010)* 5.3W / 9.95x18,1cm *(5W1018)* 7W / 18,1x18,1cm *(7W1818)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of LINILINE PDDI luminaires.
*** The referred dimensions of extensions are valid with 21W Nichia LED strip.

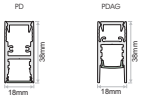
Ordering Code Example: *LINILINE SP PDDIAG-LT-AN-3080-30L-4W1010-24*

LINILINE PD/PDAG
Square-Rectangle
(Pendant-Pendant Antiglare)

Interior Linear

- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

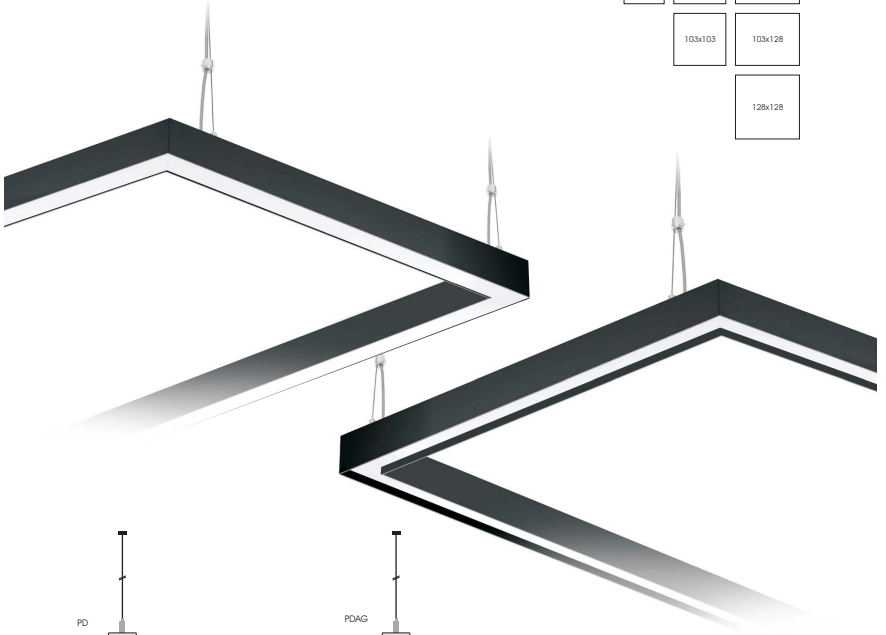
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

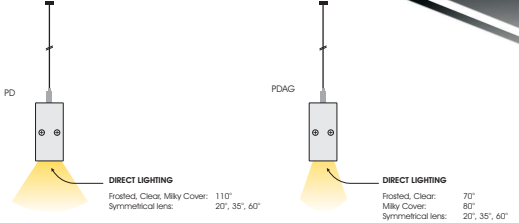


Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

53x53	53x78	53x103	53x128
	78x78	78x103	78x128
		103x103	103x128
			128x128





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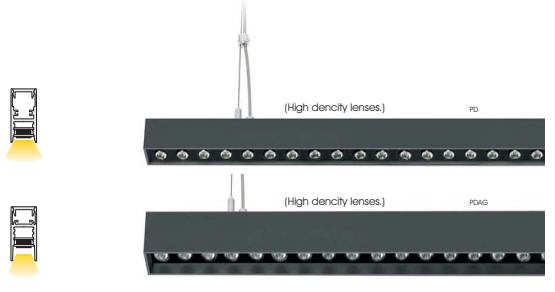
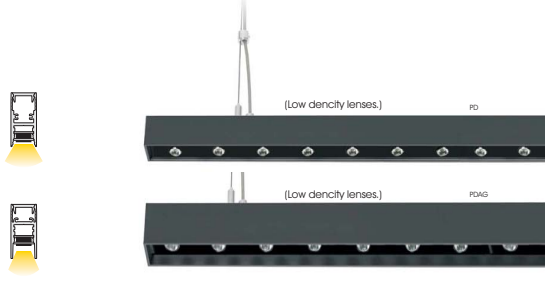
Direct/Indirect:
Milky /Clear /Frosted cover

Direct:
Symmetrical



Direct:
Symmetrical



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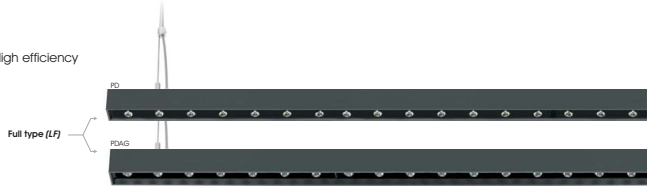
LINILINE PD/PDAG
Square-Rectangle
(Pendant-Pendant Antiglare)

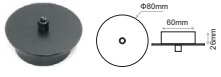
Standard Luminaire Colours:
Custom Colours available upon request

High density lenses
LINILINE PD/PDAG High efficiency

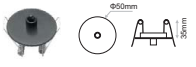
Low density lenses
LINILINE PD/PDAG High efficiency



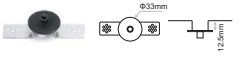
Canopy



PRH.039 Canopy Surface WHITE
PRH.082 Canopy Surface BLACK
PRH.085 Canopy Surface LIGHT GREY



PRH.040 Canopy Recessed WHITE
PRH.083 Canopy Recessed BLACK
PRH.086 Canopy Recessed LIGHT GREY



PRH.041 Canopy Trimless WHITE
PRH.084 Canopy Trimless BLACK
PRH.087 Canopy Trimless LIGHT GREY

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LINILINE PD/PDAG
Square-Rectangle
(Pendant-Pendant Antiglare)

LIGHTSOURCE BY NICHIA CREE LEDs

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE PENDANT Square/Rectangle *(LINILINE PD)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	***With LED strip (Nichia LEDs)*** Frosted Cover *(FRO)* Clear Cover *(CLE)* Milky Cover *(MIL)* ***With LED modules (CREE LEDs)*** 20° High Density Symmetrical lens *(20H)* 20° Low Density Symmetrical lens *(20L)* 35° High Density Symmetrical lens *(35H)* 35° Low Density Symmetrical lens *(35L)* 60° High Density Symmetrical lens *(60H)* 60° Low Density Symmetrical lens *(60L)*	42W / 53x53cm *(42W53x53)* 52,5W / 53x78cm *(53W53x78)* 63W / 53x103cm *(63W53x103)* 73,5W / 53x128cm *(74W53x128)* 63W / 78x78cm *(63W78x78)* 73,5W / 78x103cm *(74W78x103)* 84W / 78x128cm *(84W78x128)* 84W / 103x103cm *(84W103x103)* 94.5W / 103x128cm *(95W103x128)* 105W / 128x128cm *(105W128x128)*	24VDC *(24)*	***Wire Rope & p.s. cable lengths*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)*

* Tunable white, RG8 and RGBW models are available upon request.
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.
*** The power (Watt) refers to all models with 21W Nichia LED strip and models with Low density Lenses. Multiply the above watts by a factor of 1.9 to find the power of models with high density lenses.

Ordering Code Example: *LINILINE PD-AN-3080-20H-95W103x128-24-1*

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE PENDANT ANTIGLARE Square/Rectangle *(LINILINE PDAG)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	***With LED strip (Nichia LEDs)*** Frosted Cover *(FRO)* Clear Cover *(CLE)* Milky Cover *(MIL)* ***With LED modules (CREE LEDs)*** 20° High Density Symmetrical lens *(20H)* 20° Low Density Symmetrical lens *(20L)* 35° High Density Symmetrical lens *(35H)* 35° Low Density Symmetrical lens *(35L)* 60° High Density Symmetrical lens *(60H)* 60° Low Density Symmetrical lens *(60L)*	42W / 53x53cm *(42W53x53)* 52,5W / 53x78cm *(53W53x78)* 63W / 53x103cm *(63W53x103)* 73,5W / 53x128cm *(74W53x128)* 63W / 78x78cm *(63W78x78)* 73,5W / 78x103cm *(74W78x103)* 84W / 78x128cm *(84W78x128)* 84W / 103x103cm *(84W103x103)* 94.5W / 103x128cm *(95W103x128)* 105W / 128x128cm *(105W128x128)*	24VDC *(24)*	***Wire Rope & p.s. cable lengths*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)*

* Tunable white, RG8 and RGBW models are available upon request.
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.
*** The power (Watt) refers to all models with 21W Nichia LED strip and models with Low density Lenses. Multiply the above watts by a factor of 1.9 to find the power of models with high density lenses.

Ordering Code Example: *LINILINE PDAG-AN-3080-35H-95W103x128-24-1*

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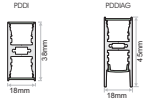
LINILINE PDDI/PDDIAG
Square-Rectangle
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)

Interior Linear

- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

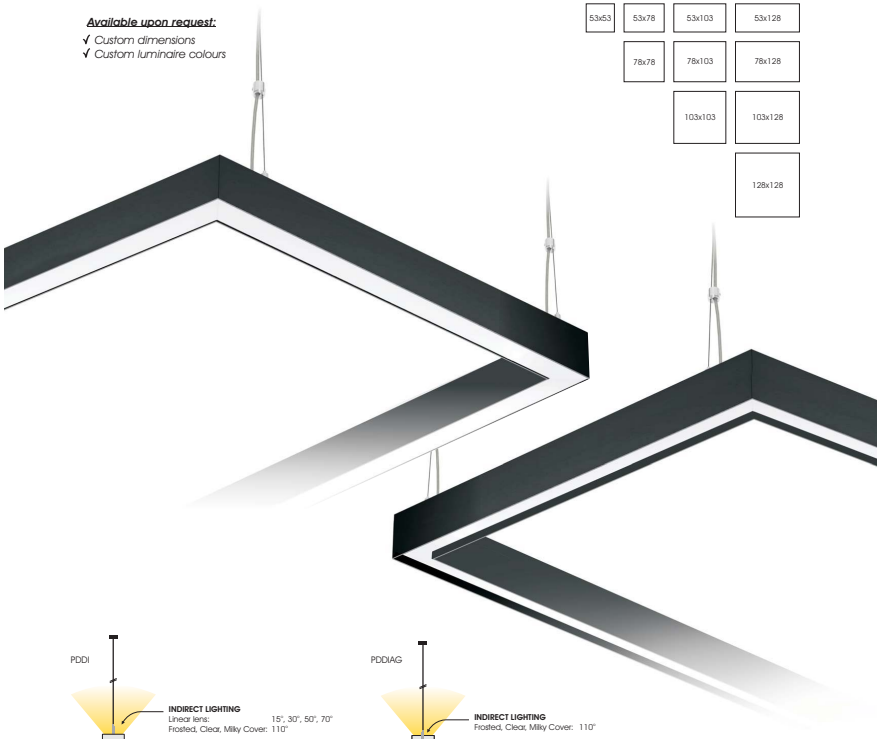
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

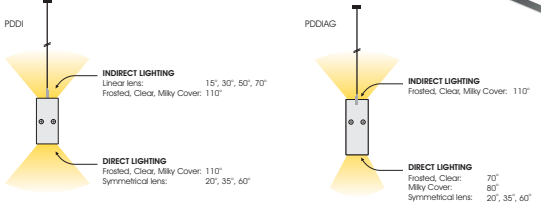


Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

53x53	53x78	53x103	53x128
	78x78	78x103	78x128
		103x103	103x128
			128x128





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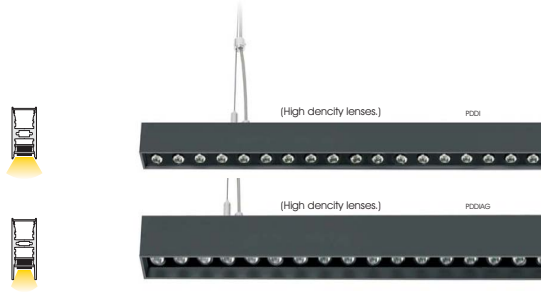
Direct/Indirect:
Milky /Clear /Frosted cover

Direct:
Symmetrical



Direct:
Symmetrical

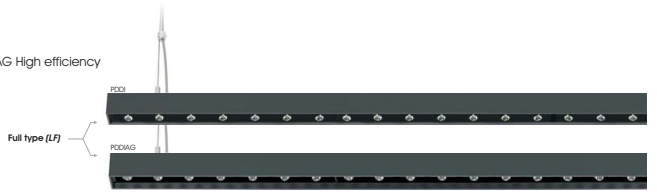
LINILINE PDDI/PDDIAG
Square-Rectangle
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)

Interior Linear

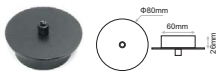
Standard Luminaire Colours:
Custom Colours available upon request

High density lenses
LINILINE PDDI/PDDIAG High efficiency

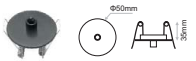
Low density lenses
LINILINE PDDI/PDDIAG High efficiency



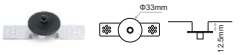
Canopy



PRH.039 Canopy Surface WHITE
PRH.082 Canopy Surface BLACK
PRH.085 Canopy Surface LIGHT GREY



PRH.040 Canopy Recessed WHITE
PRH.083 Canopy Recessed BLACK
PRH.086 Canopy Recessed LIGHT GREY



PRH.041 Canopy Trimless WHITE
PRH.084 Canopy Trimless BLACK
PRH.087 Canopy Trimless LIGHT GREY

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ELECTRON

Interior Linear

LINILINE PDDI/PDDIAG
Square-Rectangle
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)

LIGHTSOURCE BY NICHIA CREE LEDs

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE PENDANT DIRECT/INDIRECT Square/Rectangle *(LINILINE PDDI)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥80 *(80)*	***DIRECT LIGHTING*** (XXYXXX) ***INDIRECT LIGHTING*** ***DIRECT & INDIRECT beam angle options With LED strip (Nichia LEDs)*** Frosted Cover *(FRO)* Clear Cover *(CLE)* Milky Cover *(MIL)* ***DIRECT only beam angle options With LED modules (CREE LEDs)*** 20° High Density Symmetrical lens *(20H)* 20° Low Density Symmetrical lens *(20L)* 35° High Density Symmetrical lens *(35H)* 35° Low Density Symmetrical lens *(35L)* 60° High Density Symmetrical lens *(60H)* 60° Low Density Symmetrical lens *(60L)*	70W / 53x53cm *(70W53x53)* 91W / 53x78cm *(91W53x78)* 112W / 53x103cm *(112W53x103)* 133W / 53x128cm *(133W53x128)* 112W / 78x78cm *(112W78x78)* 133W / 78x103cm *(133W78x103)* 154W / 78x128cm *(154W78x128)* 154W / 103x103cm *(154W103x103)* 175W / 103x128cm *(175W103x128)* 196W / 128x128cm *(196W128x128)*	24VDC *(24)*	***Wire Rope & p.s. cable lengths*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)*

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE PENDANT DIRECT/INDIRECT ANTIGLARE Square/Rectangle *(LINILINE PDDIAG)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥80 *(80)*	***DIRECT LIGHTING*** (XXYXXX) ***INDIRECT LIGHTING*** ***DIRECT & INDIRECT beam angle options With LED strip (Nichia LEDs)*** Frosted Cover *(FRO)* Clear Cover *(CLE)* Milky Cover *(MIL)* ***DIRECT only beam angle options With LED modules (CREE LEDs)*** 20° High Density Symmetrical lens *(20H)* 20° Low Density Symmetrical lens *(20L)* 35° High Density Symmetrical lens *(35H)* 35° Low Density Symmetrical lens *(35L)* 60° High Density Symmetrical lens *(60H)* 60° Low Density Symmetrical lens *(60L)*	70W / 53x53cm *(70W53x53)* 91W / 53x78cm *(91W53x78)* 112W / 53x103cm *(112W53x103)* 133W / 53x128cm *(133W53x128)* 112W / 78x78cm *(112W78x78)* 133W / 78x103cm *(133W78x103)* 154W / 78x128cm *(154W78x128)* 154W / 103x103cm *(154W103x103)* 175W / 103x128cm *(175W103x128)* 196W / 128x128cm *(196W128x128)*	24VDC *(24)*	***Wire Rope & p.s. cable lengths*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)*

* Tunable white, RGB and RGBW models are available upon request (for direct and /or indirect lighting).
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.
*** The power (Watt) refers to all models with 21W Nichia LED strip and models with Low density Lenses. To find the power of models with high density lenses use the formula **((Power+14)x1.453)-14**
For example: The power of 78x103 model with high desnsity lenses is ((133+14)x1.453)-14=199.5W

Ordering Code Example: LINILINE PDDI-AN-3080-60HMIL-175W103x128-24-1

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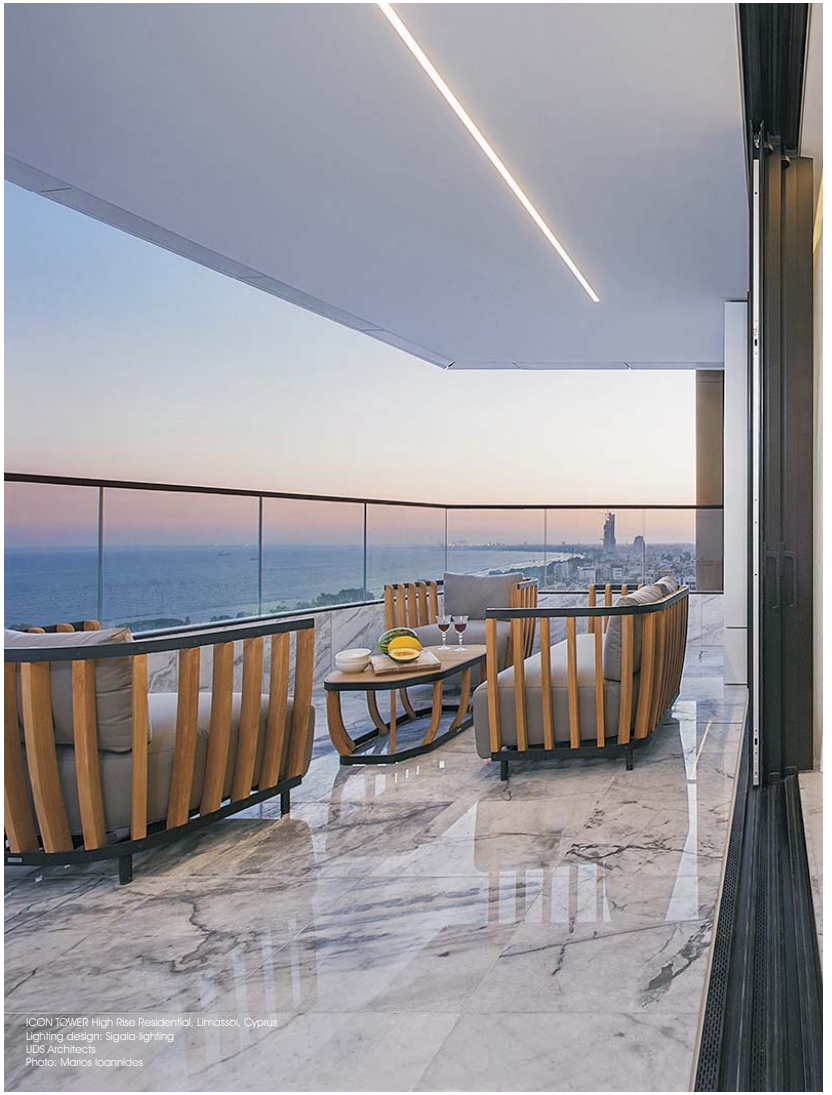
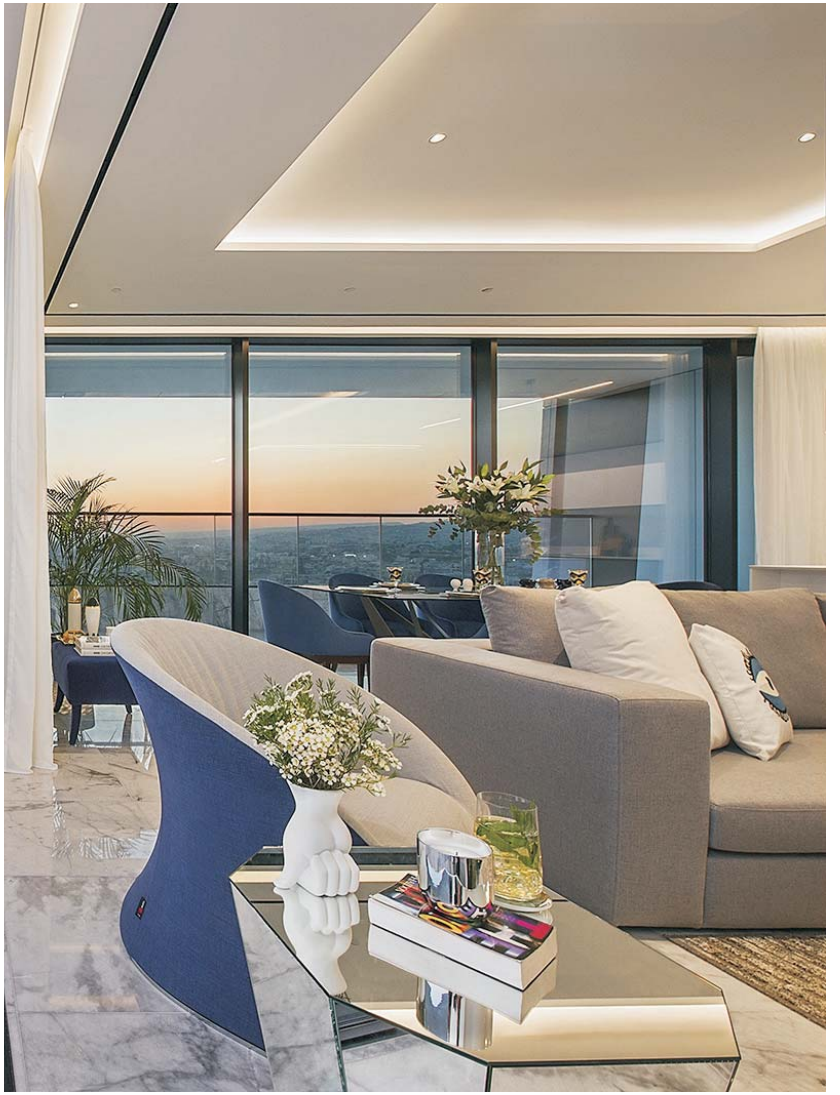


ICON TOWER High Rise Residential, Limassol, Cyprus
Lighting design: Sigala-lighting
UDS Architects
Photo: Marios Ioannides



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OUTLINER 50

Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microprismaatic cover.
It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths.
The series offers an excellent uniformity with colour consistency.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:
✓ *Custom dimensions*
✓ *Custom luminaire colours*

Seamless

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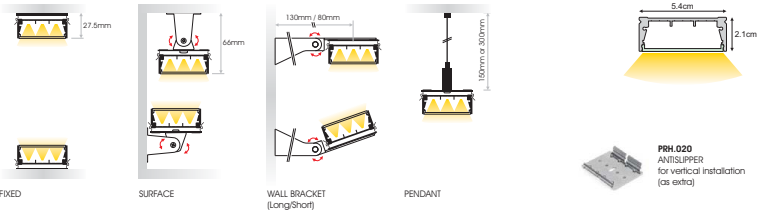
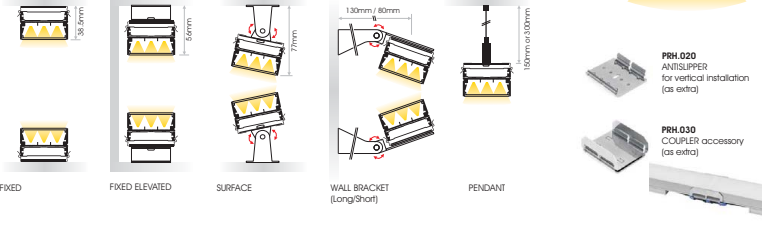
STANDARD



FIXED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.020
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS



FIXED | FIXED ELEVATED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.020
ANTISLIPPER
for vertical installation
(as extra)

PRH.030
COUPLER accessory
(as extra)

Connectors

Input cable with IP connectors
supplied as extra

In-Out cables & waterproof connectors
supplied as extra.

Supply connectors for a luminaire array
(as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

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STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

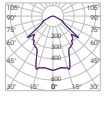
IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
OUTLINER 50 FIXED *(OUTLINER50-F)* **OUTLINER 50 SURFACE** *(OUTLINER50-S)* **OUTLINER 50 SHORT BRACKET 8cm** *(OUTLINER50-B1)* **OUTLINER 50 LONG BRACKET 13cm** *(OUTLINER50-B2)* **OUTLINER 50 PENDANT** *(OUTLINER50 P1)* ***H:150cm*** *(OUTLINER50 P2)* ***H:300cm***	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	31.5W / 53cm *(32W053)* 52.5W / 86,3cm *(53W086)* 63W / 103cm *(63W103)* 73.5W / 119,7cm *(74W120)* 94.5W / 153cm *(95W153)* 126W / 203cm *(126W203)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		40.5W / 53cm *(41W053)* 69.3W / 88.7cm *(69W089)* 81W / 103cm *(81W103)* 98.4W / 124.4cm *(98W124)* 121.5W / 153cm *(122W153)* 162W / 203cm *(162W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**		29.1W / 53cm *(29W053)* 46.8W / 83cm *(47W083)* 58.5W / 103cm *(59W103)* 70.2W / 123cm *(70W123)* 87.6W / 153cm *(88W153)* 117W / 203cm *(117W203)*		
		RGB *(RGB96)* 96LED/m		34.5W / 53cm *(35W053)* 60.3W / 90.5cm *(60W091)* 69W / 103cm *(69W103)* 81.9W / 121.7cm *(82W122)* 103.5W / 153cm *(104W153)* 138W / 203cm *(138W203)*		
		RGB *(RGB60)* 60LED/m**		21.6W / 53cm *(22W053)* 34.8W / 83cm *(35W083)* 43.5W / 103cm *(44W103)* 52.2W / 123cm *(52W123)* 65.1W / 153cm *(65W153)* 87W / 203cm *(87W203)*		
		RGB *(RGB30)* 30LED/m**		10.8W / 53cm *(11W053)* 17.1W / 83cm *(17W083)* 21.6W / 103cm *(22W103)* 25.8W / 123cm *(26W123)* 32.4W / 153cm *(32W153)* 43.2W / 203cm *(43W203)*		12VDC *(12)*

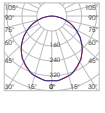
* Available in other colours or/and power upon request
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER50-F-AN-RGB60-52W123-MP-24*

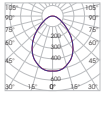
TR LOR 0,67



MS LOR 0,44



MP LOR 0,58



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SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

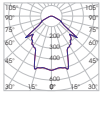
IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
OUTLINER 50 SEAMLESS FIXED *(OUTLINER50-SF)* **OUTLINER 50 SEAMLESS FIXED ELEVATED** *(OUTLINER50-SFE)* **OUTLINER 50 SEAMLESS SURFACE** *(OUTLINER50-SS)* **OUTLINER 50 SEAMLESS SHORT BRACKET 6.5cm** *(OUTLINER50-SB1)* **OUTLINER 50 SEAMLESS LONG BRACKET 11.5cm** *(OUTLINER50-SB2)* **OUTLINER 50 SEAMLESS PENDANT** *(OUTLINER50-SP1)* ***H:150cm*** *(OUTLINER50-SP2)* ***H:300cm***	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	31.5W / 50,3cm *(32W050)* 52.5W / 83,7cm *(53W084)* 63W / 100,3cm *(63W100)* 73.5W / 117cm *(74W117)* 94.5W / 150,3cm *(95W150)* 126W / 200,3cm *(126W200)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt* / Length****		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		40.5W / 50,3cm *(41W050)* 69.3W / 86cm *(69W086)* 81W / 100,3cm *(81W100)* 98.4W / 121,7cm *(98W122)* 121.5W / 150,3cm *(122W150)* 162W / 200,3cm *(162W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		29.1W / 50,3cm *(29W050)* 46.8W / 80,3cm *(47W080)* 58.5W / 100,3cm *(59W100)* 70.2W / 120,3cm *(70W120)* 87.6W / 150,3cm *(88W150)* 117W / 200,3cm *(117W200)*		
		RGB *(RGB96)* 96LED/m		34.5W / 50,3cm *(35W050)* 60.3W / 87,8cm *(60W088)* 69W / 100,3cm *(69W100)* 81.9W / 119cm *(82W119)* 103.5W / 150,3cm *(104W150)* 138W / 200,3cm *(138W200)*		
		RGB *(RGB60)* 60LED/m***		21.6W / 50,3cm *(22W050)* 34.8W / 80,3cm *(35W080)* 43.5W / 100,3cm *(44W100)* 52.2W / 120,3cm *(52W120)* 65.1W / 150,3cm *(65W150)* 87W / 200,3cm *(87W200)*		
		RGB *(RGB30)* 30LED/m***		10.8W / 50,3cm *(11W050)* 17.1W / 80,3cm *(17W080)* 21.6W / 100,3cm *(22W100)* 25.8W / 120,3cm *(26W120)* 32.4W / 150,3cm *(32W150)* 43.2W / 200,3cm *(43W200)*		12VDC *(12)*

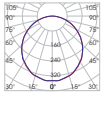
* Available in other colours or/and power upon request.
** Length without end caps for seamless installation (Add 2mm for each end cap)
***The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER50-SS-AN-RGB96-60W088-MS-24*

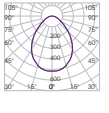
TR LOR 0,67



MS LOR 0,44



MP LOR 0,58



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OUTLINER 40

Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microprismaatic cover.
It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths.
The series offers an excellent uniformity with colour consistency.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:
✓ *Custom dimensions*
✓ *Custom luminaire colours*

Seamless

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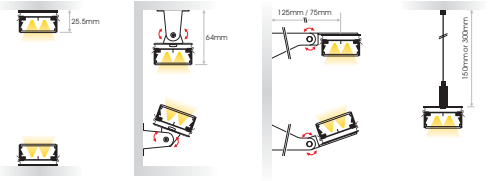
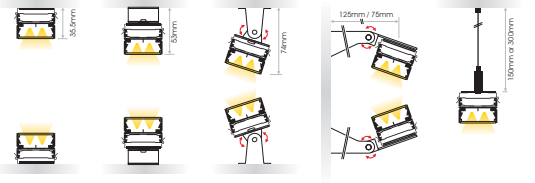
STANDARD



FIXED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.019
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS



FIXED | FIXED ELEVATED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.019
ANTISLIPPER
for vertical installation
(as extra)

PRH.029
COUPLER accessory
(as extra)

Connectors

Input cable with IP connectors
supplied as extra

In-Out cables & waterproof connectors
supplied as extra.

Supply connectors for a luminaire array
(as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

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STANDARD

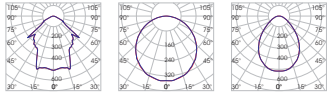
LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
OUTLINER 40 FIXED *(OUTLINER40-F)* **OUTLINER 40 SURFACE** *(OUTLINER40-S)* **OUTLINER 40 SHORT BRACKET 7.5cm** *(OUTLINER40-B1)* **OUTLINER 40 LONG BRACKET 12.5cm** *(OUTLINER40-B2)* **OUTLINER 40 PENDANT** *(OUTLINER40-P1)* ***H:150cm*** *(OUTLINER40-P2)* ***H:300cm***	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)*	21W / 53cm *(21W053)* 35W / 86,3cm *(35W086)* 42W / 103cm *(42W103)* 49W / 119,7cm *(49W120)* 63W / 153cm *(63W153)* 84W / 203cm *(84W203)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		27W / 53cm *(27W053)* 46.2W / 88.7cm *(46W089)* 54W / 103cm *(54W103)* 65.6W / 124.4cm *(66W124)* 81W / 153cm *(81W153)* 108W / 203cm		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**		19.4W / 53cm *(19W053)* 31.2W / 83cm *(31W083)* 39W / 103cm *(39W103)* 46.8W / 123cm *(47W123)* 58.4W / 153cm *(58W153)* 78W / 203cm *(78W203)*		
		RGB *(RGB96)* 96LED/m		23W / 53cm *(23W053)* 40.2W / 90.5cm *(40W091)* 46W / 103cm *(46W103)* 54.6W / 121.7cm *(55W122)* 69W / 153cm *(69W153)* 92W / 203cm *(92W203)*		
		RGB *(RGB60)* 60LED/m**		14.4W / 53cm *(14W053)* 23.2W / 83cm *(23W083)* 29W / 103cm *(29W103)* 34.8W / 123cm *(35W123)* 43.4W / 153cm *(43W153)* 58W / 203cm *(58W203)*		
		RGB *(RGB30)* 30LED/m**		7.2W / 53cm *(07W053)* 11.4W / 83cm *(11W083)* 14.4W / 103cm *(14W103)* 17.2W / 123cm *(17W123)* 21.6W / 153cm *(22W153)* 28.8W / 203cm *(29W203)*		12VDC *(12)*

* Available in other colours or/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER40-F-AN-RGB60-35W123-MP-24*



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ELECTRON

SEAMLESS

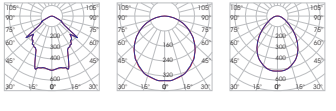
LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
OUTLINER 40 SEAMLESS FIXED *(OUTLINER40-SF)* **OUTLINER 40 SEAMLESS FIXED ELEVATED** *(OUTLINER40-SFE)* **OUTLINER 40 SEAMLESS SURFACE** *(OUTLINER40-SS)* **OUTLINER 40 SEAMLESS SHORT BRACKET 7.5cm** *(OUTLINER40-SB1)* **OUTLINER 40 SEAMLESS LONG BRACKET 12.5cm** *(OUTLINER40-SB2)* **OUTLINER 40 SEAMLESS PENDANT** *(OUTLINER40-SP1)* ***H:150cm*** *(OUTLINER40-SP2)* ***H:300cm***	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)*	21W / 50,3cm *(21W050)* 35W / 83,7cm *(35W084)* 42W / 100,3cm *(42W100)* 49W / 117cm *(49W117)* 63W / 150,3cm *(63W150)* 84W / 200,3cm *(84W200)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt* / Length****		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		27W / 50,3cm *(27W050)* 46.2W / 86cm *(46W086)* 54W / 100,3cm *(54W100)* 65.6W / 121,7cm *(66W122)* 81W / 150,3cm *(81W150)* 108W / 200,3cm *(108W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		19.4W / 50,3cm *(19W050)* 31.2W / 80,3cm *(31W080)* 39W / 100,3cm *(39W100)* 46.8W / 120,3cm *(47W120)* 58.4W / 150,3cm *(58W150)* 78W / 200,3cm *(78W200)*		
		RGB *(RGB96)* 96LED/m		23W / 50,3cm *(23W050)* 40.2W / 87,8cm *(40W088)* 46W / 100,3cm *(46W100)* 54.6W / 119cm *(55W119)* 69W / 150,3cm *(69W150)* 92W / 200,3cm *(92W200)*		
		RGB *(RGB60)* 60LED/m***		14.4W / 50,3cm *(14W050)* 23.2W / 80,3cm *(23W080)* 29W / 100,3cm *(29W100)* 34.8W / 120,3cm *(35W120)* 43.4W / 150,3cm *(43W150)* 58W / 200,3cm *(58W200)*		
		RGB *(RGB30)* 30LED/m***		7.2W / 50,3cm *(07W050)* 11.4W / 80,3cm *(11W080)* 14.4W / 100,3cm *(14W100)* 17.2W / 120,3cm *(17W120)* 21.6W / 150,3cm *(22W150)* 28.8W / 200,3cm *(29W200)*		12VDC *(12)*

* Available in other colours or/and power upon request.
** Length without end caps for seamless installation (Add 2mm for each end cap)
***The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER40-SS-AN-RGB60-58W200-MS-24*



ELECTRON

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OUTLINER 40 RC
(Recessed)

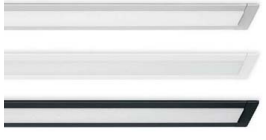
Outliner Recessed series is a custom made linear luminaires series with Transparent, Milky Satin or Microprismatic cover. It is available in 2 different widths of 20 and 40mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

- L90/B10 >50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

L90/B10 50.000h
for monochromatic models

Available upon request:
✓ *Custom dimensions*
✓ *Custom luminaire colours*

Seamless



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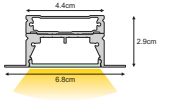
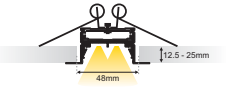
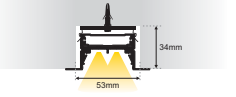
STANDARD

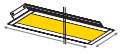




Standard installation



Optional installation upon request



Dimensions:

for Monochromatic, Tunable White:
68 x 55,6/88,9/105,6/122,3/155,6/205,6cm
Cutting hole:
48 x 53,6/86,9/103,6/120,3/153,6/203,6cm

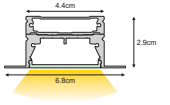
for RGBWW-RGBCW 84LED/m:
68 x 55,6/91,3/105,6/127/155,6/205,6cm
Cutting hole:
48 x 53,6/89,3/103,6/125/153,6/203,6cm

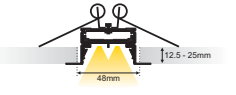
for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
68 x 55,6/85,6/105,6/125,6/155,6/205,6cm
Cutting hole:
48 x 53,6/83,6/103,6/123,6/153,6/203,6cm

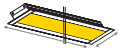
for RGB 96LED/m:
68 x 55,6/93,1/105,6/124,3/155,6/205,6cm
Cutting hole:
48 x 53,6/91,1/103,6/122,3/153,6/203,6cm

Note:
Cutting hole must be 20mm than the luminaire lenght.

SEAMLESS







Dimensions:

for Monochromatic, Tunable White:
68 x 53.3/86.7/103.3/120/153.3/203.3cm
Cutting hole:
48 x 51.3/84.7/101.3/118/151.3/201.3cm

for RGBWW-RGBCW 84LED/m:
68 x 53.3/89/103.3/124.7/153.3/203.3cm
Cutting hole:
48 x 51.3/87/101.3/122.7/151.3/201.3cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
68 x 53.3/83.3/103.3/123.3/153.3/203.3cm
Cutting hole:
48 x 51.3/81.3/101.3/121.3/151.3/201.3cm

for RGB 96LED/m:
68 x 53.3/90.8/103.3/122/153.3/203.3cm
Cutting hole:
48 x 51.3/88.8/101.3/120/151.3/201.3cm

Note:
Cutting hole must be 20mm shorter than the luminaire lenght.

Connectors

Input cable with IP connectors supplied as extra.

In-Out cables & waterproof connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

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STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage
OUTLINER 40 Recessed *(OUTLINER 40 RC)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	21W / 55.6cm *(21W056)* 35W / 88.9cm *(35W089)* 42W / 105.6cm *(42W106)* 49W / 122.3cm *(49W122)* 63W / 155.6cm *(63W156)* 84W / 205.6cm *(84W206)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*

TUNABLE WHITE

Colour Temperature	CRI	Watt / Length***
Tunable White 2700K~5700K *(TW)*	⩾80 *(80)*	20W / 55.6cm *(20W056)* 33.3W / 88.9cm *(33W089)* 40W / 105.6cm *(40W106)* 46.7W / 122.3cm *(47W122)* 60W / 155.6cm *(60W156)* 80W / 205.6cm *(80W206)*

RGBWW / RGBCW / RGB

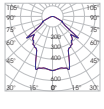
Colour	Watt / Length***
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m	27W / 55.6cm *(27W056)* 46.2W / 91.3cm *(46W091)* 54W / 105.6cm *(54W106)* 65.6W / 127cm *(66W127)* 81W / 155.6cm *(81W156)* 108W / 205.6cm *(108W206)*
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**	19.4W / 55.6cm *(19W056)* 31.2W / 85.6cm *(31W086)* 39W / 105.6cm *(39W106)* 46.8W / 125.6cm *(47W126)* 58.4W / 155.6cm *(58W156)* 78W / 205.6cm *(78W206)*
RGB *(RGB96)* 96LED/m	23W / 55.6cm *(23W056)* 40.2W / 93.1cm *(40W093)* 46W / 105.6cm *(46W106)* 54.6W / 124.3cm *(55W124)* 69W / 155.6cm *(69W156)* 92W / 205.6cm *(92W206)*
RGB *(RGB60)* 60LED/m**	14.4W / 55.6cm *(14W056)* 23.2W / 85.6cm *(23W086)* 29W / 105.6cm *(29W106)* 34.8W / 125.6cm *(35W126)* 43.4W / 155.6cm *(43W156)* 58W / 205.6cm *(58W206)*
RGB *(RGB30)* 30LED/m**	7.2W / 55.6cm *(07W056)* 11.4W / 85.6cm *(11W086)* 14.4W / 105.6cm *(14W106)* 17.2W / 125.6cm *(17W126)* 21.6W / 155.6cm *(22W156)* 28.8W / 205.6cm *(29W206)*

Voltage: 12VDC *(12)*

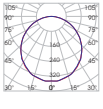
* Available in other colours upon request

** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

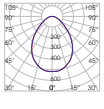
TR LOR 0,65



MS LOR 0,42



MP LOR 0,58



Ordering Code Example: *OUTLINER 40RC-AN-RGB60-35W126-MS-24*

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SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage
OUTLINER 40 Recessed SEAMLESS *(OUTLINER 40 RCS)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	21W / 50.3cm *(21W050)* 35W / 83.7cm *(35W084)* 42W / 100.3cm *(42W100)* 49W / 117cm *(49W117)* 63W / 150.3cm *(63W150)* 84W / 200.3cm *(84W200)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*

TUNABLE WHITE

Colour Temperature	CRI	Watt / Length***
Tunable White 2700K~5700K *(TW)*	⩾80 *(80)*	20W / 50.3cm *(20W050)* 33.3W / 83.7cm *(33W084)* 40W / 100.3cm *(40W100)* 46.7W / 117cm *(47W117)* 60W / 150.3cm *(60W150)* 80W / 200.3cm *(80W200)*

RGBWW / RGBCW / RGB

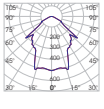
Colour	Watt / Length***
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m	27W / 50.3cm *(27W050)* 46.2W / 86cm *(46W086)* 54W / 100.3cm *(54W100)* 65.6W / 121.7cm *(66W122)* 81W / 150.3cm *(81W150)* 108W / 200.3cm *(108W200)*
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**	19.4W / 50.3cm *(19W050)* 31.2W / 80.3cm *(31W080)* 39W / 100.3cm *(39W100)* 46.8W / 120.3cm *(47W120)* 58.4W / 150.3cm *(58W150)* 78W / 200.3cm *(78W200)*
RGB *(RGB96)* 96LED/m	23W / 50.3cm *(23W050)* 40.2W / 87.8cm *(40W088)* 46W / 100.3cm *(46W100)* 54.6W / 119cm *(55W119)* 69W / 150.3cm *(69W150)* 92W / 200.3cm *(92W200)*
RGB *(RGB60)* 60LED/m**	14.4W / 50.3cm *(14W050)* 23.2W / 80.3cm *(23W080)* 29W / 100.3cm *(29W100)* 34.8W / 120.3cm *(35W120)* 43.4W / 150.3cm *(43W150)* 58W / 200.3cm *(58W200)*
RGB *(RGB30)* 30LED/m**	7.2W / 50.3cm *(07W050)* 11.4W / 80.3cm *(11W080)* 14.4W / 100.3cm *(14W100)* 17.2W / 120.3cm *(17W120)* 21.6W / 150.3cm *(22W150)* 28.8W / 200.3cm *(29W200)*

Voltage: 12VDC *(12)*

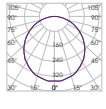
* Available in other colours upon request

** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

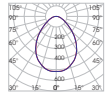
TR LOR 0,65



MS LOR 0,42



MP LOR 0,58



Ordering Code Example: *OUTLINER 40RCS-AN-RGB60-35W120-MP-24*

ELECTRON

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OUTLINER 30

Interior Linear

Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microprismaatic cover.
It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths.
The series offers an excellent uniformity with colour consistency.

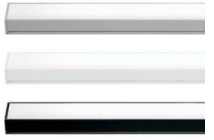
- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

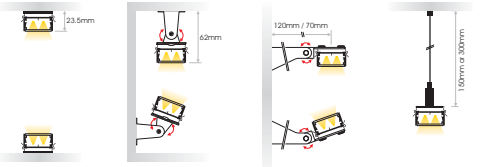
✓ *Custom dimensions*
✓ *Custom luminaire colours*



Seamless

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

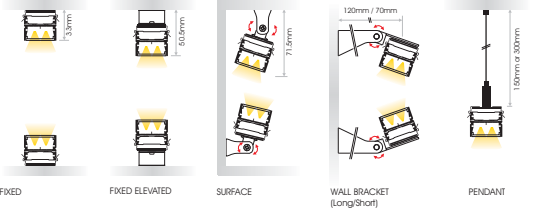
STANDARD



FIXED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.018
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS



FIXED | FIXED ELEVATED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.018
ANTISLIPPER
for vertical installation
(as extra)

PRH.028
COUPLER accessory
(as extra)

Connectors

Input cable with IP connectors supplied as extra

In-Out cables & waterproof connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

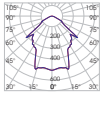
IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
OUTLINER 30 FIXED *(OUTLINER30-F)* **OUTLINER 30 SURFACE** *(OUTLINER30-S)* **OUTLINER 30 SHORT BRACKET 7cm** *(OUTLINER30-B1)* **OUTLINER 30 LONG BRACKET 12cm** *(OUTLINER30-B2)* **OUTLINER 30 PENDANT** *(OUTLINER30 P1)* ***H:150cm*** *(OUTLINER30 P2)* ***H:300cm***	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	21W / 53cm *(21W053)* 35W / 86,3cm *(35W086)* 42W / 103cm *(42W103)* 49W / 119,7cm *(49W120)* 63W / 153cm *(63W153)* 84W / 203cm *(84W203)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		27W / 53cm *(27W053)* 46.2W / 88.7cm *(46W089)* 54W / 103cm *(54W103)* 65.6W / 124.4cm *(66W124)* 81W / 153cm *(81W153)* 108W / 203cm		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**		19.4W / 53cm *(19W053)* 31.2W / 83cm *(31W083)* 39W / 103cm *(39W103)* 46.8W / 123cm *(47W123)* 58.4W / 153cm *(58W153)* 78W / 203cm *(78W203)*		
		RGB *(RGB96)* 96LED/m		23W / 53cm *(23W053)* 40.2W / 90.5cm *(40W091)* 46W / 103cm *(46W103)* 54.6W / 121.7cm *(55W122)* 69W / 153cm *(69W153)* 92W / 203cm *(92W203)*		
		RGB *(RGB60)* 60LED/m**		14.4W / 53cm *(14W053)* 23.2W / 83cm *(23W083)* 29W / 103cm *(29W103)* 34.8W / 123cm *(35W123)* 43.4W / 153cm *(43W153)* 58W / 203cm *(58W203)*		
		RGB *(RGB30)* 30LED/m**		7.2W / 53cm *(07W053)* 11.4W / 83cm *(11W083)* 14.4W / 103cm *(14W103)* 17.2W / 123cm *(17W123)* 21.6W / 153cm *(22W153)* 28.8W / 203cm *(29W203)*		12VDC *(12)*

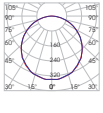
* Available in other colours or/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER30-F-AN-RGB60-35W123-MP-24*

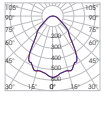
TR LOR 0,62



MS LOR 0,43



MP LOR 0,52



SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

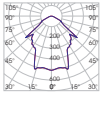
IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
OUTLINER 30 SEAMLESS FIXED *(OUTLINER30-SF)* **OUTLINER 30 SEAMLESS FIXED ELEVATED** *(OUTLINER30-SFE)* **OUTLINER 30 SEAMLESS SURFACE** *(OUTLINER30-SS)* **OUTLINER 30 SEAMLESS SHORT BRACKET 7.5cm** *(OUTLINER30-SB1)* **OUTLINER 30 SEAMLESS LONG BRACKET 12.5cm** *(OUTLINER30-SB2)* **OUTLINER 30 SEAMLESS PENDANT** *(OUTLINER30-SP1)* ***H:150cm*** *(OUTLINER30-SP2)* ***H:300cm***	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	21W / 50,3cm *(21W050)* 35W / 83,7cm *(35W084)* 42W / 100,3cm *(42W100)* 49W / 117cm *(49W117)* 63W / 150,3cm *(63W150)* 84W / 200,3cm *(84W200)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt* / Length****		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		27W / 50,3cm *(27W050)* 46.2W / 86cm *(46W086)* 54W / 100,3cm *(54W100)* 65.6W / 121,7cm *(66W122)* 81W / 150,3cm *(81W150)* 108W / 200,3cm *(108W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		19.4W / 50,3cm *(19W050)* 31.2W / 80,3cm *(31W080)* 39W / 100,3cm *(39W100)* 46.8W / 120,3cm *(47W120)* 58.4W / 150,3cm *(58W150)* 78W / 200,3cm *(78W200)*		
		RGB *(RGB96)* 96LED/m		23W / 50,3cm *(23W050)* 40.2W / 87,8cm *(40W088)* 46W / 100,3cm *(46W100)* 54.6W / 119cm *(55W119)* 69W / 150,3cm *(69W150)* 92W / 200,3cm *(92W200)*		
		RGB *(RGB60)* 60LED/m***		14.4W / 50,3cm *(14W050)* 23.2W / 80,3cm *(23W080)* 29W / 100,3cm *(29W100)* 34.8W / 120,3cm *(35W120)* 43.4W / 150,3cm *(43W150)* 58W / 200,3cm *(58W200)*		
		RGB *(RGB30)* 30LED/m***		7.2W / 50,3cm *(07W050)* 11.4W / 80,3cm *(11W080)* 14.4W / 100,3cm *(14W100)* 17.2W / 120,3cm *(17W120)* 21.6W / 150,3cm *(22W150)* 28.8W / 200,3cm *(29W200)*		12VDC *(12)*

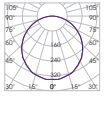
* Available in other colours or/and power upon request.
** Length without end caps for seamless installation (Add 2mm for each end cap)
***The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER30-40SS-AN-RGB60-35W120-MS-24*

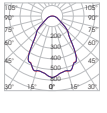
TR LOR 0,62



MS LOR 0,43



MP LOR 0,52



OUTLINER 20

Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microprismaatic cover.
It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths.
The series offers an excellent uniformity with colour consistency.

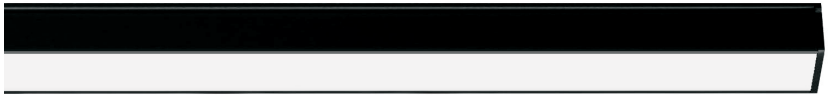
- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*



Seamless

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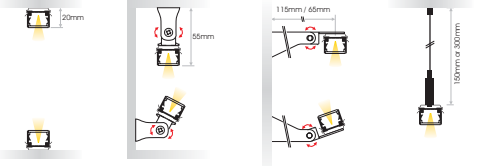
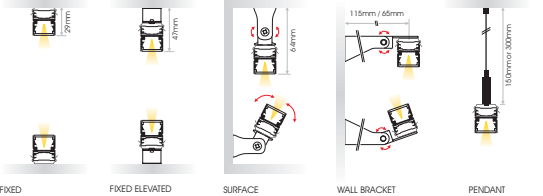
STANDARD



FIXED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

ELA.008
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS



FIXED | FIXED ELEVATED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

ELA.008
ANTISLIPPER
for vertical installation
(as extra)

PRH.027
COUPLER accessory
(as extra)

Connectors

Input cable with IP connectors
supplied as extra

In-Out cables & waterproof connectors
supplied as extra.

Supply connectors for a luminaire array
(as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

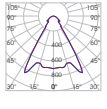
IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
OUTLINER 20 FIXED *(OUTLINER20-F)*	Anodized *(AN)*	2000K *(20)*	>80 *(80)*	10.5W / 53cm *(11W053)*	Transparent *(TR)*	24VDC *(24)*
OUTLINER 20 SURFACE *(OUTLINER20-S)*	White *(WH)*	2500K *(25)*		17.5W / 86.3cm *(18W086)*	Milky Satin *(MS)*	
OUTLINER 20 SHORT BRACKET 6.5cm *(OUTLINER20-B1)*	Black *(BL)*	2700K *(27)*		21W / 103cm *(21W103)*	Microprismatic *(MP)*	
OUTLINER 20 LONG BRACKET 11.5cm *(OUTLINER20-B2)*		3000K *(30)*		24.5W / 119.7cm *(25W120)*		
OUTLINER 20 PENDANT *(OUTLINER20 P1)* ***H:150cm*** *(OUTLINER20 P2)* ***H:300cm***		4000K *(40)*		31.5W / 153cm *(32W153)*		
		5700K *(57)*		42W / 203cm *(42W203)*		
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 53cm *(14W053)*		
				23.1W / 88.7cm *(23W089)*		
				27W / 103cm *(27W103)*		
				32.8W / 124.4cm *(33W124)*		
				40.5W / 153cm *(41W153)*		
				54W / 203cm *(54W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**		9.7W / 53cm *(10W053)*		
				15.6W / 83cm *(16W083)*		
				19.5W / 103cm *(20W103)*		
				23.4W / 123cm *(23W123)*		
				29.2W / 153cm *(29W153)*		
				39W / 203cm *(39W203)*		
		RGB *(RGB96)* 96LED/m		11.5W / 53cm *(12W053)*		
				20.1W / 90.5cm *(20W091)*		
				23W / 103cm *(23W103)*		
				27.3W / 121.7cm *(27W122)*		
				34.5W / 153cm *(35W153)*		
				46W / 203cm *(46W203)*		
		RGB *(RGB60)* 60LED/m**		7.2W / 53cm *(07W053)*		
				11.6W / 83cm *(12W083)*		
				14.5W / 103cm *(15W103)*		
				17.4W / 123cm *(17W123)*		
				21.7W / 153cm *(22W153)*		
				29W / 203cm *(29W203)*		
		RGB *(RGB30)* 30LED/m**		3.6W / 53cm *(04W053)*		12VDC *(12)*
				5.7W / 83cm *(06W083)*		
				7.2W / 103cm *(07W103)*		
				8.6W / 123cm *(09W123)*		
				10.8W / 153cm *(11W153)*		
				14.4W / 203cm *(14W203)*		

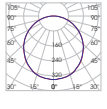
* Available in other colours or/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER20 B2-AN-RGB60-17W123-MP-24*

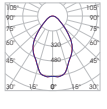
TR LOR 0,60



MS LOR 0,43



MP LOR 0,49



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SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

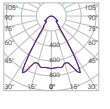
IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
OUTLINER 20 SEAMLESS FIXED *(OUTLINER20-SF)*	Anodized *(AN)*	2000K *(20)*	>80 *(80)*	10.5W / 50,3cm *(11W050)*	Transparent *(TR)*	24VDC *(24)*
OUTLINER 20 SEAMLESS FIXED ELEVATED *(OUTLINER20-SFE)*	White *(WH)*	2500K *(25)*		17.5W / 83,7cm *(18W084)*	Milky Satin *(MS)*	
OUTLINER 20 SEAMLESS SURFACE *(OUTLINER20-SS)*	Black *(BL)*	2700K *(27)*		21W / 100,3cm *(21W100)*	Microprismatic *(MP)*	
OUTLINER 20 SEAMLESS SHORT BRACKET 6.5cm *(OUTLINER20-SB1)*		3000K *(30)*		24.5W / 117cm *(25W117)*		
OUTLINER 20 SEAMLESS LONG BRACKET 11.5cm *(OUTLINER20-SB2)*		4000K *(40)*		31.5W / 150,3cm *(32W150)*		
OUTLINER 20 SEAMLESS PENDANT *(OUTLINER20-SP1)* ***H:150cm*** *(OUTLINER20-SP2)* ***H:300cm***		5700K *(57)*		42W / 200,3cm *(42W200)*		
		RGBWW / RGBCW / RGB				
		Colour		**Watt* / Length****		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 50,3cm *(14W050)*		
				23.1W / 86cm *(23W086)*		
				27W / 100,3cm *(27W100)*		
				32.8W / 121,7cm *(33W122)*		
				40.5W / 150,3cm *(41W150)*		
				54W / 200,3cm *(54W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		9.7W / 50,3cm *(10W050)*		
				15.6W / 80,3cm *(16W080)*		
				19.5W / 100,3cm *(20W100)*		
				23.4W / 120,3cm *(23W120)*		
				29.2W / 150,3cm *(29W150)*		
				39W / 200,3cm *(39W200)*		
		RGB *(RGB96)* 96LED/m		11.5W / 50,3cm *(12W050)*		
				20.1W / 87,8cm *(20W088)*		
				23W / 100,3cm *(23W100)*		
				27.3W / 119cm *(27W119)*		
				34.5W / 150,3cm *(35W150)*		
				46W / 200,3cm *(46W200)*		
		RGB *(RGB60)* 60LED/m***		7.2W / 50,3cm *(07W050)*		
				11.6W / 80,3cm *(12W080)*		
				14.5W / 100,3cm *(15W100)*		
				17.4W / 120,3cm *(17W120)*		
				21.7W / 150,3cm *(22W150)*		
				29W / 200,3cm *(29W200)*		
		RGB *(RGB30)* 30LED/m***		3.6W / 50,3cm *(04W050)*		12VDC *(12)*
				5.7W / 80,3cm *(06W080)*		
				7.2W / 100,3cm *(07W100)*		
				8.6W / 120,3cm *(09W120)*		
				10.8W / 150,3cm *(11W150)*		
				14.4W / 200,3cm *(14W200)*		

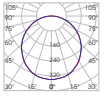
* Available in other colours or/and power upon request.
** Length without end caps for seamless installation (Add 2mm for each end cap)
***The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Examples: *OUTLINER20-SS-AN-RGB60-17W120-MP-24*

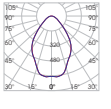
TR LOR 0,60



MS LOR 0,43



MP LOR 0,49



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OUTLINER 20 RC
(Recessed)

Interior Linear

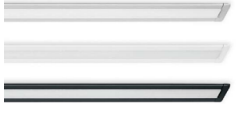
Outliner Recessed series is a custom made linear luminaires series with Transparent, Milky Satin or Microprismatic cover. It is available in 2 different widths of 20 and 40mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

- L90/B10 >50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

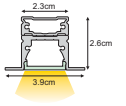
L90/B10 50.000h
for monochromatic models

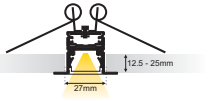
Available upon request:
✓ *Custom dimensions*
✓ *Custom luminaire colours*

Seamless

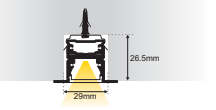


STANDARD

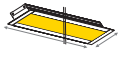




Standard installation



Optional installation upon request



Dimensions:

for Monochromatic, Tunable White:
39 x 54,6/87,9/104,6/121,3/154,6/204,6cm
Cutting hole:
27x 52,6/85,9/102,6/119,3/152,6/202,6cm

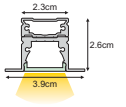
for RGBWW-RGBCW 84LED/m:
39 x 54,6/90,3/104,6/126/154,6/204,6cm
Cutting hole:
27 x 52,6/88,3/102,6/124/153,6/202,6cm

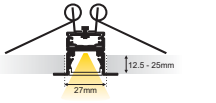
for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
39 x 54,6/84,6/104,6/124,6/154,6/204,6cm
Cutting hole:
27 x 52,6/82,6/102,6/122,6/152,6/202,6cm

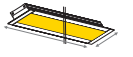
for RGB 96LED/m:
39 x 54,6/92,1/104,6/123,3/154,6/204,6cm
Cutting hole:
27 x 52,6/90,1/102,6/121,3/152,6/202,6cm

Note:
Cutting hole must be 10mm shorter than the luminaire lenght.

SEAMLESS







Dimensions:

for Monochromatic, Tunable White:
39 x 52.3/85.7/102.3/119/152.3/202.3cm
Cutting hole:
27 x 50.3/83.7/100.3/117/150.3/200.3cm

for RGBWW-RGBCW 84LED/m:
39 x 52.3/88/102.3/123.7/152.3/202.3cm
Cutting hole:
27 x 50.3/86/100.3/121.7/150.3/200.3cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
39 x 52.3/82.3/102.3/122.3/152.3/202.3cm
Cutting hole:
27 x 50.3/80.3/100.3/120.3/150.3/200.3cm

for RGB 96LED/m:
39 x 52.3/89.8/102.3/121/152.3/202.3cm
Cutting hole:
27 x 50.3/87.8/100.3/119/150.3/200.3cm

Note:
Cutting hole must be 10mm shorter than the luminaire lenght.

Connectors

Input cable with IP connectors supplied as extra.

In-Out cables & waterproof connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage
OUTLINER 20 Recessed *(OUTLINER 20 RC)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	10.5W / 54.6cm *(11W055)* 17.5W / 87.9cm *(18W088)* 21W /104.6cm *(21W105)* 24.5W /121.3cm *(25W121)* 31.5W /154.6cm *(32W155)* 42W /204.6cm *(42W205)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*

TUNABLE WHITE

Colour Temperature	CRI	Watt / Length***
Tunable White 2700K~5700K *(TW)*	⩾80 *(80)*	10W / 54.6cm *(10W055)* 16.7W / 87.9cm *(17W088)* 20W /104.6cm *(20W105)* 23.4W /121.3cm *(23W121)* 30W /154.6cm *(30W155)* 40W /204.6cm *(40W205)*

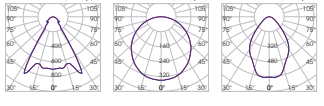
RGBWW / RGBCW / RGB

Colour		Watt / Length***
RGBWW RGBCW 84LED/m	*(RGBWW)* *(RGBCW)*	13.5W / 54.6cm *(14W055)* 23.1W / 90.3cm *(23W090)* 27W /104.6cm *(27W105)* 32.8W / 126cm *(33W126)* 40.5W /154.6cm *(41W155)* 54W /204.6cm *(54W205)*
RGBWW RGBCW 60LED/m**	*(RGBWW)* *(RGBCW)*	9.7W / 54.6cm *(10W055)* 15.6W / 84.6cm *(16W085)* 19.5W /104.6cm *(20W105)* 23.4W /124.6cm *(23W125)* 29.2W /154.6cm *(29W155)* 39W /204.6cm *(39W205)*
RGB 96LED/m	*(RGB96)*	11.5W / 54.6cm *(12W055)* 20.1W / 92.1cm *(20W092)* 23W /104.6cm *(23W105)* 27.3W /123.3cm *(27W123)* 34.5W /154.6cm *(35W155)* 46W /204.6cm *(46W205)*
RGB 60LED/m**	*(RGB60)*	7.2W / 54.6cm *(07W055)* 11.6W / 84.6cm *(12W085)* 14.5W /104.6cm *(15W105)* 17.4W /124.6cm *(17W125)* 21.7W /154.6cm *(22W155)* 29W /204.6cm *(29W205)*
RGB 30LED/m**	*(RGB30)*	3.6W / 54.6cm *(04W055)* 5.7W / 84.6cm *(06W085)* 7.2W /104.6cm *(07W105)* 8.6W /124.6cm *(09W125)* 10.8W /154.6cm *(11W155)* 14.4W /204.6cm *(14W205)*

12VDC *(12)*

* Available in other colours upon request
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

TR LOR 0,60 MS LOR 0,43 MP LOR 0,49



Ordering Code Example: *OUTLINER 20RC-AN-RGB60-17W125-MP-24*

SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage
OUTLINER 20 Recessed SEAMLESS *(OUTLINER 20 RCS)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	10.5W / 50.3cm *(11W050)* 17.5W / 83.7cm *(18W084)* 21W /100.3cm *(21W100)* 24.5W / 117cm *(25W117)* 31.5W /150.3cm *(32W150)* 42W /200.3cm *(42W200)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*

TUNABLE WHITE

Colour Temperature	CRI	Watt / Length***
Tunable White 2700K~5700K *(TW)*	⩾80 *(80)*	10W / 50.3cm *(10W050)* 16.7W / 83.7cm *(17W084)* 20W /100.3cm *(20W100)* 23.4W / 117cm *(23W117)* 30W /150.3cm *(30W150)* 40W /200.3cm *(40W200)*

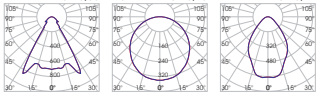
RGBWW / RGBCW / RGB

Colour		Watt / Length***
RGBWW RGBCW 84LED/m	*(RGBWW)* *(RGBCW)*	13.5W / 50.3cm *(14W050)* 23.1W / 86cm *(23W086)* 27W /100.3cm *(27W100)* 32.8W /121.7cm *(33W122)* 40.5W /150.3cm *(41W150)* 54W /200.3cm *(54W200)*
RGBWW RGBCW 60LED/m**	*(RGBWW)* *(RGBCW)*	9.7W / 50.3cm *(10W050)* 15.6W / 80.3cm *(16W080)* 19.5W /100.3cm *(20W100)* 23.4W /120.3cm *(23W120)* 29.2W /150.3cm *(29W150)* 39W /200.3cm *(39W200)*
RGB 96LED/m	*(RGB96)*	11.5W / 50.3cm *(12W050)* 20.1W / 87.8cm *(20W088)* 23W /100.3cm *(23W100)* 27.3W / 119cm *(27W119)* 34.5W /150.3cm *(35W150)* 46W /200.3cm *(46W200)*
RGB 60LED/m**	*(RGB60)*	7.2W / 50.3cm *(07W050)* 11.6W / 80.3cm *(12W080)* 14.5W /100.3cm *(15W100)* 17.4W /120.3cm *(17W120)* 21.7W /150.3cm *(22W150)* 29W /200.3cm *(29W200)*
RGB 30LED/m**	*(RGB30)*	3.6W / 50.3cm *(04W050)* 5.7W / 80.3cm *(06W080)* 7.2W /100.3cm *(07W100)* 8.6W /120.3cm *(09W120)* 10.8W /150.3cm *(11W150)* 14.4W /200.3cm *(14W200)*

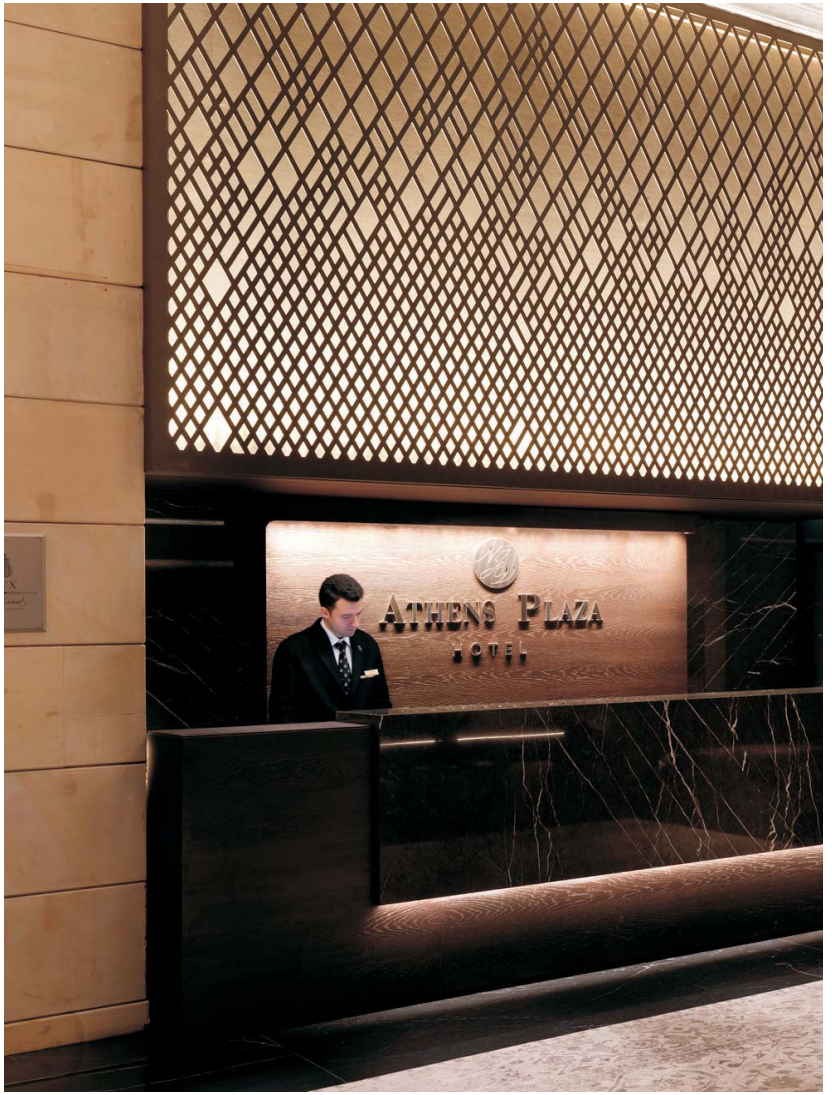
12VDC *(12)*

* Available in other colours upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.
*** Length without end caps for seamless installation (Add 10mm for each end cap).

TR LOR 0,60 MS LOR 0,43 MP LOR 0,49



Ordering Code Example: *OUTLINER 20RCS-AN-RGB60-17W120-MP-24*



Athens Plaza, Greece
Lighting Design: CPLD

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

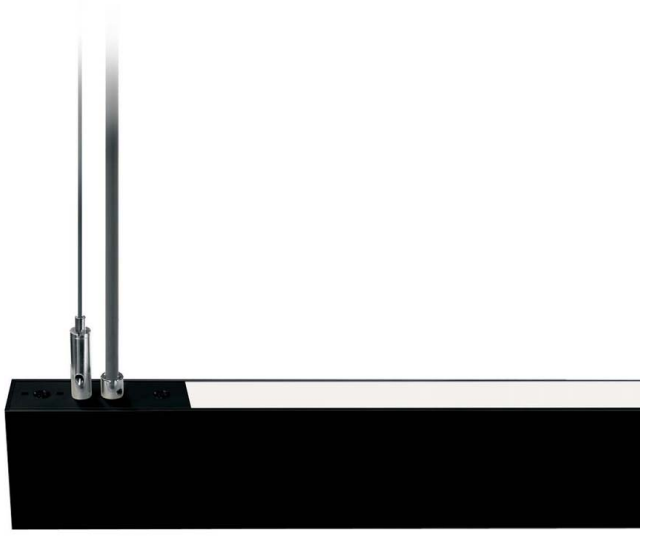
TETRA HV Series

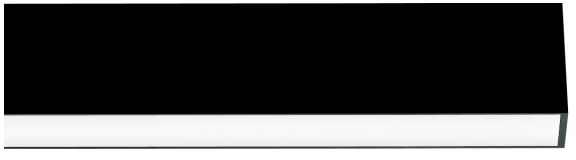
- TETRA HV linear interior luminaires are available either for surface or pendant installation.
- Selection of dimming options available: Non dimmable/ Analogue 1-10V/ DALI/ Wireless.
- It is offered with Transparent, Milky Satin, or Microprismatic cover.
- Pendant option is available either with direct only lighting or with direct and indirect lighting.
- Emergency Function capability available on request (3 hours, with build-in rechargeable battery).
- L80/B10 50.000h
- 3 SDCM
- Ingress Protection: IP40

Available upon request:

√ *Custom luminaire colours*

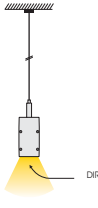
√ *Emergency version*



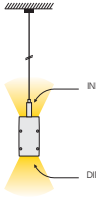


TETRA HV **SF**
(Surface)

TETRA HV **PD**
(Pendant)



TETRA HV **PDDI**
(Pendant Direct/Indirect)



TRIDONIC

IP40

Model	Luminaire Colour	CCT	Watt / Length	2700K	3000K	4000K	Type	Voltage	Dimming Option	Extras
				LED Source	LED Source	LED Source				
TETRA HV Surface *(TETRA HV SF)*	Anodized *(AN)*	2700K *(27)*	15.8W / 57cm *(16W057)*	2465lm	2575lm	2710lm	Transparent *(TR)*	230VAC *(230)*	Non Dimmable *(ND)*	Standard *(0)*
			23.8W / 85cm *(24W085)*	3700lm	3865lm	4070lm			Analogue (1-10V) *(A1)*	
	White *(WH)*	3000K *(30)*	31.7W / 113cm *(32W113)*	4935lm	5155lm	5425lm	Milky Satin *(MS)*		DALI *(DL)*	Emergency function* *(1)*
			39.6W / 141cm *(40W141)*	6170lm	6445lm	6780lm			Wireless *(WL)*	
TETRA HV Pendant *(TETRA HV PD)*	Black *(BL)*	4000K *(40)*	47.5W / 169cm *(48W169)*	7400lm	7730lm	8135lm	Microprismatic *(MP)*			
			55.4W / 197cm *(55W197)*	8635lm	9020lm	9495lm				
			63.4W / 225cm *(63W225)*	9870lm	10310lm	10850lm				
			71.3W / 253cm *(71W253)*	11100lm	11600lm	12205lm				
			79.2W / 281cm *(79W281)*	12340lm	12890lm	13560lm				
				LED Source DIRECT INDIRECT	LED Source DIRECT INDIRECT	LED Source DIRECT INDIRECT				
TETRA HV PENDANT DIRECT/ INDIRECT *(TETRA HV PDDI)*			24.4W / 57cm *(24W057)*	2465lm 695lm	2575lm 730lm	2710lm 765lm	***DIRECT LIGHTING*** ↓ *(XXX/XXX)* ↑ ***INDIRECT LIGHTING***			***EMERGENCY FUNCTION*** ↓ *(CC)* ↑ ***CONTROLS***
			36.4W / 85cm *(37W085)*	3700lm 1390lm	3865lm 1455lm	4070lm 1530lm				
			48.8W / 113cm *(49W113)*	4935lm 2085lm	5155lm 2185lm	5425lm 2295lm	***DIRECT LIGHTING*** Transparent *(TR)*			***EMERGENCY FUNCTION:*** Standard *(0)* Emergency function** *(1)*
			61W / 141cm *(61W141)*	6170lm 2780lm	6445lm 2910lm	6780lm 3060lm				
			73.1W / 169cm *(73W169)*	7400lm 3475m	7730lm 3640lm	8135lm 3825lm	Milky Satin *(MS)*			
			85.3W / 197cm *(85W197)*	8635lm 4170lm	9020lm 4365lm	9495lm 4590lm	Microprismatic *(MP)*			
			92.6W / 225cm *(93W225)*	9870lm 4865lm	10310lm 5095lm	10850lm 5355lm	***INDIRECT LIGHTING*** Transparent *(TR)*			***CONTROLS:**** Standard *(0)* Separated *(1)*
			104.7W / 253cm *(105W253)*	11100lm 5560lm	11600lm 5820lm	12205lm 6120lm	Milky Satin *(MS)*			
			116.8W / 281cm *(117W281)*	12340lm 6255lm	12890lm 6550lm	13560lm 6885lm	Microprismatic *(MP)*			

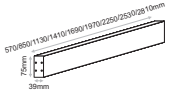
* Note for SF & PD:
All 57cm and 85cm DALI, Analog (1-10), Wireless models are not available with emergency function.

** Note for standard control:
All 57cm and 85cm models are not available with emergency function.

** Note for separated controls:
All 57cm, 85cm and 113cm models, are not available with emergency function.

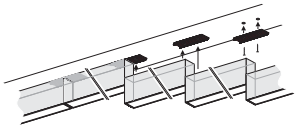
*** Note: With control option you can choose one control (standard) for Direct & Indirect lighting or two controls (Separated) for independent control of Direct and Indirect lightings.

Ordering Code Example:
TETRA HV PDDI-AN-30-61W141-MSTR-230-ND-01



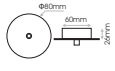
Accessories for Surface (SF)

PRH.103 Line alignment



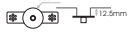
Accessories for Pendant (PD) & Pendant Direct/Indirect (PDDI)

Canopy Surface
PRH.039 White
PRH.082 Black
PRH.085 Light Grey

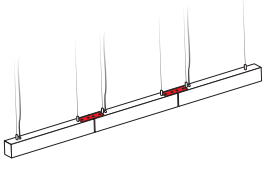


Canopy Recessed
PRH.040 White
PRH.083 Black
PRH.086 Light Grey

Canopy Trimless
PRH.041 White
PRH.084 Black
PRH.087 Light Grey

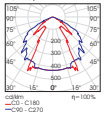


PRH.104 Line alignment

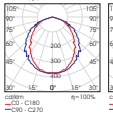


DIRECT LIGHTING

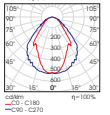
Transparent cover
LOR 0,79



Milky Satin cover
LOR 0,57

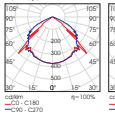


Microprismatic cover
LOR 0,60

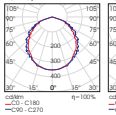


INDIRECT LIGHTING

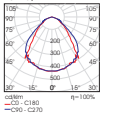
Transparent cover
LOR 0,89



Milky Satin cover
LOR 0,71



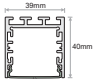
Microprismatic cover
LOR 0,71



TETRA SLICK

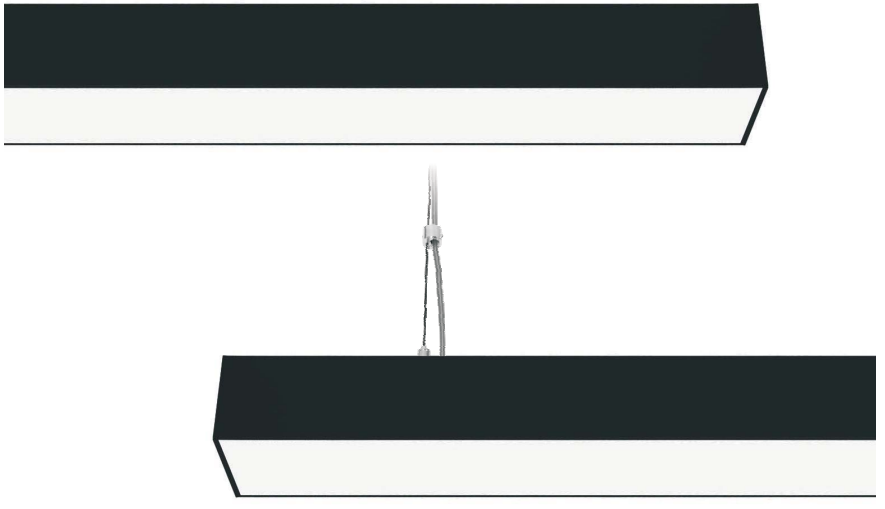
- TETRA SLICK linear interior luminaire is available either for surface or pendant installation.
- It is offered with transparent or milky satin cover.
- 3 SDCM
- L90/B10 50.000h
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*



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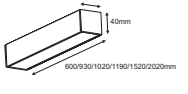
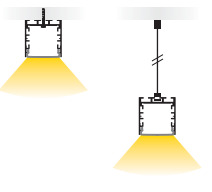
LIGHTSOURCE BY NICHIA

IP40

Model	Luminaire Colour	CCT	Watt / Length	CRI	Type	Voltage
TETRA SLICK Surface *(TETRA SLS)* **TETRA SLICK Pendant** *(TETRA SLP)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	12.2W / 60cm *(12W060)* 24.5W / 60cm *(24W060)* 19.25W / 93cm *(19W093)* 38.5W / 93cm *(38W093)* 21W / 102cm *(21W102)* 42W / 102cm *(42W102)* 24.5W / 119cm *(24W119)* 49W / 119cm *(49W119)* 31.5W / 152cm *(31W152)* 63W / 152cm *(63W152)* 42W / 202cm *(42W202)* 84W / 202cm *(84W202)*	>80 *(80)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*

Ordering Code Example:
TETRA SLS-BL-30N-63W152-80-MS-24

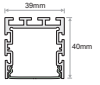




TETRA Series

Interior Linear

- TETRA linear luminaire is available for surface, recessed, trimless or pendant application.
- L90/B10 50000h
- 3 SDCM
- IP40

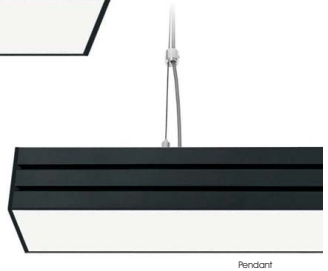


Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

Surface



Pendant

Trimless

Recessed

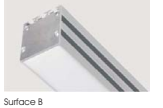
Semi Recessed

Anodized

White

Black

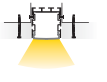
Surface A



Surface B

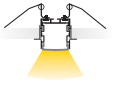
Surface C

Pendant



Trimless

Recessed



Semi Recessed

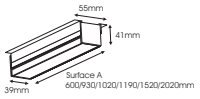
LIGHTSOURCE BY NICHIA

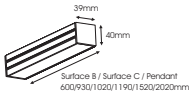
IP40

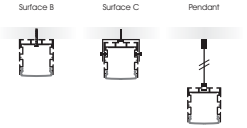
Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
TETRA Surface A *(TETRA SA)* **TETRA Surface B** *(TETRA SB)* **TETRA Surface C** *(TETRA SC)* **TETRA Pendant** *(TETRA PD)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	>80 *(80)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	12.2W / 60cm *(12W060)* 24.5W / 60cm *(24W060)* 19.25W / 93cm *(19W093)* 38.5W / 93cm *(38W093)* 21W / 102cm *(21W102)* 42W / 102cm *(42W102)* 24.5W / 119cm *(24W119)* 49W / 119cm *(49W119)* 31.5W / 152cm *(31W152)* 63W / 152cm *(63W152)* 42W / 202cm *(42W202)* 84W / 202cm *(84W202)*	24VDC *(24)*

Ordering Code Example:

TETRA PD-BL-30N-80-MS-31W152-24







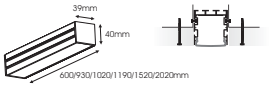
LIGHTSOURCE BY NICHIA

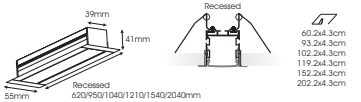
IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
TETRA Trimless *(TETRA TR)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	>80 *(80)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	12.2W / 60cm *(12W060)* 24.5W / 60cm *(24W060)* 19.25W / 93cm *(19W093)* 38.5W / 93cm *(38W093)* 21W / 102cm *(21W102)* 42W / 102cm *(42W102)* 24.5W / 119cm *(24W119)* 49W / 119cm *(49W119)* 31.5W / 152cm *(31W152)* 63W / 152cm *(63W152)* 42W / 202cm *(42W202)* 84W / 202cm *(84W202)*	24VDC *(24)*
TETRA Recessed *(TETRA RC)* **TETRA Semi Recessed** *(TETRA SR)*					12.2W / 62cm *(12W062)* 24.4W / 62cm *(24W062)* 19.2W / 95cm *(19W095)* 38.5W / 95cm *(38W095)* 21W / 104cm *(21W104)* 42W / 104cm *(42W104)* 24.5W / 121cm *(24W121)* 49W / 121cm *(49W121)* 31.5W / 154cm *(31W154)* 63W / 154cm *(63W154)* 42W / 204cm *(42W204)* 84W / 204cm *(84W204)*	

Ordering Code Example:

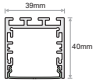
TETRA RC-BL-30N-80-MS-31W154-24





TETRA SLICK WASH

- TETRA SLICK WASH linear luminaire is available for surface or pendant application.
- L90/B10 50000h
- 3 SDCM
- Ingress Protection: IP40



Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

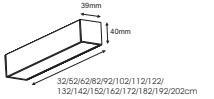
CREE LEDs

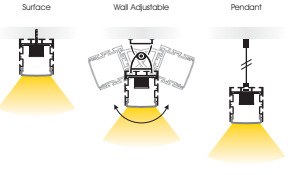
IP40

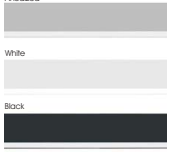
Model	Luminaire Colour	CCT	CRI	Beam Angle	Watt-LED/m	Length	Voltage
TETRA SLICK WASH Surface *(TETRA SLICK WASH SF)* **TETRA SLICK WASH Wall Adjustable** *(TETRA SLICK WASH WA)* **TETRA SLICK WASH Pendant** *(TETRA SLICK WASH PD)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5600K* *(56C)*	⩾70* *(70)* ⩾80** *(80)*	12° *(12)* 25° *(25)* 46° *(46)* 40°x10° *(40)*	10.5W-10LED/m *(1010)* 21W-10LED/m *(2010)* 21W-20LED/m *(2020)*	32cm *(032)* 52cm *(052)* 62cm *(062)* 82cm *(082)* 92cm *(092)* 102cm *(102)* 112cm *(112)* 122cm *(122)* 132cm *(132)* 142cm *(142)* 152cm *(152)* 162cm *(162)* 172cm *(172)* 182cm *(182)* 192cm *(192)* 202cm *(202)*	24VDC *(24)*
					25.2W-24LED/m *(2424)*	52cm *(052)* 102cm *(102)* 152cm *(152)* 202cm *(202)*	

* 5600K only available in CRI 70
** CRI 80 only for 2700K/3000K/4000K

Ordering Code Example: *TETRA SLICK WASH SF-BL-30C-80-46-2424-102-24*



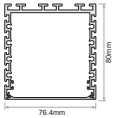




TETRA PLUS Series

Interior Linear

- TETRA PLUS linear luminaire is available for surface, recessed, trimless or pendant application.
- L80/B10 50.000h (for monochromatic models)
- 3 SDCM
- IP40

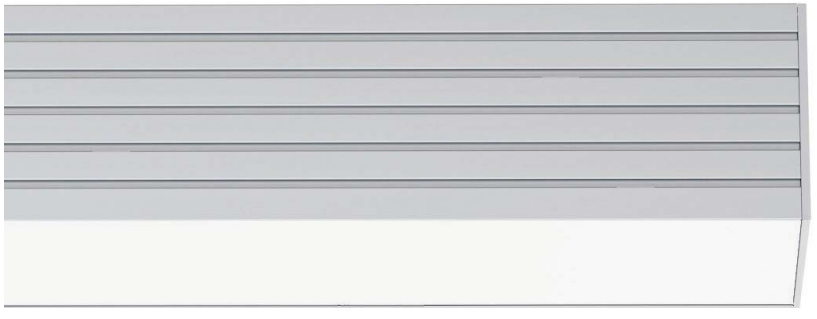


230V EMERGENCY

- 3 hours EMERGENCY operation.
- DALI dimmable upon request for monochromatic models (except 32W113 model).

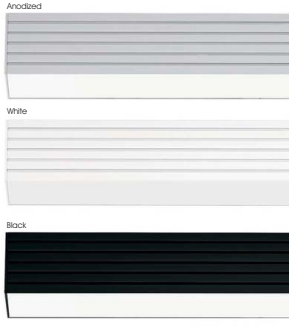
TUNABLE WHITE

- Linear Tunable White system with adjustable colour temperature from 3000K to 6000K at constant luminous flux.



Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*



TRIDONIC IP40

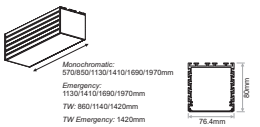
Model	Luminaire Colour	CRI	Type	Voltage*	CCT**	Watt / Length	Initial LED Lumen (no cover) 3000K	4000K
TETRA PLUS SURFACE *(TETRA PLUS SF)* **TETRA PLUS SURFACE with HINGE** *(TETRA PLUS SH)* **TETRA PLUS RECESSED** *(TETRA PLUS RC)* **TETRA PLUS TRIMLESS** *(TETRA PLUS TR)* **TETRA PLUS PENDANT** *(TETRA PLUS PD)*	Anodized *(AN)* White *(WH)* Black *(BL)*	≥ 80 *(80)*	Transparent *(TR)* Milky Satin *(MS)*	230VAC *(230)*	3000K *(30)* 4000K *(40)*	16W / 57cm *(16W057)* 24W / 85cm *(24W085)* 32W / 113cm *(32W113)* 40W / 141cm *(40W141)* 48W / 169cm *(48W169)* 56W / 197cm *(56W197)*	*2060lm* *3090lm* *4120lm* *5150lm* *6180lm* *7210lm*	*2240lm* *3360lm* *4480lm* *5600lm* *6720lm* *7840lm*
					230V EMERGENCY		3000K	4000K
					3000K *(30EM)* Emergency 4000K *(40EM)* Emergency	32W / 113cm *(32W113)* 40W / 141cm *(40W141)* 48W / 169cm *(48W169)* 56W / 197cm *(56W197)*	*4120lm* *5150lm* *6180lm* *7210lm*	*4480lm* *5600lm* *6720lm* *7840lm*

Voltage	CCT	Watt / Length	Initial LED Lumen (no cover)
	TUNABLE WHITE		
230VAC DALI Dimmable *(230DL)*	Tunable White 3000K~6000K *(TW)*	20W / 86cm *(20W086)* 26W / 114cm *(26W114)* 32W / 142cm *(32W142)* 40W / 86cm *(40W086)* 52W / 114cm *(52W114)* 62W / 142cm *(62W142)*	*2100lm* *2650lm* *3350lm* *4300lm* *5700lm* *7150lm*
	TUNABLE WHITE 230V EMERGENCY		
	Tunable White 3000K~6000K *(TWEM)*	32W / 142cm *(32W142)* 62W / 142cm *(62W142)*	*3350lm* *7150lm*

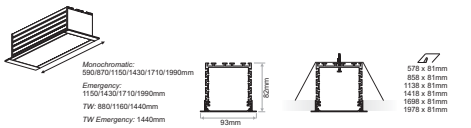
* Available in 230VAC DALI dimmable upon request.
** Available in 2700K, 3500K and 6500K upon request.

Ordering Code Example: *TETRA PLUS SF-BL-80-MS-230-30-56W197*

Surface, Trimless, Pendant



Recessed



PALMA Series

Interior Linear

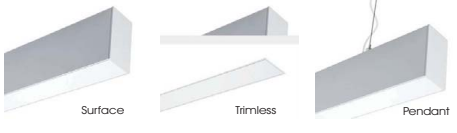
- PALMA linear luminaire is suitable for surface, trimless or pendant installation.
- DALI dimmable upon request.
- L80/B10 50.000h (for monochromatic models)
- 3 SDCM

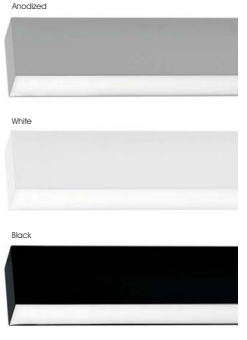
230V EMERGENCY

- 3 hours EMERGENCY operation.
- DALI dimmable upon request (except 32W113 model).

TUNABLE WHITE

- Linear Tunable White system with adjustable colour temperature from 3000K to 6000K at constant luminous flux.





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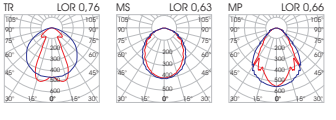
TRIDONIC

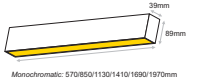
Model	Luminaire Colour	CRI	Type	Voltage*	CCT**	Watt / Length	Initial LED Lumen (no cover) 3000K	4000K
PALMA Surface *(PALMA SF)* **PALMA Trimless** *(PALMA TR)* **PALMA Pendant** *(PALMA PD)*	Anodized *(AN)* White *(WH)* Black *(BL)*	> 80 *(80)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	230VAC *(230)*	3000K *(30)* 4000K *(40)*	16W / 57cm *(16W057)* 24W / 85cm *(24W085)* 32W / 113cm *(32W113)* 40W / 141cm *(40W141)* 48W / 169cm *(48W169)* 56W / 197cm *(56W197)*	2060lm 3090lm 4120lm 5150lm 6180lm 7210lm	2240lm 3360lm 4480lm 5600lm 6720lm 7840lm
					230V EMERGENCY		3000K	4000K
					3000K *(30EM)* Emergency 4000K *(40EM)* Emergency	32W / 113cm *(32W113)* 40W / 141cm *(40W141)* 48W / 169cm *(48W169)* 56W / 197cm *(56W197)*	4120lm 5150lm 6180lm 7210lm	4480lm 5600lm 6720lm 7840lm

Voltage	CCT	Watt / Length	Initial LED Lumen (no cover)
	TUNABLE WHITE		
230VAC DALI Dimmable *(230DL)*	Tunable White 3000K~6000K *(TW)*	20W / 86cm *(20W086)* 26W / 114cm *(26W114)* 32W / 142cm *(32W142)* 40W / 86cm *(40W086)* 52W / 114cm *(52W114)* 62W / 142cm *(62W142)*	2100lm 2650lm 3350lm 4300lm 5700lm 7150lm

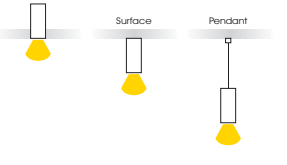
*Available in 230VAC DALI dimmable upon request.
**Available in 2700K, 3500K and 6500K upon request.

Ordering Code Example: *PALMA SF-BL-80-MP-230-40-40W141*





Monochromatic: 570/850/1130/1410/1690/1970mm
Emergency: 1130/1410/1690/1970mm
Tunable White: 860/1140/1420mm



LINILUX Series

Interior Linear

- LINILUX is ideal for corridors in retail lighting due to its asymmetric & double asymmetric lenses.
- It is either for surface or pendant application.
- L80/B10 50.000h
- 3 SDCM
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Ingress Protection: IP40

Available upon request:

✓ *Custom luminaire colours*

✓ *Emergency version*

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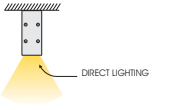
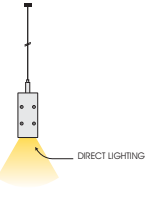
ELECTRON

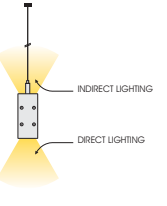
LINILUX **SF**
(Surface)



LINILUX **PD**
(Pendant)



LINILUX **PDDI**
(Pendant Direct/Indirect)



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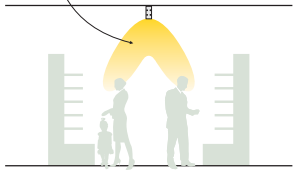
TRIDONIC IP40

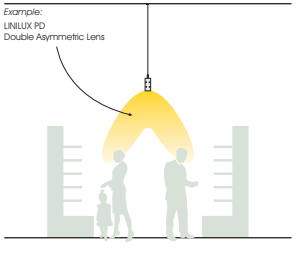
Model	Luminaire Colour	CCT	Watt / Length	CRI >80 LED Source	Beam Angle	Voltage	Dimming Option	Extras
				>80 (80)				
LINILUX Surface (LINILUX SF) **LINILUX Pendant** (LINILUX PD)	Anodized (AN) White (WH) Black (BL)	2700K (27)	17.1W / 57cm (17W057)	2600lm	40° Lens (40) 60° Lens (60) 70° Lens (70) 90° Lens (90) 110° Lens (110) 145° Lens (145) Asymmetric Lens (ASY) Double Asymmetric Lens (DAS)	230VAC (230)	Non Dimmable (ND) Analogue (A1) (1-10V) DALI (DL) Wireless (WL)	Standard (0) Emergency (1) function *Note: All 57cm and 85cm DALI, Analog (1-10), Wireless models are not available with emergency function.*
			25.6W / 85cm (26W085)	3900lm				
			34.2W / 113cm (34W113)	5200lm				
			42.7W / 141cm (43W141)	6500lm				
			51.2W / 169cm (51W169)	7800lm				
			59.8W / 197cm (60W197)	9100lm				
			68.3W / 225cm (68W225)	10400lm				
			76.8W / 253cm (77W253)	11700lm				
			85.4W / 281cm (85W281)	13000lm				
		3000K (30)	17.1W / 57cm (17W057)	2680lm				
			25.6W / 85cm (26W085)	4020lm				
			34.2W / 113cm (34W113)	5360lm				
			42.7W / 141cm (43W141)	6700lm				
			51.2W / 169cm (51W169)	8040lm				
			59.8W / 197cm (60W197)	9380lm				
			68.3W / 225cm (68W225)	10720lm				
			76.8W / 253cm (77W253)	12060lm				
			85.4W / 281cm (85W281)	13400lm				
		4000K (40)	17.1W / 57cm (17W057)	2810lm				
			25.6W / 85cm (26W085)	4215lm				
			34.2W / 113cm (34W113)	5620lm				
			42.7W / 141cm (43W141)	7025lm				
			51.2W / 169cm (51W169)	8430lm				
			59.8W / 197cm (60W197)	9835lm				
			68.3W / 225cm (68W225)	11240lm				
			76.8W / 253cm (77W253)	12645lm				
			85.4W / 281cm (85W281)	14050lm				

Ordering Code Example:
LINILUX SF-AN-30-43W141-80-DAS-230-ND-1

Example:
LINILUX SF
Double Asymmetric Lens



Example:
LINILUX PD
Double Asymmetric Lens

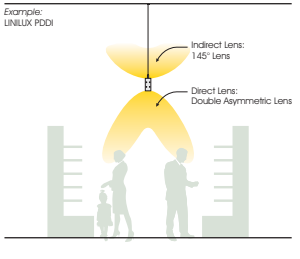


TRIDONIC IP40

Model	Luminaire Colour	CCT	Watt / Length	CRI >80 LED Source DIRECT-INDIRECT	Beam Angle	Voltage	Dimming Option	Extras
				>80 (80)				
LINILUX Pendant Direct/Indirect (LINILUX PDDI)	Anodized (AN) White (WH) Black (BL)	2700K (27)	24.4W / 57cm (24W057)	2600 - 885lm	***DIRECT LIGHTING*** (XXX/XXX) ***INDIRECT LIGHTING*** ***DIRECT LENSES:*** 40° Lens (40) 60° Lens (60) 70° Lens (70) 90° Lens (90) 110° Lens (110) 145° Lens (145) Asymmetric Lens (ASY) Double Asymmetric Lens (DAS) ***INDIRECT LENSES:*** 40° Lens (40) 60° Lens (60) 70° Lens (70) 90° Lens (90) 110° Lens (110) 145° Lens (145)	230VAC (230)	Non Dimmable (ND) Analogue (A1) (1-10V) DALI (DL) Wireless (WL)	***EMERGENCY FUNCTION*** (XX) ***CONTROLS*** ***EMERGENCY FUNCTION:*** Standard (0) Emergency (1) function *Note for standard control: All 57cm and 85cm models are not available with emergency function.* *Note for separated controls: All 57cm, 85cm and 113cm models, are not available with emergency function.* ***CONTROLS:*** Standard (0) Separated (1) *Note: With control option you can choose one control (standard) for Direct & Indirect lighting or two controls (Separated) for independent control of Direct and Indirect lightings.*
			36.6W / 85cm (37W085)	3900-1475lm				
			48.8W / 113cm (49W113)	5200-2065lm				
			61.0W / 141cm (61W141)	6500-2650lm				
			73.2W / 169cm (73W169)	7800-3240lm				
			85.4W / 197cm (85W197)	9100-3830lm				
			93.3W / 225cm (93W225)	10400-4120lm				
			105.4W / 253cm (105W253)	11700-4710lm				
			117.5W / 281cm (118W281)	13000-5300lm				
		3000K (30)	24.4W / 57cm (24W057)	2680 - 910lm				
			36.6W / 85cm (37W085)	4020-1520lm				
			48.8W / 113cm (49W113)	5360-2125lm				
			61.0W / 141cm (61W141)	6700-2735lm				
			73.2W / 169cm (73W169)	8040-3340lm				
			85.4W / 197cm (85W197)	9380-3950lm				
			93.3W / 225cm (93W225)	10720-4255lm				
			105.4W / 253cm (105W253)	12060-4860lm				
			117.5W / 281cm (118W281)	13400-5470lm				
		4000K (40)	24.4W / 57cm (24W057)	2810 - 955lm				
			36.6W / 85cm (37W085)	4215-1595lm				
			48.8W / 113cm (49W113)	5620-2230lm				
			61.0W / 141cm (61W141)	7025-2870lm				
			73.2W / 169cm (73W169)	8430-3505lm				
			85.4W / 197cm (85W197)	9835-4145lm				
			93.3W / 225cm (93W225)	11240-4465lm				
			105.4W / 253cm (105W253)	12645-5100lm				
			117.5W / 281cm (118W281)	14050-5740lm				

Ordering Code Example:
LINILUX PDDI-AN-30-93W225-80-DAS110-230-ND-11

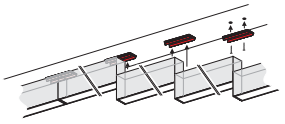
Example:
LINILUX PDDI



LINILUX SF, PD, PDDI

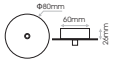
Accessories for Surface (SF)

PRH.102 Line alignment



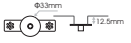
Accessories for Pendant (PD) & Pendant Direct/Indirect (PDDI)

Canopy Surface
PRH.039 White
PRH.082 Black
PRH.085 Light Grey

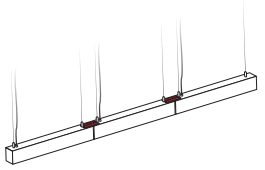


Canopy Recessed
PRH.040 White
PRH.083 Black
PRH.086 Light Grey

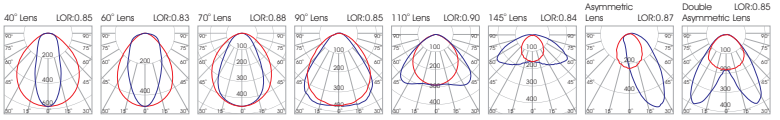
Canopy Trimless
PRH.041 White
PRH.084 Black
PRH.087 Light Grey

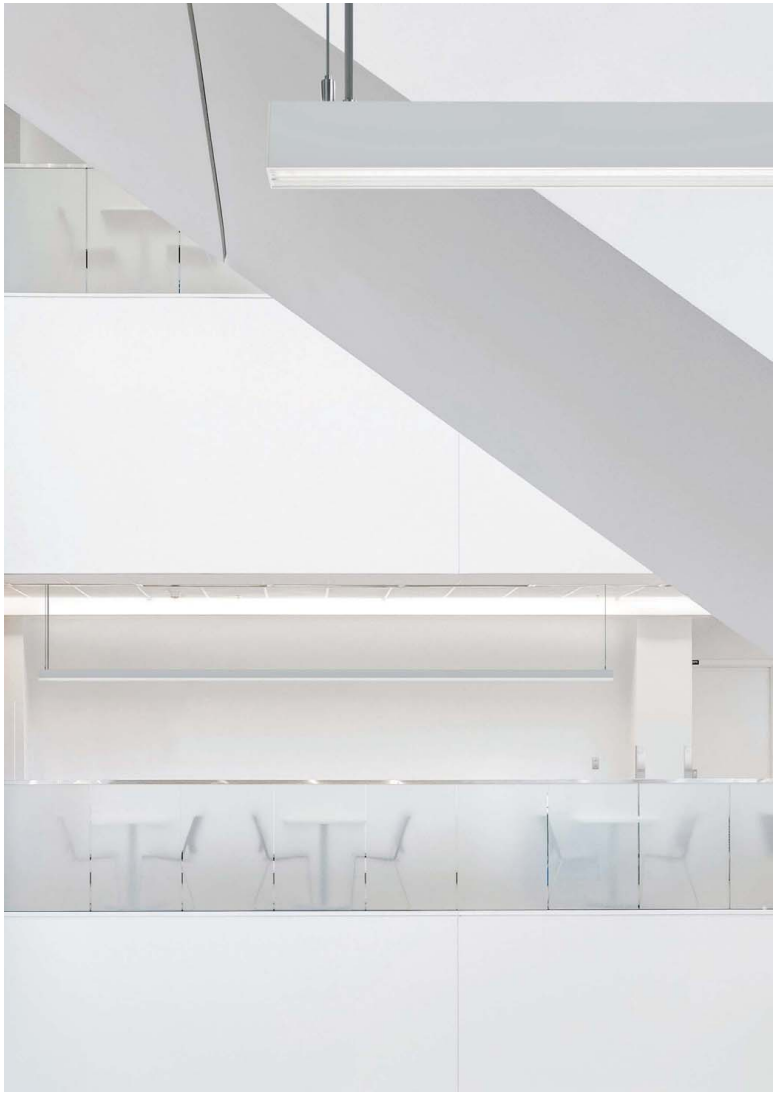


PRH.101 Line alignment



Polar Curves of lenses





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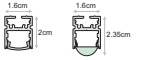
LUMINET

Interior Linear

- LUMINET linear interior luminaire is available for surface, pendant installation or with brackets for wall installation.
- It is suitable for indoor wall washing as it offers a variety of beam angles (15°, 30°, 50°, 70°, 90°).
- L90/B10 50000h (for monochromatic models)
- 3 SDCM (for monochromatic models)
- Ingress Protection: IP40

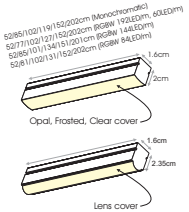


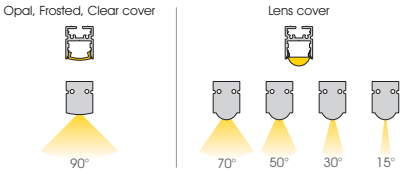
Monochromatic Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

RGBW Lighting management options:
DMX, DALI,Wireless Bluetooth or RF controllers

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*





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ELECTRON

LIGHTSOURCE BY NICHIA for Monochromatic

IP40

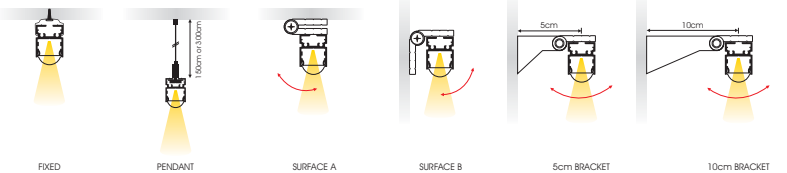
Model	Luminaire Colour	Colour Temperature	CRI	Watt / Length	Beam Angle (Cover Type)	Voltage
LUMINET FIXED *(LUMINET FX)* **LUMINET PENDANT** *(LUMINET P1)* H:150cm *(LUMINET P2)* H:300cm **LUMINET SURFACE A** *(LUMINET SA)* **LUMINET SURFACE B** *(LUMINET SB)* **LUMINET 5cm BRACKET** *(LUMINET B1)* **LUMINET 10cm BRACKET** *(LUMINET B2)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥80 *(80)*	10.5W / 52cm *(11W052)* 17.5W / 85cm *(18W085)* 21W / 102cm *(21W102)* 24.5W / 119cm *(25W119)* 31.5W / 152cm *(32W152)* 42W / 202cm *(42W202)*	15° (Lens Cover) *(15L)* 30° (Lens Cover) *(30L)* 50° (Lens Cover) *(50L)* 70° (Lens Cover) *(70L)* 90° (Opal Cover) *(90O)* 90° (Frosted Cover) *(90F)* 90° (Clear Cover) *(90C)*	24VDC *(24)*

RGBW

Colour	Watt / Length
RGBW 192LED/m* *(RGBW)*	13.5W / 52cm *(14W052)* 20.2W / 77cm *(20W077)* 27W / 102cm *(27W102)* 30.4W / 127cm *(30W127)* 40.5W / 152cm *(41W152)* 54W / 202cm *(54W202)*
RGBW 144LED/m* *(RGBW)*	7.5W / 52cm *(08W052)* 12.5W / 85cm *(13W085)* 15W / 101cm *(15W101)* 20W / 134cm *(20W134)* 22.5W / 151cm *(23W151)* 30W / 201cm *(30W201)*
RGBW 84LED/m** *(RGBW)*	13.5W / 52cm *(14W052)* 21.2W / 81cm *(21W081)* 27W / 102cm *(27W102)* 34.7W / 131cm *(35W131)* 40.5W / 152cm *(41W152)* 54W / 202cm *(54W202)*
RGBW 60LED/m** *(RGBW)*	9.8W / 52cm *(10W052)* 14.6W / 77cm *(15W077)* 19.5W / 102cm *(20W102)* 24.4W / 127cm *(24W127)* 29.4W / 152cm *(29W152)* 39W / 202cm *(39W202)*

* RGBW 192/144LED/m available with Lens Cover
** RGBW 84/60LED/m available with Opal/Frosted/Clear Cover

Ordering Code Example: LUMINET SA-WH-30-80-32W152-90F-24



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LIGUA 1

Interior Linear

- LIGUA 1 is a linear single side light emitting luminaire suitable for decorative applications.
- Possibility of creating 90° vertical or 90° horizontal installations.
- L90/B10 50.0000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

LIGHTSOURCE BY NICHIA

IP30

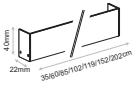
Model	Luminaire Colour	CCT	CRI*	Type	Watt* / Length	Voltage
LIGUA 1 *(LIGUA 1)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	Clear *(CL)* Opal *(OP)* Frosted *(FR)*	7W / 35cm *(07W035)* 12.2W / 60cm *(12W060)* 17.5W / 85cm *(17W085)* 21W / 102cm *(21W102)* 24.5W / 119cm *(24W119)* 31.5W / 152cm *(31W152)* 42W / 202cm *(42W202)*	24VDC *(24)*

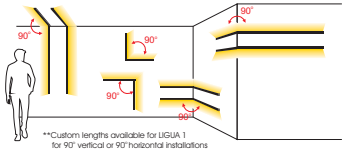
*Available also in CRI90 upon request

Ordering Code Example: *LIGUA 1-BL-40-80-FR-31W152-24*

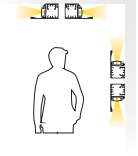
Available upon request:

✓ *Custom dimensions***
✓ *Custom luminaire colours*
✓ *Emergency version*





**Custom lengths available for LIGUA 1
for 90° vertical or 90° horizontal installations



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ELECTRON

Interior Linear

LIGUA 2

- LIGUA 2 is a linear double side light emitting luminaire suitable for decorative applications.
- Possibility of creating 90° vertical or 90° horizontal installations.
- L90/B10 50.0000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

LIGHTSOURCE BY NICHIA

IP30

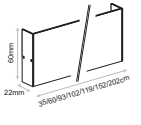
Model	Luminaire Colour	CCT	CRI*	Type	Watt* / Length	Voltage
LIGUA 2 *(LIGUA 2)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	Clear *(CL)* Opal *(OP)* Frosted *(FR)*	14W / 35cm *(14W035)* 24.4W / 60cm *(24W060)* 38.5W / 93cm *(38W093)* 42W / 102cm *(42W102)* 49W / 119cm *(49W119)* 63W / 152cm *(63W152)* 84W / 202cm *(84W202)*	24VDC *(24)*

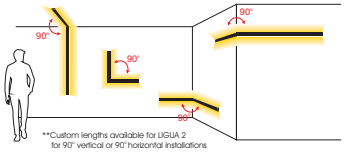
*Available also in CRI90 upon request

Ordering Code Example: *LIGUA 2-BL-40-80-FR-63W152-24*

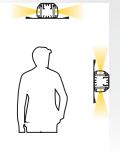
Available upon request:

✓ *Custom dimensions***
✓ *Custom luminaire colours*
✓ *Emergency version*





**Custom lengths available for LIGUA 2
for 90° vertical or 90° horizontal installations



ELECTRON

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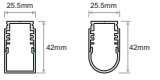
JOY

- JOY linear luminaire is available for surface or pendant application.
- L90/B10 50.000
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Available upon request:

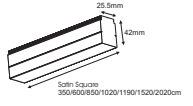
✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

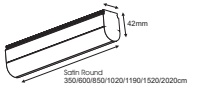
LIGHTSOURCE BY NICHIA

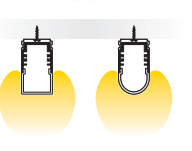
IP40

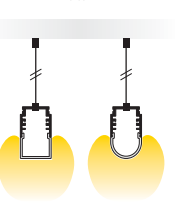
Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
JOY SURFACE *(JOY SF)* **JOY PENDANT** *(JOY PD)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	⩾ 80 *(80)*	Satin Square *(SS)* Satin Round *(SR)*	7W / 35cm *(07W035)* 12.2W / 60cm *(12W060)* 17.5W / 85cm *(17W085)* 21W / 102cm *(21W102)* 24.5W / 119cm *(24W119)* 31.5W / 152cm *(31W152)* 42W / 202cm *(42W202)*	24VDC *(24)*

Ordering Code Example:
JOY SF-BL-30N-80-SS-24W119-24









U TYPE

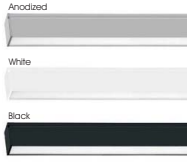
Interior Linear

- U TYPE linear luminaire is available for surface or pendant application.
- It is available with milky, milky satin, ruled, or transparent cover.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

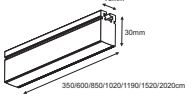


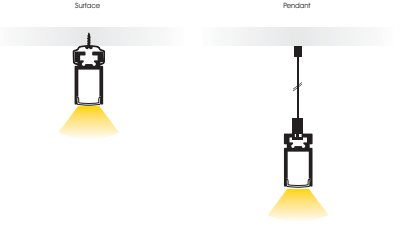
LIGHTSOURCE BY NICHIA

IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
U TYPE Surface *(U TYPE SF)* **U TYPE Pendant** *(U TYPE PD)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	⩾80 *(80)*	Milky *(ML)* Milky Satin *(MS)* Ruled *(RL)* Transparent *(TR)*	7W / 35cm *(07W035)* 12.2W / 60cm *(12W060)* 17.5W / 85cm *(17W085)* 21W / 102cm *(21W102)* 24.5W / 119cm *(24W119)* 31.5W / 152cm *(31W152)* 42W / 202cm *(42W202)*	24VDC *(24)*

Ordering Code Example:
U TYPE SF-BL-30N-80-ML-24W119-24





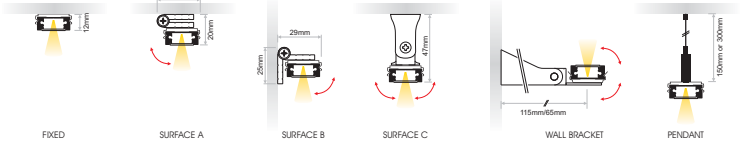
ELECSIA

- ELECSIA is a simple low depth linear luminaire suitable for surface, pendant or wall bracket installation.
- L90/B10 50000h (for monochromatic models)
- 3 SDCM (for monochromatic models)
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*



FIXED | SURFACE A | SURFACE B | SURFACE C | WALL BRACKET (Long/Short) | PENDANT

LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
ELECSIA FIXED *(ELECSIA F)* **ELECSIA SURFACE A** *(ELECSIA SA)* **ELECSIA SURFACE B** *(ELECSIA SB)* **ELECSIA SURFACE C** *(ELECSIA SC)* **ELECSIA SHORT BRACKET 6.5cm** *(ELECSIA B1)* **ELECSIA LONG BRACKET 11.5cm** *(ELECSIA B2)* **ELECSIA PENDANT** *(ELECSIA P1)* **H:150cm** *(ELECSIA P2)* **H:300cm**	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)*	10.5W / 52cm *(11W052)* 17.5W / 85.3cm *(18W085)* 21W / 102cm *(21W102)* 24.5W / 118.7cm *(25W119)* 31.5W / 152cm *(32W152)* 42W / 202cm *(42W202)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*

RGBWW / RGBCW / RGB

Colour		Watt / Length	
RGBWW RGBCW 84LED/m	*(RGBWW)* *(RGBCW)*	13.5W / 52cm *(14W052)* 23.1W / 87.7cm *(23W088)* 27W / 102cm *(27W102)* 32.8W / 123.4cm *(33W123)* 40.5W / 152cm *(41W152)* 54W / 202cm *(54W202)*	
RGBWW RGBCW 60LED/m**	*(RGBWW)* *(RGBCW)*	9.7W / 52cm *(10W052)* 15.6W / 82cm *(16W082)* 19.5W / 102cm *(20W102)* 23.4W / 122cm *(23W122)* 29.2W / 152cm *(29W152)* 39W / 202cm *(39W202)*	
RGB 96LED/m	*(RGB96)*	11.5W / 52cm *(12W052)* 20.1W / 89.5cm *(20W090)* 23W / 102cm *(23W102)* 27.3W / 120.7cm *(27W121)* 34.5W / 152cm *(35W152)* 46W / 202cm *(46W202)*	
RGB 60LED/m**	*(RGB60)*	7.2W / 52cm *(07W052)* 11.6W / 82cm *(12W082)* 14.5W / 102cm *(15W102)* 17.4W / 122cm *(17W122)* 21.7W / 152cm *(22W152)* 29W / 202cm *(29W202)*	
RGB 30LED/m**	*(RGB30)*	3.6W / 52cm *(04W052)* 5.7W / 82cm *(06W082)* 7.2W / 102cm *(07W102)* 8.6W / 122cm *(09W122)* 10.8W / 152cm *(11W152)* 14.4W / 202cm *(14W202)*	12VDC *(12)*

* Available in other colours or/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *ELECSIA B1-BL-RGB60-22W152-TR-24*

ELA.008
Antislipper for vertical installation (as extra)

Input cable with IP connectors (as extra)

Input & Output cables with IP connector (as extra)

OMEGA

Interior Linear

- OMEGA is a recessed linear luminaire.
- It is available with milky, milky satin, ruled, or transparent cover.
- L90/B10 50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

LIGHTSOURCE BY NICHIA

IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
OMEGA *(OMEGA)*	Anodized *(AN)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	> 80 *(80)*	Milky *(ML)* Milky Satin *(MS)* Ruled *(RL)* Transparent *(TR)*	7W / 37cm *(07W037)* 12.2W / 62cm *(12W062)* 17.5W / 87cm *(17W087)* 21W / 104cm *(21W104)* 24.5W / 121cm *(24W121)* 31.5W / 154cm *(31W154)* 42W / 204cm *(42W204)*	24VDC *(24)*

Ordering Code Example:

OMEGA-AN-30N-80-MS-24W121-24

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

ELECTRON

Private Residence, Athens, Greece
Tense Architecture Network

3rd Winner of the H user
prize as the best family residence in Europe

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SKYTUBE

- SKYTUBE linear luminaire is offered either for surface or pendant application.
- Tube Material: PMMA
- L90/B10 50000h (for monochromatic models)
- 3 SDCM (for monochromatic models)
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*

Length:

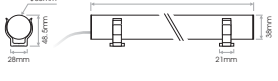
for Monochromatic:
54/87.3/104/120.7/154/204cm

for Tunable White:
54/79/104/129/154/195.7cm

for RGBWW-RGBCW 84LED/m:
54/89.7/104/125.4/154/204cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
54/84/104/124/154/204cm

for RGB 96LED/m:
54/91.5/104/122.7/154/204cmcm



Holders
(as standard)

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LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Colour Temperature	CRI	Watt / Length	Type	Voltage
SKYTUBE Surface *(SKYTUBE SF)*	2000K *(20)*	80+ *(80)*	10.5W / 54cm *(11W054)*	Milky *(ML)*	24VDC *(24)*
	2500K *(25)*		17.5W / 87.3cm *(18W087)*		
	2700K *(27)*		21W / 104cm *(21W104)*		
SKYTUBE Pendant *(SKYTUBE PD)*	3000K *(30)*		24.5W / 120.7cm *(25W121)*		
	4000K *(40)*		31.5W / 154cm *(32W154)*		
	5700K *(57)*		42W / 204cm *(42W204)*		
TUNABLE WHITE					
	Colour Temperature	**CRI**	**Watt / Length**		
	Tunable White 2700K~5700K *(TW)*	80+ *(80)*	10W / 54cm *(10W054)*		
			15W / 79cm *(15W079)*		
			20W / 104cm *(20W104)*		
			25W / 129cm *(25W129)*		
			30W / 154cm *(30W154)*		
			38.3W / 195.7cm *(38W196)*		
RGBWW / RGBCW / RGB					
	Colour		**Watt / Length**		
	RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 54cm *(14W054)*		
			23.1W / 89.7cm *(23W090)*		
			27W / 104cm *(27W104)*		
			32.8W / 125.4cm *(33W125)*		
			40.5W / 154cm *(41W154)*		
			54W / 204cm *(54W204)*		
	RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m*		9.7W / 54cm *(10W054)*		
			15.6W / 84cm *(16W084)*		
			19.5W / 104cm *(20W104)*		
			23.4W / 124cm *(23W124)*		
			29.2W / 154cm *(29W154)*		
			39W / 204cm *(39W204)*		
	RGB *(RGB96)* 96LED/m		11.5W / 54cm *(12W054)*		
			20.1W / 91.5cm *(20W092)*		
			23W / 104cm *(23W104)*		
			27.3W / 122.7cm *(27W123)*		
			34.5W / 154cm *(35W154)*		
			46W / 204cm *(46W204)*		
	RGB *(RGB60)* 60LED/m*		7.2W / 54cm *(07W054)*		
			11.6W / 84cm *(12W084)*		
			14.5W / 104cm *(15W104)*		
			17.4W / 124cm *(17W124)*		
			21.7W / 154cm *(22W154)*		
			29W / 204cm *(29W204*		
	RGB *(RGB30)* 30LED/m*		3.6W / 54cm *(04W054)*		12VDC *(12)*
			5.7W / 84cm *(06W084)*		
			7.2W / 104cm *(07W104)*		
			8.6W / 124cm *(09W124)*		
			10.8W / 154cm *(11W154)*		
			14.4W / 204cm *(14W203)*		

* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: SKYTUBE SF-30-80-25W121-ML-24

ELECTRON

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IKEBANA Restaurant, Athens, Greece
Lighting Design: ASlight
Photo: Gavrill Papadiotis

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

ARC

Interior Linear

- ARC linear luminaire available for trimess or recessed application.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

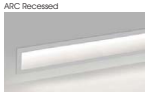
✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

LIGHTSOURCE BY NICHIA

IP40

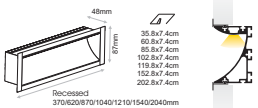
Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
ARC Recessed *(ARC RC)*	White *(WH)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	> 80 *(80)*	Milky *(MI)* Milky Satin *(MS)* Ruled *(RL)* Transparent *(TR)*	7W / 37cm *(07W037)* 12.2W / 62cm *(12W062)* 17.5W / 87cm *(17W087)* 21W / 104cm *(21W104)* 24.5W / 121cm *(24W121)* 31.5W / 154cm *(31W154)* 42W / 204cm *(42W204)*	24VDC *(24)*
ARC Trimless *(ARC TR)*					7W / 35cm *(07W035)* 12.2W / 60cm *(12W060)* 17.5W / 85cm *(17W085)* 21W / 102cm *(21W102)* 24.5W / 119cm *(24W119)* 31.5W / 152cm *(31W152)* 42W / 202cm *(42W202)*	

ARC Recessed

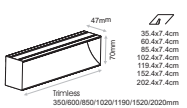


ARC Trimless

Ordering Code Example:
ARC RC-WH-30N-80-MS-42W204-24



35.8x7.4cm
60.8x7.4cm
85.8x7.4cm
102.8x7.4cm
119.8x7.4cm
152.8x7.4cm
202.8x7.4cm



35.4x7.4cm
60.4x7.4cm
85.4x7.4cm
102.4x7.4cm
119.4x7.4cm
152.4x7.4cm
202.4x7.4cm

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ELECTRON

Interior Linear

ARC 2

- ARC 2 linear luminaire available for trimess or recessed application.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

LIGHTSOURCE BY NICHIA

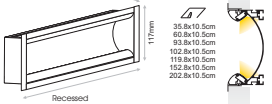
IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
ARC 2 Recessed *(ARC 2 RC)*	White *(WH)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	> 80 *(80)*	Milky *(MI)* Milky Satin *(MS)* Ruled *(RL)* Transparent *(TR)*	14W / 37cm *(14W037)* 24.4W / 62cm *(24W062)* 38.5W / 95cm *(38W095)* 42W / 104cm *(42W104)* 49W / 121cm *(49W121)* 63W / 154cm *(63W154)* 84W / 204cm *(84W204)*	24VDC *(24)*
ARC 2 Trimless *(ARC 2 TR)*					14W / 35cm *(14W035)* 24.4W / 60cm *(24W060)* 38.5W / 93cm *(38W093)* 42W / 102cm *(42W102)* 49W / 119cm *(49W119)* 63W / 152cm *(63W152)* 84W / 202cm *(84W202)*	

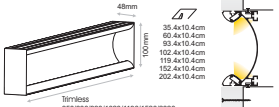
ARC 2 Recessed

ARC 2 Trimless

Ordering Code Example:
ARC 2 TR-WH-30N-80-MS-84W202-24



35.8x10.5cm
60.8x10.5cm
93.8x10.5cm
102.8x10.5cm
119.8x10.5cm
152.8x10.5cm
202.8x10.5cm



35.4x10.4cm
60.4x10.4cm
93.4x10.4cm
102.4x10.4cm
119.4x10.4cm
152.4x10.4cm
202.4x10.4cm

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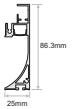
ARC 3

Interior Linear

- ARC 3 linear luminare suitable for trimless application.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



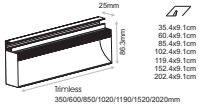
Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

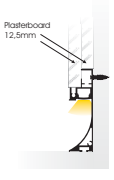
LIGHTSOURCE BY NICHIA — IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
ARC 3 Trimless *(ARC 3 TR)*	White *(WH)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	>80 *(80)*	Milky *(ML)* Milky Satin *(MS)* Ruled *(RL)* Transparent *(TR)*	7W / 35cm *(07W035)* 12.2W / 60cm *(12W060)* 17.5W / 85cm *(17W085)* 21W / 102cm *(21W102)* 24.5W / 119cm *(24W119)* 31.5W / 152cm *(31W152)* 42W / 202cm *(42W202)*	24VDC *(24)*

Ordering Code Example:
ARC 3 TR-WH-30N-80-MS-42W202-24



35.4x9.1cm
60.4x9.1cm
85.4x9.1cm
102.4x9.1cm
119.4x9.1cm
152.4x9.1cm
202.4x9.1cm



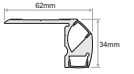
ELECTRON

Interior Linear

STAIR DUE

- STAIRDUE linear luminaire with double light emittance for illuminating stairs.
- Special position of LEDs in the upper part ensures a glare free illumination.
- L90/B10 50000h
- 3 SDCM
- IP30

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



IP66 Available upon request

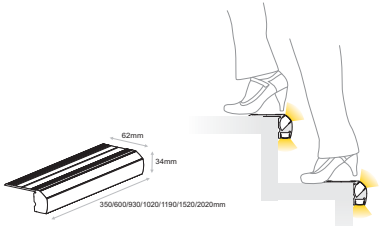
Available upon request:

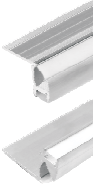
✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

LIGHTSOURCE BY NICHIA — IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
STAIR DUE *(STAIR DUE)*	Anodized Black *(AB)* Anodized Silver *(AS)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	>80 *(80)*	Milky *(ML)* Milky Satin *(MS)* Ruled *(RL)* Transparent *(TR)*	14W / 35cm *(14W035)* 24.4W / 60cm *(24W060)* 38.5W / 93cm *(38W093)* 42W / 102cm *(42W102)* 49W / 119cm *(49W119)* 63W / 152cm *(63W152)* 84W / 202cm *(84W202)*	24VDC *(24)*

Ordering Code Example:
STAIR DUE-AB-30N-80-ML-63W152-24

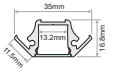




CORNER II

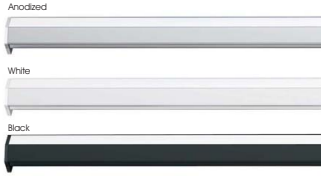
- CORNER II linear luminaire is available with clear, frosted or milky cover.
- L90/B10 50000h (for monochromatic models)
- 3 SDCM (for monochromatic models)
- IP40

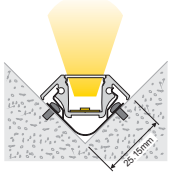
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*





LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
CORNER II *(CORNER II)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	80+ *(80)*	10.5W / 53cm *(11W053)* 15.8W / 78cm *(16W078)* 21W / 103cm *(21W103)* 24.5W / 119.7cm *(25W120)* 31.5W / 153cm *(32W153)* 42W / 203cm *(42W203)*	Clear *(CL)* Frosted *(FR)* Milky Satin *(MS)*	24VDC *(24)*
		TUNABLE WHITE				
		Colour Temperature	**CRI**	**Watt* / Length**		
		Tunable White 2700K~5700K *(TW)*	80+ *(80)*	10W / 53cm *(10W053)* 15W / 78cm *(15W078)* 20W / 103cm *(20W103)* 25W / 128cm *(25W128)* 30W / 153cm *(30W153)* 40W / 203cm *(40W203)*		
		RGBWW / RGBCW / RGB				
		Colour		**Watt* / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 53cm *(14W053)* 23.1W / 88.7cm *(23W089)* 27W / 103cm *(27W103)* 32.8W / 124.4cm *(33W124)* 40.5W / 153cm *(41W153)* 54W / 203cm *(54W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**		9.7W / 53cm *(10W053)* 15.6W / 83cm *(16W083)* 19.5W / 103cm *(20W103)* 23.4W / 123cm *(23W123)* 29.2W / 153cm *(29W153)* 39W / 203cm *(39W203)*		
		RGB *(RGB96)* 96LED/m		11.5W / 53cm *(12W053)* 20.1W / 90.5cm *(20W091)* 23W / 103cm *(23W103)* 27.3W / 121.7cm *(27W122)* 34.5W / 153cm *(35W153)* 46W / 203cm *(46W203)*		
		RGB *(RGB60)* 60LED/m**		7.2W / 53cm *(07W053)* 11.6W / 83cm *(12W083)* 14.5W / 103cm *(15W103)* 17.4W / 123cm *(17W123)* 21.7W / 153cm *(22W153)* 29W / 203cm *(29W203*		
		RGB *(RGB30)* 30LED/m**		3.6W / 53cm *(04W053)* 5.7W / 83cm *(06W083)* 7.2W / 103cm *(07W103)* 8.6W / 123cm *(09W123)* 10.8W / 153cm *(11W153)* 14.4W / 203cm *(14W203)*		12VDC *(12)*

* Available in other colours or/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

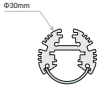
Ordering Code Example: *CORNER II-BL-30-80-25W120-MS-24*

ARTTUBE

Interior Linear

- ARTTUBE linear luminaire is available with 15° or 35° degrees.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Available upon request:

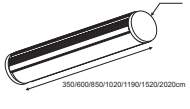
✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

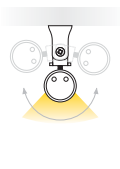
LIGHTSOURCE BY NICHIA

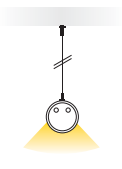
IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
ARTTUBE Surface *(ARTTUBE SF)* **ARTTUBE Pendant** *(ARTTUBE PD)*	Anodized *(AN)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	⩾80 *(80)*	15° *(15)* 35° *(35)* Milky *(ML)* Transparent *(TR)*	7W / 35cm *(07W035)* 12.2W / 60cm *(12W060)* 17.5W / 85cm *(17W085)* 21W / 102cm *(21W102)* 24.5W / 119cm *(24W119)* 31.5W / 152cm *(31W152)* 42W / 202cm *(42W202)*	24VDC *(24)*

Ordering Code Example: *ARTTUBE SF-AN-30N-80-ML-24W119-24*







Interior Linear

ARTBAR

- ARTBAR linear luminaire is available with 15° or 35° degrees.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

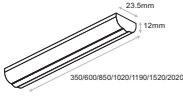
✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

LIGHTSOURCE BY NICHIA

IP40

Model	Luminaire Colour	CCT	CRI	Beam Angle	Watt / Length	Voltage
ARTBAR *(ARTBAR)*	Anodized *(AN)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	⩾80 *(80)*	15° *(15)* 35° *(35)*	7W / 35cm *(07W035)* 12.2W / 60cm *(12W060)* 17.5W / 85cm *(17W085)* 21W / 102cm *(21W102)* 24.5W / 119cm *(24W119)* 31.5W / 152cm *(31W152)* 42W / 202cm *(42W202)*	24VDC *(24)*

Ordering Code Example: *ARTBAR-AN-30N-80-35-24W119-24*



ELECSYS / ELECSYS QUATRO

Interior Linear

- Linear LED lighting with transparent or milky cover.
- Monochromatic or RGBin1 (Common Anode).
- L90/B10 50.000h (for monochromatic models)
- IP40

Monochromatic lighting management options:
- DMX 512 controllers & converters 0-10V or 1-10V or simple push buttons.
- Wireless IR & RF control units.
- DALI Protocol devices.

RGBin1 lighting management options:
- 4 channels DMX controller with 24VDC PWM output.

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Type	Watt* / Length	Voltage
ELECSYS *(ELECSYS)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥ 80 *(80)*	Transparent *(TR)* Milky *(ML)*	7W / 36.3cm *(07W036)* 10.5W / 53cm *(11W053)* 17.5W / 86.3cm *(18W086)* 21W / 103cm *(21W103)* 24.5W / 119.7cm *(25W120)* 31.5W / 153cm *(32W153)* 42W / 203cm *(42W203)*	24VDC *(24)*
		TUNABLE WHITE Tunable White 2700K–5700K *(TW)*			6.7W 36.3cm *(07W036)* 10W / 53cm *(10W053)* 15W / 78cm *(15W078)* 20W / 103cm *(20W103)* 25W / 128cm *(25W128)* 30W / 153cm *(30W153)* 40W / 203cm *(40W203)*	
ELECSYS QUATRO *(ELECSYS QUATRO)*		*RGBWin1* RGBWin1 *(RGBW)*			7.8W / 31cm *(08W031)* 15.6W / 60cm *(16W060)* 21.4W / 81cm *(21W081)* 33.1W / 124cm *(33W124)* 48.6W / 182cm *(49W182)* 53.5W / 197cm *(53W197)*	

* Available in other colours or/and power upon request.

Ordering Code Example: *ELECSYS-AN-30-80-ML-21W103-24*

Monochromatic
363/530/863/1030/1197/1530/2030mm

RGBWin1
310/600/810/1240/1820/1970mm

ELA.008
STAINLESS STEEL HOLDER
(as standard)

ACC.048
BRACKET
(as extra)

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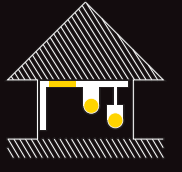


INTERIOR SYSTEMS

ELECTRON

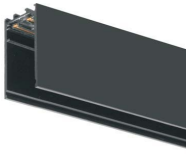
Hotel Juliani, St Julians, Malta

CLICK IT SYSTEM

- Click it is an elegant system ideal for highly demanding aesthetically spaces.
- The system is available in surface, pendant and trimless version.
- Flexibility and easiness in the repositioning of the luminaires with a click.
- It is offered with a vast variety of accessories for limitless design in the final layout.
- Click it Spots include: three sized spots, zoom spot, frame and gobo spots.
- Click it Linear luminaires include: linear spots, linear wash, and four sized linear ambient luminaires.
- Click it Tubes include: two sized tubes rotatable 340degrees ensuring an interesting pattern.
- Click it Decorative luminaires include: two pendant cylindrical fixtures, a sphere spot and a pendant sphere.
- The system is offered in 42V PWM Dimmable or 48V DALI Dimmable.

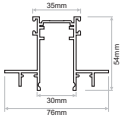
Click It **Surface** Track

Code	Model	Length	Colour
CLK.013	Click It Surface Track	2m	Black
CLK.014	Click It Surface Track	3m	Black
CLK.016	Click It Surface Track	2m	White
CLK.017	Click It Surface Track	3m	White



Click It **Trimless** Track

Code	Model	Length	Colour
CLK.001	Click It Trimless Track	2m	Black
CLK.002	Click It Trimless Track	3m	Black
CLK.004	Click It Trimless Track	2m	White
CLK.005	Click It Trimless Track	3m	White



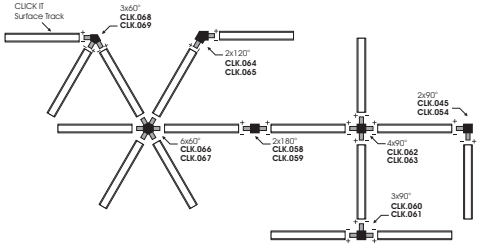
Hotel Juliani, St Julians, Malta

SURFACE POWER CONNECTORS for CLICK IT System

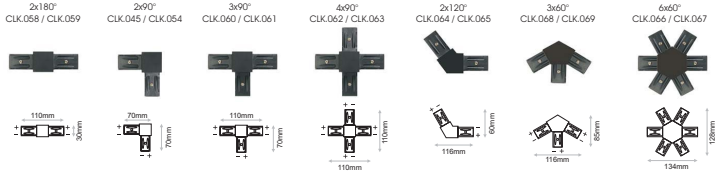
Interior Systems

SURFACE

Code*	Description	Colour
CLK.058	2x180 Connector Surface	Black
CLK.059	2x180 Connector Surface	White
CLK.045	2x90 Connector Surface	Black
CLK.054	2x90 Connector Surface	White
CLK.060	3x90 Connector Surface	Black
CLK.061	3x90 Connector Surface	White
CLK.062	4x90 Connector Surface	Black
CLK.063	4x90 Connector Surface	White
CLK.064	2x120 Connector Surface	Black
CLK.065	2x120 Connector Surface	White
CLK.068	3x60 Connector Surface	Black
CLK.069	3x60 Connector Surface	White
CLK.066**	6x60 Connector Surface	Black
CLK.067**	6x60 Connector Surface	White



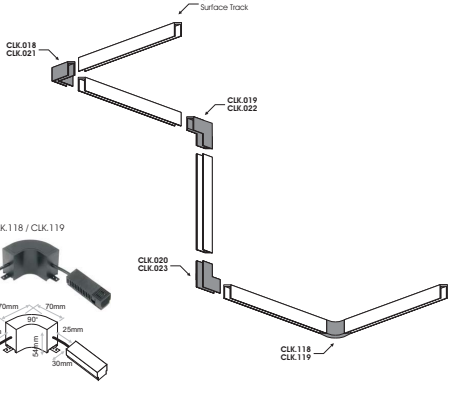
* Surface connector's electrical polarity is as shown. Possibility to change the electrical polarity to meet the geometry requirements of any space.
** CLK.066 / CLK.067 is surface track connector whithout power connectivity.

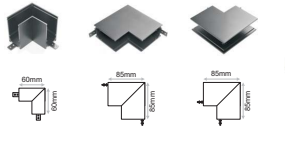


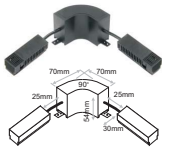
SURFACE PREFABRICATED CORNERS 90° for CLICK IT System

SURFACE

Code	Description	Colour
CLK.018	L CORNER Surface Ceiling to Ceiling	Black
CLK.021	L CORNER Surface Ceiling to Ceiling	White
CLK.019	L CORNER Surface Ceiling to Wall IN	Black
CLK.022	L CORNER Surface Ceiling to Wall IN	White
CLK.020	L CORNER Surface Ceiling to Wall OUT	Black
CLK.023	L CORNER Surface Ceiling to Wall OUT	White
CLK.118	CURVED 90° CORNER for Surface Track	Black
CLK.119	CURVED 90° CORNER for Surface Track	White





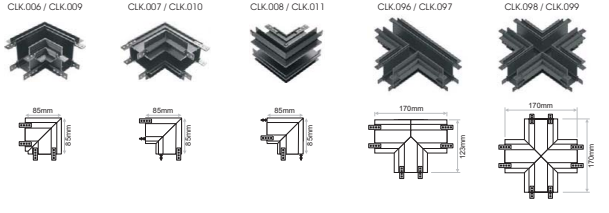


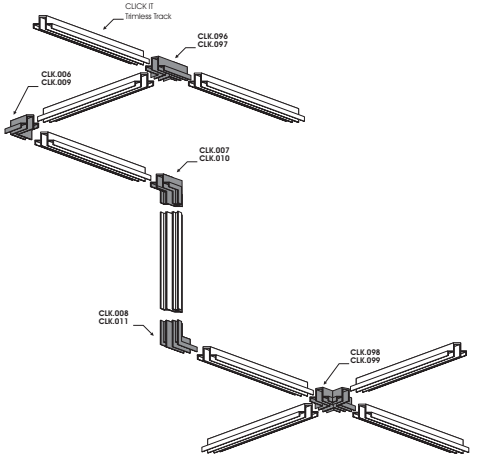
Interior Systems

TRIMLESS PREFABRICATED CORNERS 90° for CLICK IT System

TRIMLESS

Code	Description	Colour
CLK.006	L CORNER Trimless Ceiling to Ceiling	Black
CLK.009	L CORNER Trimless Ceiling to Ceiling	White
CLK.007	L CORNER Trimless Ceiling to Wall IN	Black
CLK.010	L CORNER Trimless Ceiling to Wall IN	White
CLK.008	L CORNER Trimless Ceiling to Wall OUT	Black
CLK.011	L CORNER Trimless Ceiling to Wall OUT	White
CLK.096	T Connector Trimless	Black
CLK.097	T Connector Trimless	White
CLK.098	+ Connector Trimless	Black
CLK.099	+ Connector Trimless	White

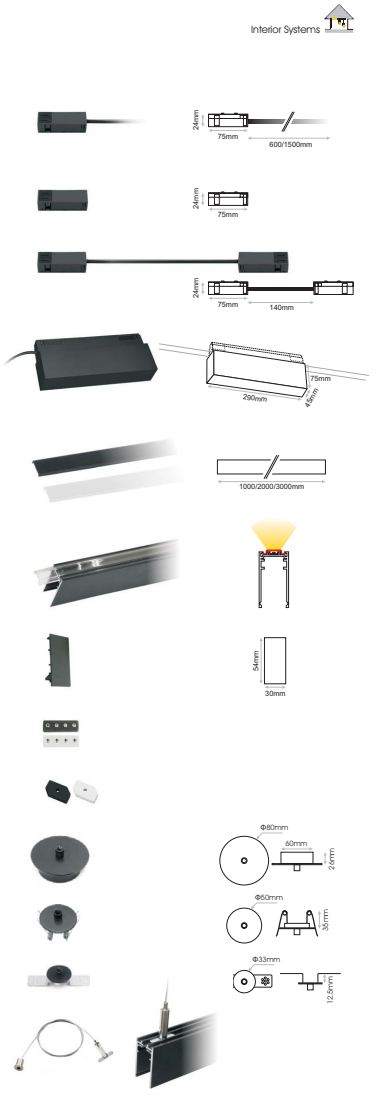




ACCESSORIES for CLICK IT System

Interior Systems

Code	Description	Colour
CLK.024	Live End with 1,5m cable	Black
CLK.025	Live End with 1,5m cable	White
CLK.033	Live End with 0,6m cable	Black
CLK.034	Live End with 0,6m cable	White
CLK.035	Live end no cable / straight connector	Black
CLK.036	Live end no cable / straight connector	White
CLK.038	Adjustable Live Connector for track	Black
CLK.039	Adjustable Live Connector for track	White
CLK.198	Driver Box	Black
CLK.199	Driver Box	White
CLK.029	Black Cover 2m	Black
CLK.030	Black Cover 3m	Black
CLK.103	White Cover 2m	White
CLK.104	White Cover 3m	White
CLK.121	PMMA Transparent Cover for Indirect Lighting 2m	Transparent
CLK.031	End Cap Trimless & Surface	Black
CLK.032	End Cap Trimless & Surface	White
CLK.037	Extension Line Connector	Black
CLK.105	Extension Line Connector	White
CLK.935	Luminaire Stop for Vertical Installation	Black
CLK.936	Luminaire Stop for Vertical Installation	White
PRH.082	Canopy Surface BLACK	Black
PRH.039	Canopy Surface WHITE	White
PRH.083	Canopy Recessed BLACK	Black
PRH.040	Canopy Recessed WHITE	White
PRH.084	Canopy Trimless BLACK	Black
PRH.041	Canopy Trimless WHITE	White
ACC.291	Ceiling Suspension Installation 1,5m	
ACC.292	Ceiling Suspension Installation 3m	



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CLICK IT SPOT 22W

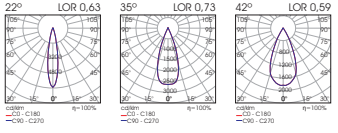
- L90/B10 50.000h
- 3 SDCM

CREE LEDs

Model (LED Power)	CCT	LED Source	Type	CRI*	Beam Angle	Colour	Dimming Option	Accessories
		CRI80						
CLICK IT SPOT 22.3W *(CLICK IT S22)*	2700K *(27C)* 2465lm 3000K *(30C)* 2651lm 4000K *(40C)* 2837lm 5000K *(50C)* 2651lm		Adjustable *(AD)*	80 *(80)*	22° *(22)* 35° *(35)* 42° *(42)*	White *(WH)* Black *(BL)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*	Standard *(0X)* Honeycomb *(1X)* Line spread lens *(2X)* Softening lens *(3X)* ↓ *(XX)* ***EXTRAS*** No Extras *(X0)* Snoot Black *(X1)* Half Snoot Black *(X2)* Frosted Cover *(X3)*

* Available also in CRI90 upon request.

Ordering Code Example: *CLICK IT S22-30C-AD-80-35-WH-DL-00*



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ELECTRON

CLICK IT SPOT 18W

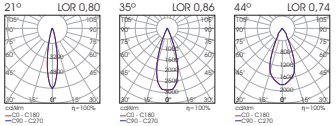
- L90/B10 50.000h
- 3 SDCM

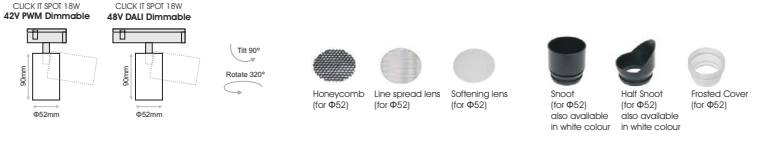
CREE LEDs

Model (LED Power)	CCT	LED Source	Type	CRI*	Beam Angle	Colour	Dimming Option	Accessories
		CRI80						
CLICK IT SPOT 17.6W *(CLICK IT S18)*	2700K *(27C)* 1518lm 3000K *(30C)* 1634lm 4000K *(40C)* 1634lm 5000K *(50C)* 1750lm		Adjustable *(AD)*	80 *(80)*	21° *(21)* 35° *(35)* 44° *(44)*	White *(WH)* Black *(BL)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*	Standard *(0X)* Honeycomb *(1X)* Line spread lens *(2X)* Softening lens *(3X)* ↓ *(XX)* ***EXTRAS*** No Extras *(X0)* Snoot Black *(X1)* Half Snoot Black *(X2)* Frosted Cover *(X3)*

* Available also in CRI90 upon request.

Ordering Code Example: *CLICK IT S18-30C-AD-80-35-WH-DL-00*





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CLICK IT SPOT 7W

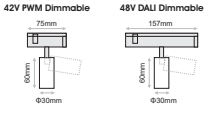
- L90/B10 50.000h
- 3 SDCM

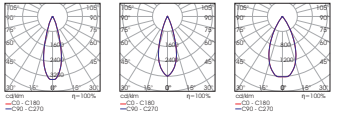
CREE LEDs

Model (LED Power)	CCT	LED Source CRI80	Type	CRI*	Beam Angle	Colour	Dimming Option
CLICK IT SPOT 7W *(CLICK IT S7)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	636lm 682lm 736lm 736lm	Adjustable *(AD)*	80 *(80)*	27° *(27)* 32° *(32)* 46° *(46)*	White *(WH)* Black *(BL)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*

* Available also in CRI90 upon request.

Ordering Code Example: CLICK IT S7-30C-AD-80-32-WH-DL





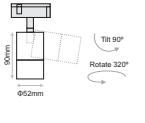
CLICK IT ZOOM SPOT 12W

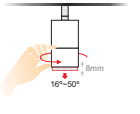
- L90/B10 50.000h
- 3 SDCM

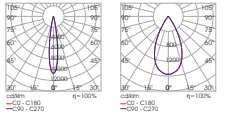
LIGHTSOURCE BY bridgelux

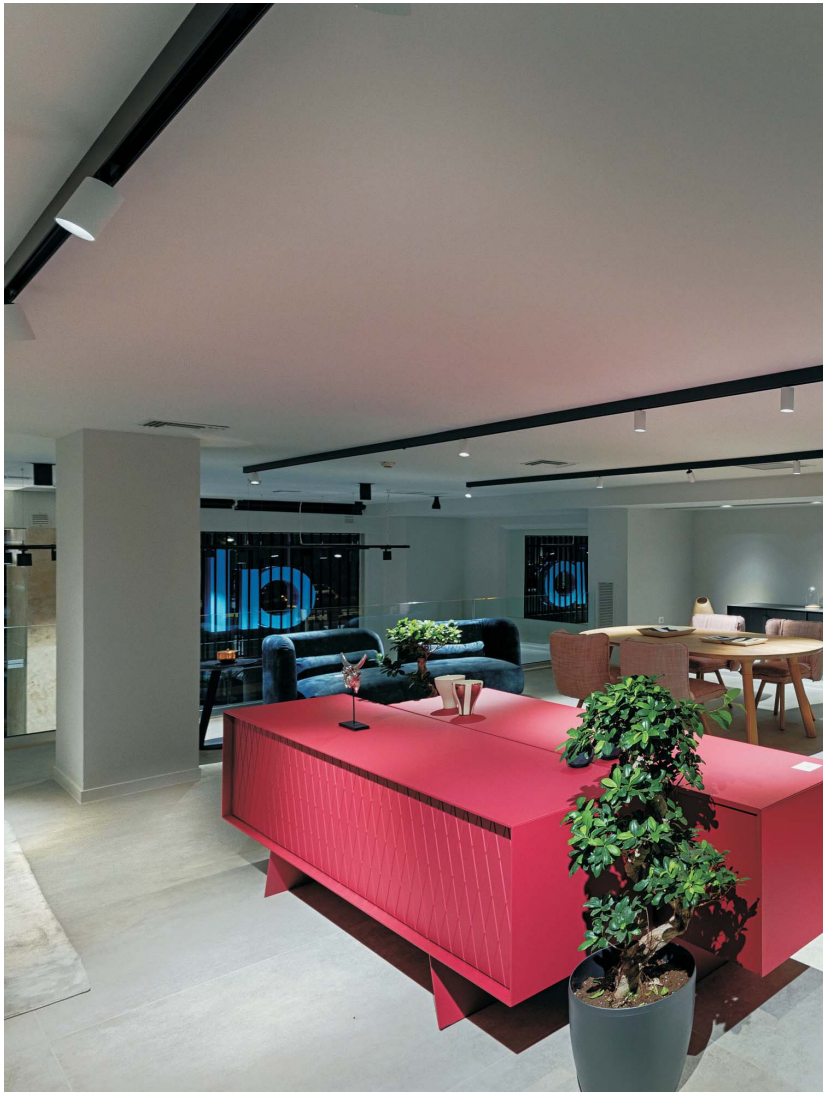
Model (LED Power)	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 *(80)*	90 *(90)*				
CLICK IT ZOOM SPOT 12W *(CLICK IT ZS12)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)*	*1194lm* *1257lm* *1307lm*	*992lm* *1055lm* *1106lm*	Adjustable *(1650)* 16°[min]-50°[max]	Adjustable *(AD)*	White *(WH)* Black *(BL)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*

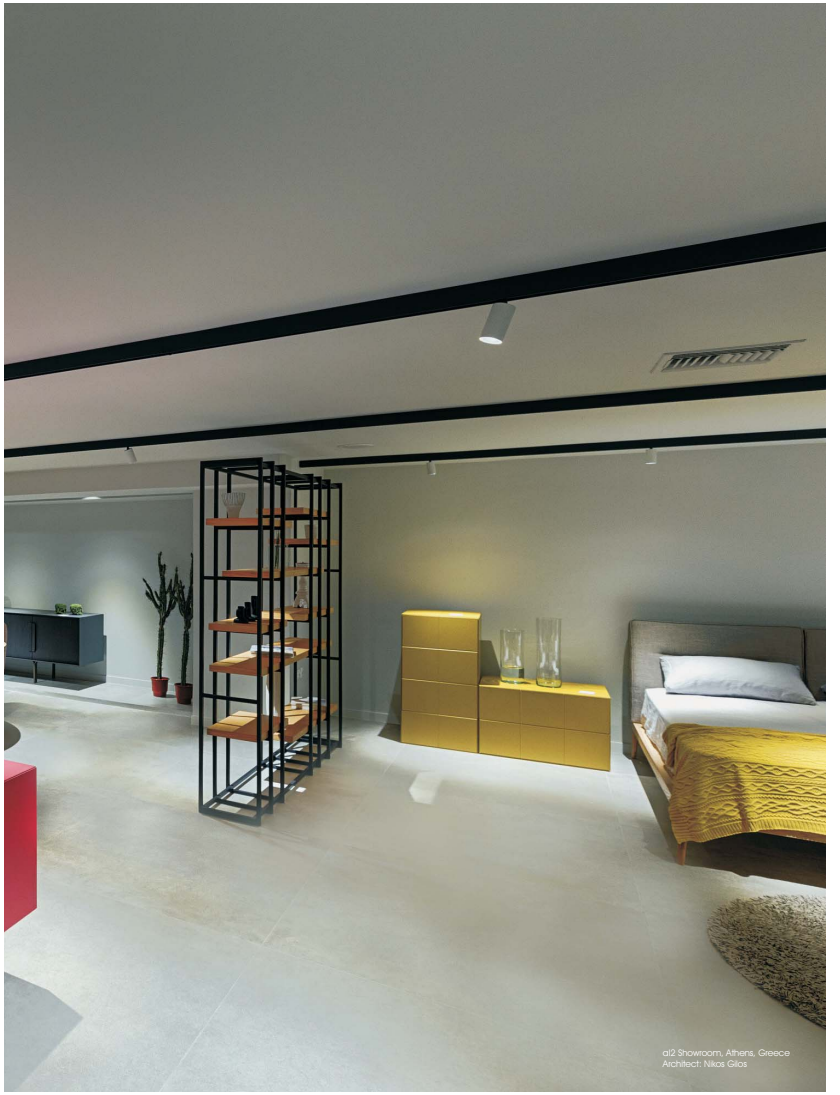
Ordering Code Example: CLICK IT ZS12-30C-80-1650-AD-WH-DL











a|2 Showroom, Athens, Greece
Architect: Nikos Gilos

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CLICK IT FRAME SPOT 13W

- L90/B10 50.000h
- 3 SDCM

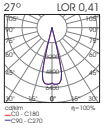
Frame Spot

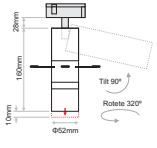
CREE LEDs

Model (LED Power)	CCT	LED Source	Type	CRI*	Beam Angle	Colour	Dimming Option
		CRI80					
CLICK IT FRAME SPOT 12.8W *(CLICK IT FR S13)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*1102lm* *1148lm* *1211lm* *1226lm*	Adjustable *(AD)*	80 *(80)*	27° max *(27)*	White *(WH)* Black *(BL)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*

* Available also in CRI90 upon request.

Ordering Code Example: *CLICK IT FR S13-30C-AD-80-27-WH-DL*





CLICK IT GOBO SPOT 13W

- L90/B10 50.000h
- 3 SDCM

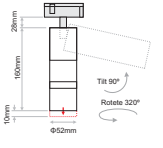
Gobo Spot

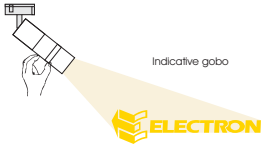
CREE LEDs

Model (LED Power)	CCT	LED Source	Type	CRI*	Colour	Dimming Option
		CRI80				
CLICK IT GOBO SPOT 12.8W *(CLICK IT GB S13)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*1102lm* *1148lm* *1211lm* *1226lm*	Adjustable *(AD)*	80 *(80)*	White *(WH)* Black *(BL)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*

* Available also in CRI90 upon request.

Ordering Code Example: *CLICK IT GB S13-30C-AD-80-WH-DL*





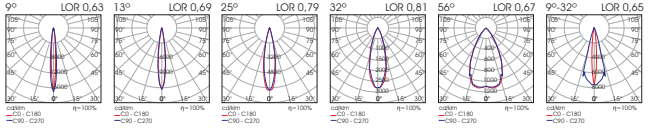
CLICK IT LINEAR SPOT 15W

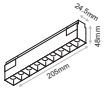
- L90/B10 50.000h
- 3 SDCM

CREE LEDs

Model (LED Power)	CCT	CRI80 *LED Source*	CRI90 *LED Source*	Beam Angle	Colour	Dimming Option
		80 *(80)*	90 *(90)*			
CLICK IT LINEAR SPOT 14.9W *(CLICK IT LS15)*	2700K *(27C)*	*1332lm*	*1098lm*	9° *(VN)*	White *(WH)*	42V PWM Dimmable *(DM)*
	3000K *(30C)*	*1404lm*	*1170lm*	13° *(NR)*	Black *(BL)*	48V DALI Dimmable *(DL)*
	4000K *(40C)*	*1476lm*	*1332lm*	25° *(MD)*		
	5000K *(50C)*	*1476lm*	*1332lm*	32° *(WD)*		
				56° *(VW)*		
				9°-32° *(AS)* Assymetric		

Ordering Code Example: *CLICK IT LS15-30C-80-MD-BL-DL*





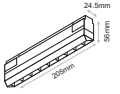
CLICK IT LINEAR WASH 14W

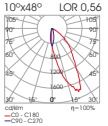
- L90/B10 50.000h
- 3 SDCM

CREE LEDs

Model (LED Power)	CCT	CRI80 *LED Source*	CRI90 *LED Source*	Beam Angle	Colour	Dimming Option
		80 *(80)*	90 *(90)*			
CLICK IT LINEAR WASH 14W *(CLICK IT LW14)*	2700K *(27C)*	*1250lm*	*1026lm*	10°x48° *(1048)*	White *(WH)*	42V PWM Dimmable *(DM)*
	3000K *(30C)*	*1332lm*	*1098lm*		Black *(BL)*	48V DALI Dimmable *(DL)*
	4000K *(40C)*	*1404lm*	*1250lm*			
	5000K *(50C)*	*1404lm*	*1250lm*			

Ordering Code Example: *CLICK IT LW14-30C-80-1048-BL-DM*





CLICK IT AMBIENT 35W

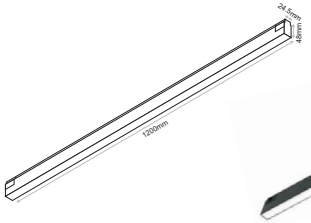
- L90/B10 50.000h
- 3 SDCM

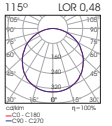
LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
		CRI80					
CLICK IT AMBIENT 34.6W *(CLICK IT A35)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)* 5000K *(50B)*	*5525lm* *5860lm* *6165lm* *6165lm*	Fixed *(FX)*	80 *(80)*	115° *(115)*	White *(WH)* Black *(BL)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*

* Available also in CRI90 upon request.

Ordering Code Example: *CLICK IT A35-30B-FX-80-115-WH-DL*





CLICK IT AMBIENT 25W

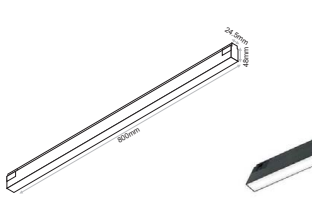
- L90/B10 50.000h
- 3 SDCM

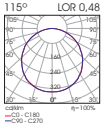
LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
		CRI80					
CLICK IT AMBIENT 24.8W *(CLICK IT A25)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)* 5000K *(50B)*	*3960lm* *4200lm* *4440lm* *4440lm*	Fixed *(FX)*	80 *(80)*	115° *(115)*	White *(WH)* Black *(BL)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*

* Available also in CRI90 upon request.

Ordering Code Example: *CLICK IT A25-30B-FX-80-115-WH-DL*





CLICK IT AMBIENT 12W

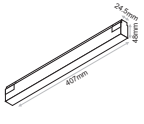
- L90/B10 50.000h
- 3 SDCM

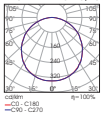
LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
		CRI80					
CLICK IT AMBIENT 12.4W *(CLICK IT A12)*	2700K *(27B)*	*1980lm*	Fixed *(FX)*	80 *(80)*	115° *(115)*	White *(WH)*	42V PWM Dimmable *(DM)*
	3000K *(30B)*	*2100lm*				Black *(BL)*	48V DALI Dimmable *(DL)*
	4000K *(40B)*	*2220lm*					
	5000K *(50B)*	*2220lm*					

* Available also in CRI90 upon request.

Ordering Code Example: *CLICK IT A12-30B-FX-80-115-WH-DL*





CLICK IT AMBIENT 9W

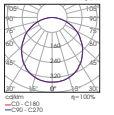
- L90/B10 50.000h
- 3 SDCM

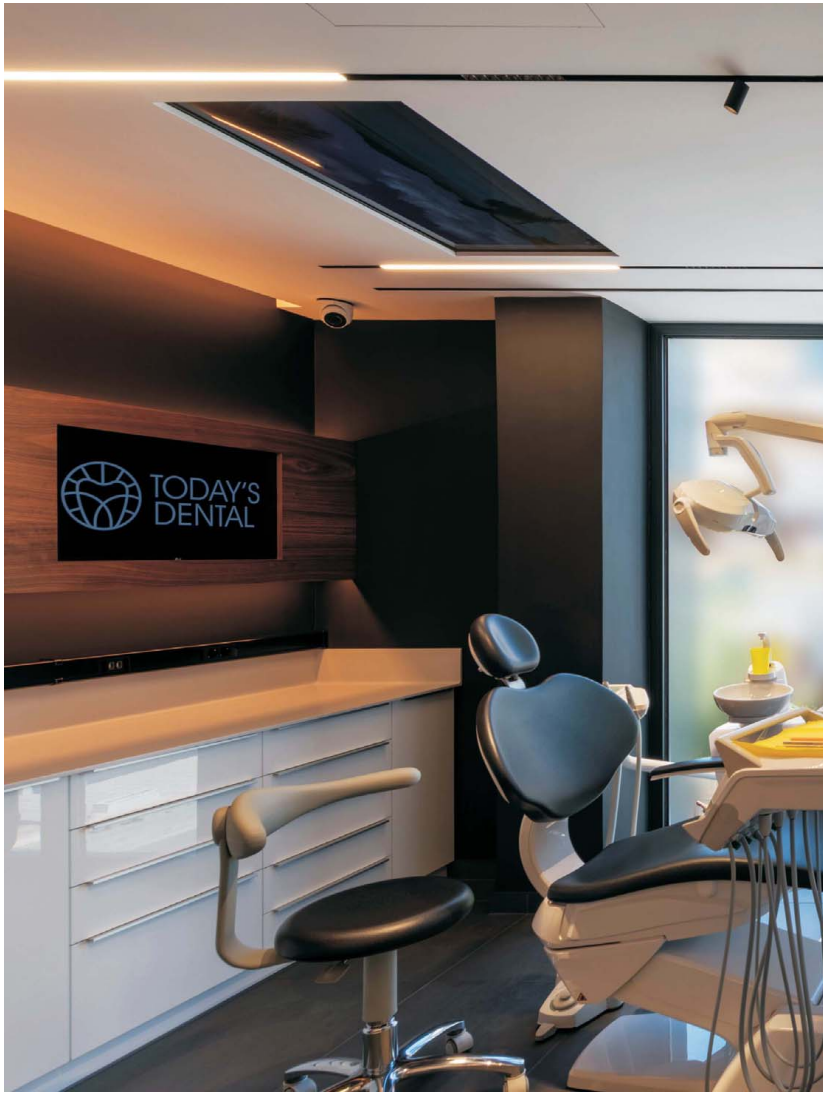
LIGHTSOURCE BY bridgelux.

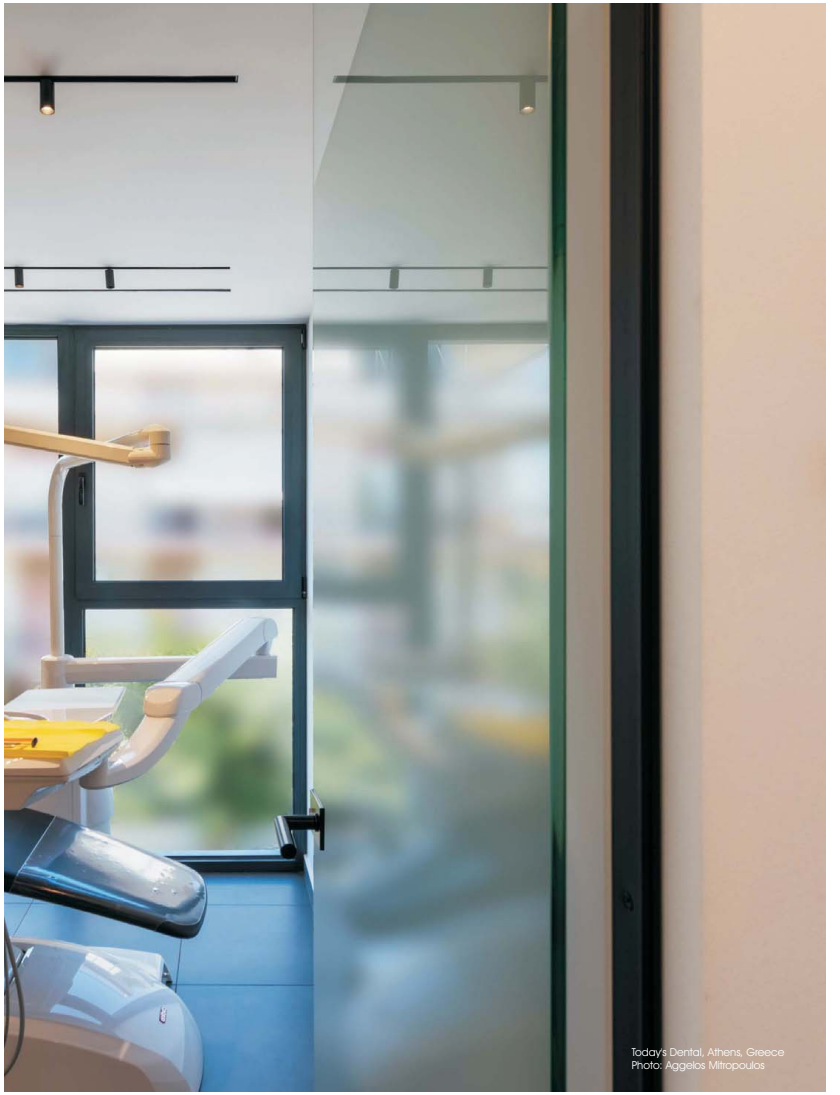
Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
		CRI80					
CLICK IT AMBIENT 9.2W *(CLICK IT A9)*	2700K *(27B)*	*990lm*	Fixed *(FX)*	80 *(80)*	115° *(115)*	White *(WH)*	42V PWM Dimmable *(DM)*
	3000K *(30B)*	*1050lm*				Black *(BL)*	48V DALI Dimmable *(DL)*
	4000K *(40B)*	*1110lm*					
	5000K *(50B)*	*1110lm*					

* Available also in CRI90 upon request.

Ordering Code Example: *CLICK IT A9-30B-FX-80-115-WH-DL*







Today's Dental, Athens, Greece
Photo: Aggelos Mitropoulos

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS · 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

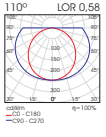
CLICK IT TUBE 30W

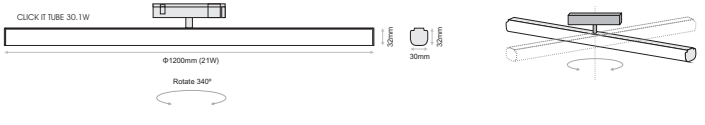
- L90/B10 50.000h
- 3 SDCM

LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Length	Dimming Option
		CRI90					
CLICK IT TUBE 30.1W *(CLICK IT T30)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)* 5000K *(50B)*	*3189lm* *3420lm* *3690lm* *3690lm*	Adjustable *(AD)*	90 *(90)*	110° *(110)*	1200mm *(1200)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*

Ordering Code Example: *CLICK IT T30-30B-AD-90-110-1200-DL*





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ELECTRON

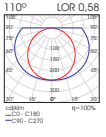
CLICK IT TUBE 23W

- L90/B10 50.000h
- 3 SDCM

LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Length	Dimming Option
		CRI90					
CLICK IT TUBE 22.7W *(CLICK IT T23)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)* 5000K *(50B)*	*1843lm* *1976lm* *2132lm* *2132lm*	Adjustable *(AD)*	90 *(90)*	110° *(110)*	800mm *(800)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*

Ordering Code Example: *CLICK IT T23-30B-AD-90-110-800-DL*



ELECTRON

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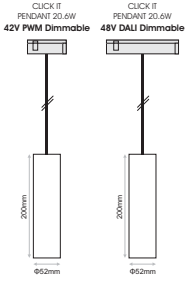
CLICK IT PENDANT 21W

- L90/B10 50.000h
- 3 SDCM

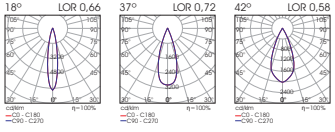


CREE LEDs

Model (LED Power)	CCT	CRI80* LED Source	Beam Angle	Colour	Dimming Option	Accessories
		80 *(80)*				
CLICK IT PENDANT 20.6W *(CLICK IT PD21)*	2700K *(27C)*	*2147lm*	18° *(18)*	White *(WH)*	42V PWM Dimmable *(DMI)*	Standard *(0X)*
	3000K *(30C)*	*2309lm*	37° *(37)*	Black *(BL)*	48V DALI Dimmable *(DL)*	Honeycomb *(1X)*
	4000K *(40C)*	*2379lm*	42° *(42)*			Line spread lens *(2X)*
	5000K *(50C)*	*2309lm*				Softening lens *(3X)*
						↓ *(XX)*
						EXTRAS
						No Extras *(X0)*
						Snoot Black *(X1)*
						Half Snoot Black *(X2)*
						Frosted Cover *(X3)*

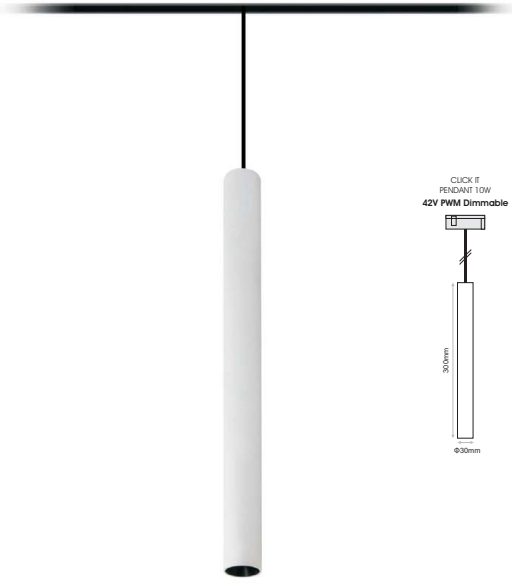
* Available also in CRI90 upon request.

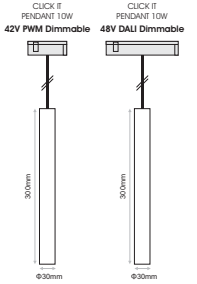
Ordering Code Example: *CLICK IT PD21-30C-80-37-WH-DL-00*



CLICK IT PENDANT 10W

- L90/B10 50.000h
- 3 SDCM



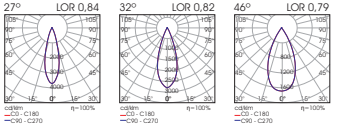


CREE LEDs

Model (LED Power)	CCT	CRI80* LED Source	Beam Angle	Colour	Dimming Option
		80 *(80)*			
CLICK IT PENDANT 10W *(CLICK IT PD10)*	2700K *(27C)*	*767lm*	27° *(27)*	White *(WH)*	42V PWM Dimmable *(DMI)*
	3000K *(30C)*	*823lm*	32° *(32)*	Black *(BL)*	48V DALI Dimmable *(DL)*
	4000K *(40C)*	*888lm*	46° *(46)*		
	5000K *(50C)*	*888lm*			

* Available also in CRI90 upon request.

Ordering Code Example: *CLICK IT PD10-30C-80-32-WH-DL*



CLICK IT SPHERE SPOT 5W

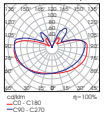
- L90/B10 50.000h
- 3 SDCM

LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
		CRI80					
CLICK IT SPHERE SPOT 4.5W *(CLICK IT SPH SP5)*	2700K *(27B)* 3000K *(30B)*	348lm 374lm	Fixed *(FX)*	80 *(80)*	180° *(180)*	Black *(BL)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*

* Available also in 4000K & 5000K upon request.

Ordering Code Example: *CLICK IT SPH SP5-30B-FX-80-180-BL-DL*



CLICK IT SPHERE PENDANT 5W

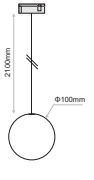
- L90/B10 50.000h
- 3 SDCM

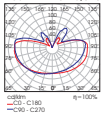
LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
		CRI80					
CLICK IT SPHERE PENDANT 4.5W *(CLICK IT SPH PD5)*	2700K *(27B)* 3000K *(30B)*	348lm 374lm	Fixed *(FX)*	80 *(80)*	180° *(180)*	Black *(BL)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*

* Available also in 4000K & 5000K upon request.

Ordering Code Example: *CLICK IT SPH PD5-30B-FX-80-180-BL-DL*



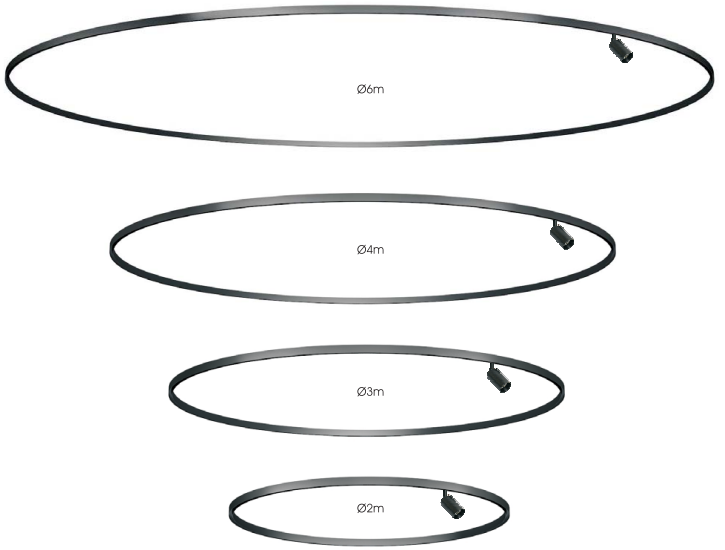


CLICK IT ROUND

- CLICK IT ROUND is an elegant slim system ideal for highly demanding architectural spaces.
- It is available in surface or pendant .
- 48V PWM Dimmable.
- Track max amperage 16A.

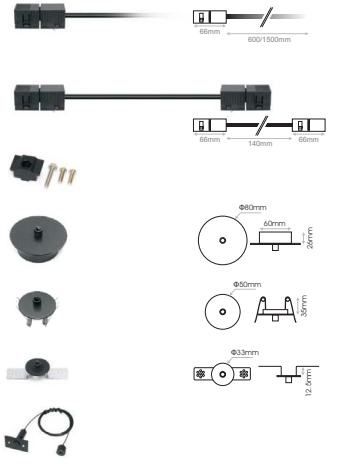
Click It Round **Surface** / **Pendant** Track

Code	Model	Diameter	Colour
CLK.159	Click It Round Surface Track	Ø2m	Black
CLK.160	Click It Round Surface Track	Ø3m	Black
CLK.161	Click It Round Surface Track	Ø4m	Black
CLK.162	Click It Round Surface Track	Ø6m	Black
CLK.155	Click It Round Surface Track	Ø2m	White
CLK.156	Click It Round Surface Track	Ø3m	White
CLK.157	Click It Round Surface Track	Ø4m	White
CLK.158	Click It Round Surface Track	Ø6m	White



ACCESSORIES
for CLICK IT Round System

Code	Description	Colour
CLK.177	Live End with 1,5m cable	Black
CLK.178	Live End with 1,5m cable	White
CLK.179	Live End with 0,6m cable	Black
CLK.180	Live End with 0,6m cable	White
CLK.181	Adjustable Live Connector for track	Black
CLK.182	Adjustable Live Connector for track	White
CLK.183	Connector / surface mounted accessory	Black
CLK.184	Connector / surface mounted accessory	White
PRH.082	Canopy Surface BLACK	Black
PRH.039	Canopy Surface WHITE	White
PRH.083	Canopy Recessed BLACK	Black
PRH.040	Canopy Recessed WHITE	White
PRH.084	Canopy Trimless BLACK	Black
PRH.041	Canopy Trimless WHITE	White
ACC.185	Ceiling Suspension Installation 1.5m	Black
ACC.186	Ceiling Suspension Installation 1.5m	White



CLICK IT CURVED SPOT 14W & 7W

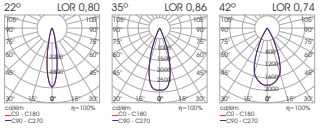
- L90/B10 50.000h
- 3 SDCM

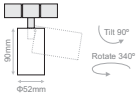
CREE LEDs

Model (LED Power)	CCT	CRI80* LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)					
CLICK IT CURVED SPOT 13.5W (CLICK IT CS14)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1670lm 1670lm 1796lm 1796lm	22° (22) 35° (35) 42° (42)	Adjustable (AD)	White (WH) Black (BL)	48V PWM Dimmable (DM)	Standard (0X) Honeycomb (1X) Line spread lens (2X) Softening lens (3X) (XX) EXTRAS No Extras (X0) Snoot Black (X1) Half Snoot Black (X2) Frosted Cover (X3)
CLICK IT CURVED SPOT 7.1W (CLICK IT CS7)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	890lm 890lm 958lm 958lm					

* Available also in CRI90 upon request.

Ordering Code Example: CLICK IT CS14-30C-80-42-AD-BL-DM-00





CLICK IT CURVED SPOT 4W

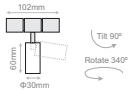
- L90/B10 50.000h
- 3 SDCM

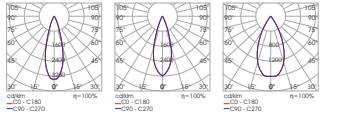
CREE LEDs

Model (LED Power)	CCT	CRI80* LED Source	Beam Angle	Type	Colour	Dimming Option
		80 (80)				
CLICK IT CURVED SPOT 4.3W (CLICK IT CS4)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	427lm 427lm 461lm 461lm	27° (27) 32° (32) 46° (46)	Adjustable (AD)	White (WH) Black (BL)	48V PWM Dimmable (DM)

* Available also in CRI90 upon request.

Ordering Code Example: CLICK IT CS4-30C-80-46-AD-BL-DM





NANO SYSTEM

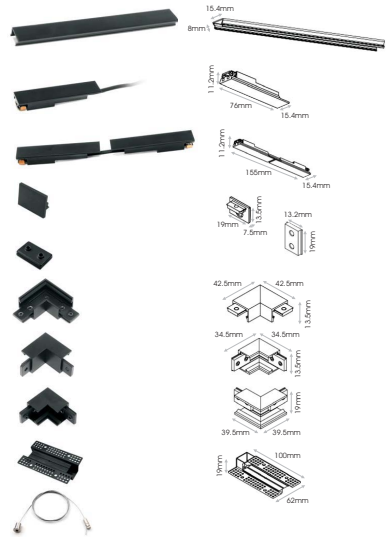
- Nano is a new miniaturized system suitable for highly demanding spaces.
- The system is suitable for surface, pendant and trimless application.
- Flexibility and easiness in the repositioning of the luminaires.
- It is offered with a variety of accessories.
- Nano system includes: Nano spots, Nano linear spots and Nano linear ambient luminaires.
- Maximum load per system: 80W
- The system is offered 48V PWM Dimmable.

NANO **Surface** Track

Code	Model	Length	Colour
NAN.001	NANO Surface Track	2m	Black
NAN.002	NANO Surface Track	3m	Black
NAN.003	NANO Surface Track	2m	White
NAN.004	NANO Surface Track	3m	White

ACCESSORIES for NANO System

Code	Description	Colour
NAN.005	Black Cover 2m	Black
NAN.006	Black Cover 3m	Black
NAN.007	White Cover 2m	White
NAN.008	White Cover 3m	White
NAN.009	Live End with 0.3m cable	Black
NAN.010	Live End with 0.3m cable	White
NAN.011	Adjustable Live Connector for track	Black
NAN.012	Adjustable Live Connector for track	White
NAN.013	End Cap	Black
NAN.014	End Cap	White
NAN.015	Extension Line Connector	Black
NAN.016	Extension Line Connector	White
NAN.017	L CORNER Surface Ceiling to Ceiling	Black
NAN.018	L CORNER Surface Ceiling to Ceiling	White
NAN.019	L CORNER Surface Ceiling to Wall OUT	Black
NAN.020	L CORNER Surface Ceiling to Wall OUT	White
NAN.021	L CORNER Surface Ceiling to Wall IN	Black
NAN.022	L CORNER Surface Ceiling to Wall IN	White
NAN.023	Accessory for Trimless Installation	Black
NAN.024	Accessory for Trimless Installation	White
ACC.086	Ceiling Suspension Installation 1,5m	
ACC.233	Ceiling Suspension Installation 3m	



NANO SPOT 4W & 6W

- L90/B10 50.000h
- 3 SDCM

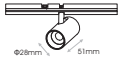
CREE LEDs

Model (LED Power)	Watt	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
NANO SPOT *(NANO SP)*	3.8W *(04)*	2700K *(27C)*	*460lm*	*370lm*	28° *(28)*	Adjustable *(AD)*	White *(WH)*	48V DALI Dimmable *(DL)*
		3000K *(30C)*	*460lm*	*400lm*	38° *(38)*		Black *(BL)*	48V Wireless Dimmable* *(WL)*
		4000K *(40C)*	*500lm*	*430lm*	50° *(50)*			
		5000K *(50C)*	*500lm*	*460lm*				
	5.5W *(06)*	2700K *(27C)*	*670lm*	*540lm*				
		3000K *(30C)*	*670lm*	*575lm*				
		4000K *(40C)*	*720lm*	*625lm*				
		5000K *(50C)*	*720lm*	*670lm*				

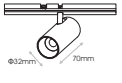
* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *NANO SP-04-30C-90-38-AD-WH-DL*

3.8W



5.5W



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NANO SPOT RD 7W

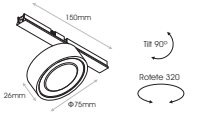
- L90/B10 50.000h
- 3 SDCM

CREE LEDs

Model (LED Power)	Watt	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
NANO SPOT ROUND *(NANO SP RD)*	6.7W *(07)*	2700K *(27C)*	*820lm*	*660lm*	13° *(13)*	Adjustable *(AD)*	White *(WH)*	48V DALI Dimmable *(DL)*
		3000K *(30C)*	*820lm*	*705lm*	20° *(20)*		Black *(BL)*	48V Wireless Dimmable* *(WL)*
		4000K *(40C)*	*885lm*	*760lm*	35° *(35)*			
		5000K *(50C)*	*885lm*	*820lm*	48° *(48)*			
					60° *(60)*			

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *NANO SP RD-07-30C-90-48-AD-BL-DM*



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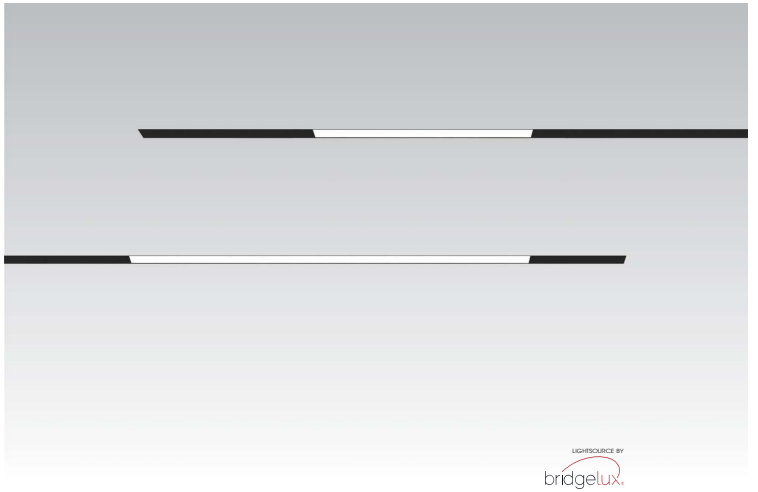
NANO AMBIENT 7W & 13W

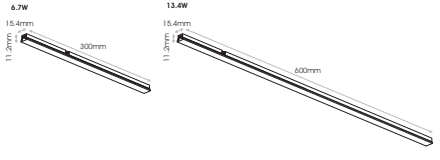
- L90/B10 50.000h
- 3 SDCM



Model (LED Power)	Watt	CCT	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			90 *(90)*				
NANO AMBIENT *(NANO A)*	6.7W *(07)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)* 5000K *(50B)*	*615lm* *620lm* *630lm* *630lm*	115° *(115)*	Fixed *(FX)*	White *(WH)* Black *(BL)*	48V DALI Dimmable *(DL)* 48V Wireless Dimmable* *(WL)*
	13.4W *(13)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)* 5000K *(50B)*	*1030lm* *1040lm* *1060lm* *1060lm*				

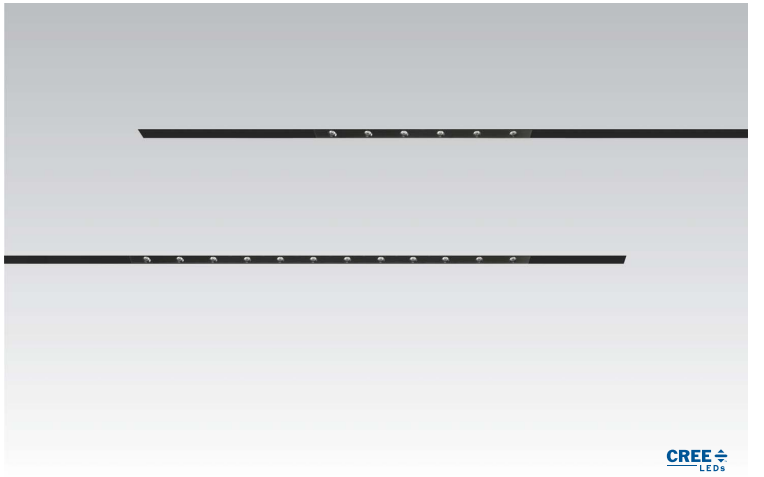
* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *NANO A-13-30B-90-115-FX-BL-DM*



NANO LINEAR SPOT 5W & 10W

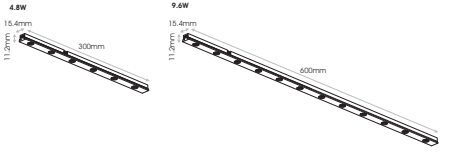
- L90/B10 50.000h
- 3 SDCM



Model (LED Power)	Watt	CCT	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			90 *(90)*				
NANO LINEAR SPOT *(NANO LS)*	4.8W *(05)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*460lm* *460lm* *470lm* *480lm*	33° *(33)*	Fixed *(FX)*	White *(WH)* Black *(BL)*	48V DALI Dimmable *(DL)* 48V Wireless Dimmable* *(WL)*
	9.6W *(10)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*920lm* *920lm* *960lm* *970lm*				

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *NANO LS-10-30C-90-33-FX-BL-DM*



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INTERIOR SPOTLIGHTS

ELECTRON

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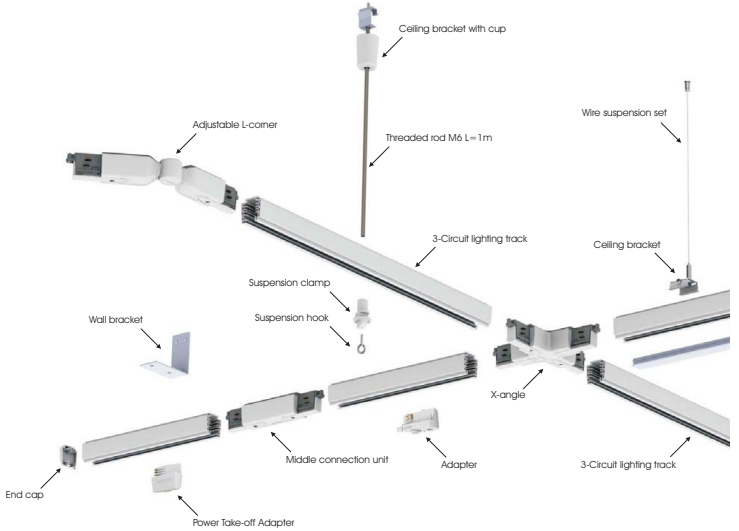
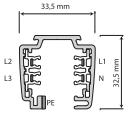
TRACK SYSTEM

- 3-circuit track system available in white, black and grey colour.
- Available in 3 different lengths.
- Available for surface or recessed installation.
- Available accessories in white, black and grey colour.



3-Circuit lighting track, Surface



Code	Model	Length	Colour
TRA.001	3-Circuit lighting track, Surface	2m	White
TRA.002	3-Circuit lighting track, Surface	3m	White
TRA.003	3-Circuit lighting track, Surface	4m	White
TRA.004	3-Circuit lighting track, Surface	2m	Grey
TRA.005	3-Circuit lighting track, Surface	3m	Grey
TRA.006	3-Circuit lighting track, Surface	4m	Grey
TRA.007	3-Circuit lighting track, Surface	2m	Black
TRA.008	3-Circuit lighting track, Surface	3m	Black
TRA.009	3-Circuit lighting track, Surface	4m	Black

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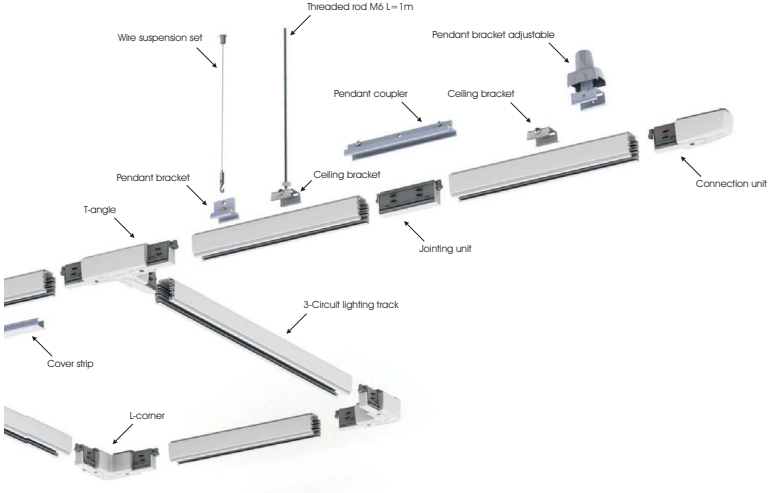
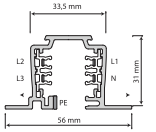


3-Circuit lighting track, Recessed

Code	Model	Length	Colour
TRA.010	3-Circuit lighting track, Recessed	2m	White
TRA.011	3-Circuit lighting track, Recessed	3m	White
TRA.012	3-Circuit lighting track, Recessed	4m	White
TRA.013	3-Circuit lighting track, Recessed	2m	Grey
TRA.014	3-Circuit lighting track, Recessed	3m	Grey
TRA.015	3-Circuit lighting track, Recessed	4m	Grey
TRA.016	3-Circuit lighting track, Recessed	2m	Black
TRA.017	3-Circuit lighting track, Recessed	3m	Black
TRA.018	3-Circuit lighting track, Recessed	4m	Black



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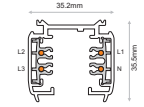
Accessories

Code	Description	Colour
Power supply (end feed)		
TRA.031	Connection unit A	White
TRA.032	Connection unit B	White
TRA.033	Connection unit A	Grey
TRA.034	Connection unit B	Grey
TRA.035	Connection unit A	Black
TRA.036	Connection unit B	Black
Middle connection (middle feed)		
TRA.037	Middle connection unit	White
TRA.038	Middle connection unit	Grey
TRA.039	Middle connection unit	Black
Jointing (multicolour)		
TRA.040	Jointing unit	White
TRA.041	Jointing unit	Grey
TRA.042	Jointing unit	Black
90° corner (feed)		
TRA.043	L-corner	White
TRA.044	L-corner	Grey
TRA.045	L-corner	Black
Adjustable corner		
TRA.046	Adjustable L-corner	White
TRA.047	Adjustable L-corner	Grey
TRA.048	Adjustable L-corner	Black
T-connector (feed)		
TRA.049	T-angle A	White
TRA.050	T-angle B	White
TRA.051	T-angle C	White
TRA.052	T-angle D	White
TRA.053	T-angle A	Grey
TRA.054	T-angle B	Grey
TRA.055	T-angle C	Grey
TRA.056	T-angle D	Grey
TRA.057	T-angle A	Black
TRA.058	T-angle B	Black
TRA.059	T-angle C	Black
TRA.060	T-angle D	Black
X-conector (feed)		
TRA.061	X-angle	White
TRA.062	X-angle	Grey
TRA.063	X-angle	Black
3 Phase Adapter		
TRA.097	3 Phase Adapter	White
TRA.098	3 Phase Adapter	Black
TRA.099	3 Phase Adapter	Grey
End cap		
TRA.064	End cap	White
TRA.065	End cap	Grey
TRA.066	End cap	Black
Cover plate		
TRA.067	Cover plate	White
TRA.068	Cover plate	Grey
TRA.069	Cover plate	Black
Ceiling adapter		
TRA.118	Ceiling adapter	Black
TRA.119	Ceiling adapter	White

Code	Description	Colour
Track suspension parts		
TRA.070	Ceiling bracket	White
TRA.071	Ceiling bracket	Grey
TRA.072	Ceiling bracket	Black
TRA.073	Wire suspension set 1,5 m adjustable	
TRA.074	Wire suspension set 4 m adjustable	
TRA.117	Wire suspension set 4 m adjustable	Black
TRA.075	Threaded rod M6 L=1m	
TRA.076	Extension nut for threaded rod M6	
TRA.077	Tube for rod, white	
TRA.078	Nut for threaded rod M6	
TRA.079	Pendant bracket adjustable	White
TRA.080	Pendant bracket adjustable	Grey
TRA.081	Pendant bracket adjustable	Black
TRA.082	Pendant bracket	White
TRA.083	Pendant bracket	Grey
TRA.084	Pendant bracket	Black
TRA.085	Pendant coupler	White
TRA.086	Pendant coupler	Grey
TRA.087	Pendant coupler	Black
TRA.088	Ceiling bracket with cup	White
TRA.089	Ceiling bracket with cup	Black
TRA.090	Wall bracket	White
TRA.091	Wall bracket	Black
TRA.092	Suspension clamp	White
TRA.093	Suspension clamp	Black
TRA.094	Suspension hook	
TRA.095	Cover strip L=2m	White
TRA.096	Cover strip L=2m	Black
TRA.100	Locker	White
TRA.101	Locker	Black
TRA.102	Locker	Grey
TRA.103	AL-Nipple M10 Rotating, Thread 8mm	
TRA.104	AL-Nipple M10 Rotating, Thread 8mm	
TRA.105	Installation tool	
TRA.106	Cable clamp	
TRA.107	Counter Nut	
TRA.108	Power Take-off Adapter	White
TRA.109	Power Take-off Adapter	Black
TRA.110	Power Take-off Adapter	Grey
TRA.111	Adapter with logo	White
TRA.112	Adapter with logo	Black
TRA.113	Adapter with logo	Grey

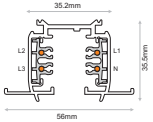
3-CIRCUIT / 3-CIRCUIT DALI
Track System

- 3-Circuit Track System & 3-Circuit DALI Track System.
- Available for surface mounted or recessed application, the same accessories may be used.
- Available in White, Grey or Black colour.
- Variety of accessories offer solutions for any architectural spaces.



3-Circuit Surface Track

Code	Model	Length	Colour
TRA.500	3-Circuit Surface track	1m	White
TRA.503	3-Circuit Surface track	2m	White
TRA.506	3-Circuit Surface track	3m	White
TRA.501	3-Circuit Surface track	1m	Grey
TRA.504	3-Circuit Surface track	2m	Grey
TRA.507	3-Circuit Surface track	3m	Grey
TRA.502	3-Circuit Surface track	1m	Black
TRA.505	3-Circuit Surface track	2m	Black
TRA.508	3-Circuit Surface track	3m	Black



3-Circuit Recessed Track

Code	Model	Length	Colour
TRA.509	3-Circuit Recessed track	1m	White
TRA.512	3-Circuit Recessed track	2m	White
TRA.515	3-Circuit Recessed track	3m	White
TRA.510	3-Circuit Recessed track	1m	Grey
TRA.513	3-Circuit Recessed track	2m	Grey
TRA.516	3-Circuit Recessed track	3m	Grey
TRA.511	3-Circuit Recessed track	1m	Black
TRA.514	3-Circuit Recessed track	2m	Black
TRA.517	3-Circuit Recessed track	3m	Black

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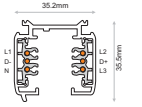
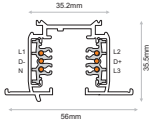
3-Circuit DALI Surface Track

Code	Model	Length	Colour
TRA.590	3-Circuit DALI Surface track	1m	White
TRA.593	3-Circuit DALI Surface track	2m	White
TRA.596	3-Circuit DALI Surface track	3m	White
TRA.591	3-Circuit DALI Surface track	1m	Grey
TRA.594	3-Circuit DALI Surface track	2m	Grey
TRA.597	3-Circuit DALI Surface track	3m	Grey
TRA.592	3-Circuit DALI Surface track	1m	Black
TRA.595	3-Circuit DALI Surface track	2m	Black
TRA.598	3-Circuit DALI Surface track	3m	Black



3-Circuit DALI Recessed Track

Code	Model	Length	Colour
TRA.599	3-Circuit DALI Recessed track	1m	White
TRA.602	3-Circuit DALI Recessed track	2m	White
TRA.605	3-Circuit DALI Recessed track	3m	White
TRA.600	3-Circuit DALI Recessed track	1m	Grey
TRA.603	3-Circuit DALI Recessed track	2m	Grey
TRA.606	3-Circuit DALI Recessed track	3m	Grey
TRA.601	3-Circuit DALI Recessed track	1m	Black
TRA.604	3-Circuit DALI Recessed track	2m	Black
TRA.607	3-Circuit DALI Recessed track	3m	Black



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Accessories
3-Circuits track system

	Code	Description	Colour
	TRA.518	Connector Left 3 CIRCUIT	White
	TRA.519	Connector Left 3 CIRCUIT	Grey
	TRA.520	Connector Left 3 CIRCUIT	Black
	TRA.521	Connector Right 3 CIRCUIT	White
	TRA.522	Connector Right 3 CIRCUIT	Grey
	TRA.523	Connector Right 3 CIRCUIT	Black
	TRA.524	Coupler 3 CIRCUIT	White
	TRA.525	Coupler 3 CIRCUIT	Grey
	TRA.526	Coupler 3 CIRCUIT	Black
	TRA.527	Coupler INSULATION 3 CIRCUIT	White
	TRA.528	Coupler INSULATION 3 CIRCUIT	Grey
	TRA.529	Coupler INSULATION 3 CIRCUIT	Black
	TRA.530	Middle Connector	White
	TRA.531	Middle Connector	Grey
	TRA.532	Middle Connector	Black
	TRA.533	END CAP	White
	TRA.534	END CAP	Grey
	TRA.535	END CAP	Black
	TRA.536	End cap recessed	White
	TRA.537	End cap recessed	Grey
	TRA.538	End cap recessed	Black
	TRA.539	Flexible connector	White
	TRA.540	Flexible connector	Grey
	TRA.541	Flexible connector	Black
	TRA.542	Adjustable connector	White
	TRA.543	Adjustable connector	Grey
	TRA.544	Adjustable connector	Black
	TRA.545	X Connector	White
	TRA.546	X Connector	Grey
	TRA.547	X Connector	Black
	TRA.548	Twisted L connector (L and R)	White
	TRA.549	Twisted L connector (L and R)	Grey
	TRA.550	Twisted L connector (L and R)	Black
	TRA.551	Twisted T connector L1->L2	White
	TRA.552	Twisted T connector L1->L2	Grey
	TRA.553	Twisted T connector L1->L2	Black

	Code	Description	Colour
	TRA.554	Twisted T connector R1->R2	White
	TRA.555	Twisted T connector R1->R2	Grey
	TRA.556	Twisted T connector R1->R2	Black
	TRA.557	L Connector Left	White
	TRA.558	L Connector Left	Grey
	TRA.559	L Connector Left	Black
	TRA.560	L Connector Right	White
	TRA.561	L Connector Right	Grey
	TRA.562	L Connector Right	Black
	TRA.563	T Connector Left1	White
	TRA.564	T Connector Left1	Grey
	TRA.565	T Connector Left1	Black
	TRA.566	T Connector Left2	White
	TRA.567	T Connector Left2	Grey
	TRA.568	T Connector Left2	Black
	TRA.569	T Connector Right1	White
	TRA.570	T Connector Right1	Grey
	TRA.571	T Connector Right1	Black
	TRA.572	T Connector Right2	White
	TRA.573	T Connector Right2	Grey
	TRA.574	T Connector Right2	Black
	TRA.575	Connector cover	White
	TRA.576	Connector cover	Grey
	TRA.577	Connector cover	Black
	TRA.578	T Connector cover	White
	TRA.579	T Connector cover	Grey
	TRA.580	T Connector cover	Black
	TRA.581	X Connector cover	White
	TRA.582	X Connector cover	Grey
	TRA.583	X Connector cover	Black
	TRA.584	Middle connector cover	White
	TRA.585	Middle connector cover	Grey
	TRA.586	Middle connector cover	Black
	TRA.587	L Connector cover	White
	TRA.588	L Connector cover	Grey
	TRA.589	L Connector cover	Black

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Accessories
3-Circuits DALI track system

	Code	Description	Colour
	TRA.608	Connector Left DALI 3 Circuit	White
	TRA.609	Connector Left DALI 3 Circuit	Grey
	TRA.610	Connector Left DALI 3 Circuit	Black
	TRA.611	Connector Right DALI 3 Circuit	White
	TRA.612	Connector Right DALI 3 Circuit	Grey
	TRA.613	Connector Right DALI 3 Circuit	Black
	TRA.614	Coupler DALI 3 Circuit	White
	TRA.615	Coupler DALI 3 Circuit	Grey
	TRA.616	Coupler DALI 3 Circuit	Black
	TRA.617	Middle connector DALI 3 Circuit	White
	TRA.618	Middle connector DALI 3 Circuit	Grey
	TRA.619	Middle connector DALI 3 Circuit	Black
	TRA.620	Flexible connector DALI 3 Circuit	White
	TRA.621	Flexible connector DALI 3 Circuit	Grey
	TRA.622	Flexible connector DALI 3 Circuit	Black
	TRA.623	X Connector DALI 3 Circuit	White
	TRA.624	X Connector DALI 3 Circuit	Grey
	TRA.625	X Connector DALI 3 Circuit	Black
	TRA.626	L Connector Left DALI 3 Circuit	White
	TRA.627	L Connector Left DALI 3 Circuit	Grey
	TRA.628	L Connector Left DALI 3 Circuit	Black
	TRA.629	L Connector Right DALI 3 Circuit	White
	TRA.630	L Connector Right DALI 3 Circuit	Grey
	TRA.631	L Connector Right DALI 3 Circuit	Black
	TRA.632	T Connector Left1 DALI 3 Circuit	White
	TRA.633	T Connector Left1 DALI 3 Circuit	Grey
	TRA.634	T Connector Left1 DALI 3 Circuit	Black
	TRA.635	T Connector Left2 DALI 3 Circuit	White
	TRA.636	T Connector Left2 DALI 3 Circuit	Grey
	TRA.637	T Connector Left2 DALI 3 Circuit	Black
	TRA.638	T Connector Right1 DALI 3 Circuit	White
	TRA.639	T Connector Right1 DALI 3 Circuit	Grey
	TRA.640	T Connector Right1 DALI 3 Circuit	Black
	TRA.641	T Connector Right2 DALI 3 Circuit	White
	TRA.642	T Connector Right2 DALI 3 Circuit	Grey
	TRA.643	T Connector Right2 DALI 3 Circuit	Black
	TRA.644	Connector cover DALI 3 Circuit	White
	TRA.645	Connector cover DALI 3 Circuit	Grey
	TRA.646	Connector cover DALI 3 Circuit	Black

Track suspension &
general accessories

	Code	Description	Colour
	TRA.680	Suspension connection clamp	White
	TRA.681	Suspension connection clamp	Grey
	TRA.682	Suspension connection clamp	Black
	TRA.683	Suspension Clamp for Track	White
	TRA.684	Suspension Clamp for Track	Grey
	TRA.685	Suspension Clamp for Track	Black
	TRA.686	Rod suspension	White
	TRA.687	Rod suspension	Grey
	TRA.688	Rod suspension	Black
	TRA.689	Wire suspension 5m G2	White
	TRA.690	Wire suspension 5m G2	Grey
	TRA.691	Wire suspension 5m G2	Black
	TRA.692	Wire suspension 5m	White
	TRA.693	Wire suspension 5m	Grey
	TRA.694	Wire suspension 5m	Black
	TRA.695	T Bar	White
	TRA.696	T Bar	Grey
	TRA.697	T Bar	Black
	TRA.698	Reinforcement plate with 5m wire	White
	TRA.699	Reinforcement plate with 5m wire	Grey
	TRA.700	Reinforcement plate with 5m wire	Black
	TRA.701	Mounting clamp	White
	TRA.702	Mounting clamp	Grey
	TRA.703	Mounting clamp	Black
	TRA.704	Fixing Bracket For Recessed Track	
	TRA.705	Wall clamp 9cm	White
	TRA.706	Wall clamp 9cm	Grey
	TRA.707	Wall clamp 9cm	Black
	TRA.708	Suspension hook	White
	TRA.709	Suspension hook	Grey
	TRA.710	Suspension hook	Black
	TRA.711	Track cover strip 3m	White
	TRA.712	Track cover strip 3m	Black
	TRA.713	Mechanical adapter	White
	TRA.714	Mechanical adapter	Grey
	TRA.715	Mechanical adapter	Black
	TRA.716	Fixed monopoint for track adapter	White
	TRA.717	Fixed monopoint for track adapter	Grey
	TRA.718	Fixed monopoint for track adapter	Black
	TRA.719	Fixed monopoint DALI for track adapter	White
	TRA.720	Fixed monopoint DALI for track adapter	Grey
	TRA.721	Fixed monopoint DALI for track adapter	Black
	TRA.722	Schuko adapter	White
	TRA.723	Schuko adapter	Black

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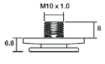
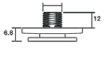
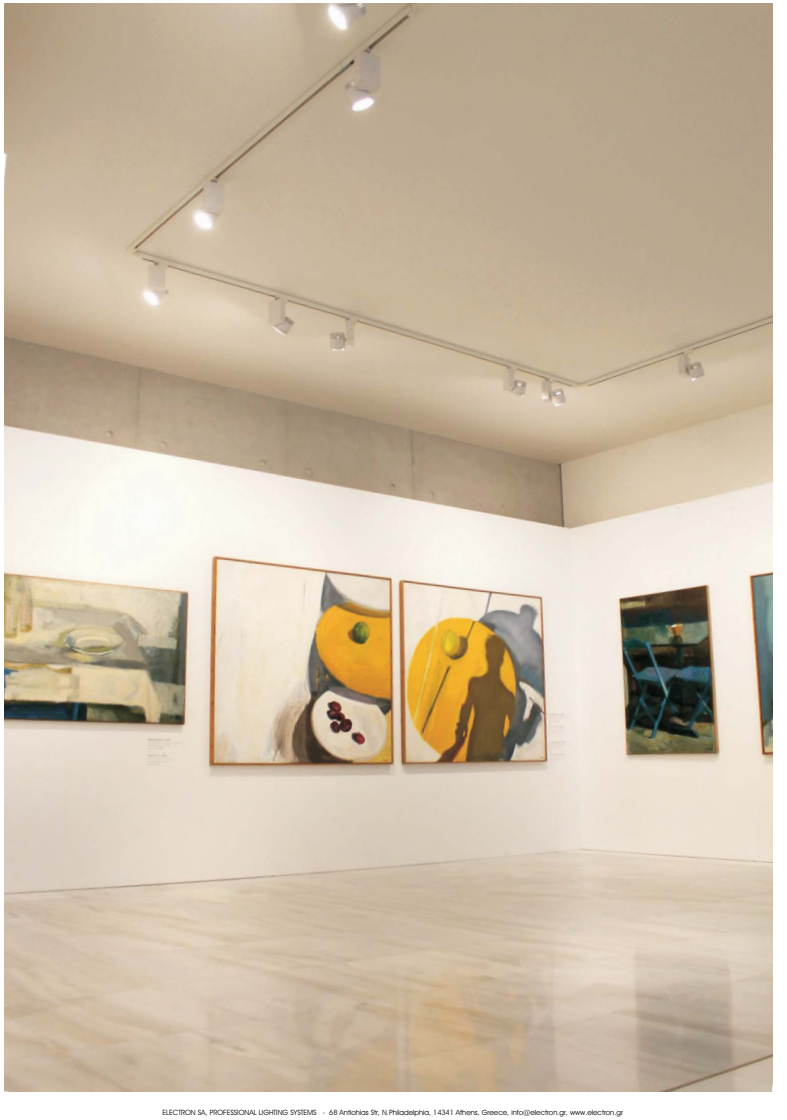
Adapters

	Code	Description	Colour
	TRA.724	Smart 3 circuits adapter	White
	TRA.725	Smart 3 circuits adapter	Grey
	TRA.726	Smart 3 circuits adapter	Black
	TRA.727	Classic 3 circuits adapter	White
	TRA.728	Classic 3 circuits adapter	Grey
	TRA.729	Classic 3 circuits adapter	Black
	TRA.730	Adapter DALI 3 Circuit	White
	TRA.731	Adapter DALI 3 Circuit	Grey
	TRA.732	Adapter DALI 3 Circuit	Black
	TRA.733	Adapter DALI 1 Circuit	White
	TRA.734	Adapter DALI 1 Circuit	Grey
	TRA.735	Adapter DALI 1 Circuit	Black
	**TRA.736**	Nipple M10x1.0 h8mm (complete ALU)	
	TRA.737	Nipple M10x1.0 h8mm (coloured ring)	White
	TRA.738	Nipple M10x1.0 h8mm (coloured ring)	Grey
	TRA.739	Nipple M10x1.0 h8mm (coloured ring)	Black
	TRA.740	Nipple M10x1.0 h12mm (complete ALU)	
	**TRA.741**	Nipple M10x1.0 h12mm (coloured ring)	White
	TRA.742	Nipple M10x1.0 h12mm (coloured ring)	Grey
	TRA.743	Nipple M10x1.0 h12mm (coloured ring)	Black
	TRA.744	Nipple M13x1.0 h12mm	
	TRA.745	PVC strain relief	White
	TRA.746	PVC strain relief	Grey
	TRA.747	PVC strain relief	Black
	TRA.748	PVC Nipple strain relief M10	White
	TRA.749	PVC Nipple strain relief M10	Grey
	TRA.750	PVC Nipple strain relief M10	Black
	TRA.751	Tool for smart 3 circuit adapter wiring	



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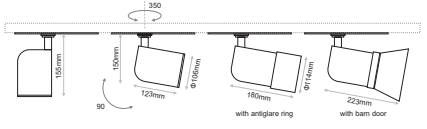
CALLISTO X

- Callisto series of indoor tracklights consists of three models. Callisto X is the largest model.
- Adjustable 350° on the horizontal plane & 90° on the verical plane.
- Available in White or Black Colour
- Available accessories: honeycomb, antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM



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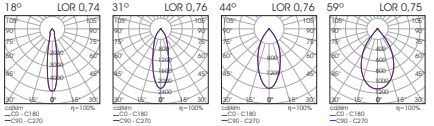
LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	CRI97 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)	97 (97)					
CALLISTO X 31.3W (CALLISTO X31)	2700K (278)	4510lm	3721lm	3298lm	18° (18)	Adjustable (AD)	White (WH)	Non-Dimmable (ND)	Standard (0X)
	3000K (308)	4792lm	3890lm	3524lm	31° (31)		Black (BL)	DALI (DL)	Honeycomb (1X)
	4000K (408)	4933lm	4115lm	-	44° (44)			Phase Cut** (PC) (Trailing Edge Dimmer)	(XX)
	5700K (578)	4792lm	-	-	59° (59)			Local Dimming** (LD)	***EXTRAS***
CALLISTO X 37.1W (CALLISTO X37)	2700K (278)	5199lm	4289lm	3802lm					No Extras (X0)
	3000K (308)	5524lm	4484lm	4062lm					Antiglare Ring Black (X1)
	4000K (408)	5687lm	4744lm	-					Antiglare Ring White (X2)
	5700K (578)	5524lm	-	-					Barn Door Black (X3)
									Barn Door White (X4)

* Available in 3500K, 5000K and 6500K upon request
**Available only for 31.3W version

Ordering Code Example:
CALLISTO X31-308-97-59-AD-BL-ND-11

18° LOR 0,74 | 31° LOR 0,76 | 44° LOR 0,76 | 59° LOR 0,75



Honeycomb | Antiglare Ring | Barn Door

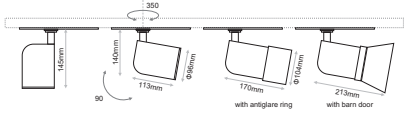
CALLISTO D

- Callisto series of indoor tracklights consists of three models. Callisto D is the intermediate model.
- Adjustable 350° on the horizontal plane & 90° on the verical plane.
- Available in White or Black Colour
- Available accessories: honeycomb, antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM

Honeycomb

Antiglare Ring

Barn Door



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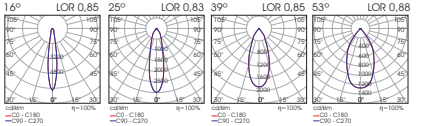
LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	CRI97 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)	97 (97)					
CALLISTO D 25.3W (CALLISTO D25)	2700K (278)	3384lm	2792lm	2475lm	16° (16)	Adjustable (AD)	White (WH)	Non-Dimmable (ND)	Standard (0) (X)
	3000K (308)	3593lm	2919lm	2644lm	25° (25)		Black (BL)	DALI (DL)	Honeycomb (1) (X)
	4000K (408)	3701lm	3088lm	-	39° (39)			Phase Cut (PC) (Trailing Edge Dimmer)	(XX)
	5700K (578)	3595lm	-	-	53° (53)			Local Dimming (LD)	**EXTRAS**
CALLISTO D 31.3W (CALLISTO D31)	2700K (278)	4510lm	3721lm	3298lm	23° (23)				No Extras (X0)
	3000K (308)	4792lm	3890lm	3524lm	31° (31)				Antiglare Ring Black (X1)
	4000K (408)	4933lm	4115lm	-	41° (41)				Antiglare Ring White (X2)
	5700K (578)	4792lm	-	-	53° (53)				Barn Door Black (X3)
									Barn Door White (X4)
Warm Dimmable		LED Source	CRI95						
CALLISTO D 30.6W Warm Dimmable (CALLISTO D WD30)	Warm Dimmable 1800K~3000K (1830lm)	2850lm	95 (95)		23° (23) 31° (31) 41° (41) 53° (53)			DALI (DL) Phase Cut (PC) (Trailing Edge Dimmer) Local Dimming (LD)	

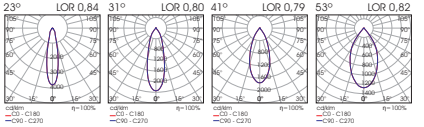
* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: *CALLISTO D25-408-90-25-AD-BL-ND-11*

CALLISTO D 25.3W



CALLISTO D 31.3W



Honeycomb

Antiglare Ring

Barn Door

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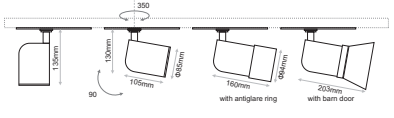
CALLISTO N

- Callisto series of indoor tracklights consists of three models. Callisto N is the smallest model.
- Adjustable 350° on the horizontal plane & 90° on the verical plane.
- Available in White or Black Colour
- Available accessories: honeycomb, antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM



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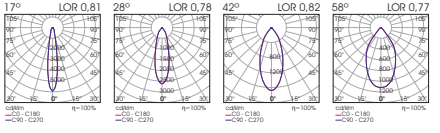
LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	CRI97 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)	97 (97)					
CALLISTO N 17.5W (CALLISTO N18)	2700K (27B)	2482lm	2048lm	1815lm	17° (17)	Adjustable (AD)	White (WH)	Non-Dimmable (ND)	Standard (**0**X)
	3000K (30B)	2637lm	2140lm	1939lm	28° (28)		Black (BL)	DALI (DL)	Honeycomb (**1**X)
	4000K (40B)	2714lm	2265lm	-	42° (42)			Phase Cut (trailing Edge Dimmer) (PC)	(XX)
	5700K (57B)	2637lm	-	-	58° (58)			Local Dimming (LD)	*EXTRAS*
CALLISTO N 25.3W (CALLISTO N25)	2700K (27B)	3384lm	2792lm	2475lm					No Extras (X**0**)
	3000K (30B)	3595lm	2919lm	2644lm					Antiglare Ring Black (X**1**)
	4000K (40B)	3701lm	3088lm	-					Antiglare Ring White (X**2**)
	5700K (57B)	3450lm	-	-					Barn Door Black (X**3**)
									Barn Door White (X**4**)
Warm Dimmable		*LED Source*	**CRI95**						
CALLISTO N 16.5W Warm Dimmable (CALLISTO N WD17)	Warm Dimmable 1800K~3000K (18308)	1520lm	95 (95)					DALI (DL)	
								Phase Cut (trailing Edge Dimmer) (PC)	
								Local Dimming (LD)	

* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: CALLISTO N18-27B-90-42-AD-WH-ND-02



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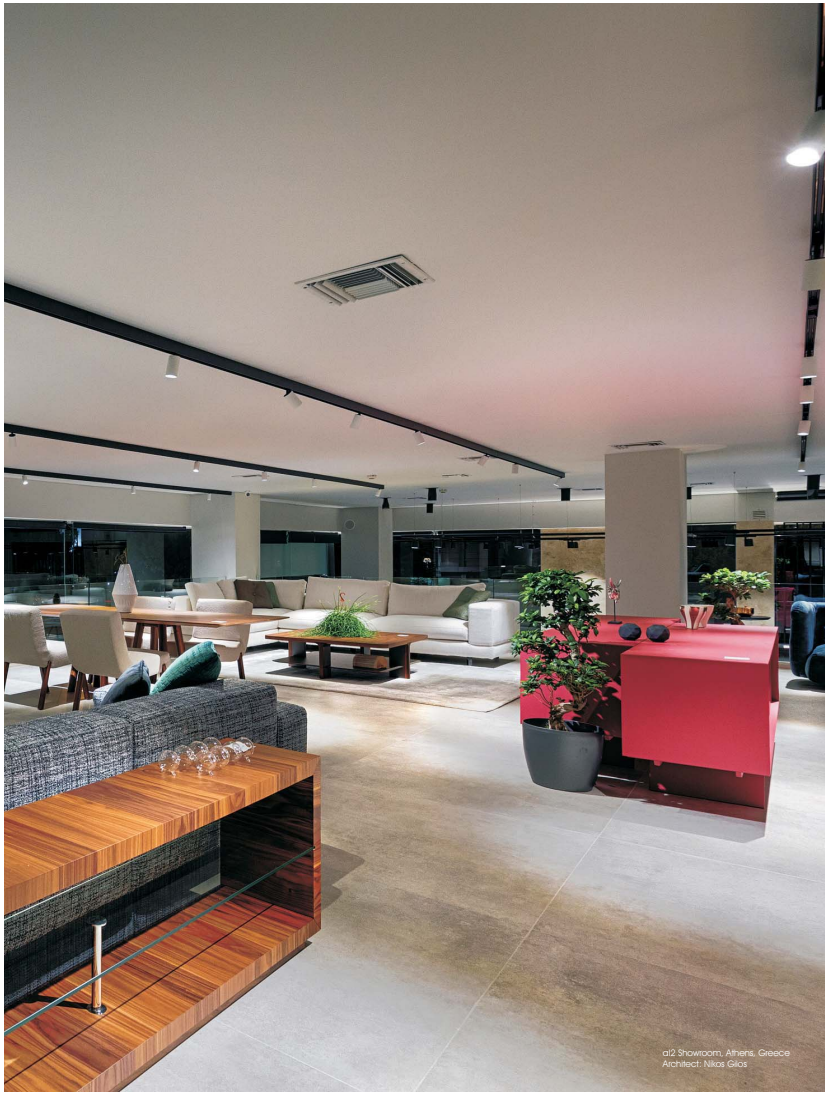

a|2 Showroom, Athens, Greece
Architect: Nikos Gkos

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RIENA X

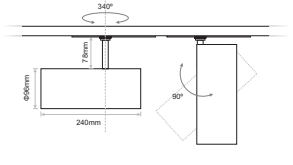
- Riena series of indoor tracklights consists of three models. Riena X is the largest model.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Available in White or Black Colour
- Available accessories: antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM

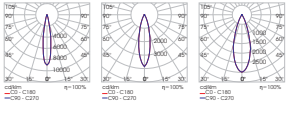
LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 *(80)*	90 *(90)*					
RIENA X 24.6W *(RIENA X25)*	2700K *(27B)*	*3380lm*	*2780lm*	18° *(18)*	Adjustable *(AD)*	White *(WH)*	Non-Dimmable *(ND)*	Standard *(00)*
	3000K *(30B)*	*3590lm*	*2910lm*	25° *(25)*		Black *(BL)*	DALI *(DL)*	Antiglare Ring Black *(01)*
	4000K *(40B)*	*3690lm*	*3080lm*	34° *(34)*			Phase Cut (Trailing Edge Dimmer) *(PC)*	Antiglare Ring White *(02)*
	5700K *(57B)*	*3590lm*	-				Local Dimming *(LD)*	Barn Door Black *(03)*
RIENA X 31.6W *(RIENA X32)*	2700K *(27B)*	*4340lm*	*3580lm*					Barn Door White *(04)*
	3000K *(30B)*	*4610lm*	*3740lm*					
	4000K *(40B)*	*4750lm*	*3960lm*					
	5700K *(57B)*	*4610lm*	-					

* Available in 3500K, 5000K, and 6500K upon request.

Ordering Code Example: *RIENA X25-40B-80-34-AD-WH-PC-04*





RIENA D

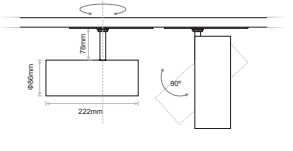
- Riena series of indoor tracklights consists of three models. Riena D is the intermediate model.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Available in White or Black Colour
- Available accessories: antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM

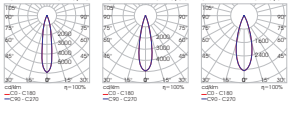
LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 *(80)*	90 *(90)*					
RIENA D 16.2W *(RIENA D16)*	2700K *(27B)*	*2190lm*	*1810lm*	18° *(18)*	Adjustable *(AD)*	White *(WH)*	Non-Dimmable *(ND)*	Standard *(00)*
	3000K *(30B)*	*2330lm*	*1890lm*	25° *(25)*		Black *(BL)*	DALI *(DL)*	Antiglare Ring Black *(01)*
	4000K *(40B)*	*2400lm*	*2000lm*	32° *(32)*			Phase Cut (Trailing Edge Dimmer) *(PC)*	Antiglare Ring White *(02)*
	5700K *(57B)*	*2330lm*	-				Local Dimming *(LD)*	Barn Door Black *(03)*
RIENA D 22.6W *(RIENA D23)*	2700K *(27B)*	*3070lm*	*2530lm*					Barn Door White *(04)*
	3000K *(30B)*	*3260lm*	*2640lm*					
	4000K *(40B)*	*3360lm*	*2800lm*					
	5700K *(57B)*	*3260lm*	-					

* Available in 3500K, 5000K, and 6500K upon request.

Ordering Code Example: *RIENA D23-40B-80-32-AD-WH-PC-04*





RIENA N

- Riena series of indoor tracklights consists of three models. Riena N is the smallest model.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Available in White or Black Colour
- Available accessories: antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM

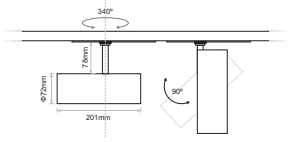
LIGHTSOURCE BY bridgelux.

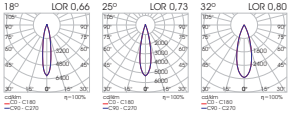
Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 *(80)*	90 *(90)*					
RIENA N 12.8W *(RIENA N13)*	2700K *(27B)*	*1680lm*	*980lm*	18° *(18)*	Adjustable *(AD)*	White *(WH)*	Non-Dimmable *(ND)*	Standard *(00)*
	3000K *(30B)*	*1780lm*	*1450lm*	25° *(25)*		Black *(BL)*	DALI *(DL)*	Antiglare Ring Black *(01)*
	4000K *(40B)*	*1840lm*	*1530lm*	32° *(32)*			Phase Cut (Trailing Edge Dimmer) *(PC)*	Antiglare Ring White *(02)*
	5700K *(57B)*	*1780lm*	-				Local Dimming *(LD)*	Barn Door Black *(03)*
								Barn Door White *(04)*
RIENA N 16.2W *(RIENA N16)*	2700K *(27B)*	*2190lm*	*1810lm*					
	3000K *(30B)*	*2330lm*	*1890lm*					
	4000K *(40B)*	*2400lm*	*2000lm*					
	5700K *(57B)*	*2330lm*	-					

* Available in 3500K, 5000K, and 6500K upon request.

Ordering Code Example: *RIENA N16-40B-80-32-AD-WH-PC-04*

Antiglare Ring | Barn Door





al2 Booth, Salone del Mobile, Milano
Architect: Nikos Gilos

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FERIA ZOOM X

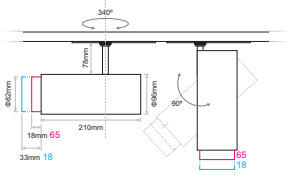
- Feria series of tracklights consists of four models. Feria Zoom X is the largest model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Adjustable beam angle: 18° (min) – 65°(max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

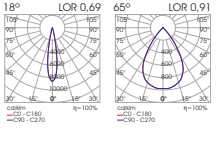
LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 (80)	90 (90)				
FERIA ZOOM X 32.3W (FERIA ZOOM X32)	2700K (27B)	4485lm	3701lm	Adjustable (1865) 18°(min)-65°(max)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND)
	3000K (30B)	4766lm	3868lm				DALI (DL)
	4000K (40B)	4906lm	4092lm				Phase Cut** (PC) (Trailing Edge Dimmer)
	5700K (57B)	4766lm	-				Local Dimming** (LD)
FERIA ZOOM X 38.3W (FERIA ZOOM X38)	2700K (27B)	5133lm	4236lm				
	3000K (30B)	5455lm	4428lm				
	4000K (40B)	5615lm	4684lm				
	5700K (57B)	5455lm	-				

* Available in 3500K, 5000K and 6500K upon request
** Available only for 32.3W version

Ordering Code Example: FERIA ZOOM X32-40B-80-1865-AD-BL-ND





Barn Door

Adjustable beam angle

FERIA ZOOM D

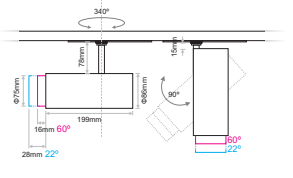
- Feria series of tracklights consists of four models. Feria Zoom D is the intermediate model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Adjustable beam angle: 22° (min) – 60°(max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

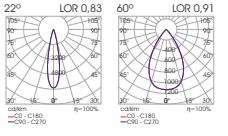
LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	CRI97 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 (80)	90 (90)	97 (97)				
FERIA ZOOM D 25.3W (FERIA ZOOM D25)	2700K (27B)	3384lm	2792lm	2475lm	Adjustable (2260) 22°(min)-60°(max)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND)
	3000K (30B)	3595lm	2919lm	2644lm				DALI (DL)
	4000K (40B)	3701lm	3088lm	-				Phase Cut (PC) (Trailing Edge Dimmer)
	5700K (57B)	3595lm	-	-				Local Dimming (LD)
FERIA ZOOM D 32.3W (FERIA ZOOM D32)	2700K (27B)	4485lm	3701lm	-				
	3000K (30B)	4766lm	3868lm	-				
	4000K (40B)	4906lm	4092lm	-				
	5700K (57B)	4766lm	-	-				

* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: FERIA ZOOM D25-40B-90-2260-AD-BL-ND





Barn Door

Adjustable beam angle

FERIA ZOOM N

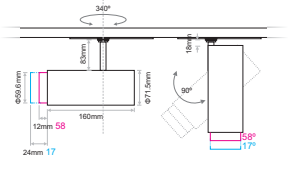
- Feria series of tracklights consists of four models. Feria Zoom N is the smallest model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Adjustable beam angle: 17° (min) – 58°(max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

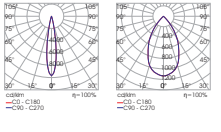
LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 *(80)*	90 *(90)*				
FERIA ZOOM N 17.7W *(FERIA ZOOM N18)*	2700K *(27B)*	*2302lm*	*1899lm*	Adjustable *(1758)* 17°(min)-58°(max)	Adjustable *(AD)*	White *(WH)*	Non-Dimmable *(ND)*
	3000K *(30B)*	*2445lm*	*1985lm*			Black *(BL)*	DALI *(DL)*
	4000K *(40B)*	*2518lm*	*2100lm*				Phase Cut *(PC)* (Trailing Edge Dimmer)
	5700K *(57B)*	*2445lm*	-				Local Dimming *(LD)*

* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: *FERIA ZOOM N18-40B-90-1758-AD-BL-ND*





Barn Door

Adjustable beam angle

17°(min) 58°(max)

FERIA F

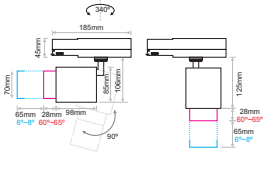
- Feria series of tracklights consists of four models. Feria F is the last model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Adjustable beam angle: 6° (min) – 60°(max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT*	CRI80 Beam Angle LED Source	CRI90 Beam Angle LED Source	CRI97 Beam Angle LED Source	Type	Colour	Dimming Option
		80 *(80)*	90 *(90)*	97 *(97)*			
		6° 60°	6° 60°	6° 60°			
FERIA F 17.7W *(FERIA F18)*	2700K *(27B)*	*460lm~1059lm*	*380lm~874lm*	*320lm~916lm*	Adjustable *(AD)*	White *(WH)*	Non-Dimmable *(ND)*
	3000K *(30B)*	*489lm~1125lm*	*397lm~913lm*	*341lm~978lm*		Black *(BL)*	DALI *(DL)*
	4000K *(40B)*	*504lm~1158lm*	*420lm~966lm*	-			Phase Cut *(PC)* (Trailing Edge Dimmer)
	5700K *(57B)*	*489lm~1125lm*	-	-			Local Dimming *(LD)*
		8° 65°	8° 65°	8° 65°			
FERIA F 25.3W *(FERIA F25)*	2700K *(27B)*	*575lm~1692lm*	*475lm~1396lm*	*421lm~1238lm*			
	3000K *(30B)*	*611lm~1798lm*	*496lm~1460lm*	*449lm~1322lm*			
	4000K *(40B)*	*629lm~1851lm*	*525lm~1544lm*	-			
	5700K *(57B)*	*611lm~1798lm*	-	-			

* Available in 3500K, 5000K and 6500K upon request.

Ordering Code Example: *FERIA F25-30B-90-AD-WH-DL*



Barn Door

Adjustable beam angle

60°max (17.7W)
65°max (25.3W)

6°min (17.7W)
8°min (25.3W)

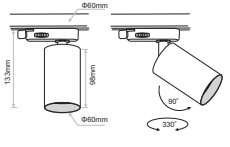
ADORNO TRACK Retrofit

- Adorno is an elegant tracklight suitable for GU10 LED lamps.
- Max 7,5 Watt (lamp not included).
- Housing: Powder coated aluminium.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: : honeycomb, linear spread lens, softening lens, spread lens.
- 3 circuit track adaptor

Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
ADORNO TRACK Retrofit *(ADORNO TRR)*	White-Black (WB) White-White (WW) White-Gold (WG) Black-Black (BB) Black-White (BW) Black-Gold (BG)	Adjustable *(AD)*	GU10 (max 7.5W) *(G1)*	Standard *(0)* Honeycomb *(1)* Linear Spread *(2)* Softening Lens *(3)* Spread Lens *(4)*

Lamp
Not included

Ordering Code Example:
ADORNO TRR-WB-AD-G1-1



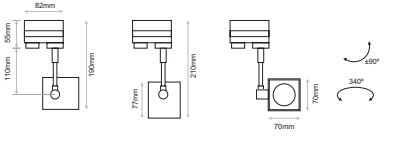
RIO L SQUARE

- Rio L is a tracklight with long bracket and square form suitable for GU10 LED lams.
- Max 50 Watt (lamp not included).
- Adjustable 340° on the horizontal plane & ±90° on the verical plane.
- Available only in White Colour.
- 3 circuit track adaptor.

Model	Colour	Type	Lamp Holder	Accessories
RIO L Square *(RIO L SQ)*	White (WH)	Adjustable *(AD)*	GU10 (max 50W) *(G1)*	Standard *(0)*

Lamp
Not included

Ordering Code Example:
RIO L SQ-WH-AD-G1-0



MANDI SYSTEM

- Mandi is a trimless system creating horizontal and vertical lines.
- Mandi luminaire is available in White or Black Colour.
- Mandi System accessories include: Corner, Internal & External set 90D, Corner U type , Extension Line, 90D Corner Extension.
- Installation box is not included.
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

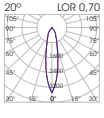
LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT*	LED Source CRI80	CRI90	CRI97	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
MANDI 12.2W *(MANDI 12)*	2700K *(27)*	1575lm	1313lm	-	Adjustable *(AD)*	80 *(80)*	20° *(20)*	White *(WH)*	Without Driver *(00)*	Standard *(0/)*
	3000K *(30)*	1657lm	1362lm	-		90 *(90)*	30° *(30)*	Black *(BL)*	Non-Dimmable *(ND)*	Diffuser *(1/)*
	4000K *(40)*	1706lm	1460lm	-		97 *(97)*			Analogue (1-10V) *(A1)*	Honeycomb *(2/)*
	5700K *(57)*	1788lm	-	-					DMX *(DX)*	
MANDI 12.5W *(MANDI 12)*	2700K *(27)*	-	-	1121lm					DALI *(DL)*	*(XX)*
	3000K *(30)*	-	-	1196lm					Push Button *(PB)*	
MANDI 17.1W *(MANDI 17)*	2700K *(27)*	2382lm	1985lm	-					Phase Cut *(PC)*	*EXTRAS*
	3000K *(30)*	2481lm	2060lm	-					Wireless ** *(WL)*	No Extras *(/0)*
	4000K *(40)*	2581lm	2209lm	-						Emergency Kit *(/1)*
	5700K *(57)*	2705lm	-	-						
MANDI 17.5W *(MANDI 17)*	2700K *(27)*	-	-	1660lm						
	3000K *(30)*	-	-	1783lm						

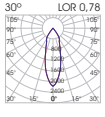
* Available in 3500K, 5000K and 6500K upon request
** The wireless dimming option includes driver and Bluetooth dimming accessory.

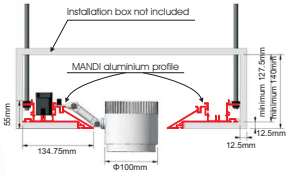
Ordering Code Example: *MANDI 17-30B-AD-80-30-BL-ND-00*

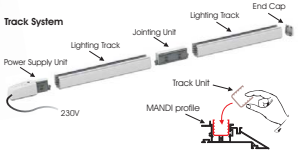
20° LOR 0,70



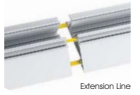
30° LOR 0,78





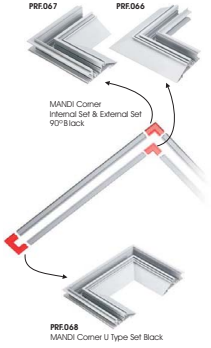


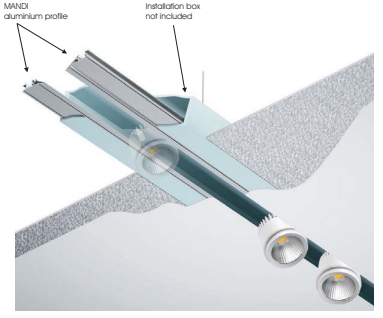
MANDI Aluminium Profile



Extension Line

90° Corner Extension





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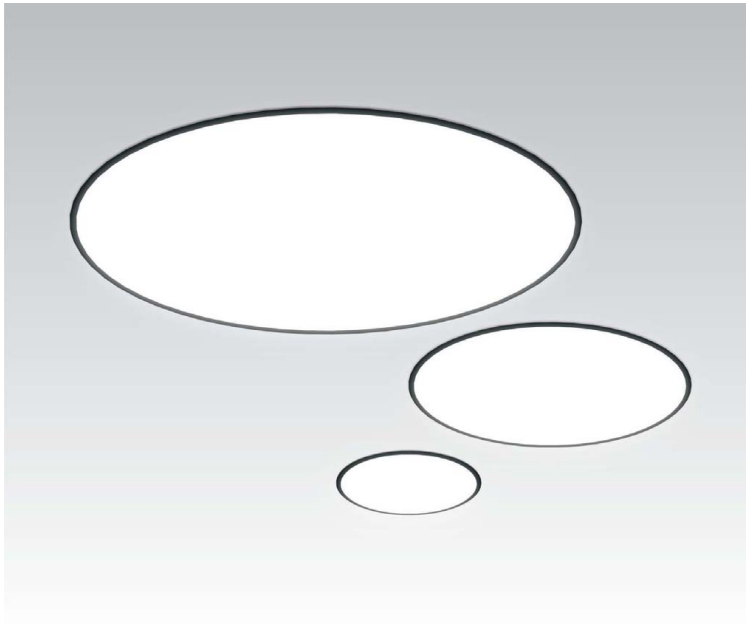
CEILING RECESSED

ELECTRON

DISC RC
(Recessed)

Ceiling Recessed

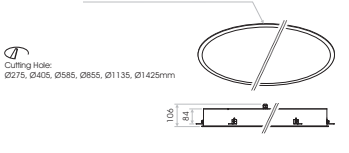
- Disc is a complete series of round luminaires available in surface, pendant, recessed and trimless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<22*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 214lm/W (4000K)
Luminaire efficacy up to 143lm/W (4000K)

Available upon request:
√ *Custom luminaire colours*
√ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



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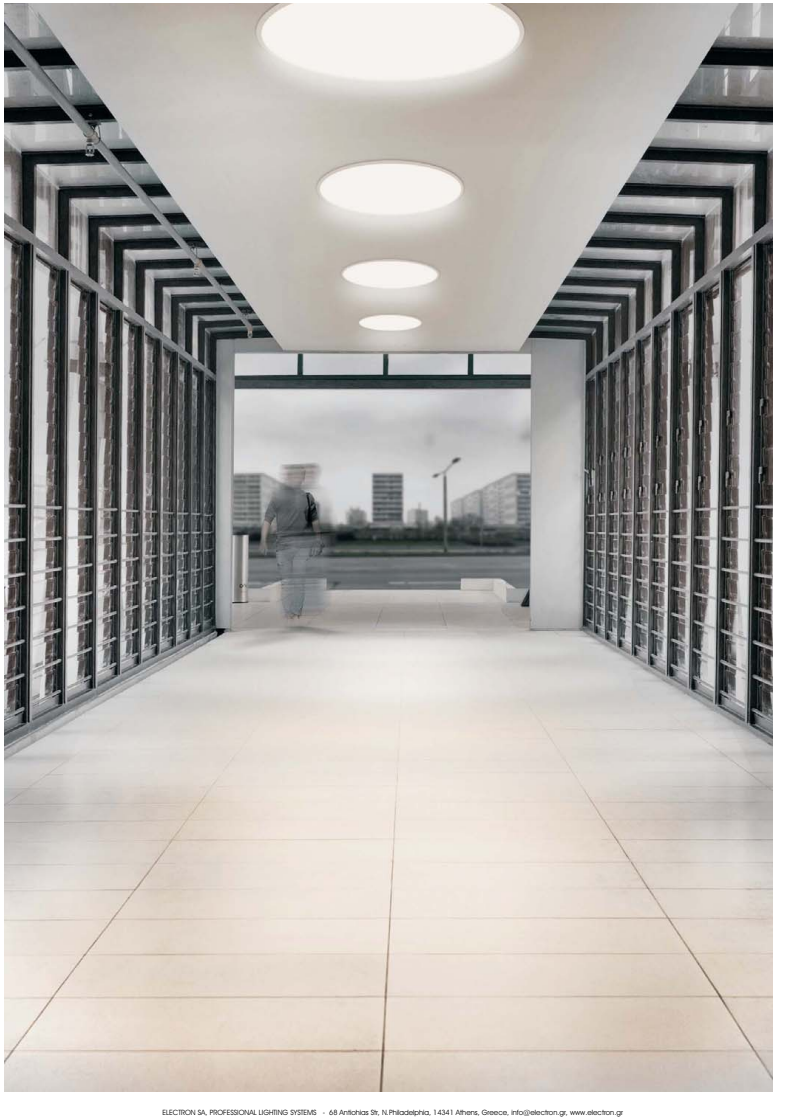
ELECTRON



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LIGHTSOURCE BY SAMSUNG

IP40

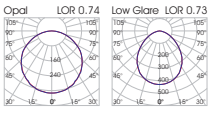
Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source 3000K	CRI** LED Source 4000K	Type	Voltage	Dimming Option	Extras
DISC Recessed High Power *(DISC RC HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER 11.9W / 27cm *(12W027)* 26.2W / 40cm *(26W040)* 57.4W / 58cm *(58W058)* 123.8W / 85cm *(124W085)* 214.8W / 113cm *(215W113)* 336.6W / 142cm *(337W142)*	⩾80 *(80)* 1910lm 3970lm 8670lm 17980lm 31060lm 49550lm	⩾80 *(80)* 2070lm 4170lm 9110lm 18900lm 32650lm 52200lm	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue *(A1)* (1-10V) DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
DISC Recessed High Efficiency *(DISC RC HE)*			HIGH EFFICIENCY 4.5W / 27cm *(05W027)* 9.8W / 40cm *(10W040)* 21.2W / 58cm *(21W058)* 45.7W / 85cm *(46W085)* 79.4W / 113cm *(80W113)* 124.4W / 142cm *(124W142)*	⩾80 *(80)* 810lm 1680lm 3640lm 7430lm 12830lm 20590lm	⩾80 *(80)* 880lm 1770lm 3830lm 7810lm 13490lm 21700lm	Opal *(OP)* Low UGR *(LU)* ***			

* Custom luminaire colours available upon request.
** Available in CR90 upon request.
*** Low Glare (UGR<22), Low UGR (UGR<19)

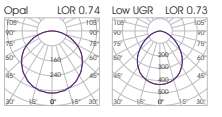
Ordering Code Example: *DISC RC HP-BL-30-58W058-80-LG-230-ND-0*

	Ø289mm	Ø419mm	Ø599mm	Ø869mm	Ø1149mm	Ø1439mm
DISC Recessed						
HIGH POWER	12W	26W	58W	124W	215W	337W
HIGH EFFICIENCY	5W	10W	21W	46W	80W	124W
Weight	1.18Kgs	2.59Kgs	4.48Kgs	9.40Kgs	15.30Kgs	23.70Kgs

HIGH POWER



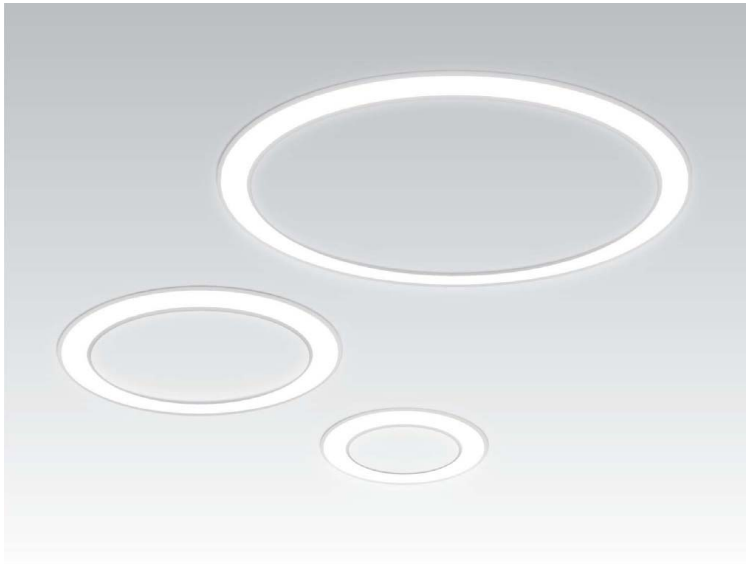
HIGH EFFICIENCY



ECLIPSE RC
(Recessed)

Ceiling Recessed

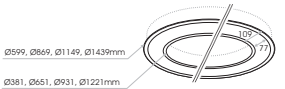
- ECLIPSE is a complete series of round luminaires available in surface, pendant, recessed and trimless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 195lm/W (4000K)
Luminaire efficacy up to 119lm/W (4000K)

Available upon request:
√ *Custom luminaire colours*
√ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



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LIGHTSOURCE BY SAMSUNG

IP40

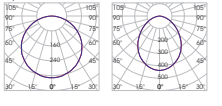
Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE Recessed High Power *(ECLIPSE RC HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER 46.2W / 58cm *(46W058)* 75W / 85cm *(75W085)* 104.5W / 113cm *(105W113)* 134.1W / 142cm *(134W142)*	≥ 80 *(80)* 3000K *6910lm* *11070lm* *15490lm* *19960lm*	≥ 80 *(80)* 4000K *7310lm* *11740lm* *16390lm* *21100lm*	Opal *(OP)* Low Glare *(LG)****	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
ECLIPSE Recessed High Efficiency *(ECLIPSE RC HE)*			HIGH EFFICIENCY 17.6W / 58cm *(18W058)* 26.7W / 85cm *(27W085)* 37.2W / 113cm *(37W113)* 47.8W / 142cm *(48W142)*	≥ 80 *(80)* 3000K *2940lm* *4450lm* *6230lm* *8020lm*	≥ 80 *(80)* 4000K *3110lm* *4720lm* *6590lm* *8480lm*	Opal *(OP)* Low UGR *(LU)****			

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20,8), Low UGR (UGR<18)

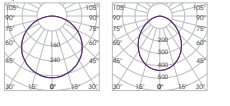
Ordering Code Example: *ECLIPSE RC HP-BL-30-105W113-80-LG-230-ND-0*

	Ø599mm	Ø869mm	Ø1149mm	Ø1439mm
ECLIPSE Recessed				
HIGH POWER	46W	75W	105W	134W
HIGH EFFICIENCY	18W	27W	37W	48W
Weight	3.63Kgs	5.48Kgs	7.42Kgs	10Kgs

HIGH POWER



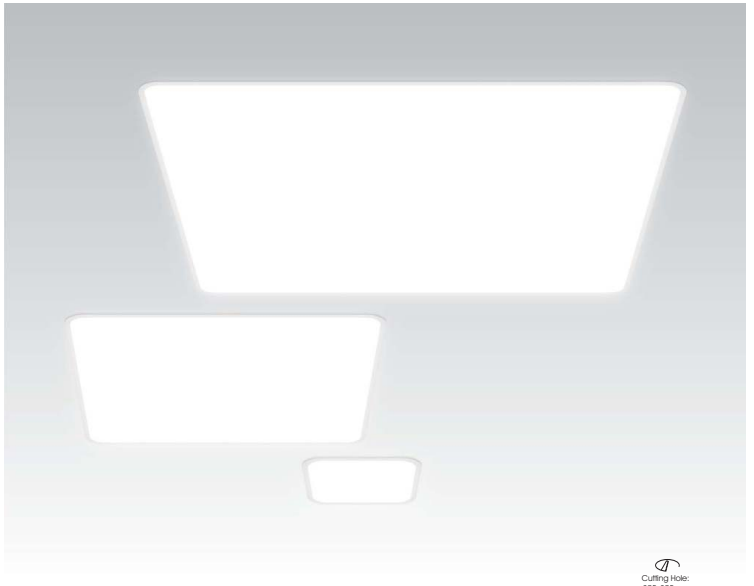
HIGH EFFICIENCY

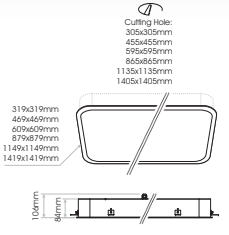


LOOP RC
(Recessed)

Ceiling Recessed

- LOOP is a complete series of round luminaires available in surface, pendant, recessed and trimless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<21.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18.6*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40





LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 132lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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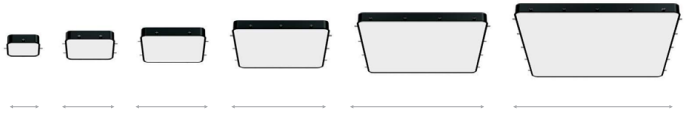
LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
LOOP Recessed High Power *(LOOP RC HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER	⩾ 80 *(80)* **3000K**	⩾ 80 *(80)* **4000K**	Opal *(OP)* Low Glare *(LG)****	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
			17.6W / 30x30cm *(18W3030)*	*2660lm*	*2780lm*				
			39.5W / 45x45cm *(40W4545)*	*5860lm*	*6160lm*				
			75W / 59x59cm *(75W5959)*	*10720lm*	*11270lm*				
			153.5W / 86x86cm *(154W8686)*	*22150lm*	*23290lm*				
			272.8W / 113x113cm *(273W113113)*	*39380lm*	*41400lm*				
			426.3W / 140x140cm *(426W140140)*	*61540lm*	*64700lm*				
LOOP Recessed High Efficiency *(LOOP RC HE)*			HIGH EFFICIENCY	⩾ 80 *(80)* **3000K**	⩾ 80 *(80)* **4000K**	Opal *(OP)* Low UGR *(LU)****			
			6.6W / 30x30cm *(07W3030)*	*1130lm*	*1180lm*				
			13.4W / 45x45cm *(13W4545)*	*2250lm*	*2370lm*				
			25.9W / 59x59cm *(26W5959)*	*4200lm*	*4410lm*				
			58.3W / 86x86cm *(58W8686)*	*9450lm*	*9930lm*				
			103.7W / 113x113cm *(104W113113)*	*16790lm*	*17650lm*				
			162W / 140x140cm *(162W140140)*	*26230lm*	*27580lm*				

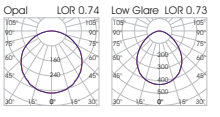
* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<21.8), Low UGR (UGR<18.6)

Ordering Code Example: *LOOP RC HP-BL-30-154W8686-80-LG-230-ND-0*

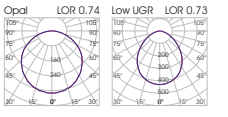


	319x319mm	469x469mm	609x609mm	879x879mm	1149x1149mm	1419x1419mm
LOOP Recessed						
HIGH POWER	18W	40W	75W	154W	273W	426W
HIGH EFFICIENCY	7W	13W	26W	58W	104W	162W
Weight	1.55Kgs	3.46Kgs	6.24Kgs	11.70Kgs	18.80Kgs	28Kgs

HIGH POWER



HIGH EFFICIENCY



ORBIT RC
(Recessed)

Ceiling Recessed

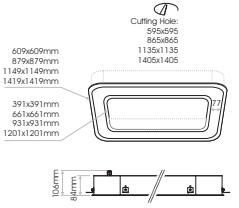
- ORBIT is a complete series of round luminaires available in surface, pendant, recessed and trimless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 120lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



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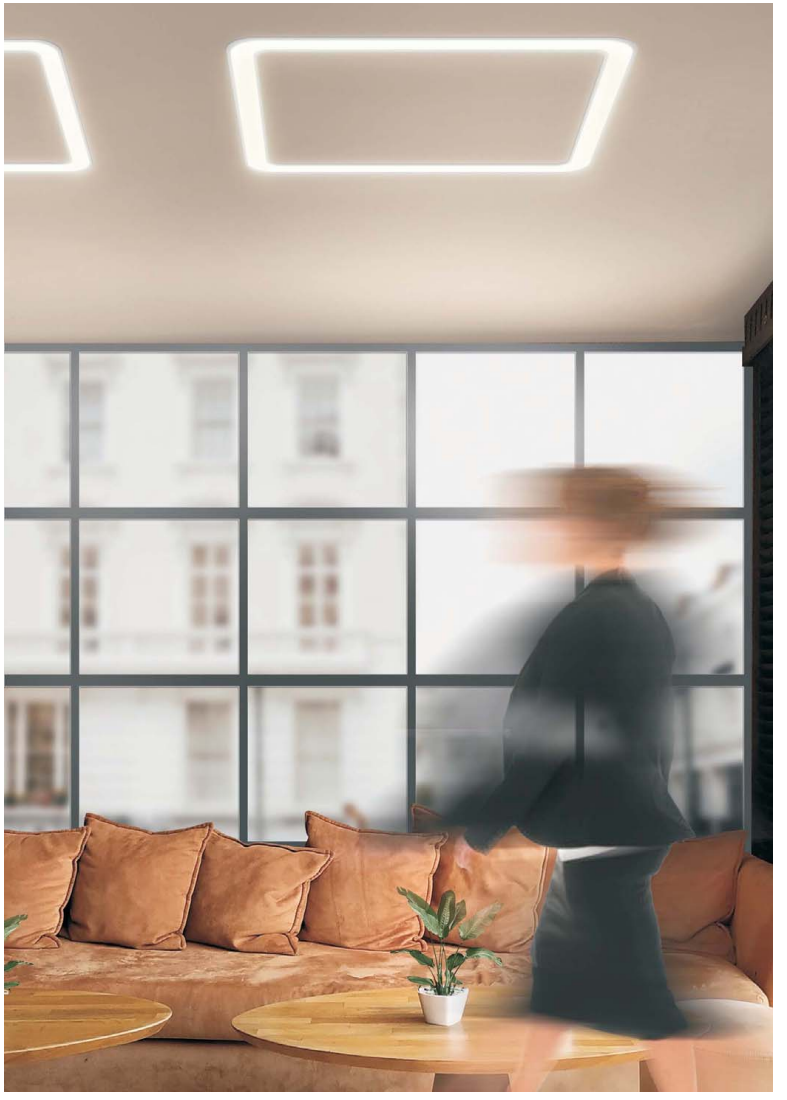

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LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Recessed High Power *(ORBIT RC HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER	≥80 *(80)* **3000K**	≥80 *(80)* **4000K**	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
			61.6W / 59x59cm *(62W5959)*	9210lm	9750lm				
			93.6W / 86x86cm *(94W8686)*	14050lm	14860lm				
			128.7W / 113x113cm *(129W113113)*	19320lm	20430lm				
			163.9W / 140x140cm *(164W140140)*	24590lm	26000lm				
ORBIT Recessed High Efficiency *(ORBIT RC HE)*			HIGH EFFICIENCY	≥80 *(80)* **3000K**	≥80 *(80)* **4000K**	Opal *(OP)* Low UGR *(LU)* ***			
			23.4W / 59x59cm *(23W5959)*	3920lm	4150lm				
			32.8W / 86x86cm *(33W8686)*	5560lm	5880lm				
			45.1W / 113x113cm *(45W113113)*	7650lm	8090lm				
			57.4W / 140x140cm *(57W140140)*	9730lm	10290lm				

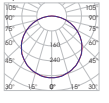
* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20,8), Low UGR (UGR<18)

Ordering Code Example: *ORBIT RC HP-WH-30-94W8686-80-LG-230-ND-0*

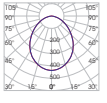
	609x609mm	879x879mm	1149x1149mm	1419x1419mm
ORBIT Recessed				
HIGH POWER	62W	94W	129W	164W
HIGH EFFICIENCY	23W	33W	45W	57W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs

HIGH POWER

Opal LOR 0.6

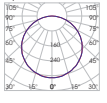


Low Glare LOR 0.66

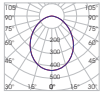


HIGH EFFICIENCY

Opal LOR 0.6



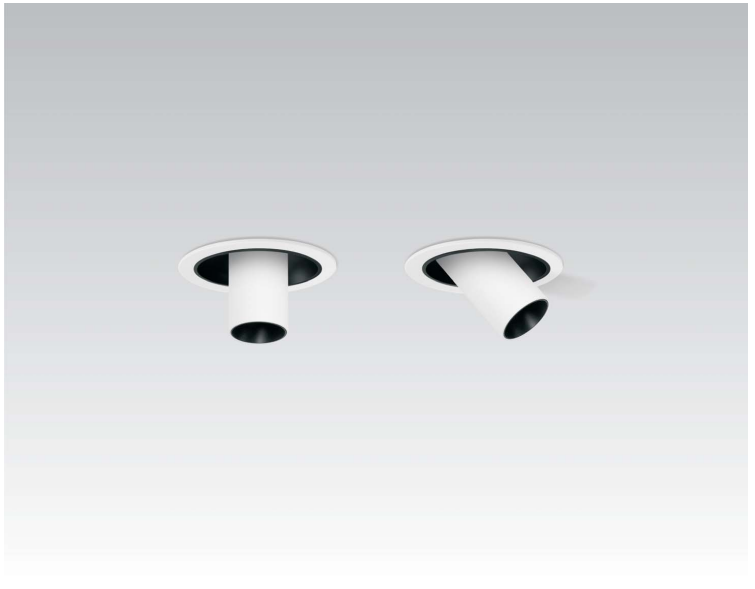
Low UGR LOR 0.67

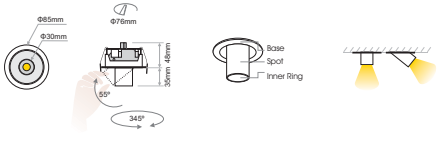


REFORM 30 RC

Ceiling Recessed

- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).





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CREE LEDs

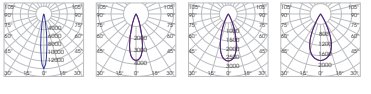
Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	90 (90)	Beam Angle	Type	Luminaire Colour (XXX)	Dimming Option	Accessories (XX)
REFORM 30 Recessed *(REFORM 30 RC)*	**3W** (3)	2700K (27C)	310lm	250lm	12° (12)	Adjustable (AD)	*Base* White (W) Black (B)	Without Driver (00)	Standard (0)
		3000K (30C)	310lm	265lm			*Spot* White (W) Black (B)	Non Dimmable (ND)	Honeycomb (1)
		4000K (40C)	330lm	290lm			*Inner Ring* White (W) Black (B)	Analogue (1-10V) (A1)	*Extras* No Extras (0)
		5000K (50C)	360lm	310lm				DMX (DX)	Emergency (1)
	5.8W (6)	2700K (27C)	615lm	500lm				DALI (DL)	
		3000K (30C)	615lm	530lm				Push Button (PB)	
		4000K (40C)	665lm	575lm				Phase Cut (PC)	
		5000K (50C)	715lm	615lm				Wireless ** (WL)	
	3W (3)	2700K (27C)	396lm	320lm	28° (28)				
		3000K (30C)	396lm	342lm	36° (36)				
		4000K (40C)	428lm	369lm	50° (50)				
		5000K (50C)	428lm	396lm					
	6.3W (6)	2700K (27C)	669lm	540lm					
		3000K (30C)	669lm	577lm					
		4000K (40C)	722lm	623lm					
		5000K (50C)	722lm	669lm					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

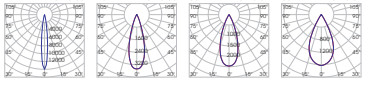
Ordering Code Example: REFORM 30 RC-3-40C-80-36-AD-WWB-00-00

Honeycomb

Inner ring colour:
BLACK



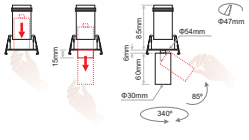
Inner ring colour:
WHITE



REFORM 30 IN-OUT RC

Ceiling Recessed

- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Emergency kit and battery replacement accessibility of emergency kit should be considered as the kit does not pass through the Recessed luminaire cutout.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).



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CREE LEDs

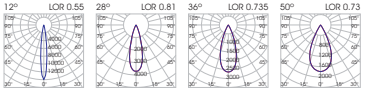
Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
REFORM 30 IN-OUT Recessed (REFORM 30 IO RC)	**3W** (3)	2700K (27C)	310lm	250lm	12° (12)	Adjustable (AD)	(XXX) **Base** White (W) Black (B) **Spot** White (W) Black (B) **Inner Ring** White (W) Black (B)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless ** (WL)	(XX) Standard (0) Honeycomb (1) **Extras** No Extras (0) Emergency (1)
		3000K (30C)	310lm	265lm					
		4000K (40C)	330lm	290lm					
		5000K (50C)	360lm	310lm					
	5.8W (6)	2700K (27C)	615lm	500lm					
		3000K (30C)	615lm	530lm					
		4000K (40C)	665lm	575lm					
		5000K (50C)	715lm	615lm					
	3W (3)	2700K (27C)	396lm	320lm	28° (28)				
		3000K (30C)	396lm	342lm	36° (36)				
		4000K (40C)	428lm	369lm	50° (50)				
		5000K (50C)	428lm	396lm					
	6.3W (6)	2700K (27C)	669lm	540lm					
		3000K (30C)	669lm	577lm					
		4000K (40C)	722lm	623lm					
		5000K (50C)	722lm	669lm					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

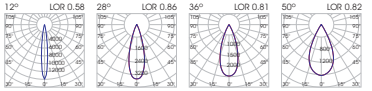
Ordering Code Example: REFORM 30 IO RC-3-40C-80-36-AD-WWB-00-10

Honeycomb

Inner ring colour:
BLACK



Inner ring colour:
WHITE



REFORM 30 RC Spot

Ceiling Recessed

- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Emergency kit and battery replacement accessibility of emergency kit should be considered as the kit does not pass through the luminaire cutout.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).

CREE LEDs

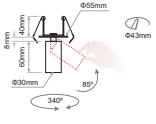
Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Type
REFORM 30 Recessed Spot *(REFORM 30 RCSP)*	**3W** (3)	2700K (27C)	310lm	250lm	12° (12)	Adjustable (AD)
		3000K (30C)	310lm	265lm		
		4000K (40C)	330lm	290lm		
		5000K (50C)	360lm	310lm		
	5.8W (6)	2700K (27C)	615lm	500lm		
		3000K (30C)	615lm	530lm		
		4000K (40C)	665lm	575lm		
		5000K (50C)	715lm	615lm		
	3W (3)	2700K (27C)	396lm	320lm	28° (28)	
		3000K (30C)	396lm	342lm	36° (36)	
		4000K (40C)	428lm	369lm	50° (50)	
		5000K (50C)	428lm	396lm		
	6.3W (6)	2700K (27C)	669lm	540lm		
		3000K (30C)	669lm	577lm		
		4000K (40C)	722lm	623lm		
		5000K (50C)	722lm	669lm		

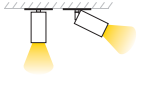
(XXX)

Luminaire Colour		Dimming Option		Accessories	
Base		Without Driver	(00)	(XX)	
White	(W)	Non Dimmable	(ND)	Standard	(0)
Black	(B)	Analogue (1-10V)	(A1)	Honeycomb	(1)
Spot		DMX	(DX)	***Extras***	
White	(W)	DALI	(DL)	No Extras	(0)
Black	(B)	Push Button	(PB)	Emergency	(1)
Inner Ring		Phase Cut	(PC)		
White	(W)	Wireless **	(WL)		
Black	(B)				

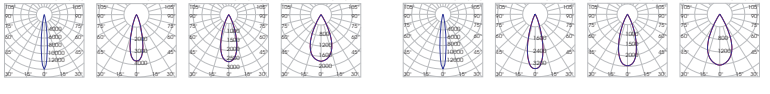
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFORM 30 RCSP-3-40C-80-36-AD-WWB-00-00





Inner ring colour:
BLACK



Inner ring colour:
WHITE

ELECTRON

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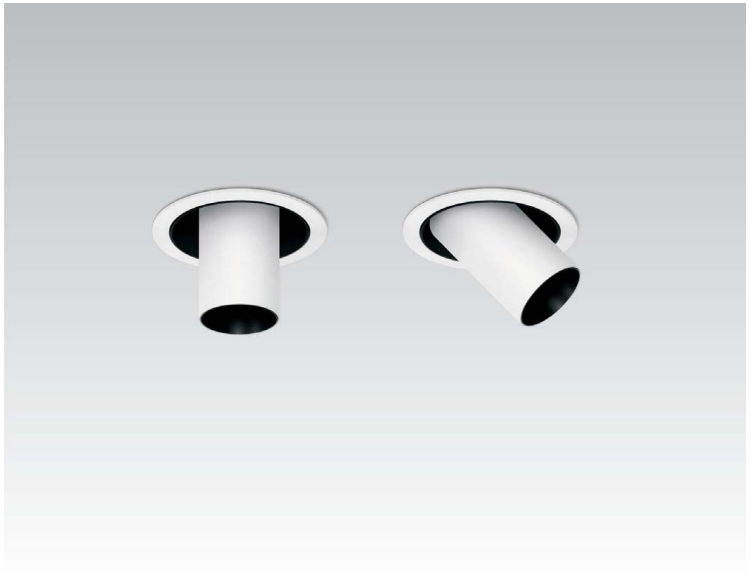
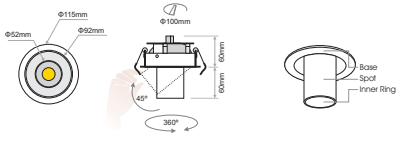
REFORM 52 RC

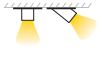
Ceiling Recessed

- Reform 52 is a complete series of downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).



Recessed





CREE LEDs

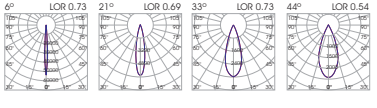
Model	LED Power	CCT*	CRI80, CRI90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80) 90 (90)					
REFORM 52 Recessed (REFORM 52 RC)	**8.2W** (8)	2700K (27C)	779lm 628lm	6° (06)	Adjustable (AD)	(XXX)	Without Driver (00)	Standard (0N)
		3000K (30C)	779lm 673lm			Base	Non Dimmable (ND)	Honeycomb (1N)
		4000K (40C)	841lm 726lm			White (W)	Analogue (1-10V) (A1)	Line spread lens (2N)
		5000K (50C)	903lm 779lm			Black (B)	DMX (DX)	Softening lens (3N)
						Spot	DALI (DL)	(XX)
						White (W)	Push Button (PB)	EXTRAS
						Black (B)	Phase Cut (PC)	No Extras (X0)
	12W (12)	2700K (27C)	1590lm 1380lm	21° (21)		Inner Ring	Wireless ** (WL)	Emergency (X1)
		3000K (30C)	1710lm 1485lm	33° (33)		White (W)		
		4000K (40C)	1830lm 1590lm	44° (44)		Black (B)		
		5000K (50C)	1710lm 1590lm					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

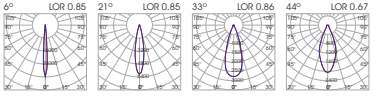
Ordering Code Example:
REFORM 52 RC-12-40C-80-33-AD-WWB-00-01

Honeycomb Line spread lens Softening lens

Inner ring colour:
BLACK



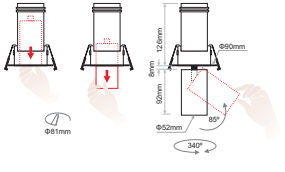
Inner ring colour:
WHITE

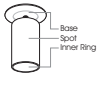


REFORM 52 IN-OUT RC

Ceiling Recessed

- Reform 52 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 12 watt and 8.2 watt.
- Beam angle varies from 4 to 44 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).





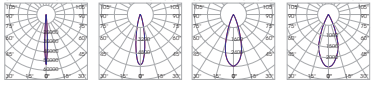
CREE LEDs

Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour (XXX)	Dimming Option (XX)	Accessories (XX)
			80 (80)	90 (90)					
REFORM 52 IN-OUT Recessed (REFORM 52 IO RC)	**8.2W** (8)	2700K (27C)	779lm	628lm	6° (06)	Adjustable (AD)	*Base* White (W), Black (B)	Without Driver (00)	Standard (0)
		3000K (30C)	779lm	673lm			*Spot* White (W), Black (B)	Non Dimmable (ND)	Honeycomb (1)
		4000K (40C)	841lm	726lm			*Inner Ring* White (W), Black (B)	Analogue (1-10V) (A1)	Line spread lens (2)
		5000K (50C)	903lm	779lm				DMX (DX)	Softening lens (3)
	12W (12)	2700K (27C)	1590lm	1380lm	21° (21)			DALI (DL)	***EXTRAS***
		3000K (30C)	1710lm	1485lm	33° (33)			Push Button (PB)	No Extras (0)
		4000K (40C)	1830lm	1590lm	44° (44)			Phase Cut (PC)	Emergency (1)
		5000K (50C)	1710lm	1590lm				Wireless ** (WL)	

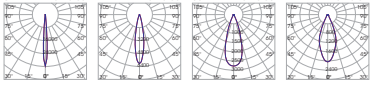
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
REFORM 52 IO RC-12-40C-80-33-AD-WWB-00-01

Inner ring colour:
BLACK



Inner ring colour:
WHITE



REFORM 52 RC Spot

Ceiling Recessed

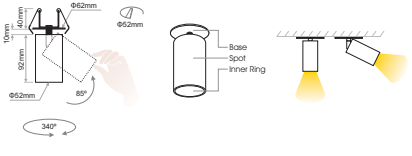
- Reform 52 is a complete series of downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption : 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).

CREE LEDs

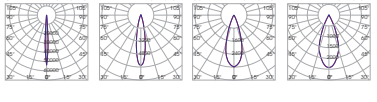
Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Type	Luminaire Colour (XXX)	Dimming Option	Accessories (XX)
REFORM 52 Recessed Spot *(REFORM 52 RCSP)*	**8.2W** *(8)*	2700K *(27C)*	*779lm*	*628lm*	6° *(06)*	Adjustable *(AD)*	***Base*** White *(W)* Black *(B)*	Without Driver *(00)*	Standard *(0)*
		3000K *(30C)*	*779lm*	*673lm*				Non Dimmable *(ND)*	Honeycomb *(1)*
		4000K *(40C)*	*841lm*	*726lm*				Analogue (1-10V) *(A1)*	Line spread lens *(2)*
		5000K *(50C)*	*903lm*	*779lm*				DMX *(DX)*	Softening lens *(3)*
	12W *(12)*	2700K *(27C)*	*1590lm*	*1380lm*	21° *(21)*		***Spot*** White *(W)* Black *(B)*	DALI *(DL)*	
		3000K *(30C)*	*1710lm*	*1485lm*	33° *(33)*			Push Button *(PB)*	***EXTRAS***
		4000K *(40C)*	*1830lm*	*1590lm*	44° *(44)*			Phase Cut *(PC)*	No Extras *(0)*
		5000K *(50C)*	*1710lm*	*1590lm*			***Inner Ring*** White *(W)* Black *(B)*	Wireless ** *(WL)*	Emergency *(1)*

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

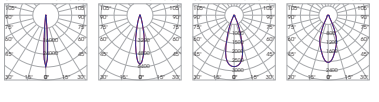
Ordering Code Example: REFORM 52 RCSP-12-40C-80-33-AD-WWB-00-01



Inner ring colour: **BLACK**



Inner ring colour: **WHITE**



ELECTRON

Ceiling Recessed

REFORM 75 RC Spot

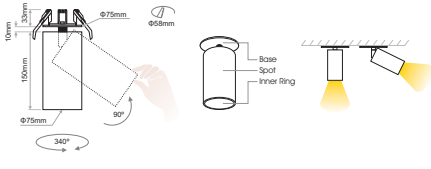
- Reform 75 is series of downlights available recessed or surface.
- It is available in round form.
- Power consumption : 23.5watt and 18watt.
- Beam angle varies from 17 to 50 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 /black inner ring).

CREE LEDs

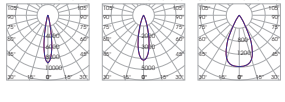
Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Type	Luminaire Colour (XXX)	Dimming Option	Accessories (XX)
REFORM 75 Recessed Spot *(REFORM 75 RCSP)*	**18W** *(18)*	2700K *(27C)*	*2067lm*	*1794lm*	17° *(17)*	Adjustable *(AD)*	***Base*** White *(W)* Black *(B)*	Without Driver *(00)*	Standard *(0)*
		3000K *(30C)*	*2223lm*	*1931lm*	27° *(27)*			Non Dimmable *(ND)*	Honeycomb *(1)*
		4000K *(40C)*	*2379lm*	*2067lm*	50° *(50)*			Analogue (1-10V) *(A1)*	Line spread lens *(2)*
		5000K *(50C)*	*2223lm*	*2067lm*				DMX *(DX)*	Softening lens *(3)*
	23.5W *(24)*	2700K *(27C)*	*2919lm*	*2409lm*			***Spot*** White *(W)* Black *(B)*	DALI *(DL)*	
		3000K *(30C)*	*3102lm*	*2512lm*				Push Button *(PB)*	***EXTRAS***
		4000K *(40C)*	*3192lm*	*2663lm*				Phase Cut *(PC)*	No Extras *(0)*
		5000K *(50C)*	*3230lm*	*2791lm*			***Inner Ring*** White *(W)* Black *(B)*	Wireless ** *(WL)*	Emergency *(1)*

* Models with CCTs of 3500K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

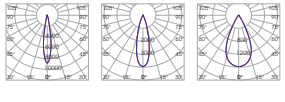
Ordering Code Example: REFORM 75 RCSP-18-40C-80-50-AD-WWB-00-10



Inner ring colour: **BLACK**



Inner ring colour: **WHITE**



ELECTRON

ADORNO RC Spotlight Retrofit

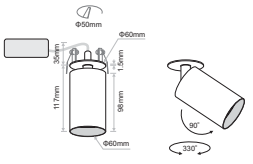
Ceiling Recessed

- Adorno series spotlight with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: : honeycomb, linear spread lens, softening lens, spread lens.

Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
ADORNO Recessed Spotlight Retrofit *(ADORNO RCSR)*	White-Black *(WB)* White-White *(WW)* White-Gold *(WG)* Black-Black *(BB)* Black-White *(BW)* Black-Gold *(BG)*	Adjustable *(AD)*	GU10 (max 7.5W) *(G1)*	Standard *(0)* Honeycomb *(1)* Linear Spread *(2)* Softening Lens *(3)* Spread Lens *(4)*

Lamp
Not included

Ordering Code Example: *ADORNO RCSR-WB-AD-G1-1*



ACC.004 Honeycomb
ACC.007 Linear Spread
ACC.006 Softening Lens
ACC.005 Spread Lens

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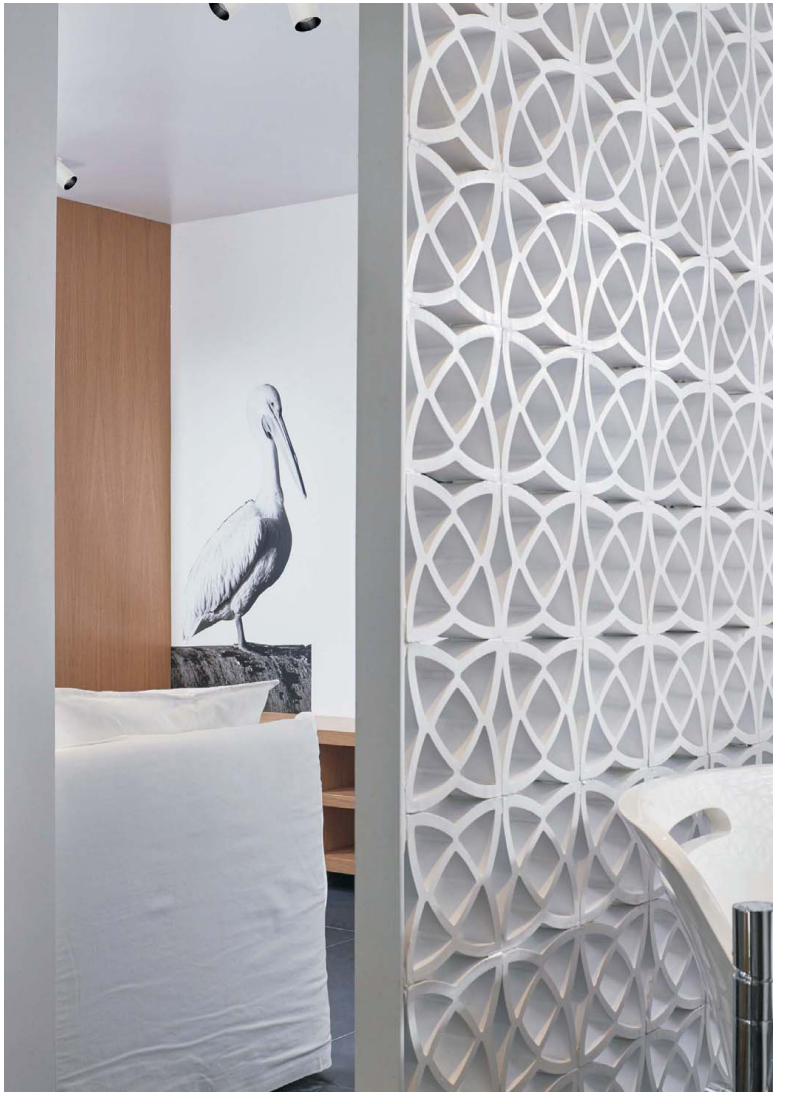

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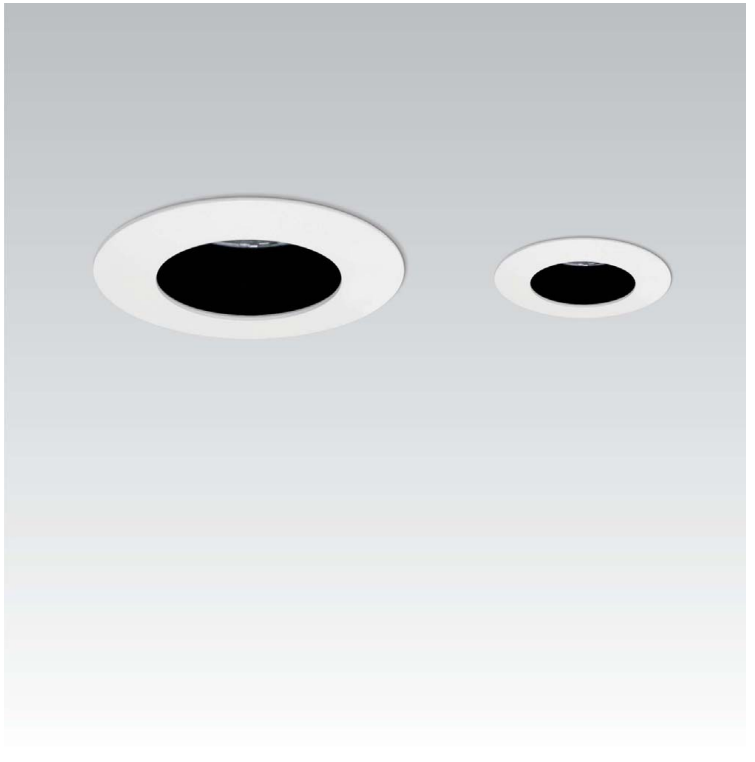
SOUL Series

Ceiling Recessed

- SOUL is a series of recessed downlights.
- It is available either round or square.
- It is either fixed or adjustable depending on the model.
- It is available in standard or deep version offering extra visual comfort.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- SOUL DEEP version is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).
- Soul is also offered with an ingress protection rate IP65 (face only).
- Soul Mini: constant current 350mA @3W / 500mA @4.3W.



SOUL

SOUL MINI

SOUL

CREE LEDs — LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13

bridgelux — WD6,WD12,TW6,TW12

IP20 | IP54 | IP65

Name	Shape	Model	CCT	CRI80, CRI90 LED Source	Beam Angle	Luminaire Colour: Trim/Inner Case**	Dimming Option	Accessories
				80 (80) 90 (90)				(XXX)
SOUL (SOUL)	Round (RD)	**Low Depth 7W** (LD7)	2700K (27C)	930lm 762lm	30° (30)	White (WH)	Without Driver (00)	**COVER**
SOUL DEEP (SOUL DEEP)	Square (SQ)		3000K (30C)	960lm 792lm	**DEEP***	Black (BL)	Non Dimmable (ND)	Standard (0XX)
			4000K (40C)	1020lm 840lm	27° (27)	White/White (WW)	Analogue (1-10V) (A1)	Honeycomb (1XX)
			5000K (50C)	1020lm 840lm		White/Black (WB)	DMX (DX)	Linear Spread (2XX)
		Standard 6.2W (ST6)	2700K (27C)	704lm 568lm	19° (19)	Black/Black (BB)	DALI (DL)	Softening Lens (3XX)
			3000K (30C)	713lm 608lm	35° (35)	Black/White (BW)	Push Button (PB)	
			4000K (40C)	760lm 656lm	50° (50)		Phase Cut (PC)	**IP RATE**
			5000K (50C)	736lm 704lm	**DEEP***		Wireless*** (WL)	IP20 (XD1)
		Standard 12.2W (ST12)	2700K (27C)	1590lm 1380lm	16° (16)			IP54 (XW1)
			3000K (30C)	1710lm 1485lm	30° (30)			IP65**** (X21)
			4000K (40C)	1830lm 1590lm	45° (45)			
			5000K (50C)	1710lm 1590lm				**EXTRAS**
		Standard 18W (ST18)	2700K (27C)	2067lm 1794lm				No Extras (X0D)
			3000K (30C)	2223lm 1931lm				Emergency Kit (XX1)
			4000K (40C)	2379lm 2067lm				
			5000K (50C)	2223lm 2067lm				
		Narrow Beam 6W (NB6)	2700K (27C)	616lm 497lm	9° (09)			
			3000K (30C)	616lm 532lm				
			4000K (40C)	665lm 574lm				
			5000K (50C)	714lm 616lm				
		Narrow Beam 8W (NB8)	2700K (27C)	792lm 639lm				
			3000K (30C)	792lm 684lm				
			4000K (40C)	855lm 738lm				
			5000K (50C)	918lm 792lm				
		Zoom 6.4W (ZM6)	2700K (27C)	704lm 568lm	22°–50° (2250)			
			3000K (30C)	713lm 608lm				
			4000K (40C)	760lm 656lm				
			5000K (50C)	736lm 704lm				
		Zoom 13W (ZM13)	2700K (27C)	1306lm 1098lm				
			3000K (30C)	1360lm 1150lm				
			4000K (40C)	1435lm 1236lm				
			5000K (50C)	1453lm 1236lm				
				90 (90) 95 (95)				
		Warm Dimming 0.2–6W (WD6)	1800K–3000K (1830B)	636lm 518lm	19° (19)		Analogue (1-10V) (A1)	
					35° (35)		DALI (DL)	
					50° (50)		Phase Cut (PC)	
					DEEP*		Wireless*** (WL)	
		Warm Dimming 12W (WD12)	1800K–3000K (1830B)	1246lm 1045lm	16° (16)			
					30° (30)			
					45° (45)			
		Tunable White 5.9W (TW6)	2700K–5000K (2750B)	585lm (both CCTs driven)			DALI (DL)	
							Wireless*** (WL)	
		Tunable White 11.5W (TW12)	2700K–5000K (2750B)	987lm (both CCTs driven)				

*Beam angle only for DEEP version.
** Inner Case applicable only for DEEP versions.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.
**** Applicable only for SOUL IP65/SOUL IP65 DEEP.

Ordering Code Example: SOUL DEEP-RD-ST18-30C-80-30-WW-DL-100

ACR.056 Honeycomb (as extra)
ACR.057 Linear Spread (as extra)
ACR.059 Softening Lens (as extra)

SOUL MINI

CREE LEDs

IP20 | IP54 | IP65

Name	Shape	Model	CCT	CRI80, CRI90 LED Source	Beam Angle	Luminaire Colour: Trim/Inner Case**	Dimming Option	Accessories
				80 (80) 90 (90)				(XXX)
SOUL MINI (SOUL MINI)	Round (RD)	**Standard 3W** (ST3)	2700K (27C)	396lm 320lm	27° (27)	White (WH)	Without Driver (00)	**COVER**
SOUL MINI DEEP (SOUL MINI DEEP)	Square (SQ)		3000K (30C)	396lm 342lm	35° (35)	Black (BL)	Non Dimmable (ND)	Standard (0XX)
			4000K (40C)	428lm 369lm	47° (47)	White/White (WW)		Honeycomb (1XX)
			5000K (50C)	428lm 396lm		White/Black (WB)		Linear Spread (2XX)
SOUL MINI ADJ (SOUL MINI A)		**Standard 4.3W** (ST4)	2700K (27C)	528lm 426lm	**DEEP***	Black/Black (BB)		Softening Lens (3XX)
SOUL MINI ADJ DEEP (SOUL MINI A DEEP)			3000K (30C)	528lm 456lm	25° (25)	Black/White (BW)		
			4000K (40C)	570lm 492lm	30° (30)			**IP RATE**
			5000K (50C)	570lm 528lm	38° (38)			IP20 (XD1)
SOUL MINI IP65 (SOUL MINI 65)		**Narrow Beam 4W** (NB4)	2700K (27C)	440lm 380lm	13° (13)			IP54 (XW1)
SOUL MINI IP65 DEEP (SOUL MINI 65 DEEP)			3000K (30C)	475lm 410lm				IP65*** (X21)
			4000K (40C)	510lm 410lm				
			5000K (50C)	510lm 440lm				**EXTRAS**
								No Extras (X0D)
								Emergency Kit (XX1) ****

*Beam angle only for DEEP version.
** Inner Case applicable only for DEEP versions.
*** Applicable only for SOUL IP65/SOUL IP65 DEEP.
**** Emergency option and battery replacement accessibility of the emergency kit should be considered as the kit does not pass through the luminaire cutout. Emergency option can be applied to 2-5 luminaires depending on the driver.

ACR.067 Honeycomb (as extra)
ACR.066 Linear Spread (as extra)
ACR.065 Softening Lens (as extra)

Ordering Code Example: SOUL MINI DEEP-RD-ST4-30C-80-38-WB-DL-100

SOUL DEEP LL

Model	Outer Trim	Luminaire Colour:	Lamp Holder	Accessories
SOUL DEEP LL (SOUL DEEP LL)	Round (RD)	White/White (WW)	GU10 (max 7.5W) (G1)	(XX)
SOUL ADJ DEEP LL (SOUL A DEEP LL)	Square (SQ)	White/Black (WB)		**COVER**
SOUL IP65 DEEP LL (SOUL 65 DEEP LL)		Black/Black (BB)		Standard (0X)
		Black/White (BW)		Honeycomb (1X)
				Linear Spread (2X)
				Softening Lens (3X)
				IP RATE
				IP20 (XD)
				IP54 (XW)
				IP65* (X2)

Lamp Not included

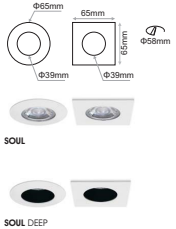
IP20 | IP54 | IP65

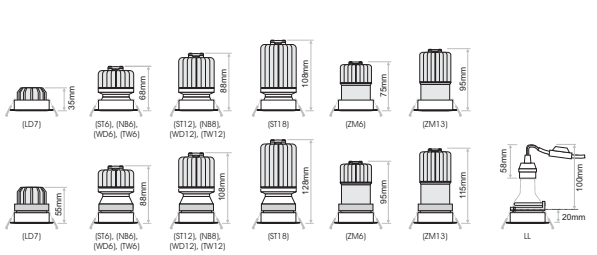
* Applicable only for SOUL IP65 DEEP

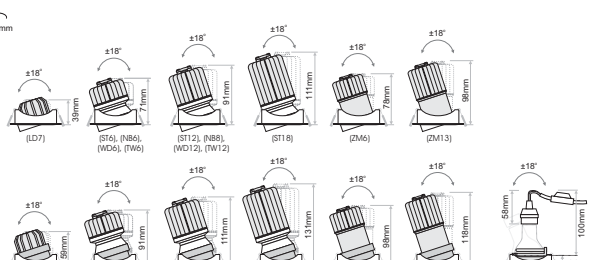
Ordering Code Example: SOUL A DEEP LL-RD-WW-G1-10

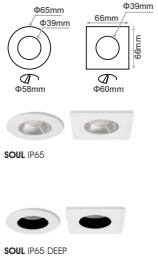
ACR.056 Honeycomb (as extra)
ACR.057 Linear Spread (as extra)
ACR.059 Softening Lens (as extra)

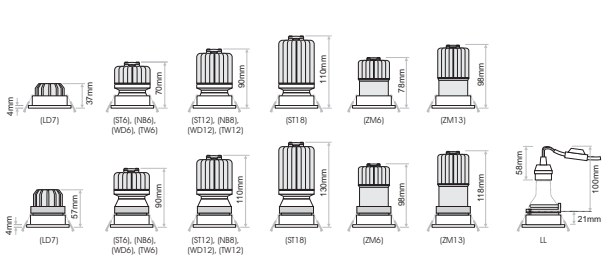
SOUL











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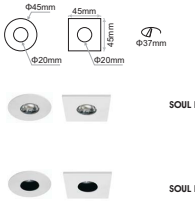
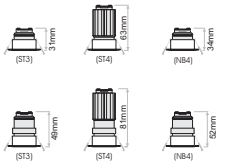
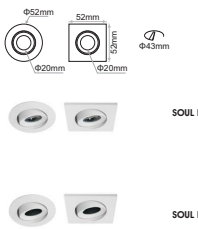
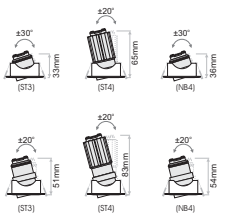
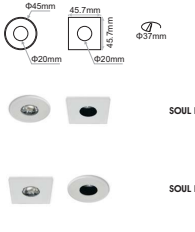
SOUL MINI

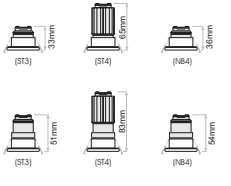












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SOUL

LD7

SOUL / SOUL ADJ
LOR 0.67 / 0.58
30°

SOUL DEEP BL / SOUL ADJ DEEP WH
LOR 0.46 / 0.49
27°

ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12

SOUL / SOUL ADJ

LOR 0.79 / 0.71
19°

LOR 0.87 / 0.77
35°

LOR 0.83 / 0.80
50°

SOUL DEEP BL / SOUL ADJ DEEP WH

LOR 0.62 / 0.51
16°

LOR 0.53 / 0.57
30°

LOR 0.68 / 0.63
45°

NB6 / NB8

SOUL / SOUL ADJ
9° LOR 0.87

SOUL DEEP BL / SOUL ADJ DEEP BL
9° LOR 0.74

ZM6 / ZM13

SOUL / SOUL ADJ
22° LOR 0.61

50° LOR 0.60

SOUL DEEP BL / SOUL ADJ DEEP BL
22° LOR 0.53

50° LOR 0.52

SOUL MINI

ST3 / ST4

SOUL MINI / SOUL MINI ADJ

LOR 0.82 / 0.76
27°

LOR 0.84 / 0.81
35°

LOR 0.74 / 0.72
47°

SOUL MINI DEEP BL / SOUL MINI ADJ DEEP WH

LOR 0.60 / 0.62
25°

LOR 0.60 / 0.60
30°

LOR 0.50/ 0.57
38°

Alila Resort & Spa, Rhodes, Greece

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HIDE RC Series

Ceiling Recessed

- HIDE & HIDE MINI is a series of downlights available either recessed or trimless.
- It is available either round or square.
- It is adjustable and rotatable.
- It is available in standard or deep version offering extra visual comfort.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- HIDE DEEP version is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).

HIDE

RC Round

RC Square

RC Square Double

DEEP RC Round

DEEP RC Square

DEEP RC Square Double

HIDE MINI

RC Round

RC Square

DEEP RC Round

DEEP RC Square

Ceiling Recessed

HIDE

CREE LEDs — LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13

LIGHTSOURCE BY bridgelux. — WD6,WD12,TW6,TW12

IP20 | IP54

Name	Shape	Model / Watt per LED	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Beam Angle	Luminaire Colour: (XXX)	Dimming Option	Accessories (XXX)
HIDE RC *(HIDE RC)*	Round *(RD)*	**Low Depth 7W** *(LD7)*	2700K *(27C)*	930lm	762lm	30° *(30)*	**OUTER** White *(W)* Black *(B)*	Without Driver *(00)*	**COVER** Standard *(0XX)*
HIDE RC DEEP *(HIDE RC DEEP)*	Square *(SQ)*		3000K *(30C)*	960lm	792lm	**DEEP**** 27° *(27)*	**INNER** White *(W)* Black *(B)*	Non Dimmable *(ND)*	Honeycomb *(1XX)*
	Square Double* *(SQD)*		4000K *(40C)*	1020lm	840lm		**DEEP** Without *(N)* White *(W)* Black *(B)*	Analogue (1-10V) *(A1)*	Linear Spread *(2XX)*
			5000K *(50C)*	1020lm	840lm			DMX *(DX)*	Softening Lens *(3XX)*
		Standard 6.2W *(ST6)*	2700K *(27C)*	704lm	568lm	19° *(19)*		DALI *(DL)*	**IP RATE** IP20 *(XD)* IP54 *(X1)*
			3000K *(30C)*	713lm	608lm	35° *(35)*		Push Button *(PB)*	
			4000K *(40C)*	760lm	656lm	50° *(50)*		Phase Cut *(PC)*	**EXTRAS** No Extras *(X0)* Emergency Kit *(XX1)*
			5000K *(50C)*	736lm	704lm	**DEEP**** 17° *(17)*		Wireless*** *(WL)*	
		Standard 12.2W *(ST12)*	2700K *(27C)*	1590lm	1380lm	30° *(30)*			
			3000K *(30C)*	1710lm	1485lm	45° *(45)*			
			4000K *(40C)*	1830lm	1590lm				
			5000K *(50C)*	1710lm	1590lm				
		Standard 18W *(ST18)*	2700K *(27C)*	2067lm	1794lm				
			3000K *(30C)*	2223lm	1931lm				
			4000K *(40C)*	2379lm	2067lm				
			5000K *(50C)*	2223lm	2067lm				
		Narrow Beam 6W *(NB6)*	2700K *(27C)*	616lm	497lm	9° *(09)*			
			3000K *(30C)*	616lm	532lm				
			4000K *(40C)*	665lm	574lm				
			5000K *(50C)*	714lm	616lm				
		Narrow Beam 8W *(NB8)*	2700K *(27C)*	792lm	639lm				
			3000K *(30C)*	792lm	684lm				
			4000K *(40C)*	855lm	738lm				
			5000K *(50C)*	918lm	792lm				
		Zoom 6.4W *(ZM6)*	2700K *(27C)*	704lm	568lm	22°–50° *(2250)*			
			3000K *(30C)*	713lm	608lm				
			4000K *(40C)*	760lm	656lm				
			5000K *(50C)*	736lm	704lm				
		Zoom 13W *(ZM13)*	2700K *(27C)*	1306lm	1098lm				
			3000K *(30C)*	1360lm	1150lm				
			4000K *(40C)*	1435lm	1236lm				
			5000K *(50C)*	1453lm	1236lm				
				90 *(90)*	95 *(95)*				
		Warm Dimming 0.2–6W *(WD6)*	1800K–3000K *(1830B)*	636lm	518lm	19° *(19)* 35° *(35)* 50° *(50)* **DEEP**** 17° *(17)* 30° *(30)* 45° *(45)*		Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless*** *(WL)*	
		Warm Dimming 12W *(WD12)*	1800K–3000K *(1830B)*	1246lm	1045lm				
		Tunable White 5.9W *(TW6)*	2700K–5000K *(2750B)*	585lm (both CCTs driven)				DALI *(DL)* Wireless*** *(WL)*	
		Tunable White 11.5W *(TW12)*	2700K–5000K *(2750B)*	987lm (both CCTs driven)					

ACR.056 Honeycomb (as extra) | ACR.057 Linear Spread (as extra) | ACR.059 Softening Lens (as extra)

* HIDE Square Double option example: HIDE RC SQD-ST6-30C-35-WWW-00-000 will be with 2pcs from ST6 modules.
** Beam angle only for DEEP version.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: HIDE RC-RD-ST18-30C-80-35-WWW-DL-100

ELECTRON

HIDE MINI

CREE LEDs

IP20 | IP54

Name	Shape	Model	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Beam Angle	Luminaire Colour: (XXX)	Dimming Option	Accessories (XXX)
HIDE MINI RC *(HIDE MINI RC)*	Round *(RD)*	**Standard 3W** *(ST3)*	2700K *(27C)*	396lm	320lm	27° *(27)*	**OUTER** White *(W)* Black *(B)*	Without Driver *(00)*	**COVER** Standard *(0XX)*
HIDE MINI RC DEEP *(HIDE MINI RC DEEP)*	Square *(SQ)*		3000K *(30C)*	396lm	342lm	35° *(35)*		Non Dimmable *(ND)*	Honeycomb *(1XX)*
			4000K *(40C)*	428lm	369lm	47° *(47)*		Analogue (1-10V) *(A1)*	Linear Spread *(2XX)*
			5000K *(50C)*	428lm	396lm			DMX *(DX)*	Softening Lens *(3XX)*
		Standard 4.3W *(ST4)*	2700K *(27C)*	528lm	426lm	**DEEP*** 25° *(25)*		DALI *(DL)*	**IP RATE** IP20 *(XD)* IP54 *(X1)*
			3000K *(30C)*	528lm	456lm	30° *(30)*	**INNER** White *(W)* Black *(B)*	Push Button *(PB)*	
			4000K *(40C)*	570lm	492lm	38° *(38)*		Phase Cut *(PC)*	**EXTRAS** No Extras *(X0)* Emergency Kit *(XX1)*
			5000K *(50C)*	570lm	528lm		**DEEP** Without *(N)* White *(W)* Black *(B)*	Wireless*** *(WL)*	
		Narrow Beam 4W *(NB4)*	2700K *(27C)*	440lm	380lm	13° *(13)*			
			3000K *(30C)*	475lm	410lm				
			4000K *(40C)*	510lm	410lm				
			5000K *(50C)*	510lm	440lm				

*Beam angle only for DEEP version
** Inner Case applicable only for DEEP versions.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

ACR.067 Honeycomb (as extra) | ACR.066 Linear Spread (as extra) | ACR.065 Softening Lens (as extra)

Ordering Code Example: HIDE MINI RC DEEP-RD-ST4-30C-80-38-WWW-DL-100

HIDE DEEP LL

IP20 | IP54

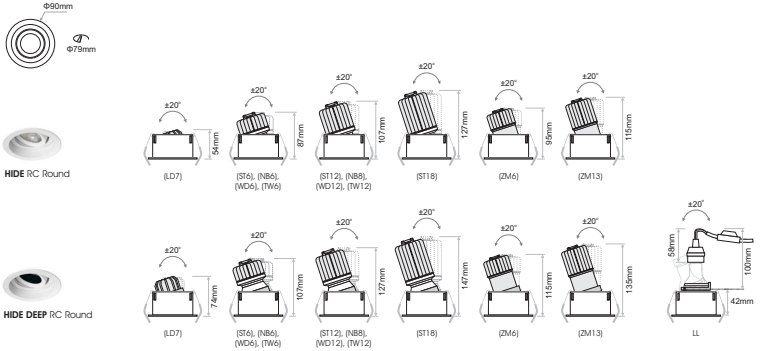
Model	Shape	Luminaire Colour (XXX)	Lamp Holder	Accessories (XX)
HIDE RC DEEP LL *(HIDE RC DEEP LL)*	Round *(RD)* Square *(SQ)* Square Double *(SQD)*	**OUTER** White *(W)* Black *(B)* **INNER** White *(W)* Black *(B)* **DEEP** White *(W)* Black *(B)*	GU10 (max 7.5W) (G1)	**COVER** Standard *(0X)* Honeycomb *(1X)* Linear Spread *(2X)* Softening Lens *(3X)* **IP RATE** IP20 *(XD)* IP54 *(X1)*

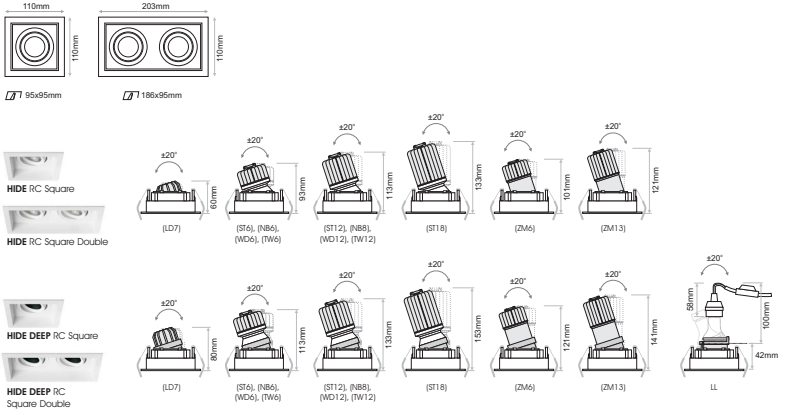
Lamp Not included

Ordering Code Example: HIDE RC DEEP LL-RD-WWW-G1-10

ACR.056 Honeycomb (as extra) | ACR.057 Linear Spread (as extra) | ACR.059 Softening Lens (as extra)

HIDE





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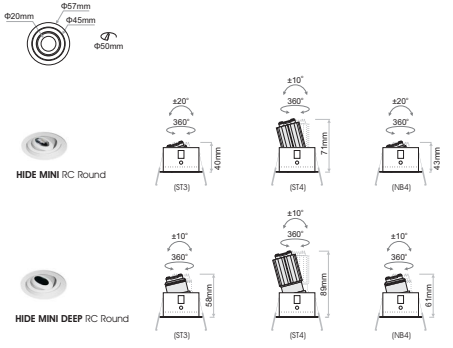
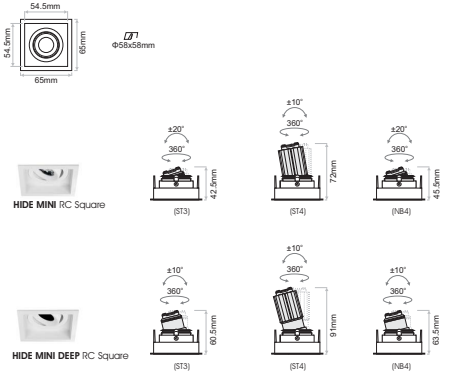
Ceiling Recessed

HIDE RC Series

HIDE MINI





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HIDE

LD7

HIDE WH

30° LOR 0.64

HIDE DEEP WH

27° LOR 0.50

ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12

HIDE WH

19° LOR 0.76

35° LOR 0.82

50° LOR 0.79

HIDE DEEP BL

17° LOR 0.58

30° LOR 0.55

45° LOR 0.65

NB6/ NB8

HIDE WH

9° LOR 0.78

HIDE DEEP WH

9° LOR 0.71

ZM6/ ZM13

HIDE WH

22° LOR 0.60

50° LOR 0.58

HIDE DEEP WH

22° LOR 0.51

50° LOR 0.50

HIDE MINI

ST3 / ST4

HIDE WH

27° LOR 0.81

35° LOR 0.79

47° LOR 0.74

HIDE DEEP BL

25° LOR 0.57

30° LOR 0.61

38° LOR 0.52

Alila Resort & Spa, Rhodes, Greece

SANTI Series

Ceiling Recessed

- SANTI and SANTI MINI is a series of elegant recessed downlights with extra small trim.
- It is available either round or square.
- Santi is also available in wash version.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- SANTI DEEP version is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Available in black or white as standard but custom colours also available upon request.
- Luminaire outer trim material: aluminium.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).

SANTI

ADJ

WASH

SANTI MINI

ADJ

SANTI

CREE LEDs — *LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13*

bridgelux — *WD6,WD12,TW6,TW12*

IP20 | IP54

Name	Shape*	Model	CCT	CRI80, CRI90 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
				80 (80) 90 (90)				(XXX)
SANTI *(SANTI)*	Round *(RD)*	**Low Depth 7W** *(LD7)*	2700K (27C)	930lm 762lm	30° (30)	White (WH)	Without Driver (00)	**COVER**
			3000K (30C)	960lm 792lm		Black (BL)	Non Dimmable (ND)	Standard (0XX)
SANTI ADJ *(SANTI A)*	Square *(SQ)*		4000K (40C)	1020lm 840lm			Analogue (1-10V) (A1)	Honeycomb (1XX)
			5000K (50C)	1020lm 840lm			DMX (DX)	Linear Spread (2XX)
SANTI WASH *(SANTI W)*		**Standard 6.2W** *(ST6)*	2700K (27C)	704lm 568lm	19° (19)		DALI (DL)	Softening Lens (3XX)
			3000K (30C)	713lm 608lm	35° (35)		Push Button (PB)	**IP RATE**
			4000K (40C)	760lm 656lm	50° (50)		Phase Cut (PC)	IP20 (X0X)
			5000K (50C)	736lm 704lm	**WASH****		Wireless*** (WL)	IP54 (X1X)
		Standard 12.2W *(ST12)*	2700K (27C)	1590lm 1380lm	17° (17)			**EXTRAS**
			3000K (30C)	1710lm 1485lm	23° (23)			No Extras (XX0)
			4000K (40C)	1830lm 1590lm	32° (32)			Emergency Kit (XX1)
			5000K (50C)	1710lm 1590lm				
		Standard 18W *(ST18)*	2700K (27C)	2067lm 1794lm				
			3000K (30C)	2223lm 1931lm				
			4000K (40C)	2379lm 2067lm				
			5000K (50C)	2223lm 2067lm				
		Narrow Beam 6W *(NB6)*	2700K (27C)	616lm 497lm	9° (09)			
			3000K (30C)	616lm 532lm				
			4000K (40C)	665lm 574lm				
			5000K (50C)	714lm 616lm				
		Narrow Beam 8W *(NB8)*	2700K (27C)	792lm 639lm				
			3000K (30C)	792lm 684lm				
			4000K (40C)	855lm 738lm				
			5000K (50C)	918lm 792lm				
		Zoom 6.4W *(ZM6)*	2700K (27C)	704lm 568lm	22°–50° (2250)			
			3000K (30C)	713lm 608lm				
			4000K (40C)	760lm 656lm				
			5000K (50C)	736lm 704lm				
		Zoom 13W *(ZM13)*	2700K (27C)	1306lm 1098lm				
			3000K (30C)	1360lm 1150lm				
			4000K (40C)	1435lm 1236lm				
			5000K (50C)	1453lm 1236lm				
				90 (90) 95 (95)				
		Warm Dimming 0.2–6W *(WD6)*	1800K–3000K (1830B)	636lm 518lm	19° (19) 35° (35) 50° (50) **WASH**** 17° (17) 23° (23) 32° (32)		Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless*** (WL)	
		Warm Dimming 12W *(WD12)*	1800K–3000K (1830B)	1246lm 1045lm				
		Tunable White 5.9W *(TW6)*	2700K–5000K (2750B)	585lm (both CCTs driven)			DALI (DL) Wireless*** (WL)	
		Tunable White 11.5W *(TW12)*	2700K–5000K (2750B)	987lm (both CCTs driven)				

ACR.056 Honeycomb (as extra)

ACR.057 Linear Spread (as extra)

ACR.059 Softening Lens (as extra)

* SANTI only available in round shape.
** Beam angle only for WASH version.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: SANTI W-RD-ST18-30C-80-32-WH-DL-100

SANTI MINI

CREE LEDs

IP20 | IP54

Name	Shape	Model	CCT	CRI80, CRI90 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
				80 (80) 90 (90)				(XXX)
SANTI MINI *(SANTI MINI)*	Round *(RD)*	**Standard 3W** *(ST3)*	2700K (27C)	396lm 320lm	27° (27)	White (WH)	Without Driver (00)	**COVER**
			3000K (30C)	396lm 342lm	35° (35)	Black (BL)	Non Dimmable (ND)	Standard (0XX)
SANTI MINI ADJ *(SANTI MINI A)*	Square *(SQ)*		4000K (40C)	428lm 369lm	47° (47)		Analogue (1-10V) (A1)	Honeycomb (1XX)
			5000K (50C)	428lm 396lm			DMX (DX)	Linear Spread (2XX)
		Standard 4.3W *(ST4)*	2700K (27C)	528lm 426lm			DALI (DL)	Softening Lens (3XX)
			3000K (30C)	528lm 456lm			Push Button (PB)	**IP RATE**
			4000K (40C)	570lm 492lm			Phase Cut (PC)	IP20 (X0X)
			5000K (50C)	570lm 528lm			Wireless* (WL)	IP54 (X1X)
		Narrow Beam 4W *(NB4)*	2700K (27C)	440lm 380lm	13° (13)			**EXTRAS**
			3000K (30C)	475lm 410lm				No Extras (XX0)
			4000K (40C)	510lm 410lm				Emergency Kit** (XX1)
			5000K (50C)	510lm 440lm				

ACR.067 Honeycomb (as extra)

ACR.066 Linear Spread (as extra)

ACR.065 Softening Lens (as extra)

* The wireless dimming option includes driver and Bluetooth dimming accessory.
** Emergency option and battery replacement accessibility of the emergency kit should be considered as the kit does not pass through the luminaire cutout. Emergency option can be applied to 2-5 luminaires depending on the driver.

Ordering Code Example: SANTI MINI-RD-ST4-30C-80-35-WH-DL-100

SANTI DEEP LL

IP20 | IP54

Model	Outer Trim	Luminaire Colour:	Lamp Holder	Accessories
SANTI DEEP LL *(SANTI DEEP LL)*	Round *(RD)*	White/White (WW)	GU10 (max 7.5W) (G1)	(XX)
	Square *(SQ)*	White/Black (WB)		**COVER**
SANTI ADJ DEEP LL *(SANTI A DEEP LL)*		Black/Black (BB)		Standard (0X)
		Black/White (BW)		Honeycomb (1X)
SANTI WASH DEEP LL *(SANTI W DEEP LL)*				Linear Spread (2X)
				Softening Lens (3X)
				IP RATE
				IP20 (X0)
				IP54 (X1)

Lamp Not included

ACR.056 Honeycomb (as extra)

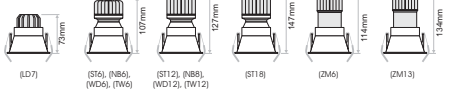
ACR.057 Linear Spread (as extra)

ACR.059 Softening Lens (as extra)

Ordering Code Example:
SANTI A DEEP LL-RD-WW-G1-10

SANTI

SANTI



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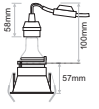

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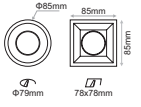

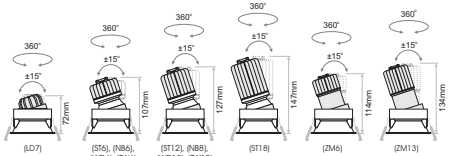

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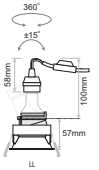
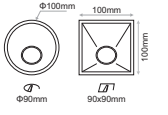
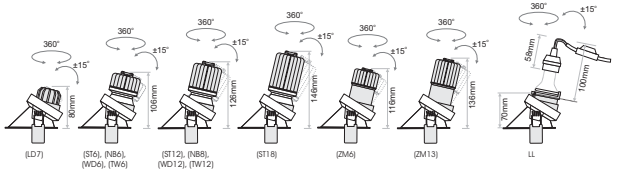


SANTI WASH





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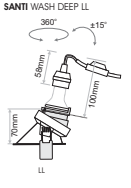
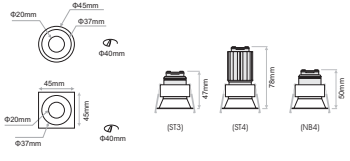


SANTI MINI

SANTI MINI



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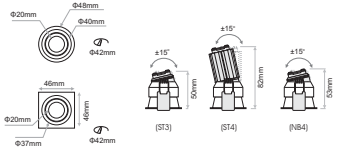

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SANTI

LD7

SANTI WH
30° LOR 0.58

SANTI ADJ WH
30° LOR 0.60

SANTI WASH WH
30° LOR 0.57

ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12

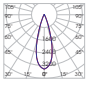
SANTI RD WH
19° LOR 0.78

35° LOR 0.85

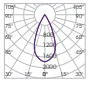
50° LOR 0.81

SANTI ADJ RD WH
19° LOR 0.63

35° LOR 0.57



50° LOR 0.61



SANTI WASH RD WH
17° LOR 0.84

23° LOR 0.68

32° LOR 0.57

NB6/ NB8

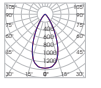
SANTI RD WH
9° LOR 0.76

SANTI ADJ RD WH
9° LOR 0.70

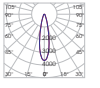
ZM6/ ZM13

SANTI RD WH
22° LOR 0.78

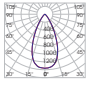
50° LOR 0.81



SANTI ADJ RD WH
22° LOR 0.64



50° LOR 0.61



SANTI MINI

ST3 / ST4

27° LOR 0.83

35° LOR 0.83

47° LOR 0.75

NB4

13° LOR 0.83

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Golden Yachts - Yacht OPARI

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WHISPER RC Series

Ceiling Recessed

- Whisper is a high aesthetically downlight available recessed or trimless.
- It is available either round or square.
- WHISPER DEEP version is also available for LED lamps.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).

RC

ADJ

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ELECTRON

CREE LEDs *LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13*

LIGHTSOURCE BY bridgelux *WD6,WD12,TW5,TW12*

IP20 IP54

Name	Shape*	Model	CCT	CRI80, CRI90 *LED Source*	Beam Angle	Luminaire Colour: Trim/Inner Case	Dimming Option	Accessories
				80 *(80)* 90 *(90)*				
WHISPER RC *(WHISPER RC)*	Round *(RD)*	**Low Depth 7W** *(LD7)*	2700K *(27C)*	930lm 762lm	30° *(30)*	White/White *(WW)*	Without Driver *(00)*	*{XXX}*
WHISPER ADJ *(WHISPER A)*	Square *(SQ)*		3000K *(30C)*	960lm 792lm		White/Black *(WB)*	Non Dimmable *(ND)*	
			4000K *(40C)*	1020lm 840lm		Black/Black *(BB)*	Analogue (1-10V) *(A1)*	
			5000K *(50C)*	1020lm 840lm		Black/White *(BW)*	DMX *(DX)*	
							DALI *(DL)*	
		Standard 6.2W *(ST6)*	2700K *(27C)*	704lm 568lm	18° *(18)*		Push Button *(PB)*	
			3000K *(30C)*	713lm 608lm	37° *(37)*		Phase Cut *(PC)*	
			4000K *(40C)*	760lm 656lm	52° *(52)*		Wireless** *(WL)*	
			5000K *(50C)*	736lm 704lm				
		Standard 12.2W *(ST12)*	2700K *(27C)*	1590lm 1380lm				
			3000K *(30C)*	1710lm 1485lm				
			4000K *(40C)*	1830lm 1590lm				
			5000K *(50C)*	1710lm 1590lm				
		Standard 18W *(ST18)*	2700K *(27C)*	2067lm 1794lm				
			3000K *(30C)*	2223lm 1931lm				
			4000K *(40C)*	2379lm 2067lm				
			5000K *(50C)*	2223lm 2067lm				
		Narrow Beam 6W *(NB6)*	2700K *(27C)*	616lm 497lm	9° *(09)*			
			3000K *(30C)*	616lm 532lm				
			4000K *(40C)*	665lm 574lm				
			5000K *(50C)*	714lm 616lm				
		Narrow Beam 8W *(NB8)*	2700K *(27C)*	792lm 639lm				
			3000K *(30C)*	792lm 684lm				
			4000K *(40C)*	855lm 738lm				
			5000K *(50C)*	918lm 792lm				
		Zoom 6.4W *(ZM6)*	2700K *(27C)*	704lm 568lm	22°–50° *(2250)*			
			3000K *(30C)*	713lm 608lm				
			4000K *(40C)*	760lm 656lm				
			5000K *(50C)*	736lm 704lm				
		Zoom 13W *(ZM13)*	2700K *(27C)*	1306lm 1098lm				
			3000K *(30C)*	1360lm 1150lm				
			4000K *(40C)*	1435lm 1236lm				
			5000K *(50C)*	1453lm 1236lm				
				90 *(90)* 95 *(95)*				
		Warm Dimming 0.2~6W *(WD6)*	1800K–3000K *(1830B)*	636lm 518lm	18° *(18)* 37° *(37)* 52° *(52)*		Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless** *(WL)*	
		Warm Dimming 12W *(WD12)*	1800K–3000K *(1830B)*	1246lm 1045lm				
		Tunable White 5.9W *(TW6)*	2700K–5000K *(2750B)*	585lm (both CCTs driven)			DALI *(DL)* Wireless** *(WL)*	
		Tunable White 11.5W *(TW12)*	2700K–5000K *(2750B)*	987lm (both CCTs driven)				

COVER
Standard *(0XX)*
Honeycomb *(1XX)*
Linear Spread *(2XX)*
Softening Lens *(3XX)*

IP RATE
IP20 *(XDX)*
IP54 *(X1X)*

EXTRAS
No Extras *(XX0)*
Emergency Kit *(XX1)*

ACR.056 Honeycomb (as extra)
ACR.057 Linear Spread (as extra)
ACR.059 Softening Lens (as extra)

* WHISPER ADJ only available in round shape
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: WHISPER RC-RD-ST18-30C-80-37-WW-DL-100

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WHISPER DEEP LL

IP20 IP54

Model	Shape*	Luminaire Colour:	Lamp Holder	Accessories
WHISPER RC DEEP LL *(WHISPER RC DEEP LL)*	Round *(RD)*	White/White *(WW)*	GU10 (max 7.5W) (G1)	*(XX)*
	Square *(SQ)*	White/Black *(WB)*		***COVER***
WHISPER ADJ DEEP LL *(WHISPER A DEEP LL)*		Black/Black *(BB)*		Standard *(0x)*
		Black/White *(BW)*		Honeycomb *(1x)*
				Linear Spread *(2x)*
				Softening Lens *(3x)*
				IP RATE
				IP20 *(x0)*
				IP54 *(x1)*

Lamp
Not included

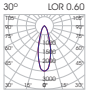
* WHISPER ADJ DEEP Retrofit only available in round shape

Ordering Code Example:
WHISPER RC DEEP LL-RD-WW-G1-10

ACR.056 Honeycomb (as extra)
ACR.057 Linear Spread (as extra)
ACR.059 Softening Lens (as extra)

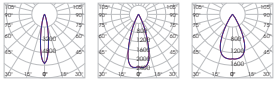
LD7
WHISPER RD BL

30° LOR 0.60



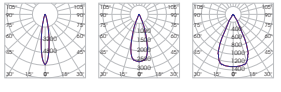
ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12
WHISPER RD BL

18° LOR 0.75 37° LOR 0.82 52° LOR 0.74



WHISPER SQ BL

18° LOR 0.71 37° LOR 0.71 52° LOR 0.77

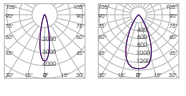


NB6/ NB8
WHISPER RD BL

9° LOR 0.77

ZM6/ ZM13
WHISPER RD BL

22° LOR 0.75 50° LOR 0.74



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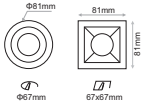
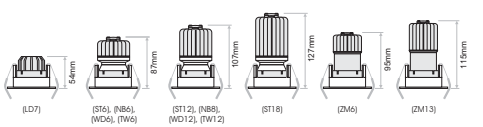
WHISPER RC

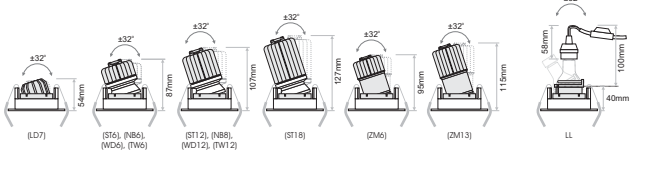


WHISPER RC DEEP LL



WHISPER ADJ

WHISPER ADJ DEEP LL



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CRUSH RC Series

Ceiling Recessed

- Crush is a downlight available either recessed or trimless.
- It is available in square form.
- Power consumption: varies from 6 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- CRUSH is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).

RC

RC Double

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ELECTRON

CRUSH

CREE LEDs — *LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13*

LIGHTSOURCE BY bridgelux — *WD6,WD12,TW6,TW12*

IP20 | IP54

Name	Model / Watt per LED	CCT	CRI80, CRI90 / LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
			80 *(80)* 90 *(90)*				
CRUSH RC *(CRUSH RC)* **CRUSH RC Double*** *(CRUSH RC DB)*	**Low Depth 7W** *(LD7)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*930lm 762lm* *960lm 792lm* *1020lm 840lm* *1020lm 840lm*	30° *(30)*	White *(WH)* Black *(BL)*	Without Driver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Push Button *(PB)* Phase Cut *(PC)* Wireless** *(WL)*	*(XXX)* ***COVER*** Standard *(0XX)* Honeycomb *(1XX)* Linear Spread *(2XX)* Softening Lens *(3XX)* ***IP RATE*** IP20 *(XOX)* IP54 *(XIX)* ***EXTRAS*** No Extras *(XXO)* Emergency Kit *(XX1)*
	Standard 6.2W *(ST6)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*704lm 568lm* *713lm 608lm* *760lm 656lm* *736lm 704lm*	19° *(19)* 35° *(35)* 50° *(50)*			
	Standard 12.2W *(ST12)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*1590lm 1380lm* *1710lm 1485lm* *1830lm 1590lm* *1710lm 1590lm*				
	Standard 18W *(ST18)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*2067lm 1794lm* *2223lm 1931lm* *2379lm 2067lm* *2223lm 2067lm*				
	Narrow Beam 6W *(NB6)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*616lm 497lm* *616lm 532lm* *665lm 574lm* *714lm 616lm*	9° *(09)*			
	Narrow Beam 8W *(NB8)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*792lm 639lm* *792lm 684lm* *855lm 738lm* *918lm 792lm*				
	Zoom 6.4W *(ZM6)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*704lm 568lm* *713lm 608lm* *760lm 656lm* *736lm 704lm*	22°–50° *(2250)*			
	Zoom 13W *(ZM13)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*1306lm 1098lm* *1360lm 1150lm* *1435lm 1236lm* *1453lm 1236lm*				
			90 *(90)* 95 *(95)*				
	Warm Dimming 0.2–6W *(WD6)*	1800K–3000K *(1830B)*	*636lm 518lm*	19° *(19)* 35° *(35)* 50° *(50)*		Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless** *(WL)*	
	Warm Dimming 12W *(WD12)*	1800K–3000K *(1830B)*	*1246lm 1045lm*				
	Tunable White 5.9W *(TW6)*	2700K–5000K *(2750B)*	*585lm* (both CCTs driven)			DALI *(DL)* Wireless** *(WL)*	
	Tunable White 11.5W *(TW12)*	2700K–5000K *(2750B)*	*987lm* (both CCTs driven)				

ACR.056
Honeycomb
(as extra)

ACR.057
Linear Spread
(as extra)

ACR.059
Softening Lens
(as extra)

*CRUCH RC Double option example: CRUSH RC DB-ST12-30C-35-WH-00-000 will be with 2pcs from ST12 modules.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: CRUSH RC-ST18-30C-80-50-WH-DL-100

ELECTRON

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CRUSH LL

IP20 IP54

Model	Luminaire Colour:	Lamp Holder	Accessories
CRUSH RC LL *(CRUSH RC LL)*	White/White *(WW)*	GU10 (max 7.5W) (G1)	*(XX)*
CRUSH RC Double LL *(CRUSH RC DB LL)*	White/Black *(WB)*		***COVER***
	Black/Black *(BB)*		Standard *(0/)*
	Black/White *(BW)*		Honeycomb *(1/)*
			Linear Spread *(2/)*
			Softening Lens *(3/)*
			IP RATE
			IP20 *(/10)*
			IP54 *(/11)*

Lamp
Not included

Ordering Code Example:
CRUSH RC LL-WW-G1-10

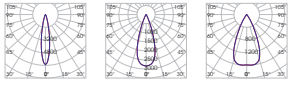
ACR.056 Honeycomb (as extra)
ACR.057 Linear Spread (as extra)
ACR.059 Softening Lens (as extra)

LD7

30° LOR 0,53

ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12

19° LOR 0.652 35° LOR 0.643 50° LOR 0.622

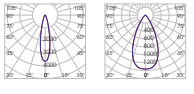


NB6/ NB8

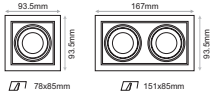
9° LOR 0,759

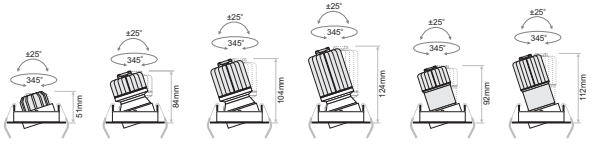
ZM6/ ZM13

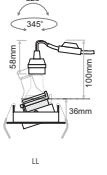
22 LOR 0.66 50 LOR 0.62



CRUSH RC
CRUSH RC Double







LL

POT Series

Ceiling Recessed

- POT is a recessed adjustable downlight.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- POT DEEP version is also available for LED lamps.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- IP20

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ELECTRON

CREE LEDs — *LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13*

LIGHTSOURCE BY bridgelux — *WD6,WD12,TW6,TW12*

IP20

Name	Model	CCT	CRI80, CRI90 LED Source		Beam Angle		Luminaire Colour	Dimming Option	Accessories
			80 *(80)*	90 *(90)*					
POT *(POT)*	**Low Depth 7W** *(LD7)*	2700K *(27C)*	*930lm*	*762lm*	31°x35°	*(35)*	White *(WH)*	Without Driver *(00)*	*{XXX}*
		3000K *(30C)*	*960lm*	*792lm*			Black *(BL)*	Non Dimmable *(ND)*	
		4000K *(40C)*	*1020lm*	*840lm*				Analogue (1-10V) *(A1)*	*COVER*
		5000K *(50C)*	*1020lm*	*840lm*				DMX *(DX)*	Standard *(BW)*
	Standard 6.2W *(ST6)*	2700K *(27C)*	*704lm*	*568lm*	20°x28°	*(28)*		DALI *(DL)*	Honeycomb *(HW)*
		3000K *(30C)*	*713lm*	*608lm*	32°x42°	*(42)*		Push Button *(PB)*	Linear Spread *(2W)*
		4000K *(40C)*	*760lm*	*656lm*	42°x50°	*(50)*		Phase Cut *(PC)*	Softening Lens *(3W)*
		5000K *(50C)*	*736lm*	*704lm*				Wireless* *(WL)*	*IP RATE*
	Standard 12.2W *(ST12)*	2700K *(27C)*	*1590lm*	*1380lm*					IP20 *(ND)*
		3000K *(30C)*	*1710lm*	*1485lm*					
		4000K *(40C)*	*1830lm*	*1590lm*					*EXTRAS*
		5000K *(50C)*	*1710lm*	*1590lm*					No Extras *(XX0)*
	Standard 18W *(ST18)*	2700K *(27C)*	*2067lm*	*1794lm*					Emergency Kit *(XX1)*
		3000K *(30C)*	*2223lm*	*1931lm*					
		4000K *(40C)*	*2379lm*	*2067lm*					
		5000K *(50C)*	*2223lm*	*2067lm*					
	Narrow Beam 6W *(NB6)*	2700K *(27C)*	*616lm*	*497lm*	8°x12°	*(12)*			
		3000K *(30C)*	*616lm*	*532lm*					
		4000K *(40C)*	*665lm*	*574lm*					
		5000K *(50C)*	*714lm*	*616lm*					
	Narrow Beam 8W *(NB8)*	2700K *(27C)*	*792lm*	*639lm*					
		3000K *(30C)*	*792lm*	*684lm*					
		4000K *(40C)*	*855lm*	*738lm*					
		5000K *(50C)*	*918lm*	*792lm*					
	Zoom 6.4W *(ZM6)*	2700K *(27C)*	*704lm*	*568lm*	17°x23°–35°x45°	*(23-45)*			
		3000K *(30C)*	*713lm*	*608lm*					
		4000K *(40C)*	*760lm*	*656lm*					
		5000K *(50C)*	*736lm*	*704lm*					
	Zoom 13W *(ZM13)*	2700K *(27C)*	*1306lm*	*1098lm*					
		3000K *(30C)*	*1360lm*	*1150lm*					
		4000K *(40C)*	*1435lm*	*1236lm*					
		5000K *(50C)*	*1453lm*	*1236lm*					
			90 *(90)*	95 *(95)*					
	Warm Dimming 0.2–6W *(WD6)*	1800K–3000K *(1830B)*	*636lm*	*518lm*	20°x28°	*(28)*		Analogue (1-10V) *(A1)*	
					32°x42°	*(42)*		DALI *(DL)*	
					42°x50°	*(50)*		Phase Cut *(PC)*	
	Warm Dimming 12W *(WD12)*	1800K–3000K *(1830B)*	*1246lm*	*1045lm*				Wireless* *(WL)*	
	Tunable White 5.9W *(TW6)*	2700K–5000K *(2750B)*	*585lm* (both CCTs driven)					DALI *(DL)*	
								Wireless* *(WL)*	
	Tunable White 11.5W *(TW12)*	2700K–5000K *(2750B)*	*987lm* (both CCTs driven)						

ACR.056 Honeycomb (as extra)

ACR.057 Linear Spread (as extra)

ACR.059 Softening Lens (as extra)

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: POT-ST18-30C-80-42-WH-DL-100

POT DEEP LL

IP20

Model	Luminaire Colour:	Lamp Holder	Accessories
POT DEEP LL *(POT DEEP LL)*	White/White *(WW)* White/Black *(WB)* Black/Black *(BB)* Black/White *(BW)*	GU10 (max 7.5W) (G1)	*(XX)* ***COVER*** Standard *(0X)* Honeycomb *(1X)* Linear Spread *(2X)* Softening Lens *(3X)* ***IP RATE*** IP20 *(X0)*

Lamp
Not included

Ordering Code Example: *POT DEEP LL-WW-G1-10*

ACR.056
Honeycomb
(as extra)

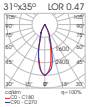
ACR.057
Linear Spread
(as extra)

ACR.059
Softening Lens
(as extra)

POT WH

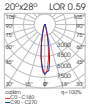
LD7

31°x35° LOR 0.47

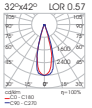


ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12

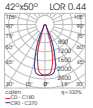
20°x28° LOR 0.59



32°x42° LOR 0.57

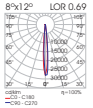


42°x50° LOR 0.44



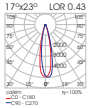
NB6/ NB8

8°x12° LOR 0.69

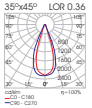


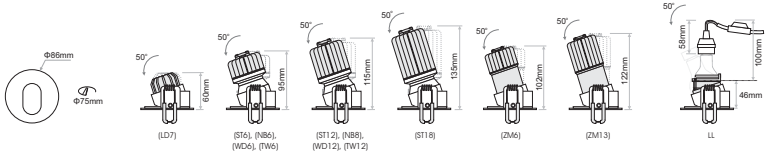
ZM6/ ZM13

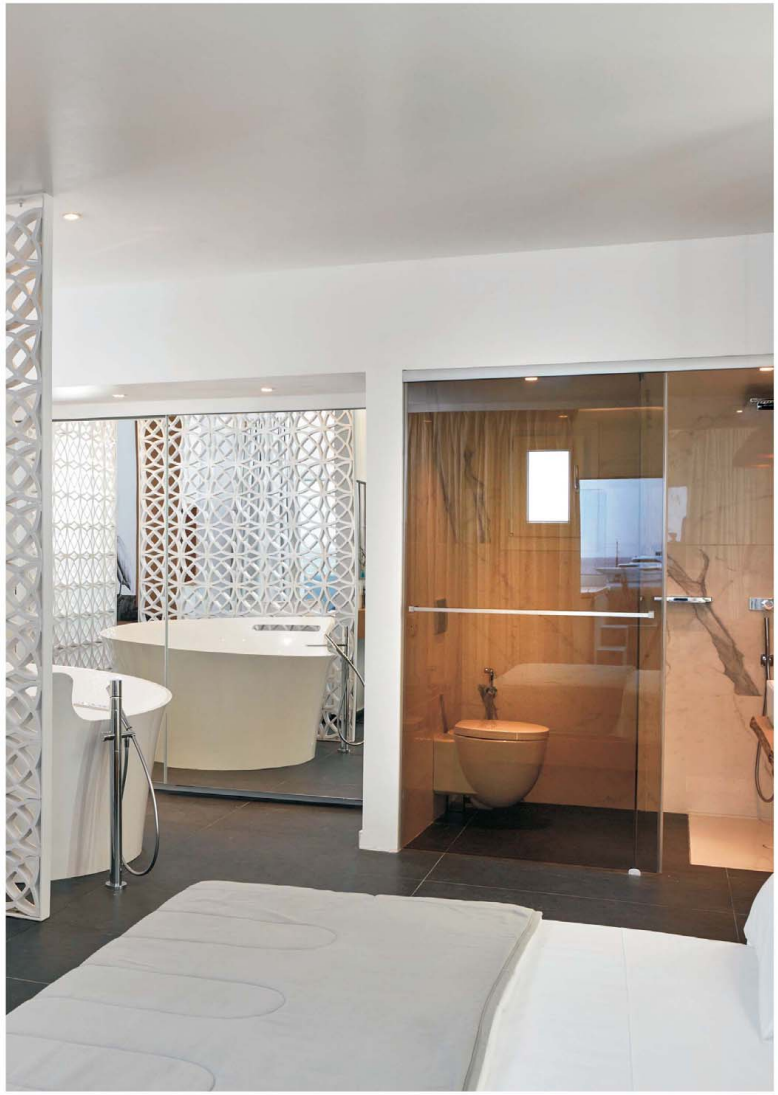
17°x23° LOR 0.43



35°x45° LOR 0.36







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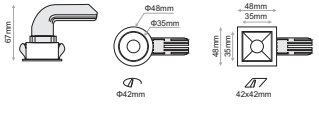
POLAR RC

Ceiling Recessed

- Polar is a miniaturized downlight available either recessed or trimless.
- It is ideal in spaces with low depth ceiling due to its special design.
- It is available either round or square.
- Body material: aluminium.
- Maximum driving current 700mA.
- System Consumption@ 700mA 10 Watt.
- Selection of IP protection: either IP40 or IP44.
- 3 SDCM
- L90/B10 50000h
- It has a low UGR ensuring visual comfort (UGR<16).



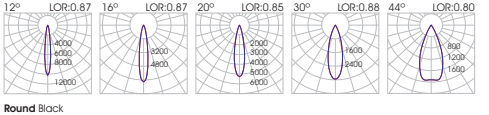
CREE LEDs | IP40 | IP44

Model	LED Power	Type	IP Protection	CCT	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Type	Colour*: Outer / inner trim	Dimming Option
POLAR Recessed (POLAR RC)	**8.2W** (8)	Round (RD) Square (SQ)	IP40 (40) IP44 (44)	2700K (27C) 3000K (30C) 3500K (35C) 4000K (40C) 5000K (50C)	792lm 792lm 855lm 855lm 918lm	639lm 684lm 684lm 738lm 792lm	12° (NN) 16° (NR) 20° (MD) 30° (WD) 44° (WW)	Fixed (FX)	White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	Without Driver (00) Non Dimmable (ND) Phase Cut Dimmable (PC)

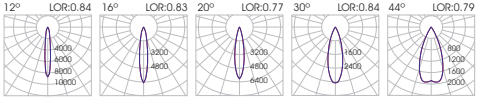
* Outer trim custom colours available upon request.

Ordering Code Example:
POLAR RC-8-RD-44-30C-80-NR-FX-WB-PC

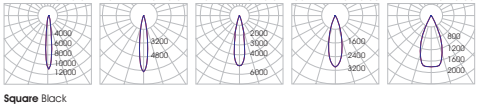
Round White



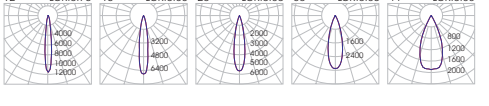
Round Black



Square White



Square Black



MANI

Ceiling Recessed

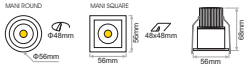
- MANI is a downlight available in round & square.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<10 for black colour)

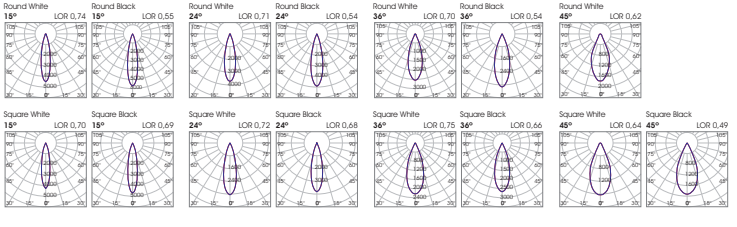
LIGHTSOURCE BY bridgelux

Model	LED Power	CCT*	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle**	Colour	Dimming Option	Accessories
MANI Round *(MANI R)* **MANI Square** *(MANI S)*	**6.1W** *(06)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)*	*785lm* *817lm* *850lm*	*654lm* *681lm* *730lm*	Fixed *(FX)*	80 *(80)* 90 *(90)*	15° *(15)* 24° *(24)* 36° *(36)* 45° *(45)*	White *(WH)* Black *(BL)*	Without Driver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Push Button *(PB)* Phase Cut *(PC)* Wireless*** *(WL)*	***COVER*** Standard *(0X)* ***EXTRAS*** No Extras *(X0)* Emergency Kit *(X1)*
	8.9W *(09)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)*	*1089lm* *1135lm* *1180lm*	*908lm* *946lm* *1014lm*						

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
**45° not available in Black colour for MANI ROUND.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: MANI R09-40B-FX-80-36-WH-DL-00





ELECTRON

Ceiling Recessed

NORDIA

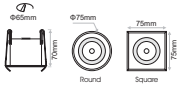
- Nordia is an outdoor recessed downlight available either round or square.
- Nordia is also available in antiglare version in Black and White colour.
- Body material: aluminium.
- Trim material: Either aluminium electrostatically painted (white, black or other RAL finishes on request) or stainless steel AISI 316.
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Power cable HO5RN-F 2x0.75mm² L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Optics available: lenses
- UGR<19 (6°, 15°, 30°, 46°)
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

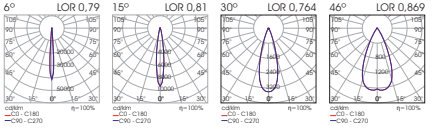
CREE LEDs IP67

Model	Power	CCT	CRI80, CRI90 LED Source	Beam Angle	Shape	Type	Colour*	Dimming Option	Accessories
			80 *(80)* 90 *(90)*						
NORDIA *(NORDIA)*	**4.1W** *(4)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*440lm 355lm* *440lm 380lm* *475lm 410lm* *410lm 440lm*	6° *(06)*	Round *(RD)* Square *(SQ)*	Fixed *(FX)*	White *(WH)* Black *(BL)* Stainless Steel *(SS)*	Without Driver *(00)* 24VDC Non Dimmable *(24ND)* 230V Phase Cut *(230PC)*	***COVER*** Standard *(0X)* Honeycomb *(1X)* Softening lens *(2X)* Line spread lens *(3X)* ***EXTRAS*** No Extras *(X0)* Emergency Kit *(X1)*
	6.5W *(7)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)* 6500K *(65C)*	*713lm 570lm* *713lm 615lm* *765lm 660lm* *765lm 713lm* *765lm -*	15° *(15)* 30° *(30)* 46° *(46)*					

* Other RAL finishes available on request.

Ordering Code Example: NORDIA 7-30C-90-46-RD-FX-SS-00-10





NORDIA WASH

Ceiling Recessed

- Nordia is an outdoor recessed downlight available either round or square.
- It has minimal aesthetic.
- Body material: aluminium.
- Trim material: Either aluminium electrostatically painted (white, black or other RAL finishes on request) or stainless steel AISI 316.
- Power cable HO5RN-F 2x0.75mm² L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Optics available: lenses
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

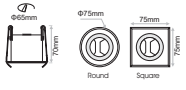
CREE LEDs

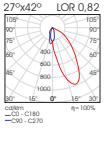
IP67

Model	Power	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Beam Angle	Shape	Type	Colour*	Dimming Option	Extras
NORDIA WASH (NORDIA W)	**4.1W** (4)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	440lm 440lm 475lm 410lm	355lm 380lm 410lm 440lm	Assymetric (AS) 27°x42°	Round (RD) Square (SQ)	Fixed (FX)	White (WH) Black (BL) Stainless Steel (SS)	Without Driver (00) 24VDC Non Dimmable (24ND) 230V Non Dimmable (230ND)	No Extras (0) Emergency Kit (1)

* Other RAL finishes available on request.

Ordering Code Example: NORDIA W4-30C-90-AS-RD-FX-SS-00-0





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ELECTRON

Ceiling Recessed

NORDIA DF (Diffused)

- Nordia is an outdoor recessed downlight available either round or square.
- It has minimal aesthetic.
- Body material: aluminium.
- Trim material: Either aluminium electrostatically painted (white, black or other RAL finishes on request) or stainless steel AISI 316.
- Power cable HO5RN-F 2x0.75mm² L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Optics available: lenses
- Ingress Protection: IP67
- IK Rate: IK07

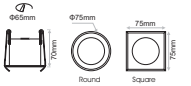
LIGHTSOURCE BY bridgelux

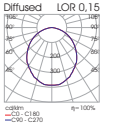
IP67

Model	Power	CCT	CRI80 LED Source 80 (80)	Beam Angle	Shape	Type	Colour*	Dimming Option	Extras
NORDIA DIFFUSED (NORDIA DF)	**2.1W** (2)	2700K (27B) 3000K (30B) 4000K (40B)	261lm 271lm 286lm	Diffused (DF)	Round (RD) Square (SQ)	Fixed (FX)	White (WH) Black (BL) Stainless Steel (SS)	Without Driver (00) 24VDC Non Dimmable (24ND) 230V Phase Cut (230PC)	No Extras (0) Emergency Kit (1)

* Other RAL finishes available on request.

Ordering Code Example: NORDIA DF2-30B-80-DF-SQ-FX-SS-00-0





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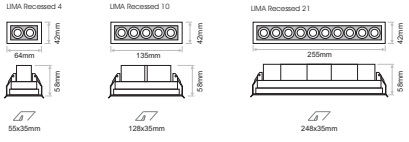
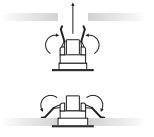
LIMA RC

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and trimless installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40





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ELECTRON

CREE LEDs

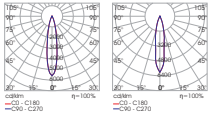
IP40

Model (LED Power)	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
		80 (80)	90 (90)					
LIMA 4W Recessed (LIMA 4 RC)	2700K (27C)	528lm	464lm	Fixed (FX)	15° (15)	White/White (WW)	Without Driver (00)	**COVER** Standard (01)
	3000K (30C)	528lm	494lm		30° (30)	White/Black (WB)	Non Dimmable (ND)	(XX)
	4000K (40C)	562lm	528lm		50° (50)	Black/Black (BB)	Analogue (1-10V) (A1)	**EXTRAS**
	6500K (65C)	592lm	-		15°x35° (1535)	Black/White (BW)	DMX (DX)	No Extras (X0)
LIMA 10W Recessed (LIMA 10 RC)	2700K (27C)	1320lm	1160lm				DALI (DL)	Emergency Kit (X1)
	3000K (30C)	1320lm	1235lm				Push Button (PB)	
	4000K (40C)	1405lm	1320lm				Phase Cut (PC)	
	6500K (65C)	1480lm	-				Wireless* (WL)	
LIMA 21W Recessed (LIMA 21 RC)	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

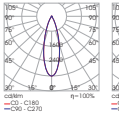
Ordering Code Example: *LIMA 21 RC-30C-80-FX-30-WW-ND-00*

White *(Mask)* 15° LOR 0,74

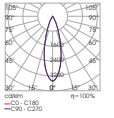


Black *(Mask)* 15° LOR 0,63

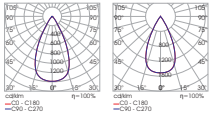
White *(Mask)* 30° LOR 0,83



Black *(Mask)* 30° LOR 0,76

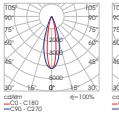


White *(Mask)* 50° LOR 0,78

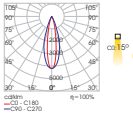


Black *(Mask)* 50° LOR 0,70

White *(Mask)* 15°x35° LOR 0,81



Black *(Mask)* 15°x35° LOR 0,74



Luminaire Colour: Trim/Mask

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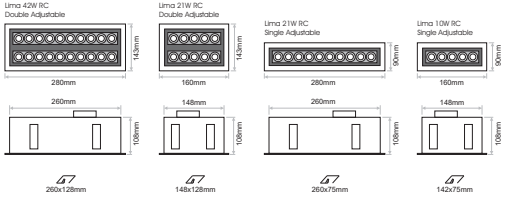
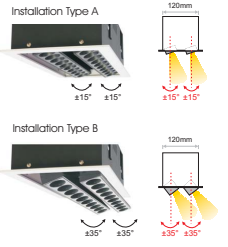
LIMA RC ADJUSTABLE

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and trimless installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40





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ELECTRON

CREE LEDs

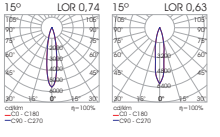
IP40

Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
LIMA 10W Recessed Single Adjustable *(LIMA 10 RC SA)*	2700K (27C)	1320lm	1160lm	Adjustable (AD)	15° (15)	White/White (WW)	Without Driver (00)	COVER: Standard (0x)
	3000K (30C)	1320lm	1235lm		30° (30)	White/Black (WB)	Non Dimmable (ND)	
	4000K (40C)	1405lm	1320lm		50° (50)	Black/Black (BB)	Analogue (1-10V) (A1)	(XX)
	6500K (65C)	1480lm	-		15°x35° (1535)	Black/White (BW)	DMX (DX)	EXTRAS: No Extras (x0)
LIMA 21W Recessed Single Adjustable *(LIMA 21 RC SA)*	2700K (27C)	2640lm	2320lm				DALI (DL)	Emergency Kit (x1)
	3000K (30C)	2640lm	2470lm				Push Button (PB)	
	4000K (40C)	2810lm	2640lm				Phase Cut (PC)	
	6500K (65C)	2960lm	-				Wireless* (WL)	
LIMA 21W Recessed Double Adjustable *(LIMA 21 RC DA)*								
LIMA 42W Recessed Double Adjustable *(LIMA 42 RC DA)*	2700K (27C)	5280lm	4640lm					
	3000K (30C)	5280lm	4940lm					
	4000K (40C)	5620lm	5280lm					
	6500K (65C)	5920lm	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

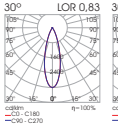
Ordering Code Example: LIMA 21 RC SA-30C-80-AD-30-WW-ND-00

White *(Mask)* 15° LOR 0,74

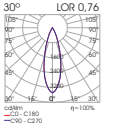


Black *(Mask)* 15° LOR 0,63

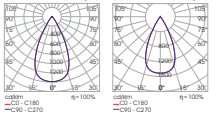
White *(Mask)* 30° LOR 0,83



Black *(Mask)* 30° LOR 0,76

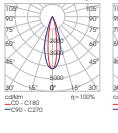


White *(Mask)* 50° LOR 0,78

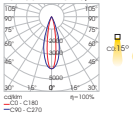


Black *(Mask)* 50° LOR 0,70

White *(Mask)* 15°x35° LOR 0,81



Black *(Mask)* 15°x35° LOR 0,74



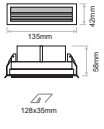
Luminaire Colour: Trim/Mask

LIMA WASH RC

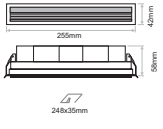
Ceiling Recessed

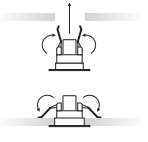
- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and trimless installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Constant current
- Indoor use: IP40

LIMA WASH 10



LIMA WASH 21





CREE LEDs

IP40

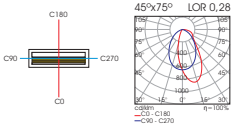
Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option		Accessories	
									COVER	
LIMA WASH 10W Recessed *(LIMA W10 RC)*	2700K *(27C)*	*1320lm*	*1160lm*	Fixed *(FX)*	45°x75° *(45)*	White/Black *(WB)*	Without Driver	*(00)*	Standard	*(0X)*
	3000K *(30C)*	*1320lm*	*1235lm*			Black/Black *(BB)*	Non Dimmable	*(ND)*		↓
	4000K *(40C)*	*1405lm*	*1320lm*				Analogue (1-10V)	*(A1)*		*(XX)*
	6500K *(65C)*	*1480lm*	-				DMX	*(DX)*	***EXTRAS***	↑
							DALI	*(DL)*	No Extras	*(X0)*
LIMA WASH 21W Recessed *(LIMA W21 RC)*	2700K *(27C)*	*2640lm*	*2320lm*				Push Button	*(PB)*	Emergency Kit	*(X1)*
	3000K *(30C)*	*2640lm*	*2470lm*				Phase Cut	*(PC)*		
	4000K *(40C)*	*2810lm*	*2640lm*				Wireless*	*(WL)*		
	6500K *(65C)*	*2960lm*	-							

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *LIMA W21 RC-30C-80-FX-45-WB-ND-00*

Black *(Mask)*

45°x75° LOR 0,28



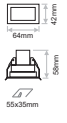
Luminaire Colour: Trim/Mask

LIMA DIFFUSED RC

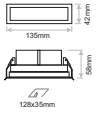
Ceiling Recessed

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and trimless installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Constant current
- Indoor use: IP40

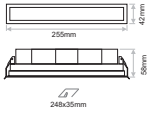
LIMA Diffused Recessed 4

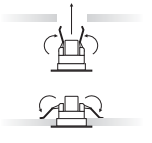


LIMA Diffused Recessed 10



LIMA Diffused Recessed 21





CREE LEDs

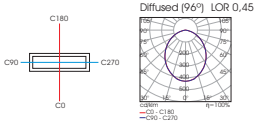
IP40

Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour: Mask	Dimming Option	Accessories
LIMA Diffused 4W Recessed *(LIMA DF 4 RC)*	2700K (27C)	528lm	464lm	Fixed (FX)	Diffused (DF)	White (WH)	Without Driver (00)	**COVER** Standard (0X)
	3000K (30C)	528lm	494lm			Black (BL)	Non Dimmable (ND)	
	4000K (40C)	562lm	528lm				Analogue (1-10V) (A1)	[XX]
	6500K (65C)	592lm	-				DMX (DX)	**EXTRAS**
LIMA Diffused 10W Recessed *(LIMA DF 10 RC)*	2700K (27C)	1320lm	1160lm				DALI (DL)	No Extras (X0)
	3000K (30C)	1320lm	1235lm				Push Button (PB)	Emergency Kit (X1)
	4000K (40C)	1405lm	1320lm				Phase Cut (PC)	
	6500K (65C)	1480lm	-				Wireless* (WL)	
LIMA Diffused 21W Recessed *(LIMA DF 21 RC)*	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *LIMA DF 10 RC-30C-80-FX-DF-WH-ND-00*

White
Diffused (96°) LOR 0,45

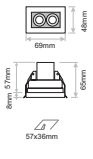


Luminaire Colour:

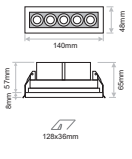
LIMA IP44

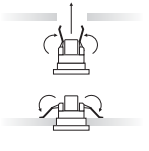
- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Ingress Protection: IP44

LIMA 4 IP44



LIMA 10 IP44





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ELECTRON

CREE LEDs

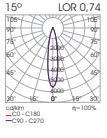
IP44

Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
LIMA 4W IP44 Recessed *(LIMA 4 44RC)*	2700K (27C)	528lm	464lm	Fixed (FX)	15° (15)	White/White (WW)	Without Driver (00)	**COVER** Standard (0X)
	3000K (30C)	528lm	494lm		30° (30)	White/Black (WB)	Non Dimmable (ND)	(XX)
	4000K (40C)	562lm	528lm		50° (50)	Black/Black (BB)	Analogue (1-10V) (A1)	**EXTRAS**
	6500K (65C)	592lm	-		15°x35° (1535)	Black/White (BW)	DMX (DX)	No Extras (X0)
LIMA 10W IP44 Recessed *(LIMA 10 44RC)*	2700K (27C)	1320lm	1160lm				DALI (DL)	Emergency Kit (X1)
	3000K (30C)	1320lm	1235lm				Push Button (PB)	
	4000K (40C)	1405lm	1320lm				Phase Cut (PC)	
	6500K (65C)	1480lm	-				Wireless* (WL)	

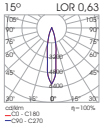
* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *LIMA 10 44RC-30C-80-FX-30-WW-ND-00*

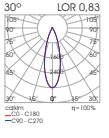
White *(Mask)* 15° LOR 0,74



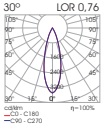
Black *(Mask)* 15° LOR 0,63



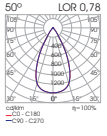
White *(Mask)* 30° LOR 0,83



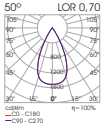
Black *(Mask)* 30° LOR 0,76



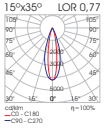
White *(Mask)* 50° LOR 0,78



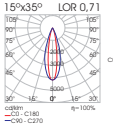
Black *(Mask)* 50° LOR 0,70



White *(Mask)* 15°x35° LOR 0,77



Black *(Mask)* 15°x35° LOR 0,71



Luminaire Colour: Trim/Mask

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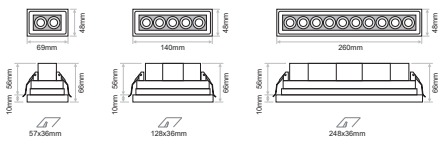
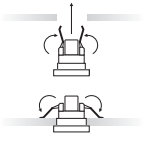
LIMA IP65

Ceiling Recessed

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Ingress Protection: IP65 (face only)





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ELECTRON

CREE LEDs

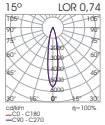
IP65

Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
LIMA 4W IP65 Recessed *(LIMA 4 65RC)*	2700K (27C)	528lm	464lm	Fixed (FX)	15° (15)	White/White (WW)	Without Driver (00)	**COVER** Standard (0X)
	3000K (30C)	528lm	494lm		30° (30)	White/Black (WB)	Non Dimmable (ND)	↓ (XX)
	4000K (40C)	562lm	528lm		50° (50)	Black/Black (BB)	Analogue (1-10V) (A1)	↑ **EXTRAS**
	6500K (65C)	592lm	-		15°x35° (1535)	Black/White (BW)	DMX (DX)	No Extras (X0)
LIMA 10W IP65 Recessed *(LIMA 10 65RC)*	2700K (27C)	1320lm	1160lm				DALI (DL)	Emergency Kit (X1)
	3000K (30C)	1320lm	1235lm				Push Button (PB)	
	4000K (40C)	1405lm	1320lm				Phase Cut (PC)	
	6500K (65C)	1480lm	-				Wireless* (WL)	
LIMA 21W IP65 Recessed *(LIMA 21 65RC)*	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

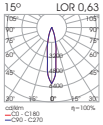
* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMA 21 65RC-30C-80-FX-30-WW-ND-00

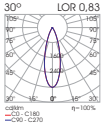
White *(Mask)* 15° LOR 0,74



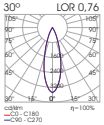
Black *(Mask)* 15° LOR 0,63



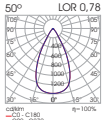
White *(Mask)* 30° LOR 0,83



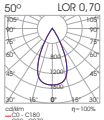
Black *(Mask)* 30° LOR 0,76



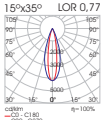
White *(Mask)* 50° LOR 0,78



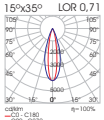
Black *(Mask)* 50° LOR 0,70



White *(Mask)* 15°x35° LOR 0,77



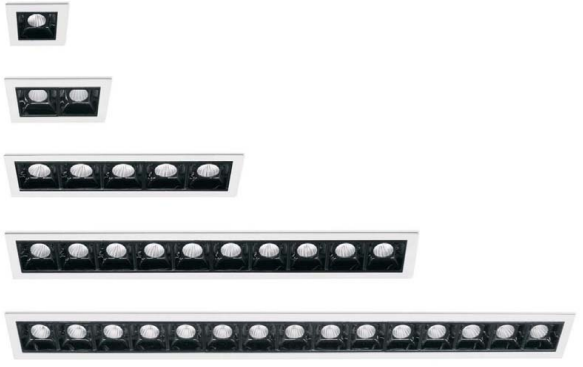
Black *(Mask)* 15°x35° LOR 0,71

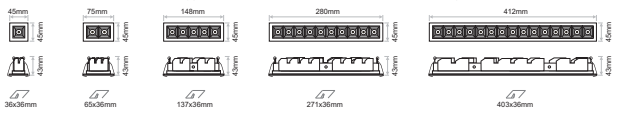


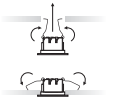
Luminaire Colour: Trim/Mask

LANE RC

- Lane series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40







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CREE LEDs

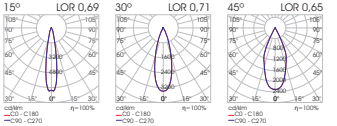
IP40

Model (LED Power)	CCT	CRI80 LED Source	CRI90 LED Source	Type	Beam Angle	Luminaire Colour: Trim	Dimming Option	Accessories
		80 *(80)*	90 *(90)*					
LANE 2W Recessed *(LANE 2 RC)*	2700K *(27C)*	264lm	232lm	Fixed *(FX)*	15° *(15)*	White *(WH)*	Without Driver *(00)*	***EXTRAS***
	3000K *(30C)*	264lm	247lm		30° *(30)*	Black *(BL)*	Non Dimmable *(ND)*	No Extras *(0)*
	4000K *(40C)*	281lm	264lm		45° *(45)*		Analogue (1-10V) *(A1)*	Emergency Kit *(1)*
	6500K *(65C)*	296lm	-				DMX *(DX)*	
LANE 4W Recessed *(LANE 4 RC)*	2700K *(27C)*	528lm	464lm				DALI *(DL)*	
	3000K *(30C)*	528lm	494lm				Push Button *(PB)*	
	4000K *(40C)*	562lm	528lm				Phase Cut *(PC)*	
	6500K *(65C)*	592lm	-				Wireless* *(WL)*	
LANE 10W Recessed *(LANE 10 RC)*	2700K *(27C)*	1320lm	1160lm					
	3000K *(30C)*	1320lm	1235lm					
	4000K *(40C)*	1405lm	1320lm					
	6500K *(65C)*	1480lm	-					
LANE 21W Recessed *(LANE 21 RC)*	2700K *(27C)*	2640lm	2320lm					
	3000K *(30C)*	2640lm	2470lm					
	4000K *(40C)*	2810lm	2640lm					
	6500K *(65C)*	2960lm	-					
LANE 31W Recessed *(LANE 31 RC)*	2700K *(27C)*	3960lm	3480lm					
	3000K *(30C)*	3960lm	3705lm					
	4000K *(40C)*	4215lm	3960lm					
	6500K *(65C)*	4440lm	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:

LANE 21 RC-30C-80-FX-30-WH-ND-00



LANE 21 RC ADJ

Ceiling Recessed

- Lane series is a complete series of die cast aluminium luminaires.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40

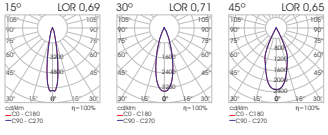
CREE LEDs

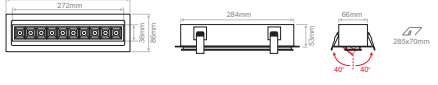
IP40

Model	LED Power	CCT	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour: Trim	Dimming Option	Accessories
			80 (80)	90 (90)					
LANE Recessed Adjustable (LANE RCA)	**21W** (21)	2700K (27C)	2640lm	2320lm	15° (15)	Adjustable (AD)	White (WH)	Without Driver (00)	***EXTRAS***
		3000K (30C)	2640lm	2470lm	30° (30)		Black (BL)	Non Dimmable (ND)	No Extras (0)
		4000K (40C)	2810lm	2640lm	45° (45)			Analogue (1-10V) (A1)	Emergency Kit (1)
		6500K (65C)	2960lm	-				DMX (DX)	
								DALI (DL)	
								Push Button (PB)	
								Phase Cut (PC)	
								Wireless* (WL)	

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *LANE RCA-21-30C-80-30-AD-WH-ND-0*





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ELECTRON

a|2 Showroom, Athens, Greece
Architect: Nikos Gilos

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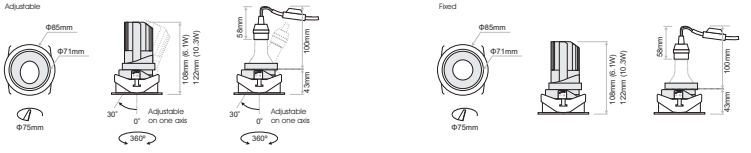
FOCUS RC

Ceiling Recessed

- Focus is a series of recessed downlights.
- Offered with IP44 (face only) LED module or with GU10 lampholder (max 7.5 Watt).
- Available either fixed or adjustable.
- Outer ring offered in white or black colour, inner ring availbale in white, black, gold or silver colour.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<10)



LIGHTSOURCE BY bridgelux

Name	Model (LED Power)	CCT*	CRI80, CRI90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80) 90 (90)					
FOCUS Recessed (FOCUS RC)	**6.1W** (6)	2700K (27B) 812lm 671lm 3000K (30B) 845lm 705lm 4000K (40B) 879lm 733lm		18° (18) 24° (24) 32° (32) 48° (48)	Adjustable (AD) Fixed (FX)	(XX) *Trim* White (W) Black (B) *Inner* White (W) Black (B) Gold (G) Silver (S)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	No Extra (00) Emergency Kit (01)
	10.3W (10)	2700K (27B) 1379lm 1138lm 3000K (30B) 1435lm 1180lm 4000K (40B) 1479lm 1265lm						
			95 (95)					
	Warm Dimming 6.1W (WD)	1800K-3000K (1830B) 518lm					Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless*** (WL)	

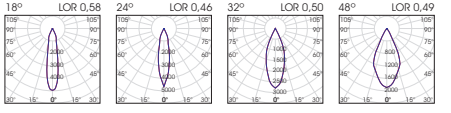
* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

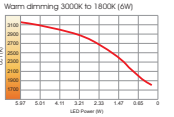
Ordering Code Example: FOCUS RC-6-30B-90-32-AD-WB-00-00

Model	Type	Luminaire Colour	Lamp Holder
FOCUS Recessed LL (FOCUS RC LL)	Adjustable (AD) Fixed (FX)	(XX) *Trim* White (W) Black (B) *Inner* White (W) Black (B) Gold (G) Silver (S)	GU10 (max 7.5W) (G1)

Lamp Not included

Ordering Code Example: FOCUS RC LL-FX-WB-G1



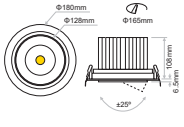


ERIS

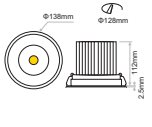
Ceiling Recessed

- ERIS series is a recessed downlight available either fixed or adjustable.
- It is offered in four different power consumptions and in a vast variety of beam angles.
- Outer case available in white or black colour. Inner case available in white, black, silver or gold colour.
- 3 SDCM
- L90/B10 50.000h

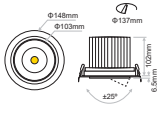
L Adjustable



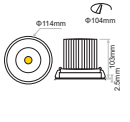
L Fixed



M Adjustable



M Fixed



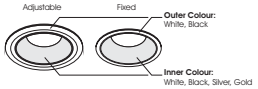
LIGHTSOURCE BY bridgelux. Monochromatic, WD

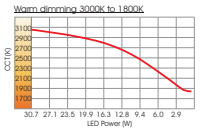
CREE LEDs RGBW

Model	LED Power	CCT*	CRI / LED Source	Beam Angle**	Type	Luminaire Colour (XX)	Dimming Option	Accessories (XX)
			80 (80)	90 (90)		Outer: White (W), Black (B); Inner: White (W), Black (B), Silver (S), Gold (G)		Cover: Standard (0*), Honeycomb**** (1*); Extras: No Extras (*0), Emergency (*1)
ERIS M (ERIS M)	**17.2W** (17)	2700K (27B)	2477lm	2044lm	24° (24)	Adjustable (AD)	Without Driver (00)	
		3000K (30B)	2633lm	2138lm	32° (32)	Fixed (FX)	Non Dimmable (ND)	
		4000K (40B)	2710lm	2261lm	40° (40)		Analogue (1-10V) (A1)	
		5000K (50B)	2741lm	2370lm	52° (52)		DMX (DX)	
	24.8W (25)	2700K (27B)	3375lm	2784lm			DALI (DL)	
		3000K (30B)	3586lm	2911lm			Push Button (PB)	
		4000K (40B)	3691lm	3080lm			Phase Cut (PC)	
		5000K (50B)	3734lm	3227lm			Wireless*** (WL)	
	Warm Dimmable			95 (95)				
	23.9W (24)	Warm Dimmable 1800K--3000K (WD)		2210lm				
	R G B W				40° (40)		Without Driver (00)	
	29.5W (30)	RGBW (RGBW)		2075lm	52° (52)		DMX (DX)	
							DALI (DL)	
							Wireless** (WL)	
ERIS L (ERIS L)	**32.4W** (32)	2700K (27B)	4339lm	3579lm	12° (12)			
		3000K (30B)	4610lm	3742lm	20° (20)			
		4000K (40B)	4745lm	3960lm	30° (30)			
		5000K (50B)	4800lm	4149lm	40° (40)			
					60° (60)			
	38.5W (39)	2700K (27B)	5062lm	4175lm				
		3000K (30B)	5378lm	4365lm				
		4000K (40B)	5535lm	4620lm				
		5000K (50B)	5600lm	4840lm				
	Warm Dimmable			95 (95)				
	30.7W (31)	Warm Dimmable 1800K--3000K (WD)		2840lm				
	R G B W				40° (40)		Without Driver (00)	
	42W (42)	RGBW (RGBW)		2695lm	60° (60)		DMX (DX)	
							DALI (DL)	
							Wireless** (WL)	

* Models with CCTs of 3500K & 6500K are available upon request.
** ERIS M: 40°/52° & ERIS L: 40°/60° are offered with glass.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.
**** Honeycomb applicable only for ERIS M: 40°/52° & ERIS L: 40°/60°. Please refer to relevant polar curves for final luminaire output. Honeycomb not available for RGBW option.

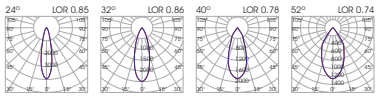
Ordering Code Example: ERIS L-32-30B-90-40-AD-WB-00-10

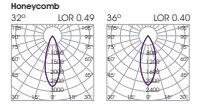




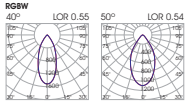
ERIS M

Inner Colour: **WHITE**



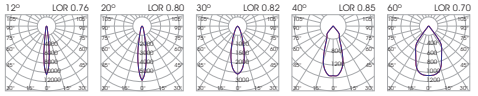


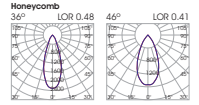
RGBW



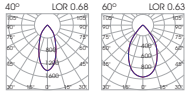
ERIS L

Inner Colour: **WHITE**





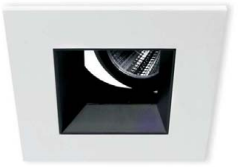
RGBW



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

MERLYN XL

- Merlyn series consists of adjustable downlights in round or square form.
- Available in 18 / 25 /32 Watt.
- Available with honeycomb, line spread and softening lens as extra.
- 3 SDCM
- L90/B10 50000h
- UGR<10



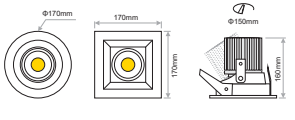
LIGHTSOURCE BY LUMINUS (for 18W & 25W)

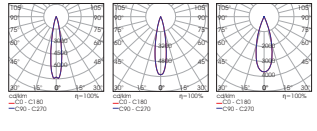
LIGHTSOURCE BY bridgelux (for 32W)

Model	LED Power*	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
			CRI95						**COVER**
MERLYN XL Round *(MERLYN XLR)*	**18W** *(18)*	2700K *(27L)*	*2000lm*	Adjustable *(AD)*	95 *(95)*	24° *(24)*	White *(WH)*	Without Driver *(00)*	Standard *(0*)*
		3000K *(30L)*	*2115lm*			38° *(38)*	Black *(BL)*	Non-Dimmable *(ND)*	Honeycomb *(1*)*
		3500K *(35L)*	*2177lm*					Analogue (1-10V) *(A1)*	Line spread lens *(2*)*
		4000K *(40L)*	*2250lm*					DMX *(DX)*	Softening lens *(3*)*
		5000K *(50L)*	*2313lm*					DALI *(DL)*	*(XX)*
MERLYN XL Square *(MERLYN XLS)*								Wireless** *(WL)*	**EXTRAS**
	25W *(25)*	2700K *(27L)*	*2613lm*						No Extras *(*0)*
		3000K *(30L)*	*2763lm*						Emergency Kit *(*1)*
		3500K *(35L)*	*2845lm*						
		4000K *(40L)*	*2940m*						
		5000K *(50L)*	*3022lm*						
			CRI80 CRI90						
	32W *(32)*	2700K *(27B)*	*4485lm 3701lm*		80 *(80)*				
		3000K *(30B)*	*4766lm 3868lm*		90 *(90)*				
		3500K *(35B)*	*4877lm 4009lm*						
		4000K *(40B)*	*4906lm 4092lm*						
		5000K *(50B)*	*4962lm 4289lm*						

*Lightsource by LUMINUS for 18W & 25W, and by BRIDGELUX for 32W
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *MERLYN XLR25-40L-AD-95-38-WH-ND-00*



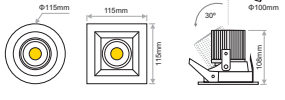


ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

MERLYN

Ceiling Recessed

- Merlyn is a recessed adjustable downlight in round or square form.
- Available in 9/13 watt & 6/12 watt (WD).
- Available with honeycomb, line spread and softening lens as extra.
- 3 SDCM
- L90/B10 50000h
- UGR<10
- IP40



LIGHTSOURCE BY LUMINUS Monochromatic

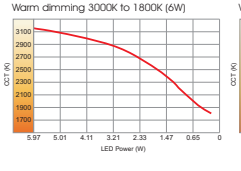
LIGHTSOURCE BY bridgelux WD

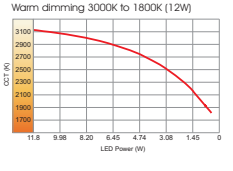
IP40

Model	LED Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
MERLYN Round *(MERLYN R)* **MERLYN Square** *(MERLYN S)*	**9W** *(09)*	2700K *(27L)* 3000K *(30L)* 3500K *(35L)* 4000K *(40L)* 5000K *(50L)*	*958lm* *1020lm* *1051lm* *1093lm* *1103lm*	Adjustable *(AD)*	95 *(95)*	24° *(24)* 38° *(38)*	White *(WH)* Black *(BL)*	Without Driver *(00)* Non-Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Wireless* *(WL)*	***COVER*** Standard *(0X)* Honeycomb *(1X)* Line spread *(2X)* Softening lens *(3X)* → *(XX)* ***EXTRAS*** No Extras *(X0)* Emergency *(X1)*
	13W *(13)*	2700K *(27L)* 3000K *(30L)* 3500K *(35L)* 4000K *(40L)* 5000K *(50L)*	*1252lm* *1334lm* *1375lm* *1429lm* *1443lm*						
	Warm Dimmable								
	6W *(WD6)*	Warm Dimmable 1800K~3000K *(1830B)*	*518lm*			20° *(20)* 38° *(38)*		Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless* *(WL)*	
	11.8W *(WD12)*	Warm Dimmable 1800K~3000K *(1830B)*	*1045lm*						

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *MERLYN S09-30L-AD-95-24-WH-ND-00*

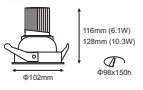


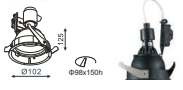


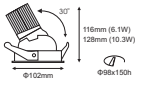
MERLYN IP44

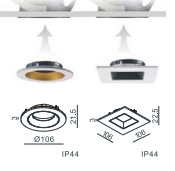
Ceiling Recessed

- Merlyn IP44 is a fixed downlight available with LED or with GU10 lamp holder for LED lamps.
- High antiglare rate due to its depth.
- Material : aluminium die cast.
- Variety of colour combinations.
- Variety of accessories: honeycomb/spread lens/soft lens/ line spread lens.
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP44 (face only)









ELECTRON

LIGHTSOURCE BY bridgelux

IP44

Model	LED Power	CCT*	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
MERLYN IP44 Round *(MERLYN 44R)*	**6.1W** *(06)*	2700K *(27B)*	812lm	671lm	Adjustable *(AD)*	80 *(80)*	16° *(16)*	White-White *(WW)*	Without Driver *(00)*	***COVER***
		3000K *(30B)*	845lm	705lm		90 *(90)*	25° *(25)*	White-Black *(WB)*	Non Dimmable *(ND)*	Standard *(0X)*
		4000K *(40B)*	879lm	733lm	Fixed *(FX)*		36° *(36)*	White-Gold *(WG)*	Analogue (1-10V) *(A1)*	Honeycomb *(1X)*
MERLYN IP44 Square *(MERLYN 44S)*	**10.3W** *(10)*	2700K *(27B)*	1379lm	1138lm			50° *(50)*	Black-Black *(BB)*	DMX *(DX)*	Line spread *(2X)*
		3000K *(30B)*	1435lm	1180lm				Black-Gold *(BG)*	DALI *(DL)*	Softening lens *(3X)*
		4000K *(40B)*	1479lm	1265lm					Push Button *(PB)*	Spread Lens *(4X)*
									Phase Cut *(PC)*	*(XX)*
									Wireless *** *(WL)*	***EXTRAS***
		Warm Dimmable		CRI95						No Extras *(X0)*
	6.1W *(WD6)*	Warm Dimmable 1800K~3000K *(1890B)*		518lm		95 *(95)*			Analogue (1-10V) *(A1)*	Emergency *(X1)*
									DALI *(DL)*	
									Phase Cut *(PC)*	
									Wireless** *(WL)*	

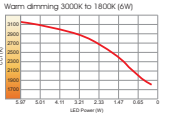
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** Other RAL colours available upon request
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

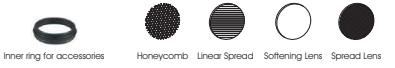
Ordering Code Example: *MERLYN 44R10-30B-FX-90-50-WW-ND-00*

Model	Share	Trim Colour	Type	Lamp Holder
MERLYN IP44 Retrofit *(MERLYN 44 RE)*	Round *(RD)*	White-White *(WW)*	Adjustable *(AD)*	GU10 *(G1)*
	Square *(SQ)*	White-Black *(WB)*	Fixed *(FX)*	
		White-Gold *(WG)*		
		Black-Black *(BB)*		
		Black-Gold *(BG)*		

Lamp
Not included

Ordering Code Example: *MERLYN 44 RE-RD-BG-FX-G1*

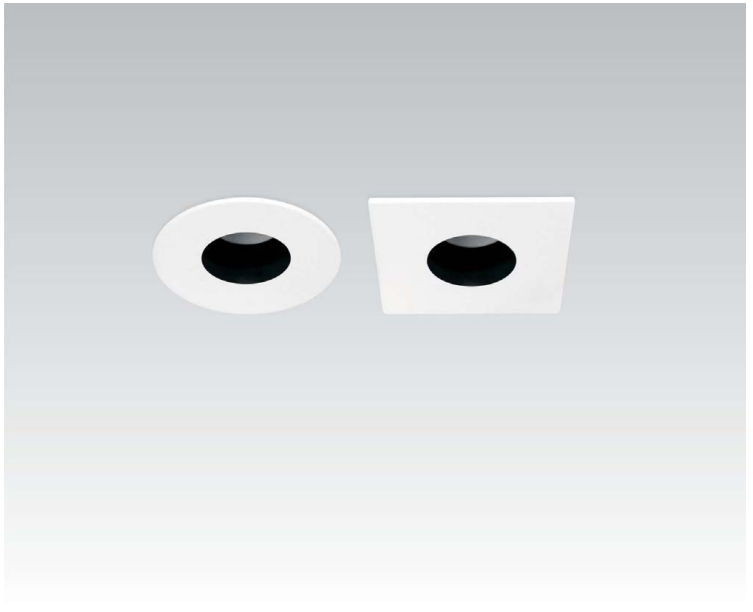


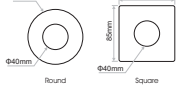


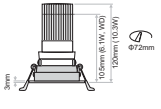
CASTALIA R

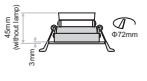
Ceiling Recessed

- Recessed spots for indoor use.
- Ideal for antiglare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- 3 SDCM
- L90/B10 50000h









Magnetic installation

ELECTRON

LIGHTSOURCE BY bridgelux

Name	Shape	Model (LED Power)	CCT*	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
CASTALIA R *(CASTALIA R)*	Round *(R)* Square *(S)*	**6.1W** *(06)*	2700K *(27)* 3000K *(30)* 4000K *(40)*	*812lm* *845lm* *879lm*	*677lm* *705lm* *733lm*	Fixed *(FX)*	80 *(80)* 90 *(90)*	14° *(14)* 20° *(20)* 30° *(30)* 36° *(36)*	White *(WH)* Black *(BL)*	Without Driver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Push Button *(PB)* Phase Cut *(PC)* Wireless*** *(WL)*	No Extra *(00)* Emergency Kit *(01)*
		10.3W *(10)*	2700K *(27)* 3000K *(30)* 4000K *(40)*	*1379lm* *1435lm* *1479lm*	*1138lm* *1180lm* *1265lm*						
		Warm Dimming 6.1W *(WD06)*	1800K-3000K *(1830)*		*CRI95* *518lm*		95 *(95)*			Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless*** *(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *CASTALIA RR06-30B-FX-90-36-WH-DL-00*

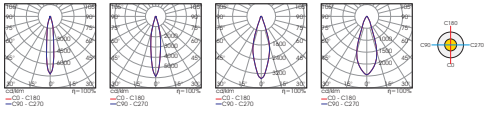
CASTALIA R LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA R LL *(CASTALIA R LL)*	Round *(RD)* Square *(SQ)*	White *(WH)* Black *(BL)*	Fixed *(FX)*	GU10 (max 7.5W) (G1)

Lamp
Not included

* Other RAL colours available upon request

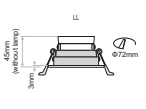
Ordering Code Example: *CASTALIA R LL-RD-WH-FX-G1*



CASTALIA S

Ceiling Recessed

- Recessed spots for indoor use.
- Ideal for antiglare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- 3 SDCM
- L90/B10 50000h



LIGHTSOURCE BY bridgelux

Name	Shape	Model (LED Power)	CCT*	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
CASTALIA S *(CASTALIA S)*	Round *(R)*	**6.1W** *(06)*	2700K *(27)*	*812lm*	*677lm*	Fixed *(FX)*	80 *(80)*	18° *(18)*	White *(WH)*	Without Driver *(00)*	No Extra *(00)*
			3000K *(30)*	*845lm*	*705lm*		90 *(90)*	22° *(22)*	Black *(BL)*	Non Dimmable *(ND)*	Emergency Kit *(01)*
			4000K *(40)*	*879lm*	*733lm*			30° *(30)*		Analogue (1-10V) *(A1)*	
										DMX *(DX)*	
		10.3W *(10)*	2700K *(27)*	*1379lm*	*1138lm*					DALI *(DL)*	
			3000K *(30)*	*1435lm*	*1180lm*					Push Button *(PB)*	
			4000K *(40)*	*1479lm*	*1265lm*					Phase Cut *(PC)*	
										Wireless*** *(WL)*	
					CRI95						
		Warm Dimming 6.1W *(WD06)*	1800K-3000K *(18308)*		*518lm*		95 *(95)*			Analogue (1-10V) *(A1)*	
										DALI *(DL)*	
										Phase Cut *(PC)*	
										Wireless*** *(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

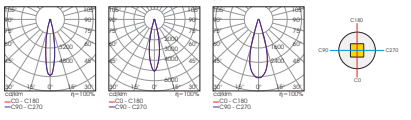
Ordering Code Example: *CASTALIA SR06-30B-FX-90-22-WH-DL-00*

CASTALIA S LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA S LL *(CASTALIA S LL)*	Round *(RD)*	White *(WH)* Black *(BL)*	Fixed *(FX)*	GU10 (max 7.5W) *(G1)*

* Other RAL colours available upon request

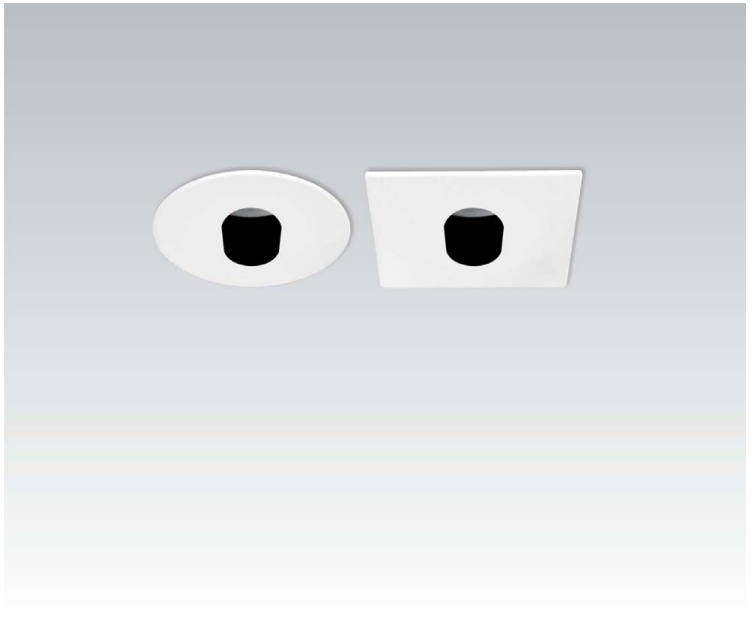
Ordering Code Example: *CASTALIA S LL-RD-WH-FX-G1*

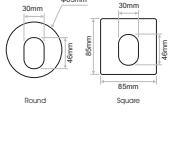


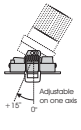
CASTALIA E

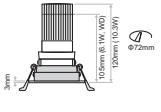
Ceiling Recessed

- Recessed spots for indoor use.
- Ideal for antiglare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- Adjustable on one axis.
- 3 SDCM
- L90/B10 50000h









ELECTRON

LIGHTSOURCE BY bridgelux

Name	Shape	Model (LED Power)	CCT*	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle	Colour**	Dimming Option		Accessories
CASTALIA E *(CASTALIA E)*	Round *(R)* Square *(S)*	**6.1W** *(06)*	2700K *(27B)*	*812lm*	*677lm*	Adjustable *(AD)*	80 *(80)* 90 *(90)*	18°x22° *(18)* 25°x20° *(25)* 34°x28° *(34)* 50°x20° *(50)*	White *(WH)* Black *(BL)*	Without Driver	*(00)*	No Extra *(00)*
			3000K *(30B)*	*845lm*	*705lm*					Non Dimmable	*(ND)*	
			4000K *(40B)*	*879lm*	*733lm*					Analogue (1-10V)	*(A1)*	Emergency Kit *(01)*
										DMX	*(DX)*	
										DALI	*(DL)*	
		10.3W *(10)*	2700K *(27B)*	*1379lm*	*1138lm*					Push Button	*(PB)*	
			3000K *(30B)*	*1435lm*	*1180lm*					Phase Cut	*(PC)*	
			4000K *(40B)*	*1479lm*	*1265lm*					Wireless***	*(WL)*	
					CRI95							
		Warm Dimming 6.1W *(WD06)*	1800K-3000K *(1830B)*		*518lm*		95 *(95)*			Analogue (1-10V)	*(A1)*	
										DALI	*(DL)*	
										Phase Cut	*(PC)*	
										Wireless***	*(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

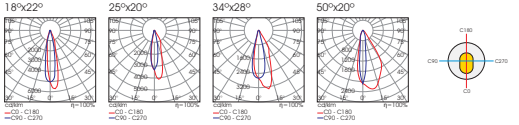
Ordering Code Example: *CASTALIA ER10-30B-AD-90-34-WH-DL-00*

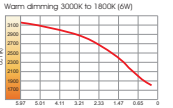
CASTALIA E LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA E LL *(CASTALIA E LL)*	Round *(RD)* Square *(SQ)*	White *(WH)* Black *(BL)*	Adjustable *(AD)*	GU10 (max 7.5W) (G1)

* Other RAL colours available upon request

Ordering Code Example: *CASTALIA E LL-RD-WH-AD-G1*

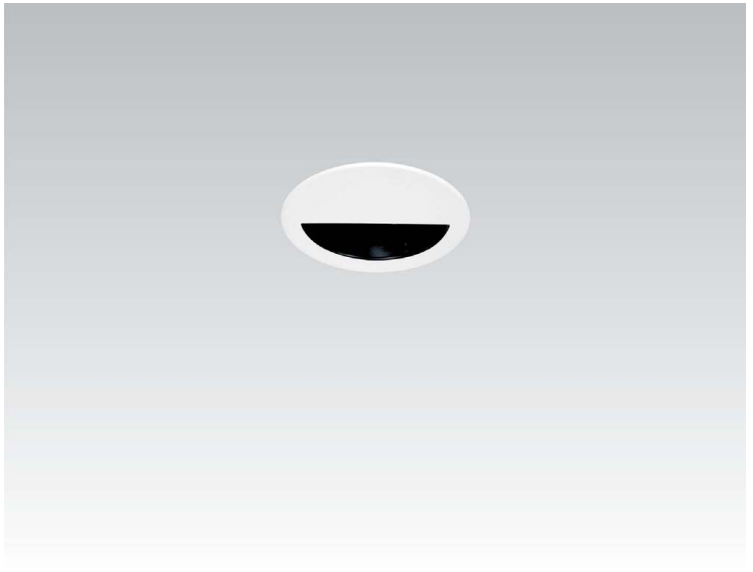


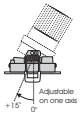


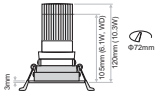
CASTALIA H

Ceiling Recessed

- Recessed spots for indoor use.
- Ideal for antiglare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- Adjustable on one axis.
- 3 SDCM
- L90/B10 50000h







ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

ELECTRON

LIGHTSOURCE BY bridgelux

Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
				CRI80 CRI90						
CASTALIA H *(CASTALIA H)*	Round *(R)*	**6.1W** *(06)*	2700K *(27B)*	812lm 677lm	Adjustable *(AD)*	80 *(80)*	18°x22° *(18)*	White *(WH)*	Without Driver *(00)*	No Extra *(00)*
			3000K *(30B)*	845lm 705lm		90 *(90)*	25°x20° *(25)*		Non Dimmable *(ND)*	
			4000K *(40B)*	879lm 733lm			34°x28° *(34)*	Black *(BL)*	Analogue (1-10V) *(A1)*	Emergency Kit *(01)*
							30°x50° *(30)*		DMX *(DX)*	
		10.3W *(10)*	2700K *(27B)*	1379lm 1138lm					DALI *(DL)*	
			3000K *(30B)*	1435lm 1180lm					Push Button *(PB)*	
			4000K *(40B)*	1479lm 1265lm					Phase Cut *(PC)*	
									Wireless*** *(WL)*	
				CRI95						
		Warm Dimming 6.1W *(WD06)*	1800K-3000K *(1830B)*	518lm		95 *(95)*			Analogue (1-10V) *(A1)*	
									DALI *(DL)*	
									Phase Cut *(PC)*	
									Wireless*** *(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *CASTALIA HR10-30B-AD-90-25-WH-DL-00*

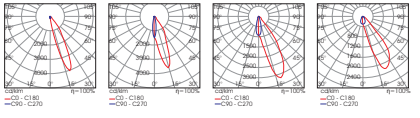
CASTALIA H LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA H LL *(CASTALIA H LL)*	Round *(RD)*	White *(WH)* Black *(BL)*	Adjustable *(AD)*	GU10 (max 7.5W) (G1)

Lamp
Not included

* Other RAL colours available upon request

Ordering Code Example: *CASTALIA H LL-RD-WH-AD-G1*



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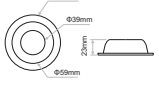
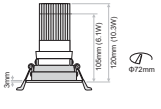
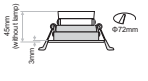
CASTALIA A

Ceiling Recessed

- Recessed spots for indoor use.
- Ideal for antiglare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- 3 SDCM
- L90/B10 50000h







Magnetic installation

ELECTRON

LIGHTSOURCE BY bridgelux

Name	Shape	Model (LED Power)	CCT*	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
CASTALIA A *(CASTALIA A)*	Round *(R)*	**6.1W** *(06)*	2700K *(27B)*	*812lm*	*677lm*	Fixed *(FX)*	80 *(80)*	18° *(18)*	White *(WH)*	Without Driver *(00)*	No Extra *(00)*
			3000K *(30B)*	*845lm*	*705lm*		90 *(90)*	24° *(24)*	Black *(BL)*	Non Dimmable *(ND)*	Emergency Kit *(01)*
			4000K *(40B)*	*879lm*	*733lm*			32° *(32)*		Analogue (1-10V) *(A1)*	
								55° *(55)*		DMX *(DX)*	
										DALI *(DL)*	
		10.3W *(10)*	2700K *(27B)*	*1379lm*	*1138lm*					Push Button *(PB)*	
			3000K *(30B)*	*1435lm*	*1180lm*					Phase Cut *(PC)*	
			4000K *(40B)*	*1479lm*	*1265lm*					Wireless*** *(WL)*	
					CRI95						
		Warm Dimming 6.1W *(WD06)*	1800K-3000K *(1830B)*	*518lm*			95 *(95)*			Analogue (1-10V) *(A1)*	
										DALI *(DL)*	
										Phase Cut *(PC)*	
										Wireless*** *(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *CASTALIA AR06-30B-FX-80-55-WH-DL-00*

CASTALIA A LL

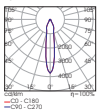
Model	Shape	Colour*	Type	Lamp Holder
CASTALIA A LL *(CASTALIA A LL)*	Round *(RD)*	White *(WH)* Black *(BL)*	Fixed *(FX)*	GU10 (max 7.5W) *(G1)*

Lamp
Not included

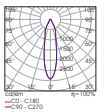
* Other RAL colours available upon request

Ordering Code Example: *CASTALIA A LL-RD-WH-FX-G1*

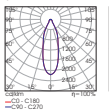
18°



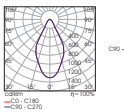
24°



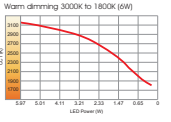
32°



55°



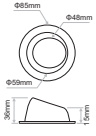
Warm dimming 3000K to 1800K (6W)

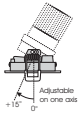


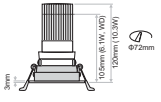
CASTALIA W

Ceiling Recessed

- Recessed spots for indoor use.
- Ideal for antiglare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- Adjustable on one axis.
- 3 SDCM
- L90/B10 50000h







LIGHTSOURCE BY bridgelux

Name	Shape	Model (LED Power)	CCT*	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle	Colour**	Dimming Option		Accessories	
CASTALIA W *(CASTALIA W)*	Round *(R)*	**6.1W** *(06)*	2700K *(27B)*	812lm	677lm	Adjustable *(AD)*	80 *(80)*	22°x18° *(22)*	White *(WH)*	Without Driver	*(00)*	No Extra	*(00)*
			3000K *(30B)*	845lm	705lm		90 *(90)*	25°x20° *(25)*		Non Dimmable	*(ND)*		
			4000K *(40B)*	879lm	733lm			34°x28° *(34)*	Black *(BL)*	Analogue (1-10V)	*(A1)*	Emergency Kit	*(01)*
		10.3W *(10)*	2700K *(27B)*	1379lm	1138lm			50°x45° *(50)*		DMX	*(DX)*		
			3000K *(30B)*	1435lm	1180lm					DALI	*(DL)*		
			4000K *(40B)*	1479lm	1265lm					Push Button	*(PB)*		
										Phase Cut	*(PC)*		
					CRI95					Wireless***	*(WL)*		
		Warm Dimming 6.1W *(WD06)*	1800K-3000K	*(1830B)* 518lm			95 *(95)*			Analogue (1-10V)	*(A1)*		
										DALI	*(DL)*		
										Phase Cut	*(PC)*		
										Wireless***	*(WL)*		

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *CASTALIA WR10-30B-AD-90-25-WH-DL-00*

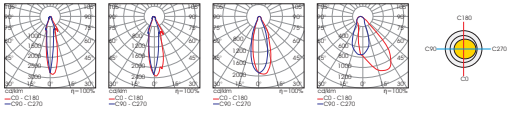
CASTALIA W LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA W LL *(CASTALIA W LL)*	Round *(RD)*	White *(WH)* Black *(BL)*	Adjustable *(AD)*	GU10 (max 7.5W) (G1)

Lamp
Not included

* Other RAL colours available upon request

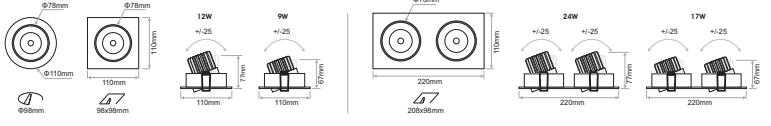
Ordering Code Example: *CASTALIA W LL-RD-WH-AD-G1*



BORRELY

Ceiling Recessed

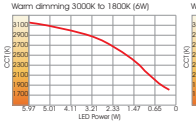
- BORRELY is an adjustable recessed downlight available single or double.
- High efficiency deep reflector with clear cover glass.
- Heat sink is of die-cast aluminium.
- 3 SDCM
- L90/B10 50.000h

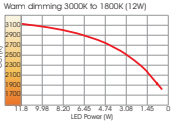


ELECTRON

LIGHTSOURCE BY bridgelux.

Model	LED Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
			CRI80	CRI90	CRI97						COVER
BORRELY Round *(BORRELY R)*	**8.9W** *(09)*	2700K *(27B)*	*1089lm*	*908lm*	-	Adjustable *(AD)*	80 *(80)*	38° *(38)*	White *(WH)*	Without Driver *(00)*	Standard *(0X)*
		3000K *(30B)*	*1135lm*	*946lm*	-		90 *(90)*			Non Dimmable *(ND)*	Diffuser *(1X)*
		4000K *(40B)*	*1180lm*	*1014lm*	-		97 *(97)*			Analogue (1-10V) *(A1)*	*(XX)*
BORRELY Square *(BORRELY S)*	**12.2W** *(12)*	2700K *(27B)*	*1575lm*	*1313lm*	-					DMX *(DX)*	EXTRAS
		3000K *(30B)*	*1657lm*	*1362lm*	-					DALI *(DL)*	No Extras *(X0)*
		4000K *(40B)*	*1706lm*	*1460lm*	-					Push Button *(PB)*	Emergency *(X1)*
		5700K *(57B)*	*1788lm*	-	-					Phase Cut *(PC)*	
	12.5W *(13)*	2700K *(27B)*	-	-	*1121lm*					Wireless** *(WL)*	
		3000K *(30B)*	-	-	*1196lm*						
	Warm Dimmable				CRI95						
	6W *(WD06)*	Warm Dimmable *(1830B)* 1800K~3000K			*518lm*		95 *(95)*			Analogue (1-10V) *(A1)*	
										DALI *(DL)*	
	11.8W *(WD12)*	Warm Dimmable *(1830B)* 1800K~3000K			*1045lm*					Phase Cut *(PC)*	
										Wireless* *(WL)*	
BORRELY DOUBLE Square *(BORRELY DS)*	**17.8W** *(18)*	2700K *(27B)*	*2178lm*	*1816lm*	-		80 *(80)*			Without Driver *(00)*	
		3000K *(30B)*	*2270lm*	*1892lm*	-		90 *(90)*			Non Dimmable *(ND)*	
		4000K *(40B)*	*2360lm*	*2028lm*	-		97 *(97)*			Analogue (1-10V) *(A1)*	
	24.4W *(24)*	2700K *(27B)*	*3150lm*	*2626lm*	-					DMX *(DX)*	
		3000K *(30B)*	*3314lm*	*2724lm*	-					DALI *(DL)*	
		4000K *(40B)*	*3412lm*	*2920lm*	-					Push Button *(PB)*	
		5700K *(57B)*	*3576lm*	-	-					Phase Cut *(PC)*	
	25W *(25)*	2700K *(27B)*	-	-	*2242lm*					Wireless** *(WL)*	
		3000K *(30B)*	-	-	*2392lm*						
	Warm Dimmable				CRI95						
	12W *(WD12)*	Warm Dimmable *(1830B)* 1800K~3000K			*1036lm*		95 *(95)*			Analogue (1-10V) *(A1)*	
										DALI *(DL)*	
	23.6W *(WD24)*	Warm Dimmable *(1830B)* 1800K~3000K			*2090lm*					Phase Cut *(PC)*	
										Wireless* *(WL)*	





VESTA

Ceiling Recessed

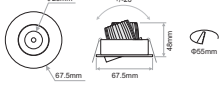
- VESTA is a small sized downlight available in round or square form.
- Increased efficiency.
- 3 SDCM
- L90/B10 50.000h

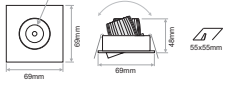
LIGHTSOURCE BY bridgelux.

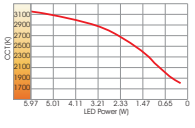
Model	LED Power	CCT*	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
VESTA Round *(VESTA R)* **VESTA Square** *(VESTA S)*	**6.1W** *(06)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)*	*785lm* *817lm* *850lm*	*654lm* *681lm* *730lm*	Adjustable *(AD)*	80 *(80)* 90 *(90)*	43° *(43)*	White *(WH)*	Without Driver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Push Button *(PB)* Phase Cut *(PC)* Wireless** *(WL)*	***COVER*** Standard *(**0**X)* *(XX)* ***EXTRAS*** No Extras *(X**0**)* Emergency *(X**1**)*
Warm Dimmable				*CRI95*						
	6W *(WD06)*	Warm Dimmable 1800K~3000K *(1830B)*		*518lm*		95 *(95)*	40° *(40)*		Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless** *(WL)*	

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: VESTA R06-40B-AD-80-43-WH-DL-00







Ceiling Recessed

ELISE

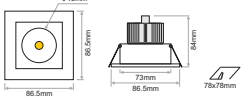
- ELISE is a square downlight available in white outer trim.
- High efficiency deep reflector.
- 3 SDCM
- L90/B10 50.000h

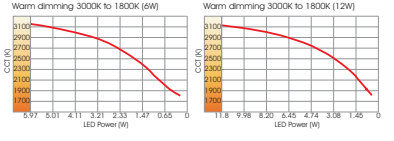
LIGHTSOURCE BY bridgelux.

Model	LED Power	CCT*	LED Source CRI80	LED Source CRI90	LED Source CRI97	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
ELISE *(ELISE)*	**12.3W** *(12)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)* 5700K *(57B)*	*1662lm* *1766lm* *1818lm* *1766lm*	*1372lm* *1434lm* *1517lm* -	*1216lm* *1299lm* - -	Fixed *(FX)*	80 *(80)* 90 *(90)* 97 *(97)*	18° *(18)* 40° *(40)* 45° *(45)*	White *(WH)*	Without Driver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Push Button *(PB)* Phase Cut *(PC)* Wireless** *(WL)*	***COVER*** Standard *(**0**X)* *(XX)* ***EXTRAS*** No Extras *(X**0**)* Emergency *(X**1**)*
	17.7W *(18)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)* 5700K *(57B)*	*2302lm* *2445lm* *2518lm* *2445lm*	*1899lm* *1985lm* *2100lm* -	*1216lm* *1299lm* - -						
Warm Dimmable					*CRI95*						
	6W *(WD06)*	Warm Dimmable 1800K~3000K *(1830B)*			*518lm*		95 *(95)*			Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless* *(WL)*	
	11.8W *(WD12)*				*1045lm*						

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: ELISE 12-40B-FX-90-45-WH-DL-00

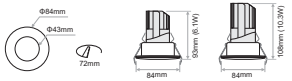




JUPITER

Ceiling Recessed

- JUPITER is a fixed downlight available with clear or frosted glass.
- Luminaire: Die cast aluminium.
- 3 SDCM
- L90/B10 50000h
- IP65 (face only)



Round

Square (upon request)

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ELECTRON

LIGHTSOURCE BY bridgelux

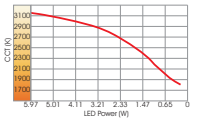
IP65 Face only

Model	Power	CCT	CRI80, CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option	Extras
			80 (80) 90 (90)					
JUPITER (JUPITER)	**6.1W** (6)	2700K (27B)	812lm 677lm	18° (18)	Fixed (FX)	White (WH)	Without Driver (00)	No Extras (0)
		3000K (30B)	845lm 705lm	24° (24)		Nickel Satin (NS)	Non Dimmable (ND)	Emergency Kit (1)
		4000K (40B)	879lm 733lm	32° (32)			Analogue (1..10V) (A1)	
				40° (40)			DMX (DX)	
				Diffused (DF)			DALI (DL)	
							Push Switch (PS)	
							Phase Cut (PC)	
							Wireless ** (WL)	
	10.3W (10)	2700K (27B)	1379lm 1138lm					
		3000K (30B)	1435lm 1180lm					
		4000K (40B)	1479lm 1265lm					
	Warm Dimmable		95 (95)				Analogue (1..10V) (A1)	
	6.1W (6)	Warm Dimmable (WD) 1800K~3000K	518lm				DALI (DL)	
							Phase Cut (PC)	
							Wireless * (WL)	

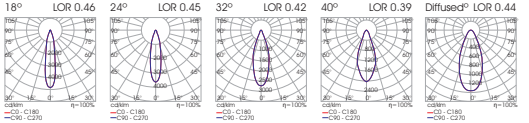
* CCT: 3500K, 5000K, 6500K available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *JUPITER 10-30B-80-32-FX-WH-ND-0*

Warm dimming 3000K to 1800K (6W)



18° LOR 0.46 | 24° LOR 0.45 | 32° LOR 0.42 | 40° LOR 0.39 | Diffused° LOR 0.44



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ELECTRON

AVRA

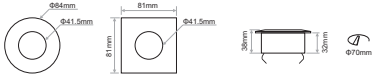
Ceiling Recessed

- AVRA is a downlight suitable for LED lamps available with clear or frosted glass.
- Luminaire: Die-cast aluminium.
- Ideal for lighting in bathrooms, spa, fitting rooms, etc.
- IP65 (face only).

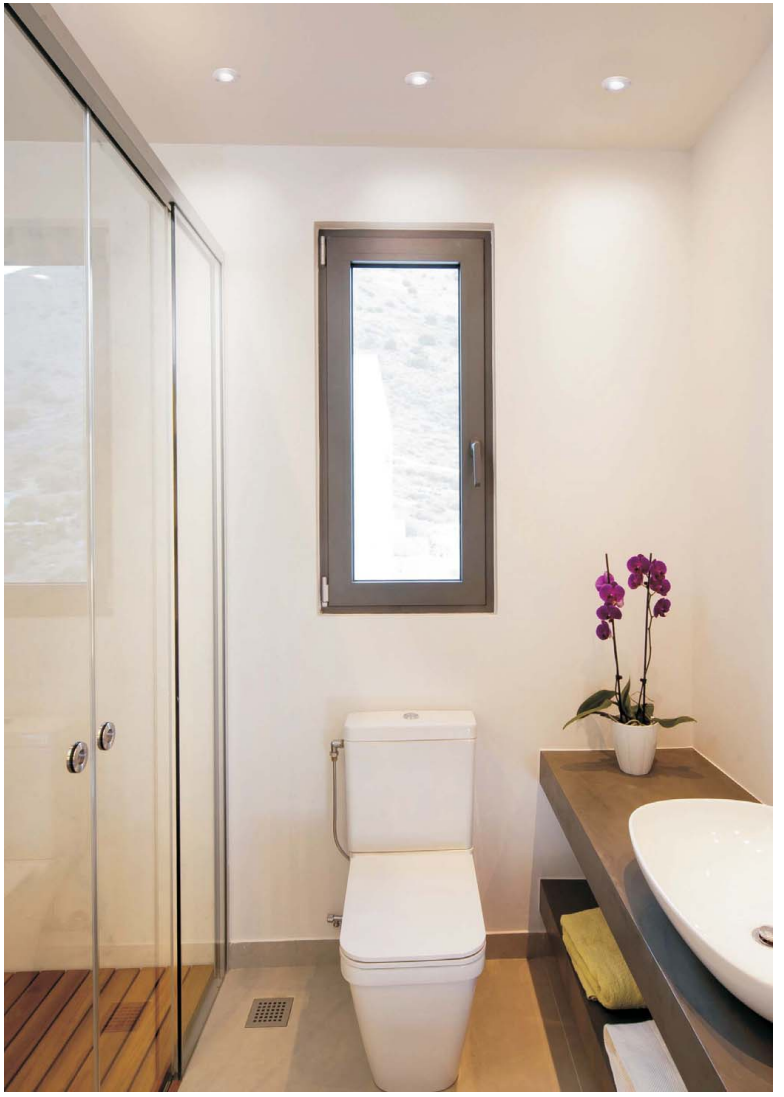
IP65
Face only

Lamp & lamp holder
Not included

Code	Colour	Glass	Lamp	Maximum Consumption		Diameter		Type	IP Rate
ALE.032	NICKEL BRUSH	Frosted	MR16	35W	70mm	84mm		Fixed	IP65
ALE.033	WHITE	Frosted	MR16	35W	70mm	84mm		Fixed	IP65
ALE.056	NICKEL BRUSH	Clear	MR16	35W	70mm	84mm		Fixed	IP65
ALE.057	WHITE	Clear	MR16	35W	70mm	84mm		Fixed	IP65



*Available in square upon request for MOQ.



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TORN / TORN MINI

Ceiling Recessed

- TORN & TORN MINI miniaturized dimmable constant current LED spot.
- Ideal for decorative lighting.
- Luminaire body: aluminium.
- 3 SDCM
- L90/B10 50000h

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

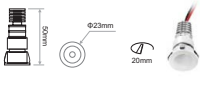
CREE LEDs

Code	Model	No.LED	CCT*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI.226	TORN	1	3000K	1W / 350mA	Φ35x50mm	60°	White	Dimmable
ALI.227			5600K					
ALI.228	TORN MINI		3000K		Φ23x50mm	30°		
ALI.229			5600K					

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

TORN

TORN MINI



ELECTRON

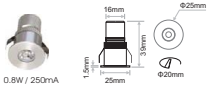
Ceiling Recessed

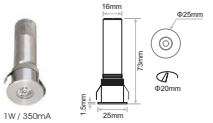
BAROLO

- BAROLO is a small sized constant current downlight.
- Available in 30° & 60°.
- 3 SDCM
- L90/B10 50000h

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

CREE LEDs



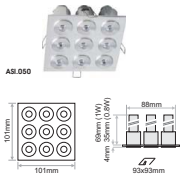


Code	No.LED	CCT*	Watt	Current**	Diameter	Beam Angle	
0.8W / 250mA							
LED.230	1	6000K	0.8W	250mA	25mm	30°	Dimmable
LED.231		4000K					
LED.232		3000K					
LED.233		6000K				60°	
LED.234		4000K					
LED.235		3000K					
1W / 350mA							
LED.227	1	6000K	1W	350mA	25mm	30°	Dimmable
LED.228		4000K					
LED.229		3000K					
LED.236		6000K				60°	
LED.237		4000K					
LED.238		3000K					

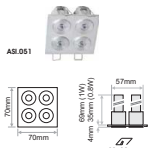
*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

Accessories
(Barolo LEDs not included)

ASI.050



ASI.051



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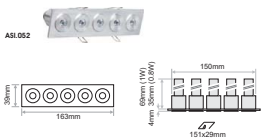


CUBIC / EYE / EYE SQUARE

Ceiling Recessed

- Decorative small sized downlights.
- Luminaire body: aluminium.
- 3 SDCM
- L90/B10 50000h

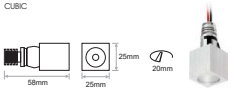
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

CREE LEDs

Code	Model	No.LED	CCT*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI.216	CUBIC	1	3000K	1W / 350mA	25x25x58mm	30°	Aluminium MAT	Dimmable
ALI.217			5600K					
ALI.218	EYE		3000K		Φ23x36mm	120°	Nickel Mat	
ALI.219			5600K					
ALI.220	EYE SQUARE		3000K		23x23x36mm	120°	Nickel Mat	
ALI.221			5600K					

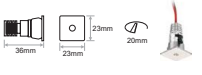
*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

CUBIC



EYE

EYE SQUARE



Ceiling Recessed

FRAME / FRAME SQUARE

- Decorative small sized recessed downlights.
- Diffused light emission.
- Round and Square shape.
- 3 SDCM
- L90/B10 50000h

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

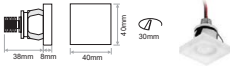
CREE LEDs

Code	Model	No.LED	CCT*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI.222	FRAME	1	3000K	1W / 350mA	Φ40x46mm	Diffused	Frost Diffuser	Dimmable
ALI.223			5600K					
ALI.224	FRAME SQUARE		3000K		40x40x46mm			
ALI.225			5600K					

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

FRAME

FRAME SQUARE



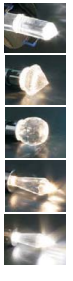
STARLIGHT SERIES

Ceiling Recessed

- Decorative small sized downlights.
- Dimmable Constant Current LED Spots 350mA.
- Available in different forms creating various lighting patterns.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Code	Model	No.LED	CCT*	Watt/Current**	Dimensions	Beam Angle	Finish	
ALI.206 **ALI.207**	CRYSTAL	1	3000K 5600K	1W / 350mA	Φ60x85mm	Diffused	Chromed Aluminium	Dimmable
ALI.208 **ALI.209**	RHOMB		3000K 5600K		Φ30x83mm			
ALI.210 **ALI.211**	BALL		3000K 5600K		Φ30x83mm			
ALI.212 **ALI.213**	DIAMOND		3000K 5600K		Φ23x95mm			
ALI.214 **ALI.215**	DIAMOND MINI		3000K 5600K	0.5W / 160mA	Φ12x67mm			



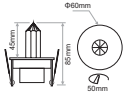
*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

Model	No.LED	Colour	Watt	Voltage	Dimensions	Beam Angle	Finish	
DIAMOND RGB /CC*	1	RGB	0.25W	5VDC	Φ23x65mm	Diffused	Chromed Aluminium	Dimmable

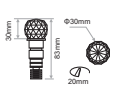
*CC=Common Cathode

CRYSTAL

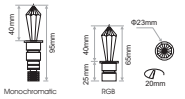


RHOMB

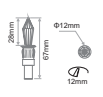
BALL



DIAMOND



DIAMOND MINI



Ceiling Recessed

DECO-S / DECO-M

- Decorative small sized downlights.
- Low UGR for ensuring visual comfort.
- Ideal for decorative lighting and retail applications.
- High flexibility through adjustable movement.
- Made by pure aluminium, chromed aluminium finish.
- 3 SDCM
- L90/B10 50000h

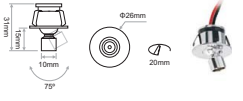
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

CREE LEDs

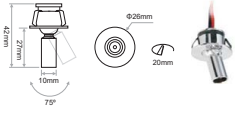
Code	Model	No.LED	CCT*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI.230 **ALI.231**	DECO-S	1	3000K 5600K	1W / 350mA	Φ26x31mm	40°	Chromed Aluminium	Dimmable
ALI.232 **ALI.233**	DECO-M		3000K 5600K		Φ26x42mm	20°		

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

DECO-S



DECO-M



PETITE SERIES

Ceiling Recessed

- PETITE series ideal for decorative lighting.
- 3 SDCM
- L90/B10 50000h

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

CREE LEDs

	Code	Model	No.LED	Colour*	Watt	Current**	Diameter	Beam Angle	
	ALI.101 **ALI.102** **ALI.104**	ULTRA	1	5600K 3000K BLUE	1W	350mA	Φ25mm	120°	Dimmable
	ALI.111 **ALI.112** **ALI.113** **ALI.114** **ALI.115**	ACRYLIC		5600K 3000K BLUE RED GREEN			Φ48mm	DIFUSE	
	ALI.107 **ALI.108**	ANTI-GLARE		5600K 3000K			Φ48mm	120°	
	ALI.109 **ALI.110**	MOVABLE		5600K 3000K			Φ49.5mm	30°	

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

ELECTRON

Ceiling Recessed

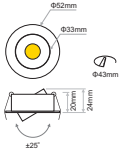
EVO I

- EVO I is a low depth downlight, suitable in applications with limited space.
- Adjustable : tilt +/–25°.
- Material: aluminium.
- Colour: anodized aluminum (silver).
- Indoor use only.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

LUMILEDS IP20

Code	Model	No.LED	CCT	Watt	Current	Beam Angle	IP Rate
ALI.134	**EVO I**	1	3000K	2W	700mA	25°	IP20



ZETA

Ceiling Recessed

- ZETA downlight.
- High efficiency deep reflector with clear cover glass.

BRIDGELUX
- 3 SDCM
- L90/B10 50.000h

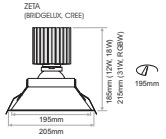
CREE (RGBW)
- White CCT at 4000K. (Other CCTs are available upon request)
- L80/B10 50.000h

LIGHTSOURCE BY bridgelux. for Monochromatic CREE LEDs for RGBW

Model	Power	CCT*	LED Source CRI80	CRI90	CRI97	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
ZETA *(ZETA)*	**12.3W** *(12)*	2700K *(27B)*	*1662lm*	*1372lm*	*1216lm*	Fixed *(FX)*	80 *(80)*	14° *(14)*	White *(WH)*	Without Driver *(00)*	***COVER***
		3000K *(30B)*	*1766lm*	*1434lm*	*1299lm*		90 *(90)*	25° *(25)*	Black *(BL)*	Non Dimmable *(ND)*	Standard *(0X)*
		4000K *(40B)*	*1818lm*	*1517lm*	-		97 *(97)*	39° *(39)*		Analogue (1-10V) *(A1)*	Honeycomb *(1X)*
		5700K *(57B)*	*1766lm*	-	-					DMX *(DX)*	*(XX)*
	17.5W *(18)*	2700K *(27B)*	*2482lm*	*2048lm*	*1815lm*					DALI *(DL)*	
		3000K *(30B)*	*2637lm*	*2140lm*	*1939lm*					Push Button *(PB)*	***EXTRAS***
		4000K *(40B)*	*2714lm*	*2265lm*	-					Phase Cut *(PC)*	No Extras *(X0)*
		5700K *(57B)*	*2637lm*	-	-					Wireless*** *(WL)*	Emergency *(X1)*
	31.3W *(31)*	2700K *(27B)*	*4510lm*	*3721lm*	*3298lm*						
		3000K *(30B)*	*4792lm*	*3890lm*	*3524lm*						
		4000K *(40B)*	*4933lm*	*4115lm*	-						
		5700K *(57B)*	*4792lm*	-	-						
	29.5W *(30)*	R G B W RGBW *(RGBW)*		*2075lm*				25° *(25)*		Without Driver *(00)*	***COVER***
								39° *(39)*		DMX *(DX)*	Standard *(0X)*
	42.5W *(43)*			*2695lm*						DALI *(DL)*	*(XX)*
										Wireless*** *(WL)*	***EXTRAS***
											No Extras *(X0)*

* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.
* CREE RGBW: Other colour combinations available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Examples: *ZETA 31-30B-FX-90-39-BL-ND-00*



Honeycomb louver accessory

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

ELECTRON

Ceiling Recessed

ZETA MINI

- ZETA MINI downlight.
- High efficiency deep reflector with clear cover glass.

BRIDGELUX
- 3 SDCM
- L90/B10 50.000h

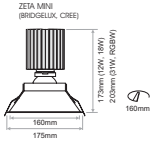
CREE (RGBW)
- White CCT at 4000K. (Other CCTs are available upon request)
- L80/B10 50.000h

LIGHTSOURCE BY bridgelux. for Monochromatic CREE LEDs for RGBW

Model	Power	CCT*	LED Source CRI80	CRI90	CRI97	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
ZETA MINI *(ZETA MINI)*	**12.3W** *(12)*	2700K *(27B)*	*1662lm*	*1372lm*	*1216lm*	Fixed *(FX)*	80 *(80)*	14° *(14)*	White *(WH)*	Without Driver *(00)*	***COVER***
		3000K *(30B)*	*1766lm*	*1434lm*	*1299lm*		90 *(90)*	25° *(25)*	Black *(BL)*	Non Dimmable *(ND)*	Standard *(0X)*
		4000K *(40B)*	*1818lm*	*1517lm*	-		97 *(97)*	39° *(39)*		Analogue (1-10V) *(A1)*	Honeycomb *(1X)*
		5700K *(57B)*	*1766lm*	-	-					DMX *(DX)*	*(XX)*
	17.5W *(18)*	2700K *(27B)*	*2482lm*	*2048lm*	*1815lm*					DALI *(DL)*	
		3000K *(30B)*	*2637lm*	*2140lm*	*1939lm*					Push Button *(PB)*	***EXTRAS***
		4000K *(40B)*	*2714lm*	*2265lm*	-					Phase Cut *(PC)*	No Extras *(X0)*
		5700K *(57B)*	*2637lm*	-	-					Wireless*** *(WL)*	Emergency *(X1)*
	31.3W *(31)*	2700K *(27B)*	*4510lm*	*3721lm*	*3298lm*						
		3000K *(30B)*	*4792lm*	*3890lm*	*3524lm*						
		4000K *(40B)*	*4933lm*	*4115lm*	-						
		5700K *(57B)*	*4792lm*	-	-						
	29.5W *(30)*	R G B W RGBW *(RGBW)*		*2075lm*				25° *(25)*		Without Driver *(00)*	***COVER***
								39° *(39)*		DMX *(DX)*	Standard *(0X)*
	42.5W *(43)*			*2695lm*						DALI *(DL)*	*(XX)*
										Wireless*** *(WL)*	***EXTRAS***
											No Extras *(X0)*

* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.
* CREE RGBW: Other colour combinations available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Examples: *ZETA MINI 31-30B-FX-90-39-BL-ND-00*



Honeycomb louver accessory

ELECTRON

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

KRONOS

Ceiling Recessed

- KRONOS downlight.
- High efficiency deep reflector with clear cover glass.

BRIDGELUX
- 3 SDCM
- L90/B10 50.000h

CREE (RGBW)
- White CCT at 4000K. (Other CCTs are available upon request)
- L80/B10 50.000h

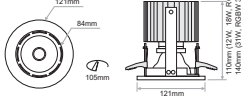
LIGHTSOURCE BY bridgelux. for Monochromatic

CREE LEDs for RGBW

Model	Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
			CRI80	CRI90	CRI97						
KRONOS *(KRONOS)*	**12.3W** *(12)*	2700K *(27B)*	*1662lm*	*1372lm*	*1216lm*	Fixed *(FX)*	80 *(80)*	16° *(16)*	White *(WH)*	Without Driver *(00)*	***COVER*** Standard *(0N)*
		3000K *(30B)*	*1766lm*	*1434lm*	*1299lm*		90 *(90)*	26° *(26)*	Black *(BL)*	Non Dimmable *(ND)*	Diffuser *(1N)*
		4000K *(40B)*	*1818lm*	*1517lm*	-		97 *(97)*	38° *(38)*	Grey *(GR)*	Analogue (1-10V) *(A1)*	Honeycomb *(2N)*
		5700K *(57B)*	*1766lm*	-	-				Nickel Satin *(NS)*	DMX *(DX)*	↓
	17.5W *(18)*	2700K *(27B)*	*2482lm*	*2048lm*	*1815lm*				Gold *(GL)*	DALI *(DL)*	*(XX)*
		3000K *(30B)*	*2637lm*	*2140lm*	*1939lm*					Push Button *(PB)*	↑
		4000K *(40B)*	*2714lm*	*2265lm*	-					Phase Cut *(PC)*	***EXTRAS***
		5700K *(57B)*	*2637lm*	-	-					Wireless*** *(WL)*	No Extras *(XX0)*
	31.3W *(31)*	2700K *(27B)*	*4510lm*	*3721lm*	*3298lm*						Emergency *(XX1)*
		3000K *(30B)*	*4792lm*	*3890lm*	*3524lm*						
		4000K *(40B)*	*4933lm*	*4115lm*	-						
		5700K *(57B)*	*4792lm*	-	-						
	12.5W *(13)*	R G B W	*960lm*					26° *(26)*		Without Driver *(00)*	***COVER*** Standard *(0N)*
		RGBW *(RGBW)*						38° *(38)*		DMX *(DX)*	↓
	18W *(18)*		*1245lm*							DALI *(DL)*	*(XX)*
	29.5W *(30)*		*2075lm*							Wireless*** *(WL)*	***EXTRAS***
	42.5W *(43)*		*2695lm*								↑ No Extras *(XX0)*

* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.
* CREE RGBW: Other colour combinations available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Examples: *KRONOS 31-30B-FX-90-38-BL-ND-00*



Honeycomb louver accessory

Ceiling Recessed

ALTRA

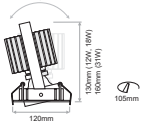
- ALTRA downlight.
- High efficiency deep reflector with clear cover glass.
- 3 SDCM
- L90/B10 50.000h

LIGHTSOURCE BY bridgelux.

Model	Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
			CRI80	CRI90	CRI97						
ALTRA *(ALTRA)*	**12.3W** *(12)*	2700K *(27B)*	*1662lm*	*1372lm*	*1216lm*	Adjustable *(AD)*	80 *(80)*	21° *(21)*	White *(WH)*	Without Driver *(00)*	***COVER*** Standard *(0N)*
		3000K *(30B)*	*1766lm*	*1434lm*	*1299lm*		90 *(90)*	43° *(43)*	Black *(BL)*	Non Dimmable *(ND)*	Honeycomb *(1N)*
		4000K *(40B)*	*1818lm*	*1517lm*	-		97 *(97)*	59° *(59)*	Grey *(GR)*	Analogue (1-10V) *(A1)*	↓
		5700K *(57B)*	*1766lm*	-	-				Nickel Satin *(NS)*	DMX *(DX)*	*(XX)*
	17.5W *(18)*	2700K *(27B)*	*2482lm*	*2048lm*	*1815lm*				Gold *(GL)*	DALI *(DL)*	***EXTRAS***
		3000K *(30B)*	*2637lm*	*2140lm*	*1939lm*					Push Button *(PB)*	No Extras *(XX0)*
		4000K *(40B)*	*2714lm*	*2265lm*	-					Phase Cut *(PC)*	Emergency *(XX1)*
		5700K *(57B)*	*2637lm*	-	-					Wireless*** *(WL)*	
	31.3W *(31)*	2700K *(27B)*	*4510lm*	*3721lm*	*3298lm*						
		3000K *(30B)*	*4792lm*	*3890lm*	*3524lm*						
		4000K *(40B)*	*4933lm*	*4115lm*	-						
		5700K *(57B)*	*4792lm*	-	-						

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Examples: *ALTRA 18-30B-AD-90-59-BL-ND-00*



Honeycomb louver accessory

TALUS RC

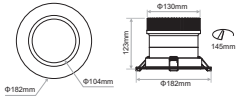
Ceiling Recessed

- TALUS Recessed downlight available in white or black colour.

Monochromatic, TW
- 3 SDCM
- L90/B10 50.000h

WD
- Dimmable options.
- 3 SDCM
- L90/B10 50.000h

RGBW
- White CCT at 4000K. (Other CCTs are available upon request).



Anti-glare Shield Accessories

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ELECTRON

LIGHTSOURCE BY bridgelux. Monochromatic, TW, WD

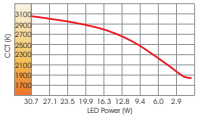
CREE LEDs RGBW

Model	LED Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
			CRI80	CRI90	CRI97						ANTI-GLARE SHIELD
TALUS RC (TALUS RC)	**23.9W** (24)	2700K (27B)	3621lm	2987lm	2647lm	Fixed (FX)	80 (80)	20° (20)	White (WH)	Without Driver (00)	White Matt (1X)
		3000K (30B)	3847lm	3123lm	2829lm		90 (90)	35° (35)	Black (BL)	Non Dimmable (ND)	Black Matt (2X)
		4000K (40B)	3960lm	3304lm	-		97 (97)	60° (60)		Analogue (1-10V) (A1)	(XX)
		5700K (57B)	3847lm	-	-					DMX (DX)	EXTRAS
	31.3W (31)	2700K (27B)	4510lm	3721lm	3298lm					DALI (DL)	No Extras (X0)
		3000K (30B)	4792lm	3890lm	3524lm					Phase Cut (PC)	
		4000K (40B)	4933lm	4115lm	-					Push Button (PB)	
		5700K (57B)	4792lm	-	-					Wireless*** (WL)	
	37.1W (37)	2700K (27B)	5199lm	4289lm	3802lm						
		3000K (30B)	5524lm	4484lm	4062lm						
		4000K (40B)	5687lm	4744lm	-						
		5700K (57B)	5524lm	-	-						
	Tunable White			CRI90							
	23.9W (24)	Tunable White (TWB) 2700K~5700K		2252lm (Both CCTs driven)			90 (90)			Without Driver (00)	
	34.8W (35)			3188lm (Both CCTs driven)						DMX (DX)	
										DALI (DL)	
										Wireless*** (WL)	
	Warm Dimmable			CRI95							
	30.7W (WD31)	Warm Dimmable (1830B) 1800K~3000K		2840lm			95 (95)			Without Driver (00)	
										Analogue (1-10V) (A1)	
										DMX (DX)	
										DALI (DL)	
										Phase Cut (PC)	
										Push Button (PB)	
										Wireless*** (WL)	
	R G B W										
	29.5W (30)	RGBW** (RGBW)		2075lm				20° (20)		Without Driver (00)	
	42.5W (43)			2695lm				38° (38)		DMX (DX)	
										DALI (DL)	
										Wireless*** (WL)	

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** Other colour combinations available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *TALUS RC31-30B-FX-90-60-BL-00-20*

Warm dimming 3000K to 1800K



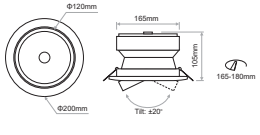
TALUS ADJ RC

Ceiling Recessed

- TALUS adjustable recessed downlight available in white or black colour.

Monochromatic, TW, WD
- 3 SDCM
- L90/B10 50.000h

RGBW
- White CCT at 4000K. (Other CCTs are available upon request).



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ELECTRON

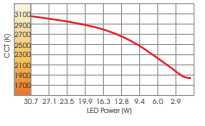
LIGHTSOURCE BY bridgelux. Monochromatic, TW, WD

CREE LEDs RGBW

Model	LED Power	CCT*	CRI80, CRI90, CRI97 LED Source			Type	Beam Angle	Colour	Dimming Option	Accessories
			80 (80)	90 (90)	97 (97)					COVER
TALUS ADJ RC (TALUS A RC)	**23.9W** (24)	2700K (27B)	3621lm	2987lm	2647lm	Adjustable (AD)	20° (20)	White (WH)	Without Driver (00)	Clear (0X)
		3000K (30B)	3847lm	3123lm	2829lm		38° (38)	Black (BL)	Non Dimmable (ND)	Center Frost (1X)
		4000K (40B)	3960lm	3304lm	-		60° (60)		Analogue (1-10V) (A1)	Diffused (2X)
		5700K (57B)	3847lm	-	-		110°*** (110)		DMX (DX)	↓
	31.3W (31)	2700K (27B)	4510lm	3721lm	3298lm				DALI (DL)	(XX)
		3000K (30B)	4792lm	3890lm	3524lm				Phase Cut (PC)	EXTRAS
		4000K (40B)	4933lm	4115lm	-				Push Button (PB)	No Extras (X0)
		5700K (57B)	4792lm	-	-				Wireless***** (WL)	
	37.1W (37)	2700K (27B)	5199lm	4289lm	3802lm					
		3000K (30B)	5524lm	4484lm	4062lm					
		4000K (40B)	5687lm	4744lm	-					
		5700K (57B)	5524lm	-	-					
	Tunable White			90 (90)						
	23.9W (24)	Tunable White (TWB) 2700K~5700K		2252lm (Both CCTs driven)			15°** (15)		Without Driver (00)	
	34.8W (35)			3188lm (Both CCTs driven)			35°** (35)		DMX (DX)	
							55°** (55)		DALI (DL)	
							110°*** (110)		Wireless***** (WL)	
	Warm Dimmable			95 (95)						
	30.7W (WD31)	Warm Dimmable (1830B) 1800K~3000K		2962lm					Without Driver (00)	
									Analogue (1-10V) (A1)	
									DMX (DX)	
									DALI (DL)	
									Phase Cut (PC)	
									Push Button (PB)	
									Wireless***** (WL)	
	R G B W									
	29.5W (30)	RGBW**** (RGBW)		2075lm			35° (35)		Without Driver (00)	
	42.5W (43)			2695lm			55° (55)		DMX (DX)	
									DALI (DL)	
									Wireless***** (WL)	

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** Beam angle values are only valid for clear cover.
*** 110° only for diffused cover.
**** Other colour combinations available upon request.
***** The wireless dimming option includes driver and Bluetooth dimming accessory.

Warm dimming 3000K to 1800K



Ordering Code Example: TALUS A RC31-30B-80-AD-38-BL-00-00

RODITA

Ceiling Recessed

- RODITA downlight with a tilt of 60°.

Monochromatic:
- High efficiency deep reflector.
- Luminaire body: aluminium.
- 3 SDCM (for monochromatic models).
- L90/B10 50.000h

RGBW:
- White CCT at 4000K. (Other CCTs are available upon request).
- L80/B10 50.000h

LIGHTSOURCE BY bridgelux. Monochromatic

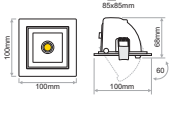
CREE LEDs RGBW

Model	LED Power	CCT*	LED Source CRI80	CRI90	CRI97	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
RODITA *(RODITA)*	**12.3W** *(12)*	2700K *(27B)*	*1662lm*	*1372lm*	*1216lm*	Adjustable *(AD)*	80 *(80)*	40° *(40)*	White *(WH)*	Without Driver *(00)*	COVER Standard *(0X)*
		3000K *(30B)*	*1766lm*	*1434lm*	*1299lm*		90 *(90)*			Non Dimmable *(ND)*	
		4000K *(40B)*	*1818lm*	*1517lm*	-		97 *(97)*			Analogue (1-10V) *(A1)*	*(XX)*
		5700K *(57B)*	*1766lm*	-	-					DMX *(DX)*	
	31.3W *(31)*	2700K *(27B)*	*4510lm*	*3721lm*	*3298lm*					DALI *(DL)*	EXTRAS No Extras *(+0)*
		3000K *(30B)*	*4792lm*	*3890lm*	*3524lm*					Push Button *(PB)*	Emergency**** *(+1)*
		4000K *(40B)*	*4933lm*	*4115lm*	-					Phase Cut *(PC)*	
		5700K *(57B)*	*4792lm*	-	-					Wireless*** *(WL)*	
	R G B W										
	12.5W *(13)*	RGBW *(RGBW)*	*960lm*							Without Driver *(00)*	
										DMX *(DX)*	
										DALI *(DL)*	
										Wireless*** *(WL)*	

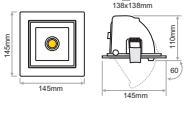
* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.
* CREE RGBW: Other colour combinations available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.
**** Emergency only for monochromatic versions.

Ordering Code Example: *RODITA 12-40B-AD-80-40-WH-DL-00*

RODITA 12W & RGBW



RODITA 31W



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ELECTRON

SORENA

Ceiling Recessed

- SORENA downlight with a tilt of 60° and rotation of 360°.

Monochromatic:
- High purity aluminium.
- 3 SDCM (for monochromatic models).
- L90/B10 50.000h

RGBW:
- White CCT at 4000K. (Other CCTs are available upon request).
- L80/B10 50.000h

LIGHTSOURCE BY bridgelux. Monochromatic

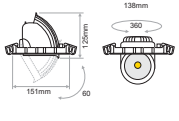
CREE LEDs RGBW

Model	LED Power	CCT*	LED Source CRI80	CRI90	CRI97	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
SORENA *(SORENA)*	**17.5W** *(18)*	2700K *(27B)*	*2482lm*	*2048lm*	*1815lm*	Adjustable *(AD)*	80 *(80)*	38° *(38)*	White *(WH)*	Without Driver *(00)*	COVER Standard *(0X)*
		3000K *(30B)*	*2637lm*	*2140lm*	*1939lm*		90 *(90)*			Non Dimmable *(ND)*	
		4000K *(40B)*	*2714lm*	*2265lm*	-		97 *(97)*			Analogue (1-10V) *(A1)*	*(XX)*
		5700K *(57B)*	*2637lm*	-	-					DMX *(DX)*	
	31.3W *(31)*	2700K *(27B)*	*4510lm*	*3721lm*	*3298lm*			20° *(20)*		DALI *(DL)*	EXTRAS No Extras *(+0)*
		3000K *(30B)*	*4792lm*	*3890lm*	*3524lm*					Push Button *(PB)*	Emergency**** *(+1)*
		4000K *(40B)*	*4933lm*	*4115lm*	-					Phase Cut *(PC)*	
		5700K *(57B)*	*4792lm*	-	-					Wireless*** *(WL)*	
	R G B W										
	12.5W *(13)*	RGBW *(RGBW)*	*960lm*					24° *(24)*		Without Driver *(00)*	
	18W *(18)*		*1245lm*							DMX *(DX)*	
	29.5W *(30)*		*2075lm*							DALI *(DL)*	
										Wireless*** *(WL)*	

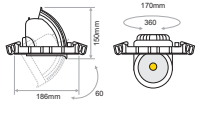
* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.
* CREE RGBW: Other colour combinations available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.
**** Emergency only for monochromatic versions.

Ordering Code Example: *SORENA 31-30B-AD-90-20-WH-DL-00*

SORENA 18W & RGBW 17.5W



SORENA 31W & RGBW 31.3W



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RONELO

Ceiling Recessed

- RONELO adjustable downlight with consumption of up to 62 watt.
- High efficiency deep reflector with clear cover glass.
- Ideal easy replacement in existing theater houselighting.
- Dimmable options.
- Increased efficiency.

Monochromatic:
- 3 SDCM
- L90/B10 50.000h

RGBW:
- White CCT at 4000K. (Other CCTs are available upon request).
- L80/B10 50.000h

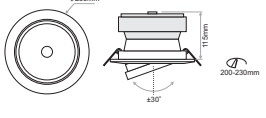
LIGHTSOURCE BY bridgelux. Monochromatic

CREE LEDs RGBW

Model	LED Power	CCT*	CRI80, CRI90** LED Source 80 (80)	CRI80, CRI90** LED Source 90 (90)	Type	Beam Angle	Colour	Dimming Option	Accessories
RONELO (RONELO)	**45.2W** (45)	2700K (278)	7001lm	5776lm	Adjustable (AD)	18° (18)	White (WH)	Without Driver (00)	**Cover**
		3000K (308)	7438lm	6038lm		38° (38)	Black (BL)	Non Dimmable (ND)	Standard (0)
		4000K (408)	7657lm	6388lm		66° (66)		Analogue (1-10V) (A1)	Diffuser (1)
		5700K (578)	7438lm	-		110° (110)		DMX*** (DX)	Frosted Center (2)
	53.3W (53)	2700K (278)	8068lm	6656lm				DALI (DL)	↓ (XX)
		3000K (308)	8572lm	6958lm				Push Button (PB)	**EXTRAS**
		4000K (408)	8824lm	7362lm				Wireless**** (WL)	No Extras (10) ↑
		5700K (578)	8572lm	-				Phase Cut*** (PC)	
	61.5W (62)	2700K (278)	9112lm	7518lm					
		3000K (308)	9682lm	7859lm					
		4000K (408)	9967lm	8315lm					
		5700K (578)	9682lm	-					
	R G B W								**Cover**
	29.5W (30)	RGBW (RGBW)	2075lm		Adjustable (AD)	20° (20)	White (WH)	Without Driver (00)	Standard (0) ↓ (XX)
						45° (45)	Black (BL)	DMX (DX)	**EXTRAS**
	42.5W (43)		2695lm			65° (65)		DALI (DL)	No Extras (10) ↑
								Wireless**** (WL)	

* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.
* CREE RGBW: Other colour combinations available upon request.
**CRI90 Available up to 5000K. CRI97 Available upon request.
***Consists of two components (power supply + led driver).
**** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *RONELO 53-40B-80-AD-66-WH-ND-00*



ELECTRON

Ceiling Recessed

PELO

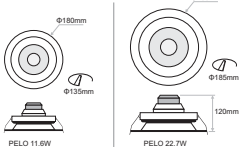
- PELO downlight module suitable for direct installation in ceilings (PL replacement).
- Module with integrated electronics.

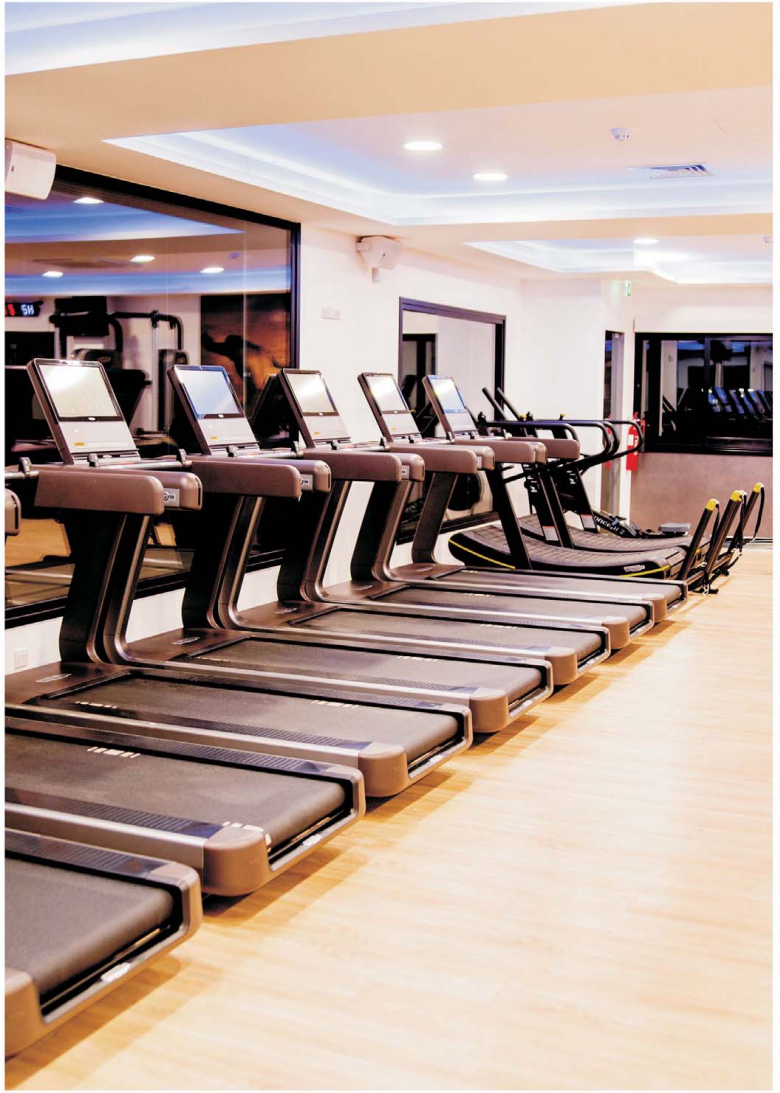
Luminous Efficacy

PELO 11.6W: **88lm/W** (3000K), **92lm/W** (4000K), **92lm/W** (6500K)
PELO 22.7W: **90lm/W** (3000K), **94lm/W** (4000K), **96lm/W** (6500K)

Model	Power	CCT	LED Source CRI80	Type	CRI	Beam Angle	Colour	Dimming Option
PELO (PELO)	**11.6W** (12)	3000K (30T)	1020lm	Fixed (FX)	80 (80)	60° (60)	White (WH)	Non Dimmable 230VAC (ND)
		4000K (40T)	1070lm			90° (90)		
		6500K (65T)	1070lm					
	22.7W (23)	3000K (30T)	2040lm					
		4000K (40T)	2140lm					
		6500K (65T)	2160lm					

Ordering Code Example: *PELO 23- 40T-FX-80-90-WH-ND*





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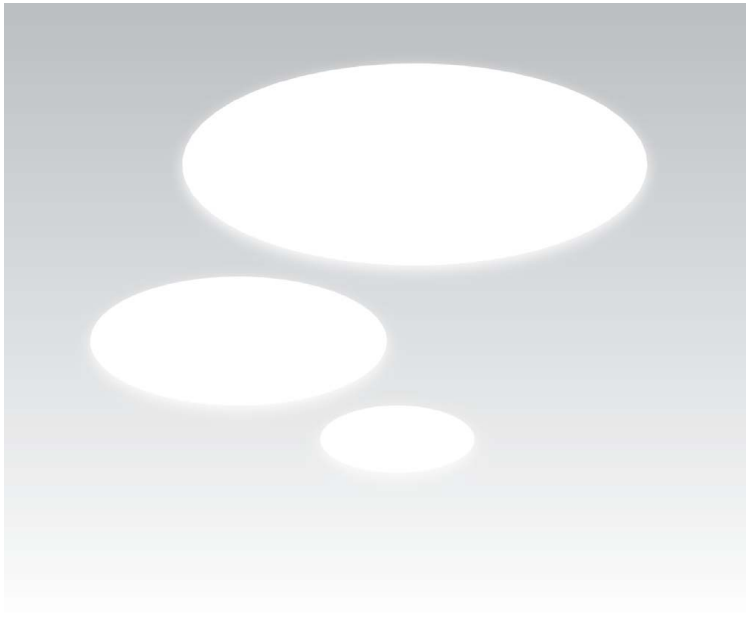
CEILING TRIMLESS

ELECTRON

DISC TR
(Trimless)

Ceiling Trimless

- Disc is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<22*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

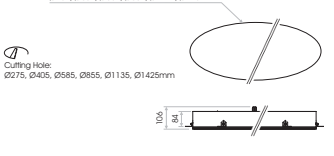


LED source efficacy up to 214lm/W (4000K)
Luminaire efficacy up to 143lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



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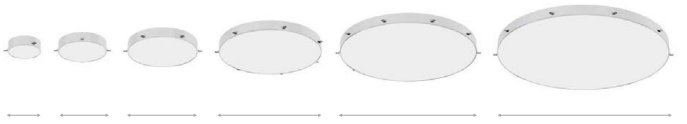
LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour	CCT	Watt / Diameter	CRI* *LED Source*	CRI* *LED Source*	Type	Voltage	Dimming Option	Extras
DISC Trimless High Power *(DISC TR HP)*	White *(WH)*	3000K *(30)* / 4000K *(40)*	HIGH POWER	⩾80 *(80)* **3000K**	⩾80 *(80)* **4000K**	Opal *(OP)* / Low Glare *(LG)* **	230VAC *(230)*	Non Dimmable *(ND)* / Analogue *(A1)* (1-10V) / DALI *(DL)* / Wireless *(WL)*	***Fuction*** Standard *(0)* / Emergency *(1)*
			11.9W / 27cm *(12W027)*	*1910lm*	*2070lm*				
			26.2W / 40cm *(26W040)*	*3970lm*	*4170lm*				
			57.4W / 58cm *(58W058)*	*8670lm*	*9110lm*				
			123.8W / 85cm *(124W085)*	*17980lm*	*18900lm*				
			214.8W / 113cm *(215W113)*	*31060lm*	*32650lm*				
			336.6W / 142cm *(337W142)*	*49550lm*	*52200lm*				
DISC Trimless High Efficiency *(DISC TR HE)*			HIGH EFFICIENCY	⩾80 *(80)* **3000K**	⩾80 *(80)* **4000K**	Opal *(OP)* / Low UGR *(LU)* **			
			4.5W / 27cm *(05W027)*	*810lm*	*880lm*				
			9.8W / 40cm *(10W040)*	*1680lm*	*1770lm*				
			21.2W / 58cm *(21W058)*	*3640lm*	*3830lm*				
			45.7W / 85cm *(46W085)*	*7430lm*	*7810lm*				
			79.4W / 113cm *(80W113)*	*12830lm*	*13490lm*				
			124.4W / 142cm *(124W142)*	*20590lm*	*21700lm*				

* Available in CRI90 upon request.
** Low Glare (UGR<22), Low UGR (UGR<19)

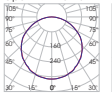
Ordering Code Example: DISC TR HP-WH-30-58W058-80-LG-230-ND-0



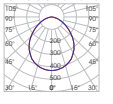
DISC Trimless						
HIGH POWER	12W	26W	58W	124W	215W	337W
HIGH EFFICIENCY	5W	10W	21W	46W	80W	124W
Weight	1.18Kgs	2.59Kgs	4.48Kgs	9.40Kgs	15.30Kgs	23.70Kgs

HIGH POWER

Opal LOR 0.74

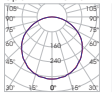


Low Glare LOR 0.73

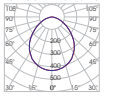


HIGH EFFICIENCY

Opal LOR 0.74



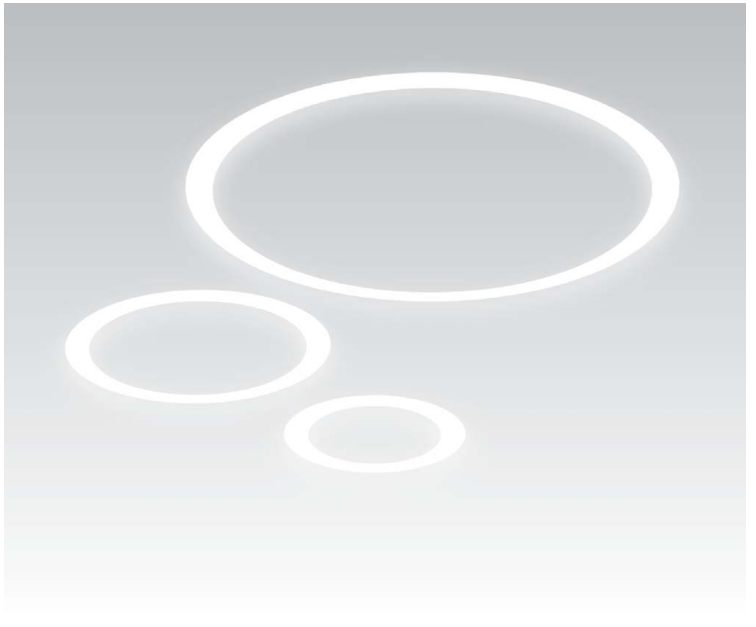
Low UGR LOR 0.73



ECLIPSE TR
(Trimless)

Ceiling Trimless

- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

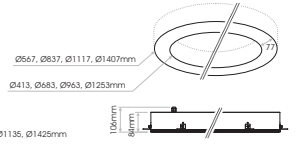


LED source efficacy up to 195lm/W (4000K)
Luminaire efficacy up to 119lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



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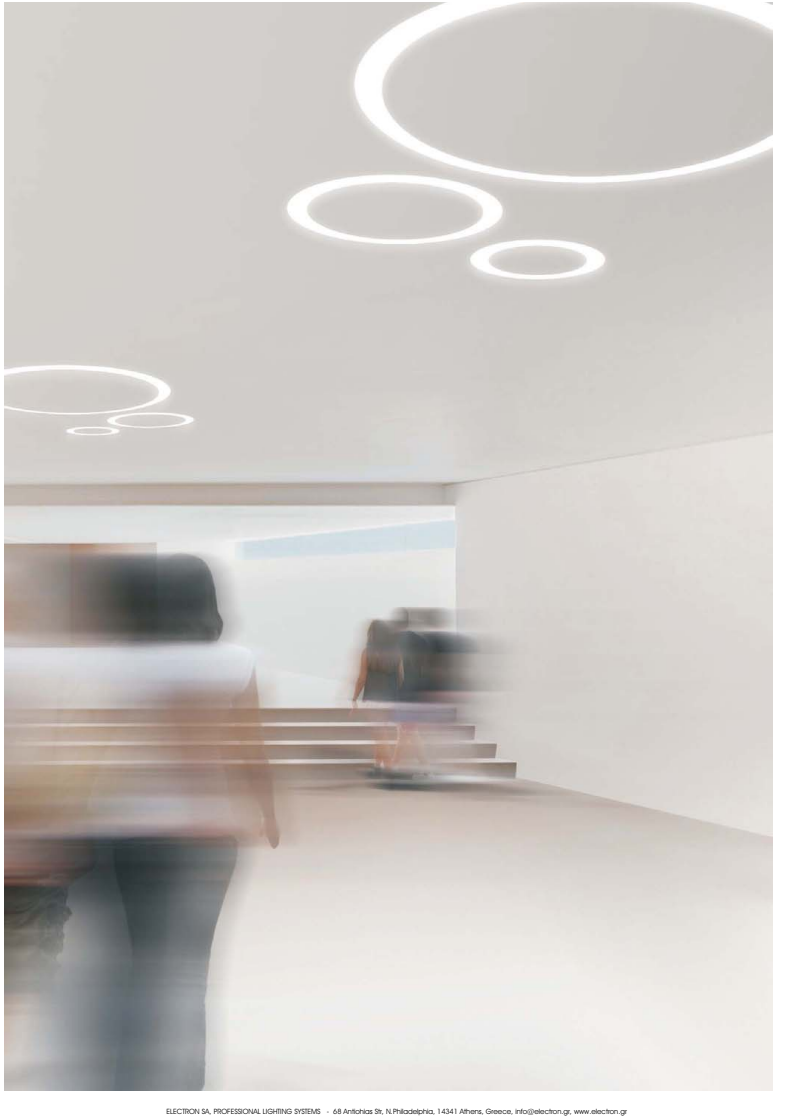

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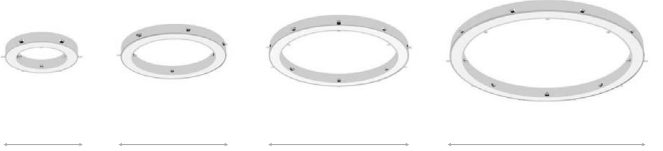
LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour	CCT	Watt / Diameter	CRI* *LED Source*	CRI* *LED Source*	Type	Voltage	Dimming Option	Extras
ECLIPSE Trimless High Power *(ECLIPSE TR HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	≥80 *(80)* **3000K**	≥80 *(80)* **4000K**	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction*** Standard *(0)* Emergency *(1)*
		4000K *(40)*	46.2W / 58cm *(46W058)*	*6910lm*	*7310lm*	Low Glare *(LG)***		Analogue (1-10V) *(A1)*	
			75W / 85cm *(75W085)*	*11070lm*	*11740lm*			DALI *(DL)*	
			104.5W / 113cm *(105W113)*	*15490lm*	*16390lm*			Wireless *(WL)*	
			134.1W / 142cm *(134W142)*	*19960lm*	*21100lm*				
ECLIPSE Trimless High Efficiency *(ECLIPSE TR HE)*			HIGH EFFICIENCY	≥80 *(80)* **3000K**	≥80 *(80)* **4000K**	Opal *(OP)*			
			17.6W / 58cm *(18W058)*	*2940lm*	*3110lm*	Low UGR *(LU)***			
			26.7W / 85cm *(27W085)*	*4450lm*	*4720lm*				
			37.2W / 113cm *(37W113)*	*6230lm*	*6590lm*				
			47.8W / 142cm *(48W142)*	*8020lm*	*8480lm*				

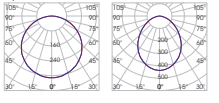
* Available in CRI90 upon request.
** Low Glare (UGR<20,8), Low UGR (UGR<18)

Ordering Code Example: ECLIPSE TR HE-WH-30-48W142-80-LU-230-ND-0

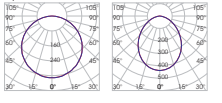


	Ø567mm	Ø837mm	Ø1117mm	Ø1407mm
ECLIPSE Trimless				
HIGH POWER	46W	75W	105W	134W
HIGH EFFICIENCY	18W	27W	37W	48W
Weight	3.63Kgs	5.48Kgs	7.42Kgs	10Kgs

HIGH POWER



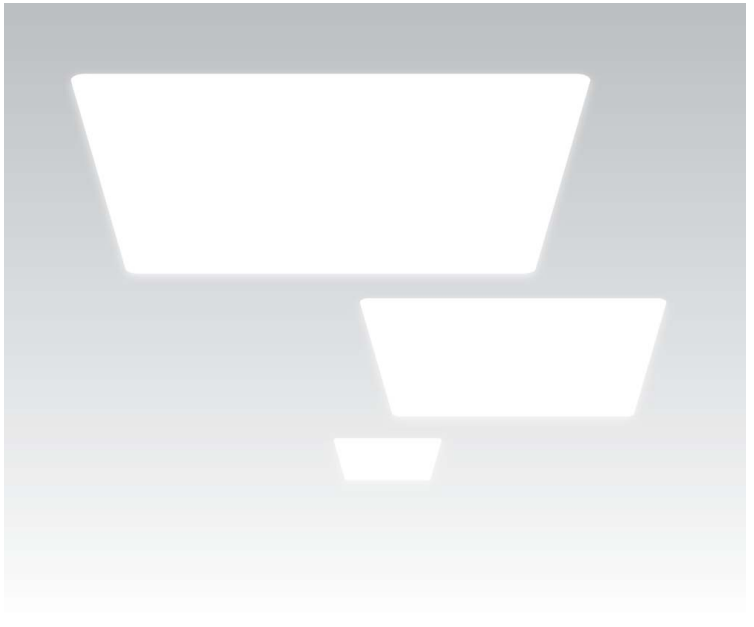
HIGH EFFICIENCY



LOOP TR
(Trimless)

Ceiling Trimless

- LOOP is a complete series of square with rounded corners luminaires available for surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<21.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18.6*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

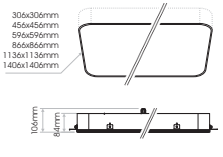


LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 132lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



Cutting Hole:
307x307mm
457x457mm
597x597mm
867x867mm
1137x1137mm
1407x1407mm

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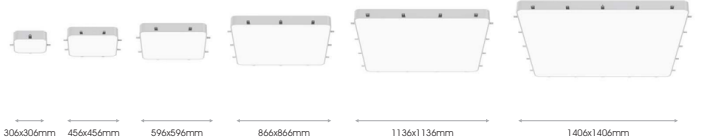
LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour	CCT	Watt / Diameter	CRI* LED Source	CRI* LED Source	Type	Voltage	Dimming Option	Extras
LOOP Trimless High Power *(LOOP TR HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	⩾80 *(80)* **3000K**	⩾80 *(80)* **4000K**	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction***
		4000K *(40)*	17.6W / 30x30cm *(18W3030)*	*2660lm*	*2780lm*	Low Glare *(LG)***		Analogue (1-10V) *(A1)*	Standard *(0)*
			39.5W / 45x45cm *(40W4545)*	*5860lm*	*6160lm*				Emergency *(1)*
			75W / 59x59cm *(75W5959)*	*10720lm*	*11270lm*			DALI *(DL)*	
			153.5W / 86x86cm *(154W8686)*	*22150lm*	*23290lm*			Wireless *(WL)*	
			272.8W / 113x113cm *(273W113113)*	*39380lm*	*41400lm*				
			426.3W / 140x140cm *(426W140140)*	*61540lm*	*64700lm*				
LOOP Trimless High Efficiency *(LOOP TR HE)*			HIGH EFFICIENCY	⩾80 *(80)* **3000K**	⩾80 *(80)* **4000K**	Opal *(OP)*			
			6.6W / 30x30cm *(07W3030)*	*1130lm*	*1180lm*	Low UGR *(LU)***			
			13.4W / 45x45cm *(13W4545)*	*2250lm*	*2370lm*				
			25.9W / 59x59cm *(26W5959)*	*4200lm*	*4410lm*				
			58.3W / 86x86cm *(58W8686)*	*9450lm*	*9930lm*				
			103.7W / 113x113cm *(104W113113)*	*16790lm*	*17650lm*				
			162W / 140x140cm *(162W140140)*	*26230lm*	*27580lm*				

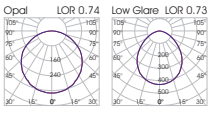
* Available in CRI90 upon request.
** Low Glare (UGR<21.8), Low UGR (UGR<18.6)

Ordering Code Example: *LOOP TR HP-WH-30-154W8686-80-LG-230-ND-0*

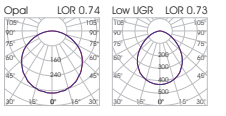


	306x306mm	456x456mm	596x596mm	866x866mm	1136x1136mm	1406x1406mm
LOOP Trimless						
HIGH POWER	18W	40W	75W	154W	273W	426W
HIGH EFFICIENCY	7W	13W	26W	58W	104W	162W
Weight	1.55Kgs	3.46Kgs	6.24Kgs	11.70Kgs	18.80Kgs	28Kgs

HIGH POWER



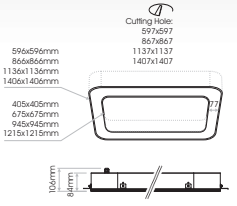
HIGH EFFICIENCY



ORBIT TR
(Trimless)

Ceiling Trimless

- ORBIT is a complete series of square with rounded corners luminaires available in surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 120lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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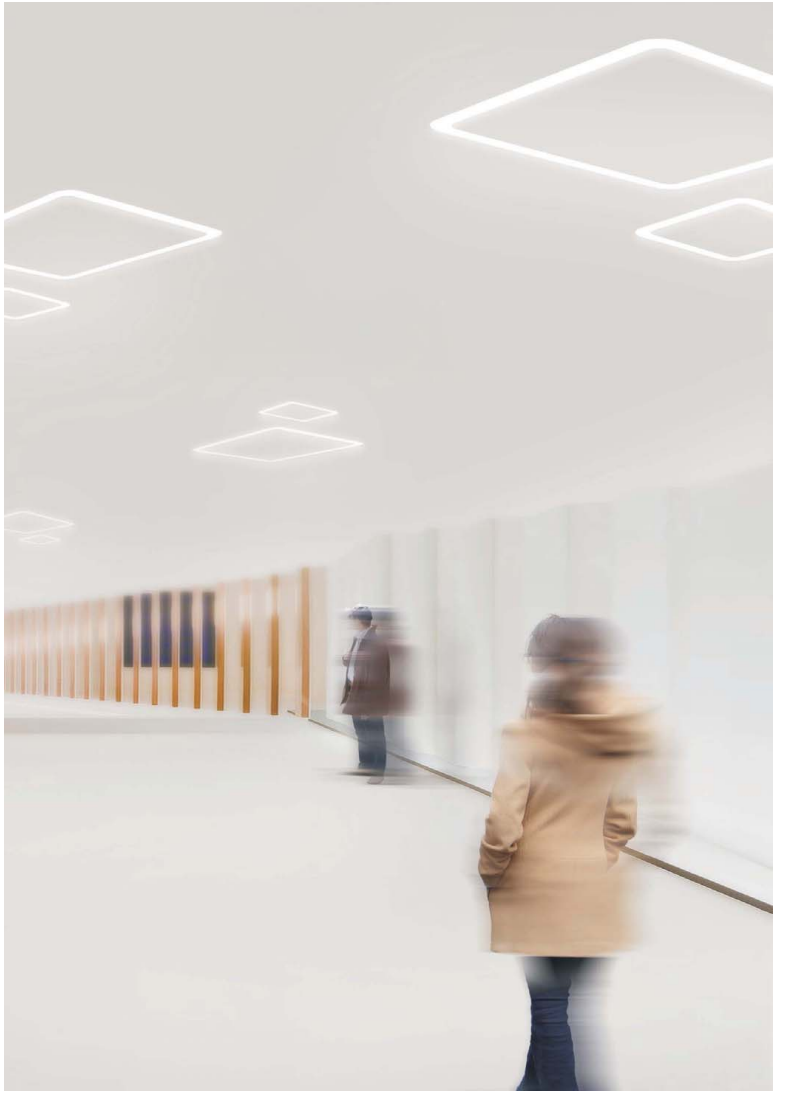
ELECTRON



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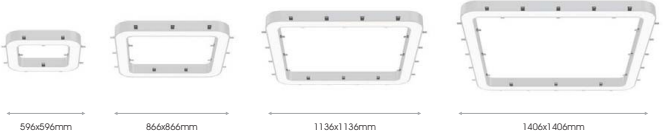
LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour	CCT	Watt / Diameter	CRI* *LED Source*	CRI* *LED Source*	Type	Voltage	Dimming Option	Extras
ORBIT Trimless High Power *(ORBIT TR HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	> 80 *(80)* **3000K**	> 80 *(80)* **4000K**	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction***
		4000K *(40)*	61.6W / 59x59cm *(62W5959)*	*9210lm*	*9750lm*	Low Glare *(LG)***		Analogue (1-10V) *(A1)*	Standard *(0)*
			93.6W / 86x86cm *(94W8686)*	*14050lm*	*14860lm*				Emergency *(1)*
			128.7W / 113x113cm *(129W113113)*	*19320lm*	*20430lm*			DALI *(DL)*	
			163.9W / 140x140cm *(164W140140)*	*24590lm*	*26000lm*			Wireless *(WL)*	
ORBIT Trimless High Efficiency *(ORBIT TR HE)*			HIGH EFFICIENCY	> 80 *(80)* **3000K**	> 80 *(80)* **4000K**	Opal *(OP)*			
			23.4W / 59x59cm *(23W5959)*	*3920lm*	*4150lm*	Low UGR *(LU)***			
			32.8W / 86x86cm *(33W8686)*	*5560lm*	*5880lm*				
			45.1W / 113x113cm *(45W113113)*	*7650lm*	*8090lm*				
			57.4W / 140x140cm *(57W140140)*	*9730lm*	*10290lm*				

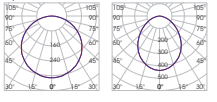
* Available in CRI90 upon request.
** Low Glare (UGR<20,8), Low UGR (UGR<18)

Ordering Code Example: *ORBIT TR HP-WH-30-94W8686-80-LG-230-ND-0*

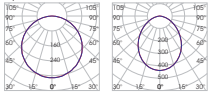


	596x596mm	866x866mm	1136x1136mm	1406x1406mm
ORBIT Trimless				
HIGH POWER	62W	94W	129W	164W
HIGH EFFICIENCY	23W	33W	45W	57W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs

HIGH POWER

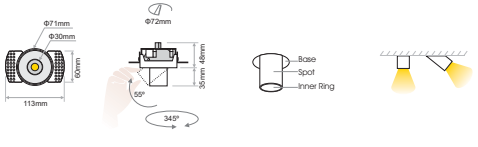


HIGH EFFICIENCY



REFORM 30 TR

- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).



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CREE LEDs

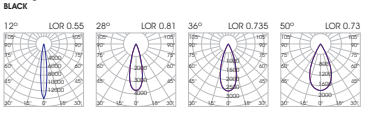
Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	90 (90)	Beam Angle	Type	Luminaire Colour (XXX)	Dimming Option	Accessories (XX)
REFORM 30 Trimless *(REFORM 30 TR)*	**3W** (3)	2700K (27C)	310lm	250lm	12° (12)	Adjustable (AD)	*Base* White (W) Black (B)	Without Driver (00)	Standard (0)
		3000K (30C)	310lm	265lm			*Spot* White (W) Black (B)	Non Dimmable (ND)	Honeycomb (1)
		4000K (40C)	330lm	290lm			*Inner Ring* White (W) Black (B)	Analogue (1-10V) (A1)	*Extras* No Extras (0)
		5000K (50C)	360lm	310lm				DMX (DX)	Emergency (1)
	5.8W (6)	2700K (27C)	615lm	500lm				DALI (DL)	
		3000K (30C)	615lm	530lm				Push Button (PB)	
		4000K (40C)	665lm	575lm				Phase Cut (PC)	
		5000K (50C)	715lm	615lm				Wireless ** (WL)	
	3W (3)	2700K (27C)	396lm	320lm	28° (28)				
		3000K (30C)	396lm	342lm	36° (36)				
		4000K (40C)	428lm	369lm	50° (50)				
		5000K (50C)	428lm	396lm					
	6.3W (6)	2700K (27C)	669lm	540lm					
		3000K (30C)	669lm	577lm					
		4000K (40C)	722lm	623lm					
		5000K (50C)	722lm	669lm					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

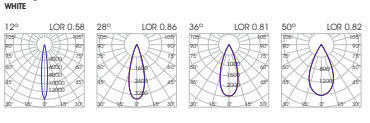
Ordering Code Example: REFORM 30 TR-3-40C-80-36-AD-WWB-00-00

Honeycomb

Inner ring colour:
BLACK



Inner ring colour:
WHITE



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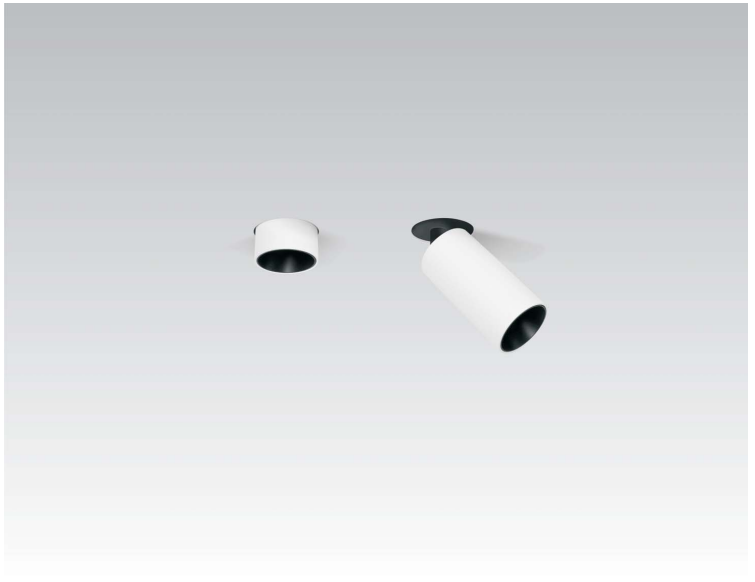
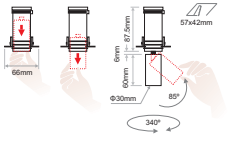
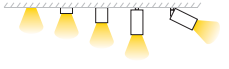
REFORM 30 IN-OUT TR

Ceiling Trimless

- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3 watt and 6 watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Driver, Emergency kit, battery replacement accessibility of emergency kit should be considered as the kit does not pass through the Trimless luminaire cutout.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).
- Constant current 350mA @3W / 700mA @ 6.3W.







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ELECTRON

CREE LEDs

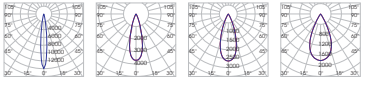
Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	90 (90)	Beam Angle	Type	Luminaire Colour (XXX)	Dimming Option	Accessories (XX)
REFORM 30 IN-OUT Trimless *(REFORM 30 IO TR)*	**3W** (3)	2700K (27C)	310lm	250lm	12° (12)	Adjustable (AD)	***Base*** White (W) Black (B) ***Spot*** White (W) Black (B) ***Inner Ring*** White (W) Black (B)	Without Driver (00)	Standard (0) Honeycomb (1) ***Extras*** No Extras (0) Emergency (1)
		3000K (30C)	310lm	265lm					
		4000K (40C)	330lm	290lm					
		5000K (50C)	360lm	310lm					
	5.8W (6)	2700K (27C)	615lm	500lm					
		3000K (30C)	615lm	530lm					
		4000K (40C)	665lm	575lm					
		5000K (50C)	715lm	615lm					
	3W (3)	2700K (27C)	396lm	320lm	28° (28)				
		3000K (30C)	396lm	342lm	36° (36)				
		4000K (40C)	428lm	369lm	50° (50)				
		5000K (50C)	428lm	396lm					
	6.3W (6)	2700K (27C)	669lm	540lm					
		3000K (30C)	669lm	577lm					
		4000K (40C)	722lm	623lm					
		5000K (50C)	722lm	669lm					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

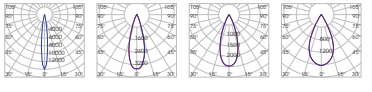
Ordering Code Example: REFORM 30 IO TR-3-40C-80-36-AD-WWB-00-10

Honeycomb

Inner ring colour:
BLACK



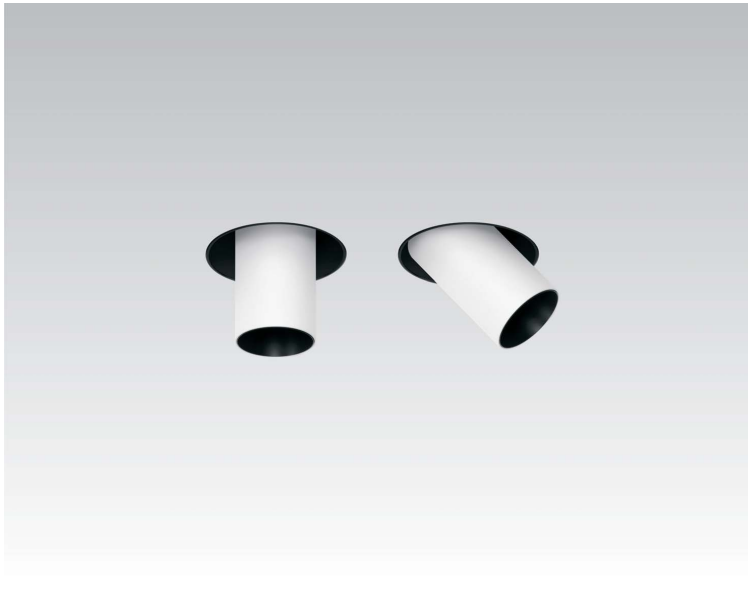
Inner ring colour:
WHITE

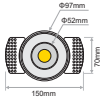


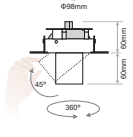
REFORM 52 TR

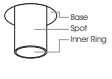
Ceiling Trimless

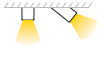
- Reform 52 is a complete series of downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption : 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).











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ELECTRON

CREE LEDs

Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Type
REFORM 52 Trimless *(REFORM 52 TR)*	**8.2W** *(8)*	2700K *(27C)*	*779lm*	*628lm*	6° *(06)*	Adjustable *(AD)*
		3000K *(30C)*	*779lm*	*673lm*		
		4000K *(40C)*	*841lm*	*726lm*		
		5000K *(50C)*	*903lm*	*779lm*		
	12W *(12)*	2700K *(27C)*	*1590lm*	*1380lm*	21° *(21)*	
		3000K *(30C)*	*1710lm*	*1485lm*	33° *(33)*	
		4000K *(40C)*	*1830lm*	*1590lm*	44° *(44)*	
		5000K *(50C)*	*1710lm*	*1590lm*		

Luminaire Colour *(XXX)*
- ***Base***: White *(WI)*, Black *(BL)*
- ***Spot***: White *(WI)*, Black *(BL)*
- ***Inner Ring***: White *(WI)*, Black *(BL)*

Dimming Option
- Without Driver *(00)*
- Non Dimmable *(ND)*
- Analogue (1-10V) *(A1)*
- DMX *(DX)*
- DALI *(DL)*
- Push Button *(PB)*
- Phase Cut *(PC)*
- Wireless ** *(WL)*

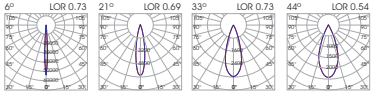
Accessories *(XX)*
- Standard *(01)*
- Honeycomb *(11)*
- Line spread lens *(21)*
- Softening lens *(31)*
- ***EXTRAS***
- No Extras *(00)*
- Emergency *(11)*

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

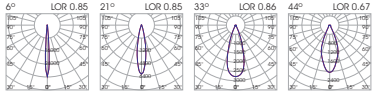
Ordering Code Example:
REFORM 52 TR-12-40C-80-33-AD-WWB-00-01

Honeycomb Line spread lens Softening lens

Inner ring colour: **BLACK**



Inner ring colour: **WHITE**



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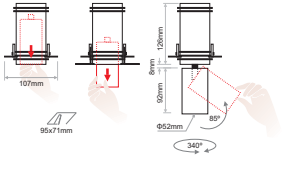
REFORM 52 IN-OUT TR

Ceiling Trimless

- Reform 52 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 8.2 watt and 12 watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Driver, Emergency kit, battery replacement accessibility of emergency kit should be considered as the kit does not pass through the Trimless luminaire cutout.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).
- Constant current 350mA @8.2W / 700mA @ 12W.



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ELECTRON

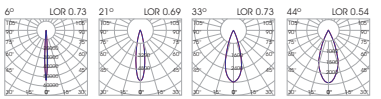
CREE LEDs

Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
REFORM 52 IN-OUT Trimless (REFORM 52 IO TR)	**8.2W** (8)	2700K (27C)	779lm	628lm	6° (06)	Adjustable (AD)	(XXX)	Without Driver (00)	(XX)
		3000K (30C)	779lm	673lm			***Base***		Standard (0)
		4000K (40C)	841lm	726lm			White (W)		Honeycomb (1)
		5000K (50C)	903lm	779lm			Black (B)		Line spread lens (2)
							Spot		Softening lens (3)
							White (W)		***EXTRAS***
							Black (B)		No Extras (0)
	12W (12)	2700K (27C)	1590lm	1380lm	21° (21)		***Inner Ring***		Emergency (1)
		3000K (30C)	1710lm	1485lm	33° (33)		White (W)		
		4000K (40C)	1830lm	1590lm	44° (44)		Black (B)		
		5000K (50C)	1710lm	1590lm					

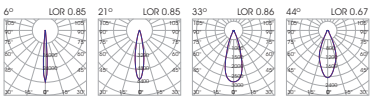
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

Ordering Code Example:
REFORM 52 IO TR-12-40C-80-33-AD-WWB-00-01

Inner ring colour:
BLACK



Inner ring colour:
WHITE



HIDE TR Series

Ceiling Trimless

- HIDE is a series of downlights available either recessed or trimless.
- It is available either round or square.
- It is adjustable and rotatable.
- It is offered in standard or deep version offering extra visual comfort.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- HIDE DEEP version is also available GU10 for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).

HIDE

TR Round

TR Square

TR Square Double

DEEP TR Round

DEEP TR Square

DEEP TR Square Double

HIDE MINI

TR Round

TR Square

DEEP TR Round

DEEP TR Square

HIDE

CREE LEDs *LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13* — LIGHTSOURCE BY bridgelux *WD6,WD12,TW6,TW12* — IP20 IP54

Name	Shape	Model *Watt per LED*	CCT	CRI80, CRI90 *LED Source*		Beam Angle	Luminaire Colour:	Dimming Option	Accessories
				80 *(80)*	90 *(90)*				
HIDE TR *(HIDE TR)* **HIDE TR DEEP** *(HIDE TR DEEP)*	Round *(RD)* Square *(SQ)* Square Double* *(SQD)*	**Low Depth 7W** *(LD7)*	2700K *(27C)*	930lm	762lm	30° *(30)*	*(XXX)* *OUTER* White *(W)* Black *(B)* *INNER* White *(W)* Black *(B)* *DEEP* ** Without *(N)* White *(W)* Black *(B)*	Without Driver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Push Button *(PB)* Phase Cut *(PC)* Wireless*** *(WL)*	*(XXX)* *COVER* Standard *(0XX)* Honeycomb *(1XX)* Linear Spread *(2XX)* Softening Lens *(3XX)* *IP RATE* IP20 *(XDX)* IP54 *(XAX)* *EXTRAS* No Extras *(XX0)* Emergency Kit *(XX1)*
			3000K *(30C)*	960lm	792lm	*DEEP*** 27° *(27)*			
			4000K *(40C)*	1020lm	840lm				
			5000K *(50C)*	1020lm	840lm				
		Standard 6.2W *(ST6)*	2700K *(27C)*	704lm	568lm	19° *(19)*			
			3000K *(30C)*	713lm	608lm	35° *(35)*			
			4000K *(40C)*	760lm	656lm	50° *(50)*			
			5000K *(50C)*	736lm	704lm	*DEEP*** 17° *(17)*			
		Standard 12.2W *(ST12)*	2700K *(27C)*	1590lm	1380lm	30° *(30)*			
			3000K *(30C)*	1710lm	1485lm	45° *(45)*			
			4000K *(40C)*	1830lm	1590lm				
			5000K *(50C)*	1710lm	1590lm				
		Standard 18W *(ST18)*	2700K *(27C)*	2067lm	1794lm				
			3000K *(30C)*	2223lm	1931lm				
			4000K *(40C)*	2379lm	2067lm				
			5000K *(50C)*	2223lm	2067lm				
		Narrow Beam 6W *(NB6)*	2700K *(27C)*	616lm	497lm	9° *(09)*			
			3000K *(30C)*	616lm	532lm				
			4000K *(40C)*	665lm	574lm				
			5000K *(50C)*	714lm	616lm				
		Narrow Beam 8W *(NB8)*	2700K *(27C)*	792lm	639lm				
			3000K *(30C)*	792lm	684lm				
			4000K *(40C)*	855lm	738lm				
			5000K *(50C)*	918lm	792lm				
		Zoom 6.4W *(ZM6)*	2700K *(27C)*	704lm	568lm	22°–50° *(2250)*			
			3000K *(30C)*	713lm	608lm				
			4000K *(40C)*	760lm	656lm				
			5000K *(50C)*	736lm	704lm				
		Zoom 13W *(ZM13)*	2700K *(27C)*	1306lm	1098lm				
			3000K *(30C)*	1360lm	1150lm				
			4000K *(40C)*	1435lm	1236lm				
			5000K *(50C)*	1453lm	1236lm				
				90 *(90)*	95 *(95)*				
		Warm Dimming 0.2–6W *(WD6)*	1800K–3000K *(1830B)*	636lm	518lm	19° *(19)*		Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless*** *(WL)*	
						35° *(35)*			
						50° *(50)*			
						*DEEP*** 17° *(17)*			
		Warm Dimming 12W *(WD12)*	1800K–3000K *(1830B)*	1246lm	1045lm	30° *(30)*			
						45° *(45)*			
		Tunable White 5.9W *(TW6)*	2700K–5000K *(2750B)*	585lm	(both CCTs driven)			DALI *(DL)* Wireless*** *(WL)*	
		Tunable White 11.5W *(TW12)*	2700K–5000K *(2750B)*	987lm	(both CCTs driven)				

ACR.056 Honeycomb (as extra) — ACR.057 Linear Spread (as extra) — ACR.059 Softening Lens (as extra)

*HIDE Square Double option example: HIDE RC SQD-ST6-30C-35-WWW-00-000 will be with 2pcs from ST6 modules.
** Beam angle only for DEEP version.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: HIDE TR-RD-ST18-30C-80-35-WWW-DL-100

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HIDE MINI

CREE LEDs — IP20 IP54

Name	Shape	Model	CCT	CRI80, CRI90 *LED Source*		Beam Angle	Luminaire Colour:	Dimming Option	Accessories
				80 *(80)*	90 *(90)*				
HIDE MINI TR *(HIDE MINI TR)* **HIDE MINI TR DEEP** *(HIDE MINI TR DEEP)*	Round *(RD)* Square *(SQ)*	**Standard 3W** *(ST3)*	2700K *(27C)*	396lm	320lm	27° *(27)*	*(XXX)* *OUTER* White *(W)* Black *(B)* *INNER* White *(W)* Black *(B)* *DEEP* ** Without *(N)* White *(W)* Black *(B)*	Without Driver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Push Button *(PB)* Phase Cut *(PC)* Wireless*** *(WL)*	*(XXX)* *COVER* Standard *(0XX)* Honeycomb *(1XX)* Linear Spread *(2XX)* Softening Lens *(3XX)* *IP RATE* IP20 *(XDX)* IP54 *(XAX)* *EXTRAS* No Extras *(XX0)* Emergency Kit *(XX1)*
			3000K *(30C)*	396lm	342lm	35° *(35)*			
			4000K *(40C)*	428lm	369lm	47° *(47)*			
			5000K *(50C)*	428lm	396lm	*DEEP** 25° *(25)*			
		Standard 4.3W *(ST4)*	2700K *(27C)*	528lm	426lm	30° *(30)*			
			3000K *(30C)*	528lm	456lm	38° *(38)*			
			4000K *(40C)*	570lm	492lm				
			5000K *(50C)*	570lm	528lm				
		Narrow Beam 4W *(NB4)*	2700K *(27C)*	440lm	380lm	13° *(13)*			
			3000K *(30C)*	475lm	410lm				
			4000K *(40C)*	510lm	410lm				
			5000K *(50C)*	510lm	440lm				

*Beam angle only for DEEP version
** Inner Case applicable only for DEEP versions.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

ACR.067 Honeycomb (as extra) — ACR.066 Linear Spread (as extra) — ACR.065 Softening Lens (as extra)

Ordering Code Example:
HIDE MINI TR DEEP-RD-ST4-30C-80-38-WWW-DL-100

HIDE DEEP LL

IP20 IP54

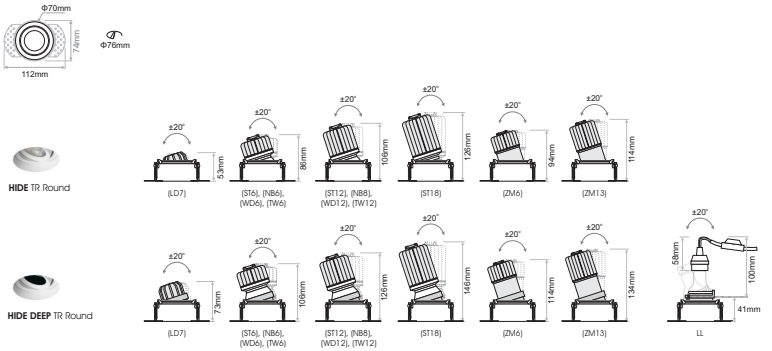
Model	Shape	Luminaire Colour	Lamp Holder	Accessories
HIDE TR DEEP LL *(HIDE TR DEEP LL)*	Round *(RD)* Square *(SQ)* Square Double *(SQD)*	*(XXX)* *OUTER* White *(W)* Black *(B)* *INNER* White *(W)* Black *(B)* *DEEP* White *(W)* Black *(B)*	GU10 (max 7.5W) (G1)	*(XX)* *COVER* Standard *(0X)* Honeycomb *(1X)* Linear Spread *(2X)* Softening Lens *(3X)* *IP RATE* IP20 *(X0)* IP54 *(X1)*

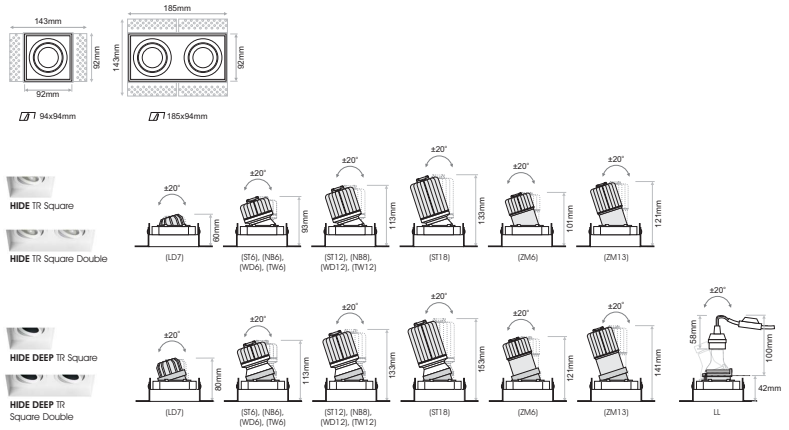
Lamp Not included

Ordering Code Example:
HIDE TR DEEP LL-RD-WWW-G1-10

ACR.056 Honeycomb (as extra) — ACR.057 Linear Spread (as extra) — ACR.059 Softening Lens (as extra)

HIDE





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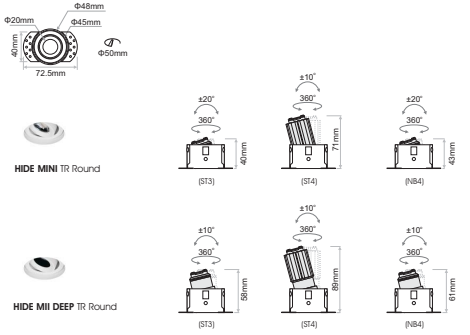
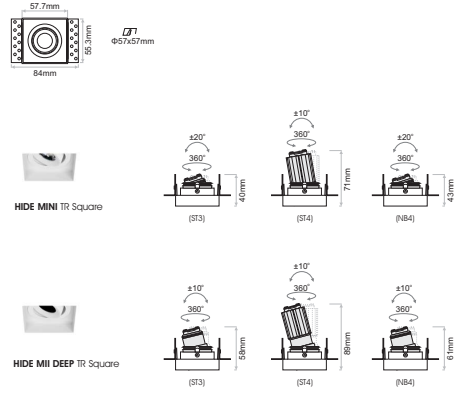
ELECTRON

HIDE MINI





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ELECTRON

HIDE

LD7

HIDE WH

30° LOR 0.64

HIDE DEEP WH

27° LOR 0.50

ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12

HIDE WH

19° LOR 0.76

35° LOR 0.82

50° LOR 0.79

HIDE DEEP BL

17° LOR 0.58

30° LOR 0.55

45° LOR 0.65

NB6/ NB8

HIDE WH

9° LOR 0.78

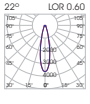
HIDE DEEP WH

9° LOR 0.71

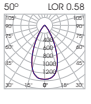
ZM6/ ZM13

HIDE WH

22° LOR 0.60

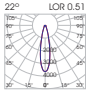


50° LOR 0.58

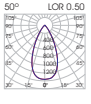


HIDE DEEP WH

22° LOR 0.51



50° LOR 0.50



HIDE MINI

ST3 / ST4

HIDE WH

27° LOR 0.81

35° LOR 0.79

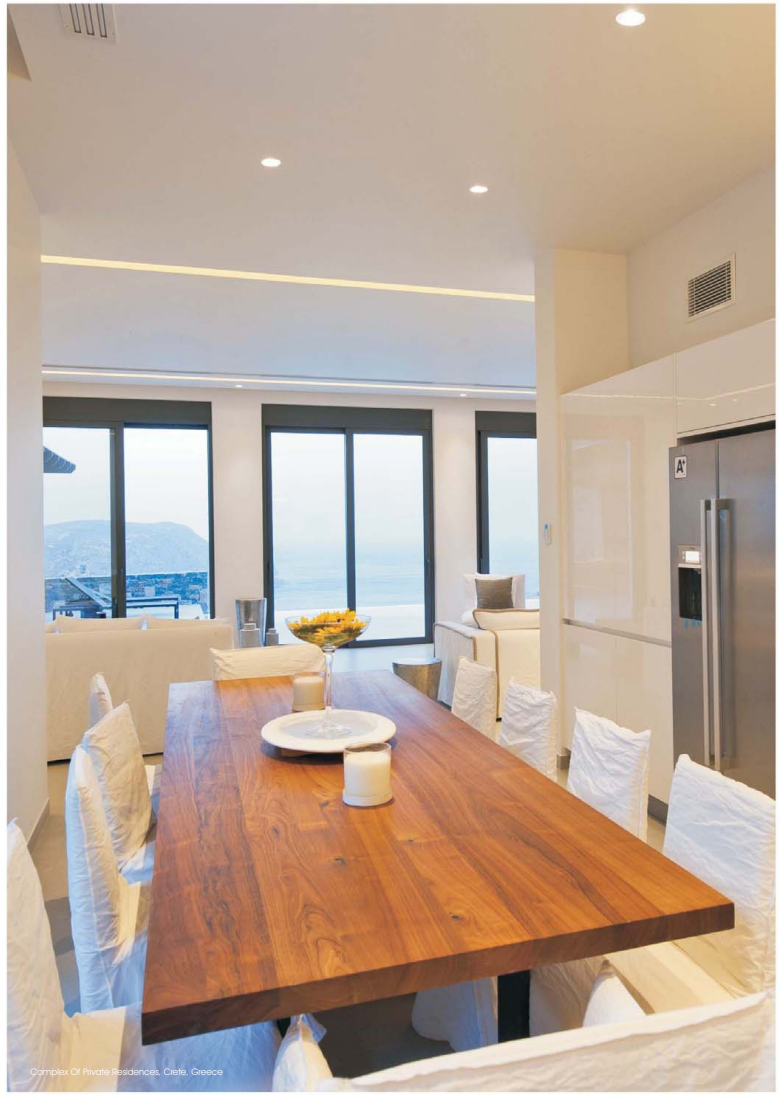
47° LOR 0.74

HIDE DEEP BL

25° LOR 0.57

30° LOR 0.61

38° LOR 0.52



Complex Of Private Residences, Crete, Greece

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WHISPER TR Series

Ceiling Trimless

- Whisper is a high aesthetically downlight.
- It is offered either recessed or trimless.
- It is available either round or square.
- WHISPER DEEP version is also available for GU10 LED lamps.
- Luminaire outer trim material: aluminium.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15).
- Selection of IP protection: either IP20 or IP54 (face only).

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CREE LEDs — LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13

LIGHTSOURCE BY bridgelux. — WD6,WD12,TW6,TW12

IP20 | IP54

Name	Shape*	Model	CCT	CRI80, CRI90 LED Source	Beam Angle	Luminaire Colour:	Dimming Option	Accessories
				80 (80) 90 (90)				(XXX)
WHISPER TR (WHISPER TR)	Round (RD) Square (SQ)	**Low Depth 7W** (LD7)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	930lm 762lm 960lm 792lm 1020lm 840lm 1020lm 840lm	30° (30)	White (WH) Black (BL)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER: Standard (0XX) Honeycomb (1XX) Linear Spread (2XX) Softening Lens (3XX)
		Standard 6.2W (ST6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704lm 568lm 713lm 608lm 760lm 656lm 736lm 704lm	18° (18) 37° (37) 52° (52)			IP RATE: IP20 (X0X) IP54 (X1X)
		Standard 12.2W (ST12)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1590lm 1380lm 1710lm 1485lm 1830lm 1590lm 1710lm 1590lm				EXTRAS: No Extras (XX0) Emergency Kit (XX1)
		Standard 18W (ST18)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2067lm 1794lm 2223lm 1931lm 2379lm 2067lm 2223lm 2067lm				
		Narrow Beam 6W (NB6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	616lm 497lm 616lm 532lm 665lm 574lm 714lm 616lm	9° (09)			
		Narrow Beam 8W (NB8)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	792lm 639lm 792lm 684lm 855lm 738lm 918lm 792lm				
		Zoom 6.4W (ZM6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704lm 568lm 713lm 608lm 760lm 656lm 736lm 704lm	22°–50° (2250)			
		Zoom 13W (ZM13)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1306lm 1098lm 1360lm 1150lm 1435lm 1236lm 1453lm 1236lm				
				90 (90) 95 (95)				
		Warm Dimming 0.2–6W (WD6)	1800K–3000K (1830B)	636lm 518lm	18° (18) 37° (37) 52° (52)		Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless** (WL)	
		Warm Dimming 12W (WD12)	1800K–3000K (1830B)	1246lm 1045lm				
		Tunable White 5.9W (TW6)	2700K–5000K (2750B)	585lm (both CCT's driven)			DALI (DL) Wireless** (WL)	
		Tunable White 11.5W (TW12)	2700K–5000K (2750B)	987lm (both CCT's driven)				

ACR.056 Honeycomb (as extra)

ACR.057 Linear Spread (as extra)

ACR.059 Softening Lens (as extra)

* WHISPER ADJ only available in round shape

** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: WHISPER TR-RD-ST18-30C-80-37-WH-DL-100

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WHISPER DEEP LL

IP20 IP54

Model	Shape	Luminaire Colour:	Lamp Holder	Accessories
WHISPER TR DEEP LL *(WHISPER TR DEEP LL)*	Round *(RD)* Square *(SQ)*	White *(WH)* Black *(BL)*	GU10 (max 7.5W) (G1)	*(XX)* **COVER** Standard *(0x)* Honeycomb *(1x)* Linear Spread *(2x)* Softening Lens *(3x)* **IP RATE** IP20 *(10)* IP54 *(x1)*

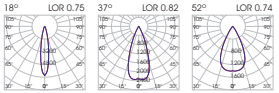
Lamp
Not included

Ordering Code Example:
WHISPER TR DEEP LL-RD-WW-G1-10

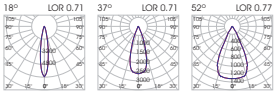
ACR.056 Honeycomb (as extra)
ACR.057 Linear Spread (as extra)
ACR.059 Softening Lens (as extra)

LD7
WHISPER RD BL
30° LOR 0.60

ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12
WHISPER RD BL
18° LOR 0.75 37° LOR 0.82 52° LOR 0.74

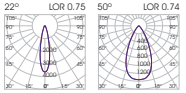


WHISPER SQ BL
18° LOR 0.71 37° LOR 0.71 52° LOR 0.77



NB6/ NB8
WHISPER RD BL
9° LOR 0.77

ZM6/ ZM13
WHISPER RD BL
22° LOR 0.75 50° LOR 0.74



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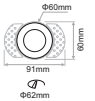
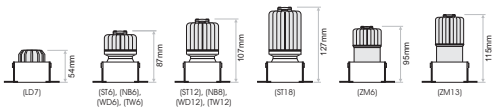
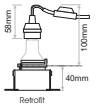
ELECTRON

WHISPER TR Round

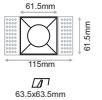


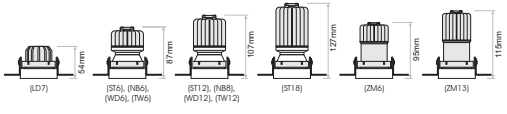


WHISPER TR DEEP Round

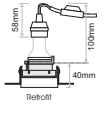


WHISPER TR Square





WHISPER TR DEEP Square



CRUSH TR Series

Ceiling Trimless

- Crush is a downlight available either recessed or trimless.
- It is available in square form.
- Power consumption: varies from 6 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- CRUSH is also available for GU10 LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15).
- Selection of IP protection: either IP20 or IP54 (face only).

TR

TR Double

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ELECTRON

CRUSH

CREE LEDs — *LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13*

LIGHTSOURCE BY bridgelux — *WD6,WD12,TW6,TW12*

IP20 | IP54

Name	Model / Watt per LED	CCT	CRI80, CRI90 / LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
			80 (80) 90 (90)				
CRUSH TR *(CRUSH TR)*	**Low Depth 7W** *(LD7)*	2700K (27C)	930lm 762lm	30° (30)	White (WH)	Without Driver (00)	(XXX)
CRUSH TR Double* *(CRUSH TR DB)*		3000K (30C)	960lm 792lm		Black (BL)	Non Dimmable (ND)	
		4000K (40C)	1020lm 840lm			Analogue (1-10V) (A1)	**COVER**
		5000K (50C)	1020lm 840lm			DMX (DX)	Standard (0XX)
	Standard 6.2W *(ST6)*	2700K (27C)	704lm 568lm	19° (19)		DALI (DL)	Honeycomb (1XX)
		3000K (30C)	713lm 608lm	35° (35)		Push Button (PB)	Linear Spread (2XX)
		4000K (40C)	760lm 656lm	50° (50)		Phase Cut (PC)	Softening Lens (3XX)
		5000K (50C)	736lm 704lm			Wireless** (WL)	**IP RATE**
	Standard 12.2W *(ST12)*	2700K (27C)	1590lm 1380lm				IP20 (XD1)
		3000K (30C)	1710lm 1485lm				IP54 (X41)
		4000K (40C)	1830lm 1590lm				**EXTRAS**
		5000K (50C)	1710lm 1590lm				No Extras (XX0)
	Standard 18W *(ST18)*	2700K (27C)	2067lm 1794lm				Emergency Kit (XX1)
		3000K (30C)	2223lm 1931lm				
		4000K (40C)	2379lm 2067lm				
		5000K (50C)	2223lm 2067lm				
	Narrow Beam 6W *(NB6)*	2700K (27C)	616lm 497lm	9° (09)			
		3000K (30C)	616lm 532lm				
		4000K (40C)	665lm 574lm				
		5000K (50C)	714lm 616lm				
	Narrow Beam 8W *(NB8)*	2700K (27C)	792lm 639lm				
		3000K (30C)	792lm 684lm				
		4000K (40C)	855lm 738lm				
		5000K (50C)	918lm 792lm				
	Zoom 6.4W *(ZM6)*	2700K (27C)	704lm 568lm	22°–50° (2250)			
		3000K (30C)	713lm 608lm				
		4000K (40C)	760lm 656lm				
		5000K (50C)	736lm 704lm				
	Zoom 13W *(ZM13)*	2700K (27C)	1306lm 1098lm				
		3000K (30C)	1360lm 1150lm				
		4000K (40C)	1435lm 1236lm				
		5000K (50C)	1453lm 1236lm				
			90 (90) 95 (95)				
	Warm Dimming 0.2–6W *(WD6)*	1800K–3000K (1830B)	636lm 518lm	19° (19) 35° (35) 50° (50)		Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless** (WL)	
	Warm Dimming 12W *(WD12)*	1800K–3000K (1830B)	1246lm 1045lm				
	Tunable White 5.9W *(TW6)*	2700K–5000K (2750B)	585lm (both CCTs driven)			DALI (DL) Wireless** (WL)	
	Tunable White 11.5W *(TW12)*	2700K–5000K (2750B)	987lm (both CCTs driven)				

ACR.056 Honeycomb (as extra)

ACR.057 Linear Spread (as extra)

ACR.059 Softening Lens (as extra)

*CRUCH TR Double option example: CRUSH TR DB-ST12-30C-35-WH-00-000 will be with 2pcs from ST12 modules.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: CRUSH TR-ST18-30C-80-50-WH-DL-100

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CRUSH LL

IP20 | IP54

Model	Luminaire Colour:	Lamp Holder	Accessories
CRUSH TR LL *(CRUSH TR LL)*	White/White *(WW)*	GU10 (max 7.5W) (G1)	*(XX)*
CRUSH TR Double LL *(CRUSH TR DB LL)*	White/Black *(WB)*		***COVER***
	Black/Black *(BB)*		Standard *(0-)*
	Black/White *(BW)*		Honeycomb *(1-)*
			Linear Spread *(2-)*
			Softening Lens *(3-)*
			IP RATE
			IP20 *(-10)*
			IP54 *(-X1)*

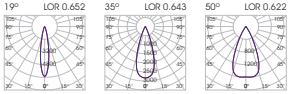
Lamp
Not included

Ordering Code Example:
CRUSH TR LL-WW-G1-10

ACR.056 Honeycomb (as extra)
ACR.057 Linear Spread (as extra)
ACR.059 Softening Lens (as extra)

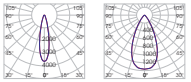
LD7
30° LOR 0,53

ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12
19° LOR 0.652 | 35° LOR 0.643 | 50° LOR 0.622



NB6/ NB8
9° LOR 0,759

ZM6/ ZM13
22 LOR 0.66 | 50 LOR 0.62



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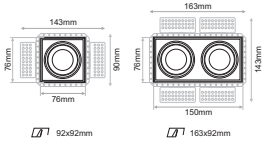
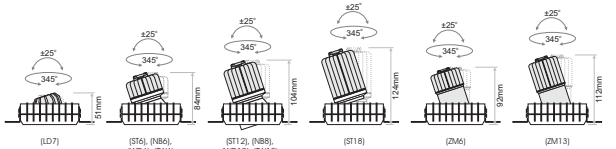
ELECTRON

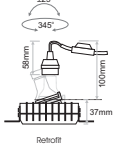
Ceiling Trimless

CRUSH TR Series

CRUSH TR
CRUSH TR Double







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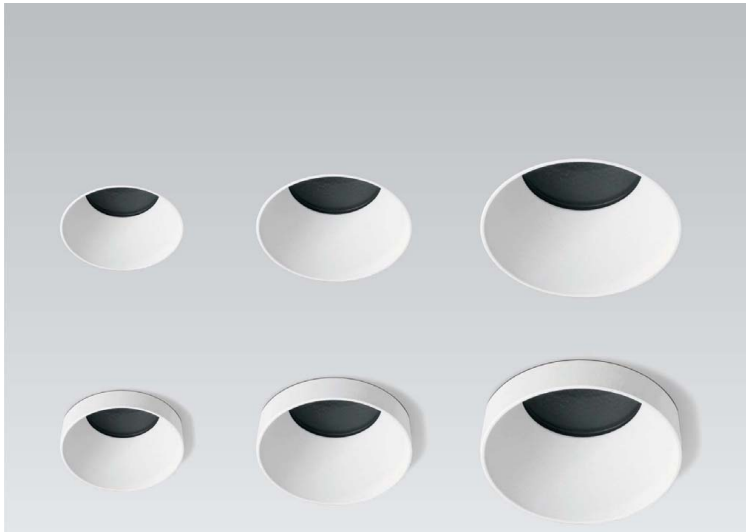
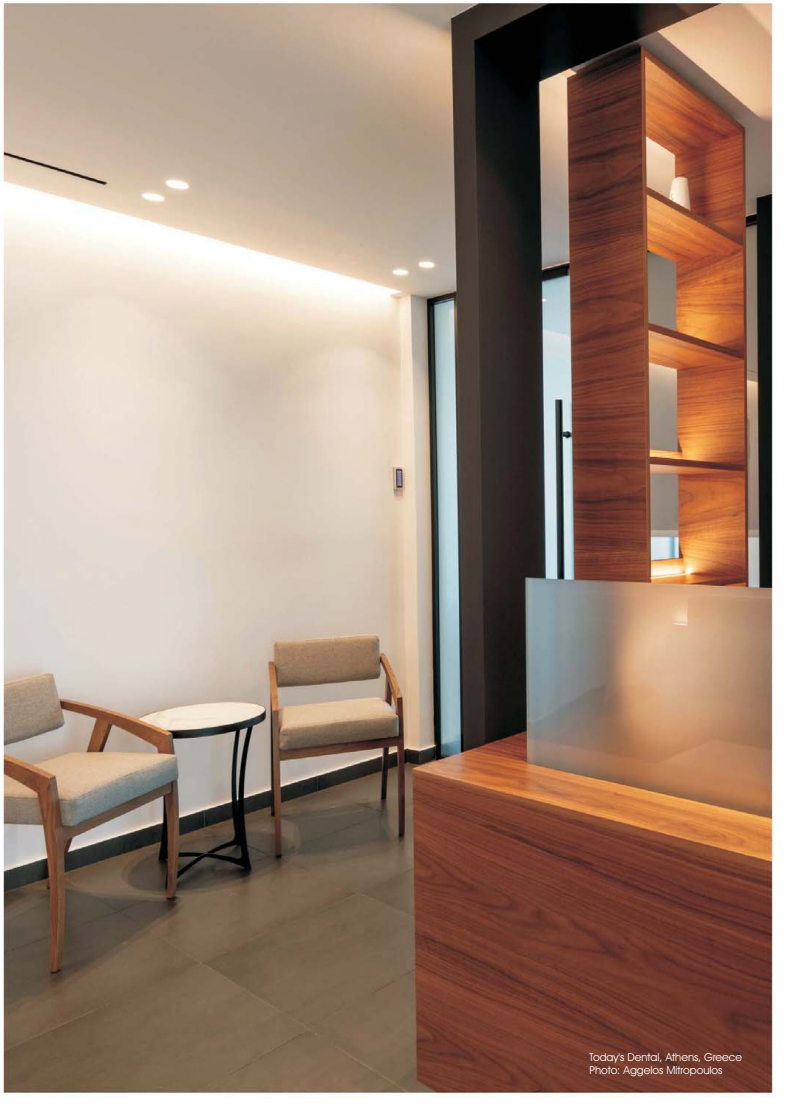
LIMIT TR

Ceiling Trimless

- Limit TR is an elegant waterproof trimless downlight available in 3 different sizes.
- Limit TR may also be 9/12mm lowered from the ceiling offering a special note to any space.
- It has a low UGR ensuring visual comfort.
- Available in either black or white colour.
- It offers a selection of dimming options.
- 3 SDCM
- L90/B10 50.000h
- IP Protection: IP67/IP66



LIMIT TR 6 LIMIT TR 9 LIMIT TR 13



Today's Dental, Athens, Greece
Photo: Aggelos Mitropoulos

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LIGHTSOURCE BY bridgelux

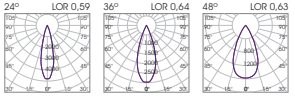
IP67/IP66

Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	90 (90)	Beam Angle	Type	Colour	Dimming Option	Accessories
LIMIT TR (LIMIT TR)	**6.4W** (6)	2700K (278)	793lm	655lm	24° (24)	Fixed (FX)	White (WH)	Without Driver (00)	No Extras (0)
		3000K (308)	843lm	684lm	36° (36)		Black (BL)	Non Dimmable (ND)	Emergency (1)
		4000K (408)	867lm	724lm	48° (48)			Analogue (1-10V) (A1)	Honeycomb (2)
		5000K (508)	878lm	759lm				DMX (DX)	
								DALI (DL)	
								Push Button (PB)	
								Phase Cut (PC)	
								Wireless** (WL)	
	8.8W (9)	2700K (278)	1204lm	993lm	17° (17)				
		3000K (308)	1279lm	1038lm	24° (24)				
		4000K (408)	1316lm	1098lm	36° (36)				
		5000K (508)	1331lm	1151lm	60° (60)				
	12.8W (13)	2700K (278)	1678lm	1384lm					
		3000K (308)	1783lm	1447lm					
		4000K (408)	1835lm	1531lm					
		5000K (508)	1857lm	1605lm					

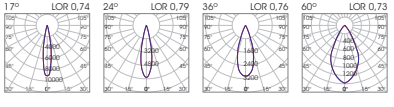
* Models with CCTs of 3500K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *LIMIT TR-9-40B-90-36-FX-WH-DL-0*

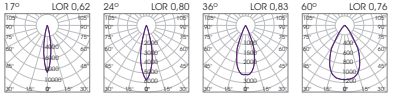
LIMIT TR 6



LIMIT TR 9



LIMIT TR 13



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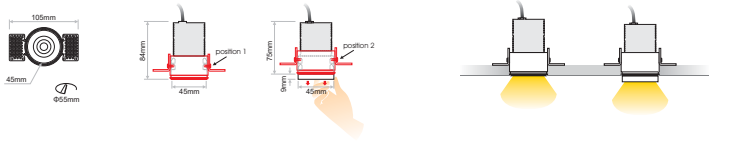
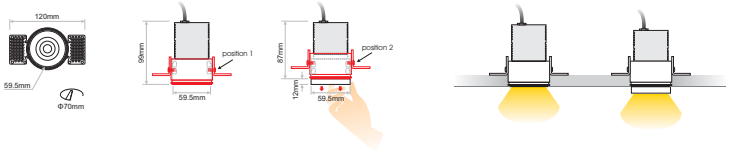
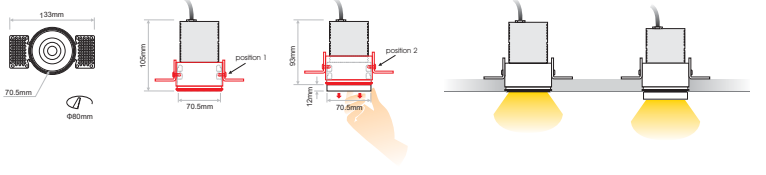
LIMIT TR 6



LIMIT TR 9



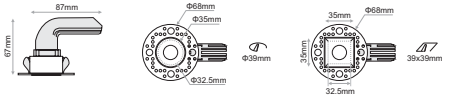
LIMIT TR 13



LIMIT TR 6 LIMIT TR 9 LIMIT TR 13

POLAR TR

- Polar is a miniaturized downlight available either trimless or recessed.
- It is ideal in spaces with low depth ceiling due to its special design.
- It has a low UGR ensuring visual comfort (UGR<16).
- It is available either round or square.
- Body material: aluminium.
- Trimless outer base: PC.
- Maximum driving current 700mA.
- System Consumption@ 700mA 10 Watt.
- 3 SDCM
- L90/B10 50.000h
- Selection of IP protection: either IP40 or IP44.



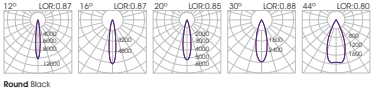
CREE LEDs

IP40 IP44

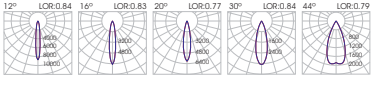
Model	Type	LED Power	IP Protection	CCT	CRI80, CRI90 LED Source		Beam Angle	Type	Colour	Dimming Option
					80 (80)	90 (90)				
POLAR Trimless (POLAR TR)	Round (R) Square (S)	8.2W (8)	IP40 (40) IP44 (44)	2700K (27C) 3000K (30C) 3500K (35C) 4000K (40C) 5000K (50C)	792lm 792lm 855lm 855lm 918lm	639lm 684lm 684lm 738lm 792lm	12° (VN) 16° (NR) 20° (MD) 30° (WD) 44° (WW)	Fixed (FX)	White (WH) Black (BL)	Without Driver (00) Non Dimmable (ND) Phase Cut Dimmable (PC)

Ordering Code Example:
POLAR TR R8-44-30C-80-NR-FX-WH-00

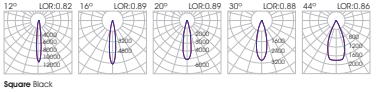
Round White



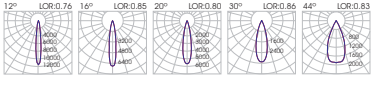
Round Black



Square White

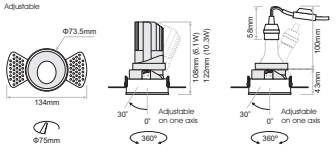


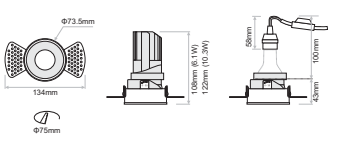
Square Black



FOCUS TR

- Focus is a series of trimless downlights.
- Offered with IP44 LED module or with GU10 lampholder (max 7.5 Watt).
- Available either fixed or adjustable.
- Inner part availbale in white, black, gold or silver colour.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort (UGR<10).





LIGHTSOURCE BY bridgelux

Name	Model (LED Power)	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
FOCUS Trimless (FOCUS TR)	**6.1W** (6)	2700K (27B)	812lm	677lm	18° (18)	Adjustable (AD)	White (W)	Without Driver (00)	No Extra (00)
		3000K (30B)	845lm	705lm	24° (24)	Fixed (FX)	Black (B)	Non Dimmable (ND)	Emergency Kit (01)
		4000K (40B)	879lm	733lm	32° (32)		Gold (G)	Analogue (1-10V) (A1)	
	10.3W (10)	2700K (27B)	1379lm	1138lm	48° (48)		Silver (S)	DMX (DX)	
		3000K (30B)	1435lm	1180lm				DALI (DL)	
		4000K (40B)	1479lm	1265lm				Push Button (PB)	
								Phase Cut (PC)	
								Wireless*** (WL)	
				95 (95)					
	Warm Dimming 6.1W (WD)	1800K-3000K (1830B)		518lm				Analogue (1-10V) (A1)	
								DALI (DL)	
								Phase Cut (PC)	
								Wireless*** (WL)	

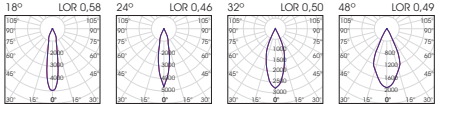
* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

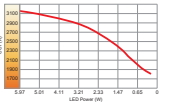
Ordering Code Example: FOCUS TR-6-30B-90-32-AD-B-00-00

Model	Type	Colour	Lamp Holder
FOCUS Trimless LL (FOCUS TR LL)	Adjustable (AD)	White (WH)	GU10 (max 7.5W) (G1)
	Fixed (FX)	Black (BL)	
		Gold (GL)	
		Silver (SL)	

Lamp
Not included

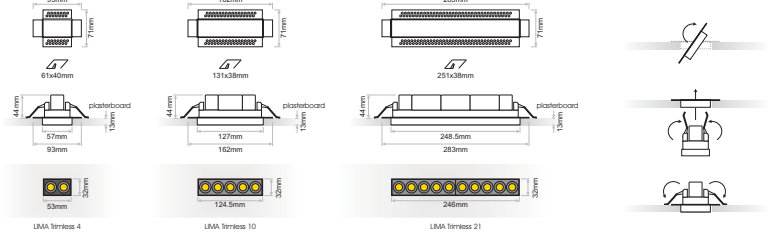
Ordering Code Example: FOCUS TR LL-FX-WH-BL-G1





LIMA TR

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different power consumption and it is offered for recessed or trimless application.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50.000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40



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ELECTRON

CREE LEDs

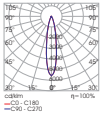
IP40

Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
LIMA 4W Trimless *(LIMA 4 TR)*	2700K (27C)	528lm	464lm	Fixed (FX)	15° (15)	White (WH)	Without Driver (00)	COVER: Standard (0X)
	3000K (30C)	528lm	494lm		30° (30)	Black (BL)	Non Dimmable (ND)	(XX)
	4000K (40C)	562lm	528lm		50° (50)		Analogue (1-10V) (A1)	EXTRAS: No Extras (X0)
	6500K (65C)	592lm	-		15°x35° (1535)		DMX (DX)	Emergency Kit (X1)
LIMA 10W Trimless *(LIMA 10 TR)*	2700K (27C)	1320lm	1160lm				DALI (DL)	
	3000K (30C)	1320lm	1235lm				Push Button (PB)	
	4000K (40C)	1405lm	1320lm				Phase Cut (PC)	
	6500K (65C)	1480lm	-				Wireless* (WL)	
LIMA 21W Trimless *(LIMA 21 TR)*	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

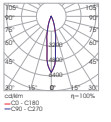
* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *LIMA 10 TR-30C-80-FX-50-WH-ND-00*

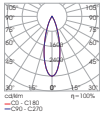
White *(Mask)* 15° LOR 0,74



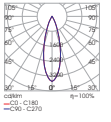
Black *(Mask)* 15° LOR 0,63



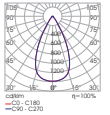
White *(Mask)* 30° LOR 0,83



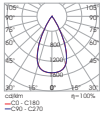
Black *(Mask)* 30° LOR 0,76



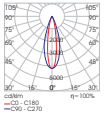
White *(Mask)* 50° LOR 0,78



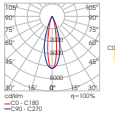
Black *(Mask)* 50° LOR 0,70



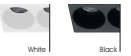
White *(Mask)* 15°x35° LOR 0,81



Black *(Mask)* 15°x35° LOR 0,74



Luminaire Colour: Mask

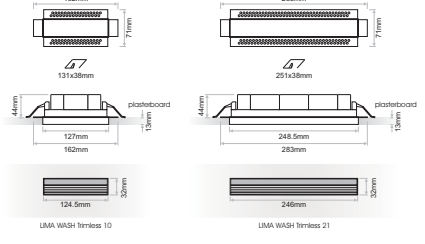


LIMA WASH TR

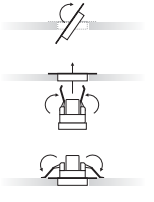
Ceiling Trimless

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different power consumption and it is offered for recessed or trimless application.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50.000h
- Constant current
- Indoor use: IP40

CREE LEDs



LIMA WASH Trimless 10 LIMA WASH Trimless 21



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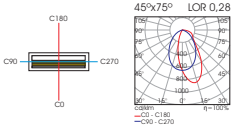
CREE LEDs IP40

Model (LED Power)	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Luminaire Colour:	Dimming Option		Accessories	
		80 (80)	90 (90)							
LIMA WASH 10W Trimless *(LIMA W10 TR)*	2700K (27C)	1320lm	1160lm	Fixed (FX)	45°x75° (45)	Black (BL)	Without Driver	(00)	**COVER** Standard	(0X)
	3000K (30C)	1320lm	1235lm				Non Dimmable	(ND)		(XX)
	4000K (40C)	1405lm	1320lm				Analogue (1-10V)	(A1)		
	6500K (65C)	1480lm	-				DMX	(DX)	**EXTRAS**	
							DALI	(DL)	No Extras	(X0)
LIMA WASH 21W Trimless *(LIMA W21 TR)*	2700K (27C)	2640lm	2320lm				Push Button	(PB)	Emergency Kit	(X1)
	3000K (30C)	2640lm	2470lm				Phase Cut	(PC)		
	4000K (40C)	2810lm	2640lm				Wireless*	(WL)		
	6500K (65C)	2960lm	-							

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
LIMA W21 TR-30C-80-FX-45-BL-ND-00

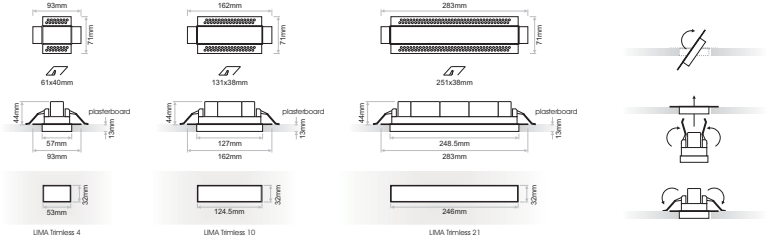


Luminaire Colour:

Black

LIMA DIFFUSED TR

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different power consumption and it is offered for recessed or trimless application.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50.000h
- Constant current
- Indoor use: IP40



CREE LEDs

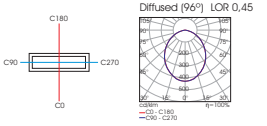
IP40

Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour	Dimming Option	Accessories
LIMA Diffused 4W Trimless *(LIMA DF 4 TR)*	2700K *(27C)*	528lm	464lm	Fixed *(FX)*	Diffused *(DF)*	White *(WH)*	Without Driver *(00)*	**COVER** Standard *(01)*
	3000K *(30C)*	528lm	494lm			Black *(BL)*	Non Dimmable *(ND)*	
	4000K *(40C)*	562lm	528lm				Analogue (1-10V) *(A1)*	*(XX)*
	6500K *(65C)*	592lm	-				DMX *(DX)*	**EXTRAS**
LIMA Diffused 10W Trimless *(LIMA DF 10 TR)*	2700K *(27C)*	1320lm	1160lm				DALI *(DL)*	No Extras *(/00)*
	3000K *(30C)*	1320lm	1235lm				Push Button *(PB)*	Emergency Kit *(/41)*
	4000K *(40C)*	1405lm	1320lm				Phase Cut *(PC)*	
	6500K *(65C)*	1480lm	-				Wireless* *(WL)*	
LIMA Diffused 21W Trimless *(LIMA DF 21 TR)*	2700K *(27C)*	2640lm	2320lm					
	3000K *(30C)*	2640lm	2470lm					
	4000K *(40C)*	2810lm	2640lm					
	6500K *(65C)*	2960lm	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
LIMA DF 10 TR-30C-80-FX-DF-WH-ND-00

White
Diffused (96°) LOR 0,45



Luminaire Colour:

LUPO ROUND WASH

Ceiling Trimless

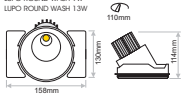
LIGHTSOURCE BY LUMINUS

Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
LUPO Round Wash *(LUPO RW)*	**9W** *(9)*	2700K *(27L)*	*950lm*	Fixed *(FX)*	95 *(95)*	15° *(15)*	White *(WH)*	Without Driver *(00)*	***COVER***
		3000K *(30L)*	*1010lm*			38° *(38)*	Black *(BL)*	Non-Dimmable *(ND)*	Standard *(0X)*
		3500K *(35L)*	*1040lm*			60° *(60)*		Analogue (1-10V) *(A1)*	↓
		4000K *(40L)*	*1080lm*					DMX *(DX)*	*(XX)*
		5000K *(50L)*	*1090lm*					DALI *(DL)*	↑
	13W *(13)*	2700K *(27L)*	*1240lm*					Wireless* *(WL)*	***EXTRAS***
		3000K *(30L)*	*1325lm*						No Extras *(X0)*
		3500K *(35L)*	*1365lm*						Emergency *(X1)*
		4000K *(40L)*	*1420lm*						
		5000K *(50L)*	*1430lm*						
	38W *(38)*	2700K *(27L)*	*4180lm*			15° *(15)*			
		3000K *(30L)*	*4425lm*			24° *(24)*			
		3500K *(35L)*	*4570lm*						
		4000K *(40L)*	*4712lm*						
		5000K *(50L)*	*4800lm*						

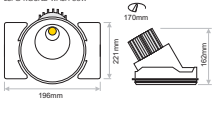
* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO RW38-30L-FX-95-24-WH-ND-00

LUPO ROUND WASH 9W
LUPO ROUND WASH 13W



LUPO ROUND WASH 38W



LUPO ROUND WASH 9W
LUPO ROUND WASH 13W

LUPO ROUND WASH 38W

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Ceiling Trimless

LUPO ROUND

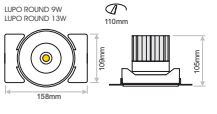
LIGHTSOURCE BY LUMINUS

Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
LUPO Round *(LUPO R)*	**9W** *(9)*	2700K *(27L)*	*950lm*	Fixed *(FX)*	95 *(95)*	15° *(15)*	White *(WH)*	Without Driver *(00)*	***COVER***
		3000K *(30L)*	*1010lm*			38° *(38)*	Black *(BL)*	Non-Dimmable *(ND)*	Standard *(0X)*
		3500K *(35L)*	*1040lm*			60° *(60)*		Analogue (1-10V) *(A1)*	↓
		4000K *(40L)*	*1080lm*					DMX *(DX)*	*(XX)*
		5000K *(50L)*	*1090lm*					DALI *(DL)*	↑
	13W *(13)*	2700K *(27L)*	*1240lm*					Wireless* *(WL)*	***EXTRAS***
		3000K *(30L)*	*1325lm*						No Extras *(X0)*
		3500K *(35L)*	*1365lm*						Emergency *(X1)*
		4000K *(40L)*	*1420lm*						
		5000K *(50L)*	*1430lm*						
	38W *(38)*	2700K *(27L)*	*4180lm*			15° *(15)*			
		3000K *(30L)*	*4425lm*			24° *(24)*			
		3500K *(35L)*	*4570lm*						
		4000K *(40L)*	*4712lm*						
		5000K *(50L)*	*4800lm*						

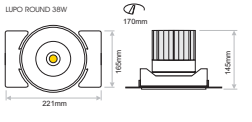
* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO R38-30L-FX-95-24-WH-ND-00

LUPO ROUND 9W
LUPO ROUND 13W



LUPO ROUND 38W



LUPO ROUND 9W
LUPO ROUND 13W

LUPO ROUND 38W

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LUPO SQUARE WASH

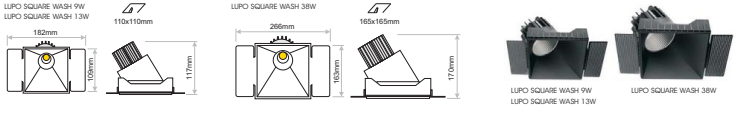
Ceiling Trimless

LIGHTSOURCE BY LUMINUS

Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
LUPO Square Wash *(LUPO SW)*	**9W** *(9)*	2700K *(27L)*	*950lm*	Fixed *(FX)*	95 *(95)*	15° *(15)*	White *(WH)*	Without Driver *(00)*	***COVER***
		3000K *(30L)*	*1010lm*			38° *(38)*	Black *(BL)*	Non-Dimmable *(ND)*	Standard *(0X)*
		3500K *(35L)*	*1040lm*			60° *(60)*		Analogue (1-10V) *(A1)*	↓
		4000K *(40L)*	*1080lm*					DMX *(DX)*	*(XX)*
		5000K *(50L)*	*1090lm*					DALI *(DL)*	↑
	13W *(13)*	2700K *(27L)*	*1240lm*					Wireless* *(WL)*	***EXTRAS***
		3000K *(30L)*	*1325lm*						No Extras *(X0)*
		3500K *(35L)*	*1365lm*						Emergency *(X1)*
		4000K *(40L)*	*1420lm*						
		5000K *(50L)*	*1430lm*						
	38W *(38)*	2700K *(27L)*	*4180lm*			15° *(15)*			
		3000K *(30L)*	*4425lm*			24° *(24)*			
		3500K *(35L)*	*4570lm*						
		4000K *(40L)*	*4712lm*						
		5000K *(50L)*	*4800lm*						

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO SW38-30L-FX-95-24-WH-ND-00



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Ceiling Trimless

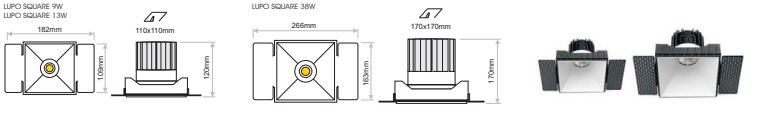
LUPO SQUARE

LIGHTSOURCE BY LUMINUS

Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
LUPO Square *(LUPO S)*	**9W** *(9)*	2700K *(27L)*	*950lm*	Fixed *(FX)*	95 *(95)*	15° *(15)*	White *(WH)*	Without Driver *(00)*	***COVER***
		3000K *(30L)*	*1010lm*			38° *(38)*	Black *(BL)*	Non-Dimmable *(ND)*	Standard *(0X)*
		3500K *(35L)*	*1040lm*			60° *(60)*		Analogue (1-10V) *(A1)*	↓
		4000K *(40L)*	*1080lm*					DMX *(DX)*	*(XX)*
		5000K *(50L)*	*1090lm*					DALI *(DL)*	↑
	13W *(13)*	2700K *(27L)*	*1240lm*					Wireless* *(WL)*	***EXTRAS***
		3000K *(30L)*	*1325lm*						No Extras *(X0)*
		3500K *(35L)*	*1365lm*						Emergency *(X1)*
		4000K *(40L)*	*1420lm*						
		5000K *(50L)*	*1430lm*						
	38W *(38)*	2700K *(27L)*	*4180lm*			15° *(15)*			
		3000K *(30L)*	*4425lm*			24° *(24)*			
		3500K *(35L)*	*4570lm*						
		4000K *(40L)*	*4712lm*						
		5000K *(50L)*	*4800lm*						

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO S38-30L-FX-95-24-WH-ND-00



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HELIO

Ceiling Trimless

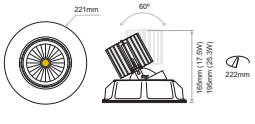
- HELIO is a trimless adjustable plaster luminaire.
- 3 SDCM
- L90/B10 50.000h

LIGHTSOURCE BY bridgelux

Model	Power	CCT*	LED Source CRI80	LED Source CRI90	LED Source CRI97	Type	CRI	Beam Angle	Colour	Dimming Option		Accessories
HELIO *(HELIO)*	**17.5W** *(18)*	2700K *(27B)*	*2482lm*	*2048lm*	*1815lm*	Adjustable *(AD)*	80 *(80)*	45° *(45)*	White *(WH)*	Without Driver	*(00)*	***COVER*** Standard *(0X)*
		3000K *(30B)*	*2637lm*	*2140lm*	*1939lm*		90 *(90)*			Non Dimmable	*(ND)*	
		4000K *(40B)*	*2714lm*	*2265lm*	-		97 *(97)*			Analogue (1-10V)	*(A1)*	
		5700K *(57B)*	*2637lm*	-	-					DMX	*(DX)*	*(XX)*
										DALI	*(DL)*	
	25.3W *(25)*	2700K *(27B)*	*3384lm*	*2792lm*	*2475lm*					Push Button	*(PB)*	***EXTRAS***
		3000K *(30B)*	*3595lm*	*2919lm*	*2644lm*					Phase Cut	*(PC)*	No Extras *(X0)*
		4000K *(40B)*	*3701lm*	*3088lm*	-					Wireless***	*(WL)*	Emergency *(X1)*
		5700K *(57B)*	*3595lm*	-	-							

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: HELIO 25-30B-AD-90-45-WH-ND-00



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ELECTRON

Ceiling Trimless

PANDORA

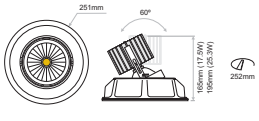
- PANDORA is a trimless adjustable plaster luminaire.
- 3 SDCM
- L90/B10 50.000h

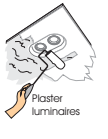
LIGHTSOURCE BY bridgelux

Model	Power	CCT*	LED Source CRI80	LED Source CRI90	LED Source CRI97	Type	CRI	Beam Angle	Colour	Dimming Option		Accessories
PANDORA *(PANDORA)*	**17.5W** *(18)*	2700K *(27B)*	*2482lm*	*2048lm*	*1815lm*	Adjustable *(AD)*	80 *(80)*	34° *(34)*	White *(WH)*	Without Driver	*(00)*	***COVER*** Standard *(0X)*
		3000K *(30B)*	*2637lm*	*2140lm*	*1939lm*		90 *(90)*			Non Dimmable	*(ND)*	
		4000K *(40B)*	*2714lm*	*2265lm*	-		97 *(97)*			Analogue (1-10V)	*(A1)*	
		5700K *(57B)*	*2637lm*	-	-					DMX	*(DX)*	*(XX)*
										DALI	*(DL)*	
	25.3W *(25)*	2700K *(27B)*	*3384lm*	*2792lm*	*2475lm*					Push Button	*(PB)*	***EXTRAS***
		3000K *(30B)*	*3595lm*	*2919lm*	*2644lm*					Phase Cut	*(PC)*	No Extras *(X0)*
		4000K *(40B)*	*3701lm*	*3088lm*	-					Wireless***	*(WL)*	Emergency *(X1)*
		5700K *(57B)*	*3595lm*	-	-							

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: PANDORA 25-30B-AD-90-34-WH-ND-00





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HEKTOR

Ceiling Trimless

- HEKTOR is a trimless adjustable plaster luminaire.
- 3 SDCM
- L90/B10 50.000h

LIGHTSOURCE BY bridgelux

Model	Power	CCT*	LED Source CRI80	CRI90	CRI97	Type	CRI	Beam Angle	Colour	Dimming Option		Accessories	
HEKTOR *(HEKTOR)*	**17.5W** *(18)*	2700K *(27B)*	*2482lm*	*2048lm*	*1815lm*	Adjustable *(AD)*	80 *(80)*	34° *(34)*	White *(WH)*	Without Driver	*(00)*	***COVER*** Standard	*(0X)*
		3000K *(30B)*	*2637lm*	*2140lm*	*1939lm*		90 *(90)*			Non Dimmable	*(ND)*		↓
		4000K *(40B)*	*2714lm*	*2265lm*	-		97 *(97)*			Analogue (1-10V)	*(A1)*		*(XX)*
		5700K *(57B)*	*2637lm*	-	-					DMX	*(DX)*		
										DALI	*(DL)*	***EXTRAS***	↑
	25.3W *(25)*	2700K *(27B)*	*3384lm*	*2792lm*	*2475lm*					Push Button	*(PB)*	No Extras	*(X0)*
		3000K *(30B)*	*3595lm*	*2919lm*	*2644lm*					Phase Cut	*(PC)*	Emergency	*(X1)*
		4000K *(40B)*	*3701lm*	*3088lm*	-					Wireless***	*(WL)*		
		5700K *(57B)*	*3595lm*	-	-								

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *HEKTOR 25-30B-AD-90-34-WH-ND-00*

ELECTRON

Ceiling Trimless

GALINO

- GALINO is a trimless adjustable plaster luminaire.
- 3 SDCM
- L90/B10 50.000h

LIGHTSOURCE BY bridgelux

Model	Power	CCT*	LED Source CRI80	CRI90	CRI97	Type	CRI	Beam Angle	Colour	Dimming Option		Accessories	
GALINO *(GALINO)*	**35W** *(35)*	2700K *(27B)*	*4964lm*	*4096lm*	*3630lm*	Adjustable *(AD)*	80 *(80)*	34° *(34)*	White *(WH)*	Without Driver	*(00)*	***COVER*** Standard	*(0X)*
		3000K *(30B)*	*5274lm*	*4280lm*	*3878lm*		90 *(90)*			Non Dimmable	*(ND)*		↓
		4000K *(40B)*	*5428lm*	*4530lm*	-		97 *(97)*			Analogue (1-10V)	*(A1)*		*(XX)*
		5700K *(57B)*	*5274lm*	-	-					DMX	*(DX)*		
										DALI	*(DL)*	***EXTRAS***	↑
	50.6W *(51)*	2700K *(27B)*	*6768lm*	*5584lm*	*4950lm*					Push Button	*(PB)*	No Extras	*(X0)*
		3000K *(30B)*	*7190lm*	*5838lm*	*5288lm*					Phase Cut	*(PC)*	Emergency	*(X1)*
		4000K *(40B)*	*7402lm*	*6176lm*	-					Wireless***	*(WL)*		
		5700K *(57B)*	*7190lm*	-	-								

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *GALINO 51-30B-AD-90-34-WH-ND-00*

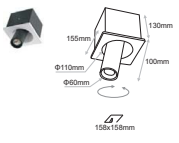
ELECTRON

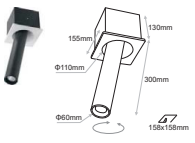
AMOS / AMOS XL

Ceiling Trimless

- AMOS & AMOS XL decorative trimless luminaires.
- 3 SDCM
- L90/B10 50.000h

Code	Model	Watt	Voltage	Beam Angle	Lamp	Weight		IP Rate
PCR.025	AMOS	9W	230VAC	30°	Included	1,72Kg	158x158mm	IP20
PCR.026	AMOS XL	9W	230VAC	30°	Included	1,83Kg	158x158mm	IP20

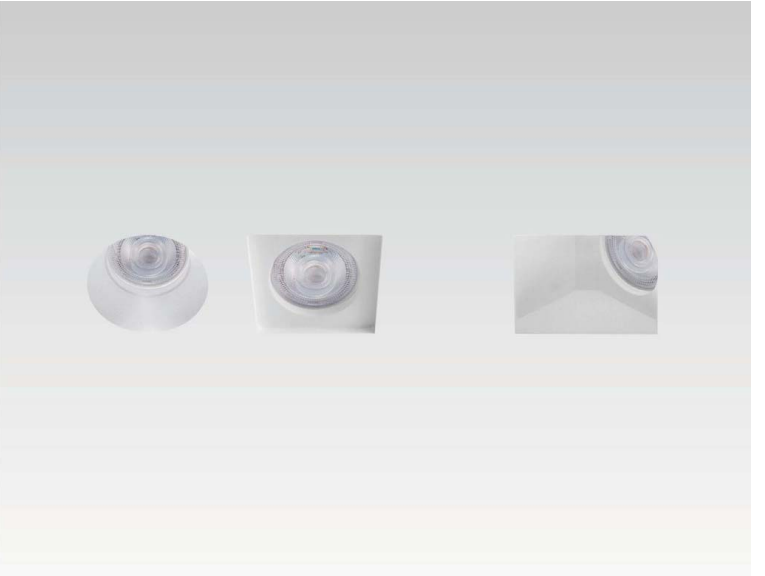




Ceiling Trimless

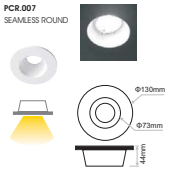
SEAMLESS

RD / SQ SHORT / SQ WASH 45°

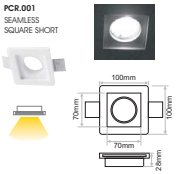


Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.007	SEAMLESS ROUND	Gx5.3	35W	12VAC	Not included	0.34Kg	Φ 132mm	IP20
PCR.001	SEAMLESS SQUARE SHORT	Gx5.3	35W	12VAC	Not included	0.20Kg	102x102mm	IP20
					*Suitable for plasterboard 12mm			
PCR.003	SEAMLESS SQUARE WASH 45°	Gx5.3	35W	12VAC	Not included	0.55Kg	122x122mm	IP20
					*Suitable for plasterboard 9mm-15mm			

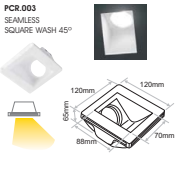
PCR.007
SEAMLESS ROUND



PCR.001
SEAMLESS
SQUARE SHORT



PCR.003
SEAMLESS
SQUARE WASH 45°

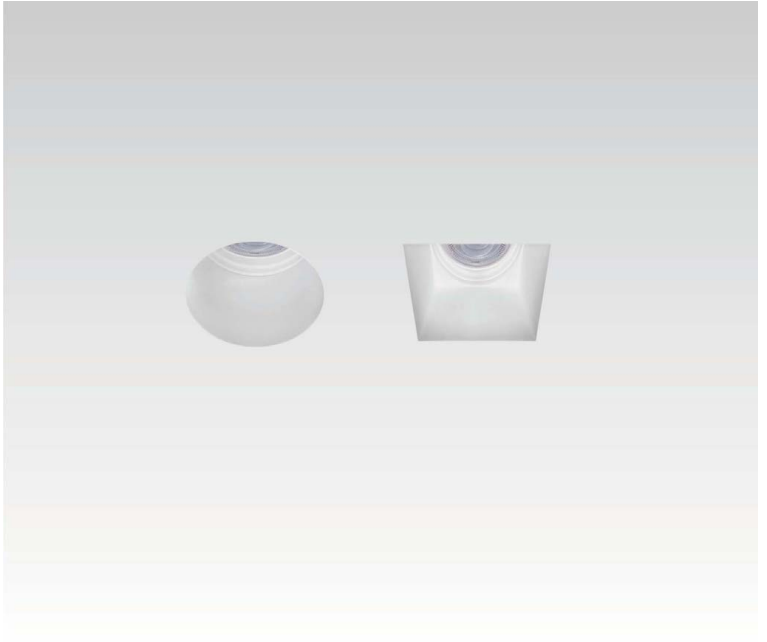


Plaster

Suitable for plasterboard
12mm (PCR.007-001)
9mm-15mm (PCR.003)

SHARP RD/SQ

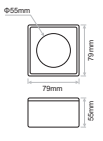
Ceiling Trimless



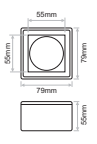
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.023	SHARP ROUND	Gx5.3	35W	12VAC	Not included	0.42Kg	80x80mm	IP20
PCR.022	SHARP SQUARE	Gx5.3	35W	12VAC	Not included	0.36Kg	80x80mm	IP20

*Suitable for plasterboard 9-15mm

PCR.023
SHARP ROUND



PCR.022
SHARP SQUARE



Plaster

Suitable for plasterboard 9mm-15mm

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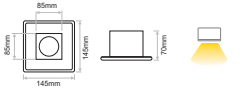
ELECTRON

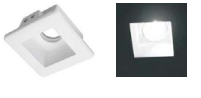
Ceiling Trimless

VERTICO

Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.027	VERTICO	Gx5.3	35W	12VAC	Not included	1.05Kg	146x146mm	IP20

*Suitable for plasterboard 9-15mm





Plaster

Suitable for plasterboard 9mm-15mm

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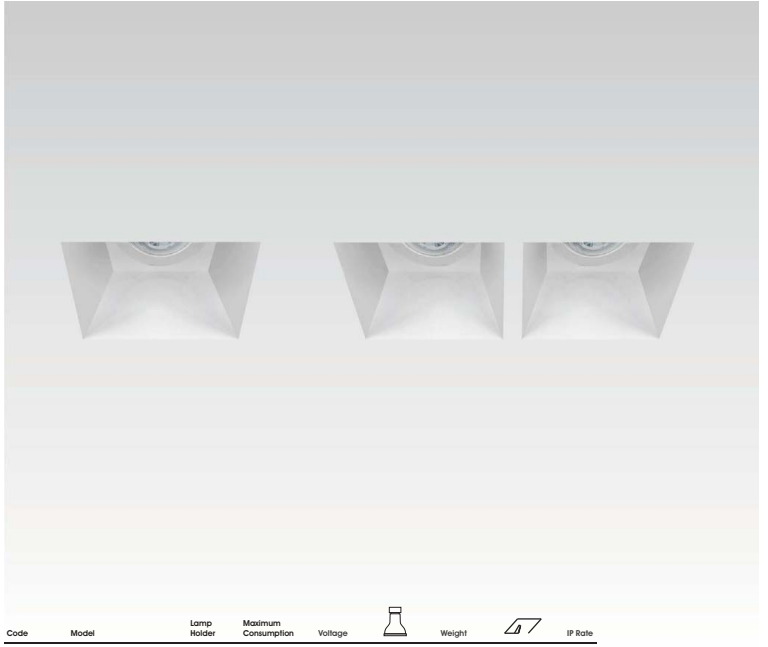
SEAMLESS SQ/SQx2

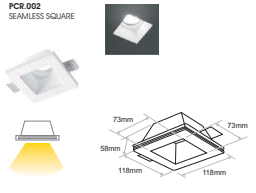
Ceiling Trimless



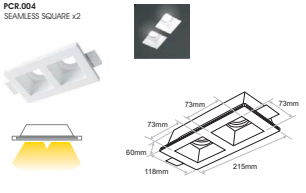
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.002	SEAMLESS SQUARE	Gx5.3	35W	12VAC	Not included	0.44Kg	120x120mm	IP20
PCR.004	SEAMLESS SQUARE x2	2xGx5.3	2x35W	12VAC	Not included	0.94Kg	120x217mm	IP20

*Suitable for plasterboard 12mm

PCR.002
SEAMLESS SQUARE



PCR.004
SEAMLESS SQUARE x2

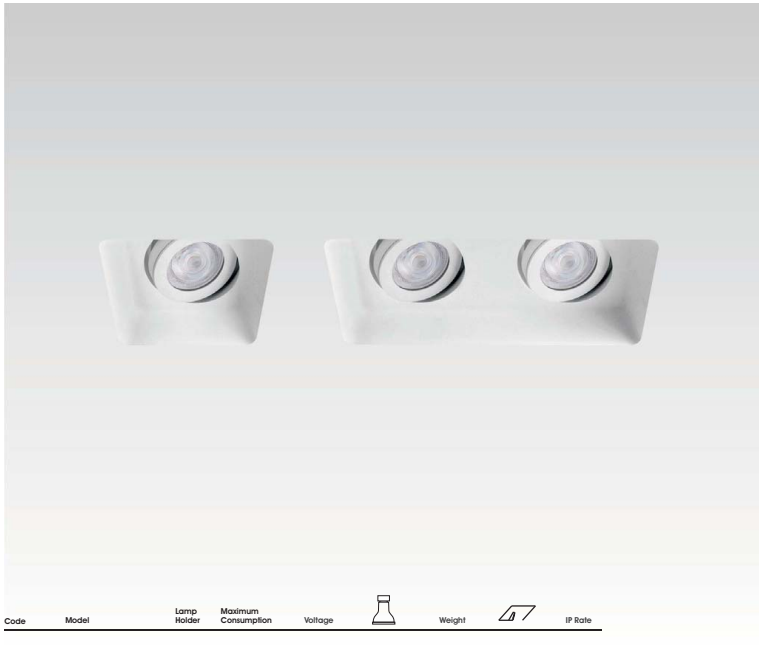


Plaster

Suitable for plasterboard 12mm

Ceiling Trimless

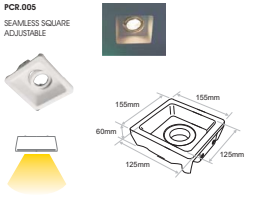
SEAMLESS SQ ADJ / ADJx2



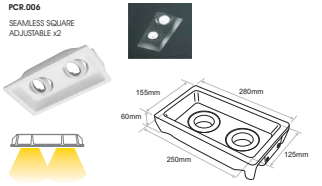
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.005	SEAMLESS SQUARE ADJUSTABLE	Gx5.3	35W	12VAC	Not included	0.84Kg	157x157mm	IP20
PCR.006	SEAMLESS SQUARE ADJUSTABLE x2	2xGx5.3	2x35W	12VAC	Not included	1.56Kg	157x282mm	IP20

*Suitable for plasterboard 9mm-15mm

PCR.005
SEAMLESS SQUARE ADJUSTABLE



PCR.006
SEAMLESS SQUARE ADJUSTABLE x2



Plaster

Suitable for plasterboard 9mm-15mm

ACC.206
Lamp Holder

SEAMLESS
RD ADJ / RD ADJx2 / CURVE ADJ

Ceiling Trimless

Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.008	SEAMLESS ROUND ADJUSTABLE	Gx5.3	35W	12VAC	Not included	0.72Kg	Φ 157mm	IP20
PCR.009	SEAMLESS ROUND ADJUSTABLE x2	2xGx5.3	2x35W	12VAC	Not included	1.54Kg	158x258mm	IP20
PCR.010	SEAMLESS CURVE ADJUSTABLE	Gx5.3	35W	12VAC	Not included	0,68Kg	Φ 157mm	IP20

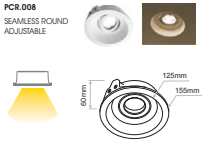
*Suitable for plasterboard 9mm-15mm

Plaster

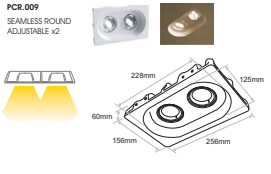
Suitable for plasterboard 9mm-15mm

ACC.206
Lamp Holder

PCR.008
SEAMLESS ROUND ADJUSTABLE



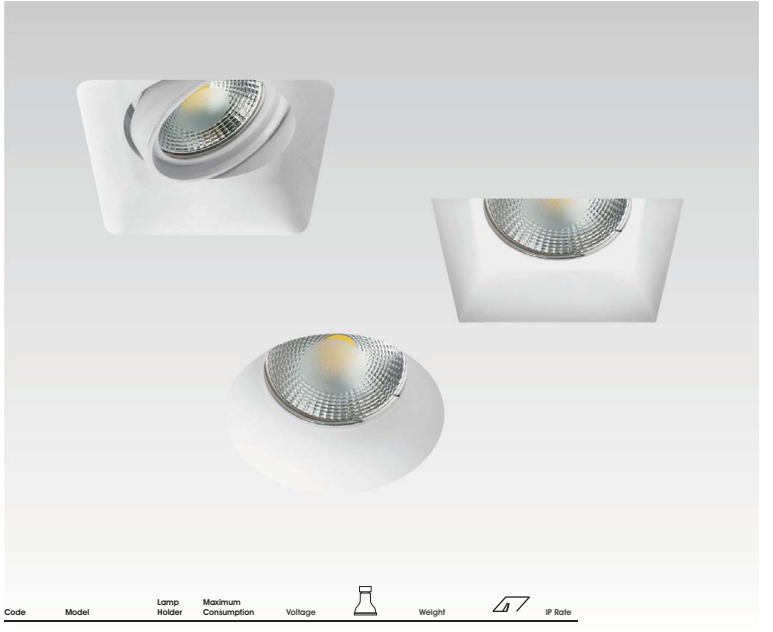
PCR.009
SEAMLESS ROUND ADJUSTABLE x2



PCR.010
SEAMLESS CURVE ADJUSTABLE

Ceiling Trimless

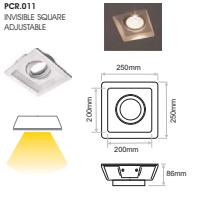
INVISIBLE SQ ADJ / SQ / RD



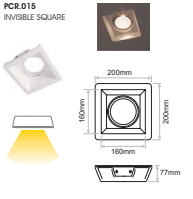
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.011	INVISIBLE SQUARE ADJUSTABLE	AR111	50W	12VAC	Not included	2.14Kg	252x252mm	IP20
PCR.015	INVISIBLE SQUARE	AR111	50W	12VAC	Not included	1.53Kg	202x202mm	IP20
PCR.016	INVISIBLE ROUND	AR111	50W	12VAC	Not included	0.97Kg	Φ 202mm	IP20

*Suitable for plasterboard 9mm-15mm

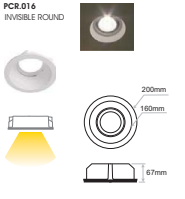
PCR.011
INVISIBLE SQUARE ADJUSTABLE



PCR.015
INVISIBLE SQUARE



PCR.016
INVISIBLE ROUND



Plaster

Suitable for plasterboard 9mm-15mm

INVISIBLE

RD ADJ / RD ADJx2 / CURVE ADJ

Ceiling Trimless

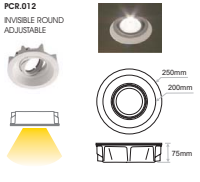
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.012	INVISIBLE ROUND ADJUSTABLE	AR111	50W	12VAC	Not included	2.06Kg	Φ 252mm	IP20
PCR.013	INVISIBLE ROUND ADJUSTABLE x2	2xAR111	2x50W	12VAC	Not included	3.74Kg	252x408mm	IP20
PCR.014	INVISIBLE CURVE ADJUSTABLE	AR111	50W	12VAC	Not included	1.22Kg	Φ 222mm	IP20

Plaster

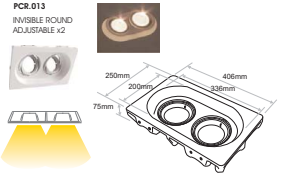
Suitable for plasterboard 9mm-15mm

*Suitable for plasterboard 9mm-15mm

PCR.012
INVISIBLE ROUND ADJUSTABLE



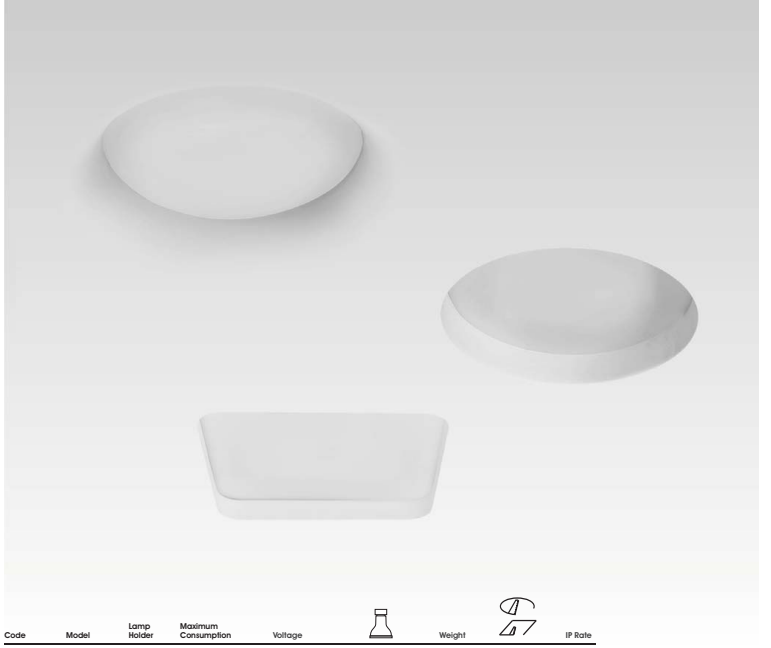
PCR.013
INVISIBLE ROUND ADJUSTABLE x2



PCR.014
INVISIBLE CURVE ADJUSTABLE

Ceiling Trimless

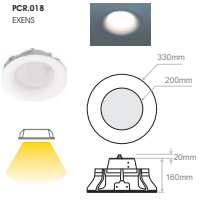
EXENS / SPACE-O / SPACE-Z



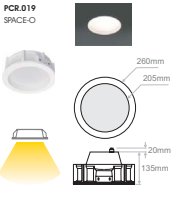
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.018	EXENS	2xE27	2x18W	220-240VAC	Not included	2.87Kg	Φ 332mm	IP20
PCR.019	SPACE-O	2xE27	2x18W	220-240VAC	Not included	4.82Kg	Φ 262mm	IP20
PCR.020	SPACE-Z	2xE27	2x18W	220-240VAC	Not included	2.5Kg	242x242mm	IP20

*Suitable for plasterboard 9mm-15mm

PCR.018
EXENS



PCR.019
SPACE-O



PCR.020
SPACE-Z

Plaster

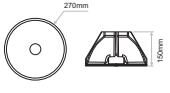
Suitable for plasterboard 9mm-15mm

ART R

Ceiling Trimless

Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.017	ART-R	E27	40W	220-240VAC	Not included	2.3Kg	Φ 273mm	IP20

*Suitable for plasterboard 9-15mm



Plaster

Suitable for plasterboard 9mm-15mm

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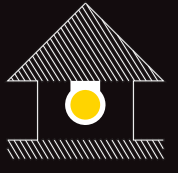
ELECTRON



CEILING SURFACE

ELECTRON

DISC SF
(Surface)

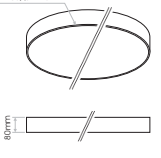
Ceiling Surface

- Disc is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination (DISC SF) or with Direct illumination combined with a decorative Indirect lighting effect (DISC SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<22*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

LED source efficacy up to 214lm/W (4000K)
Luminaire efficacy up to 143lm/W (4000K)

Available upon request:
√ *Custom luminaire colours*
√ *Emergency version*

Ø270, Ø400, Ø580, Ø850, Ø1130, Ø1420mm



*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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ELECTRON

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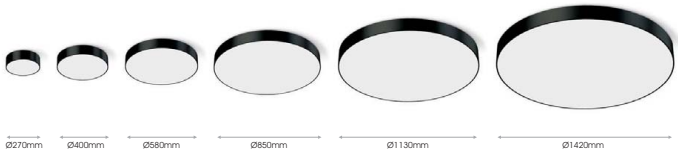
LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
DISC Surface High Power *(DISC SF HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER	≥ 80 *(80)* 3000K	≥ 80 *(80)* 4000K	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
			11.9W / 27cm *(12W027)*	*1910lm*	*2070lm*				
			26.2W / 40cm *(26W040)*	*3970lm*	*4170lm*				
			57.4W / 58cm *(58W058)*	*8670lm*	*9110lm*				
			123.8W / 85cm *(124W085)*	*17980lm*	*18900lm*				
			214.8W / 113cm *(215W113)*	*31060lm*	*32650lm*				
			336.6W / 142cm *(337W142)*	*49550lm*	*52200lm*				
DISC Surface High Efficiency *(DISC SF HE)*			HIGH EFFICIENCY	≥ 80 *(80)* 3000K	≥ 80 *(80)* 4000K	Opal *(OP)* Low UGR *(LU)* ***			
			4.5W / 27cm *(05W027)*	*810lm*	*880lm*				
			9.8W / 40cm *(10W040)*	*1680lm*	*1770lm*				
			21.2W / 58cm *(21W058)*	*3640lm*	*3830lm*				
			45.7W / 85cm *(46W085)*	*7430lm*	*7810lm*				
			79.4W / 113cm *(80W113)*	*12830lm*	*13490lm*				
			124.4W / 142cm *(124W142)*	*20590lm*	*21700lm*				

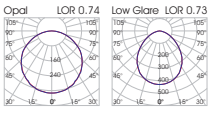
* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<22), Low UGR (UGR<19)

Ordering Code Example: DISC SF HP-BL-30-58W058-80-LG-230-ND-0

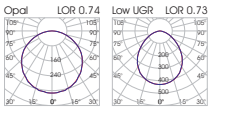


DISC Surface						
HIGH POWER	12W	26W	58W	124W	215W	337W
HIGH EFFICIENCY	5W	10W	21W	46W	80W	124W
Weight	1.18Kgs	2.59Kgs	4.48Kgs	9.40Kgs	15.30Kgs	23.70Kgs

HIGH POWER



HIGH EFFICIENCY



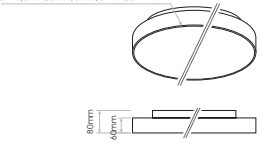
DISC SF DECO

Ceiling Surface

- Disc is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination combined with a decorative Indirect lighting effect (DISC SF DECO) or with only Direct illumination (DISC SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<22*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

LED source efficacy up to 214lm/W (4000K)
Luminaire efficacy up to 143lm/W (4000K)

Available upon request:
√ *Custom luminaire colours*
√ *Emergency version*



*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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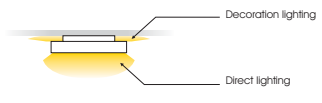
LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
DISC SF DECO High Power *(DISC SF DECO HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	≥ 80 *(80)* **3000K**	≥ 80 *(80)* **4000K**	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction***
	Black *(BL)*	4000K *(40)*	11.9W / 27cm *(12W027)*	*1910lm*	*2070lm*	Low Glare *(LG)* ***		Analogue *(A1)* (1-10V)	Standard *(0)*
	Grey *(GR)*		26.2W / 40cm *(26W040)*	*3970lm*	*4170lm*			DALI *(DL)*	Emergency *(1)*
			57.4W / 58cm *(58W058)*	*8670lm*	*9110lm*			Wireless *(WL)*	
			123.8W / 85cm *(124W085)*	*17980lm*	*18900lm*				
			214.8W / 113cm *(215W113)*	*31060lm*	*32650lm*				
			336.6W / 142cm *(337W142)*	*49550lm*	*52200lm*				
DISC SF DECO High Efficiency *(DISC SF DECO HE)*			HIGH EFFICIENCY	≥ 80 *(80)* **3000K**	≥ 80 *(80)* **4000K**	Opal *(OP)*			
			4.5W / 27cm *(05W027)*	*810lm*	*880lm*	Low UGR *(LU)* ***			
			9.8W / 40cm *(10W040)*	*1680lm*	*1770lm*				
			21.2W / 58cm *(21W058)*	*3640lm*	*3830lm*				
			45.7W / 85cm *(46W085)*	*7430lm*	*7810lm*				
			79.4W / 113cm *(80W113)*	*12830lm*	*13490lm*				
			124.4W / 142cm *(124W142)*	*20590lm*	*21700lm*				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<22), Low UGR (UGR<19)

Ordering Code Example: *DISC SF DECO HP-BL-30-58W058-80-LG-230-ND-0*



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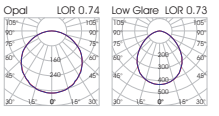
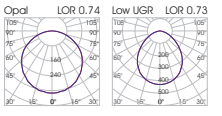
DISC SF DECO	Ø270mm	Ø400mm	Ø580mm	Ø850mm	Ø1130mm	Ø1420mm
HIGH POWER	12W	26W	58W	124W	215W	337W
HIGH EFFICIENCY	5W	10W	21W	46W	80W	124W
Weight	1.18Kgs	2.59Kgs	4.48Kgs	9.40Kgs	15.30Kgs	23.70Kgs

HIGH POWER



HIGH EFFICIENCY



ECLIPSE SF
(Surface)

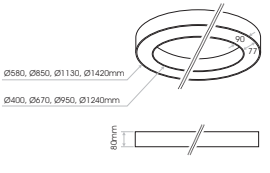
Ceiling Surface

- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination (ECLIPSE SF) or with Direct illumination combined with a decorative Indirect lighting effect (ECLIPSE SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

LED source efficacy up to 195lm/W (4000K)
Luminaire efficacy up to 119lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*



*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE Surface High Power *(ECLIPSE SF HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	≥ 80 *(80)* **3000K**	≥ 80 *(80)* **4000K**	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction*** Standard *(0)* Emergency *(1)*
	Black *(BL)*	4000K *(40)*	46.2W / 58cm *(46W058)*	*6910lm*	*7310lm*	Low Glare *(LG)* ***		Analogue (1-10V) *(A1)*	
	Grey *(GR)*		75W / 85cm *(75W085)*	*11070lm*	*11740lm*			DALI *(DL)*	
			104.5W / 113cm *(105W113)*	*15490lm*	*16390lm*			Wireless *(WL)*	
			134.1W / 142cm *(134W142)*	*19960lm*	*21100lm*				
ECLIPSE Surface High Efficiency *(ECLIPSE SF HE)*			HIGH EFFICIENCY	≥ 80 *(80)* **3000K**	≥ 80 *(80)* **4000K**	Opal *(OP)*			
			17.6W / 58cm *(18W058)*	*2940lm*	*3110lm*	Low UGR *(LU)* ***			
			26.7W / 85cm *(27W085)*	*4450lm*	*4720lm*				
			37.2W / 113cm *(37W113)*	*6230lm*	*6590lm*				
			47.8W / 142cm *(48W142)*	*8020lm*	*8480lm*				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20.8), Low UGR (UGR<18)

Ordering Code Example: ECLIPSE SF HP-BL-30-105W113-80-LG-230-ND-0

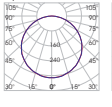
	Ø580mm	Ø850mm	Ø1130mm	Ø1420mm
ECLIPSE Surface				
HIGH POWER	46W	75W	105W	134W
HIGH EFFICIENCY	18W	27W	37W	48W
Weight	3.63Kgs	5.48Kgs	7.42Kgs	10Kgs

Optional accessories

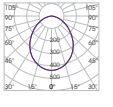
PRH.111 Metal drilling Template for ECLIPSE SF Ø58cm
PRH.112 Metal drilling Template for ECLIPSE SF Ø85cm
PRH.113 Metal drilling Template for ECLIPSE SF Ø113cm
PRH.114 Metal drilling Template for ECLIPSE SF Ø142cm

HIGH POWER

Opal LOR 0.6

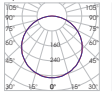


Low Glare LOR 0.66

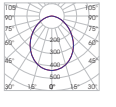


HIGH EFFICIENCY

Opal LOR 0.6



Low UGR LOR 0.67



ECLIPSE SF DECO

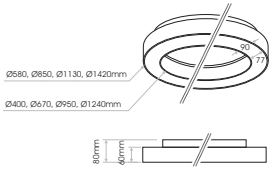
Ceiling Surface

- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination combined with a decorative Indirect lighting effect (ECLIPSE SF DECO) or with only Direct illumination (ECLIPSE SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

LED source efficacy up to 195lm/W (4000K)
Luminaire efficacy up to 119lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*



*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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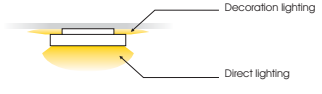
LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE SF DECO High Power *(ECLIPSE SF DECO HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER 46.2W / 58cm *(46W058)* 75W / 85cm *(75W085)* 104.5W / 113cm *(105W113)* 134.1W / 142cm *(134W142)*	≥ 80 *(80)* **3000K** *6910lm* *11070lm* *15490lm* *19960lm*	≥ 80 *(80)* **4000K** *7310lm* *11740lm* *16390lm* *21100lm*	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
ECLIPSE SF DECO High Efficiency *(ECLIPSE SF DECO HE)*			HIGH EFFICIENCY 17.6W / 58cm *(18W058)* 26.7W / 85cm *(27W085)* 37.2W / 113cm *(37W113)* 47.8W / 142cm *(48W142)*	≥ 80 *(80)* **3000K** *2940lm* *4450lm* *6230lm* *8020lm*	≥ 80 *(80)* **4000K** *3110lm* *4720lm* *6590lm* *8480lm*	Opal *(OP)* Low UGR *(LU)* ***			

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20.8), Low UGR (UGR<18)

Ordering Code Example: *ECLIPSE SF DECO HP-BL-30-105W113-80-LG-230-ND-0*



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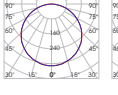
	Ø580mm	Ø850mm	Ø1130mm	Ø1420mm
ECLIPSE SF DECO				
HIGH POWER	46W	75W	105W	134W
HIGH EFFICIENCY	18W	27W	37W	48W
Weight	3.63Kgs	5.48Kgs	7.42Kgs	10Kgs

Optional accessories

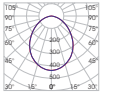
PRH.111 Metal drilling Template for ECLIPSE SF DECO Ø58cm
PRH.112 Metal drilling Template for ECLIPSE SF DECO Ø85cm
PRH.113 Metal drilling Template for ECLIPSE SF DECO Ø113cm
PRH.114 Metal drilling Template for ECLIPSE SF DECO Ø142cm

HIGH POWER

Opal LOR 0.6

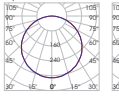


Low Glare LOR 0.66

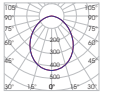


HIGH EFFICIENCY

Opal LOR 0.6



Low UGR LOR 0.67



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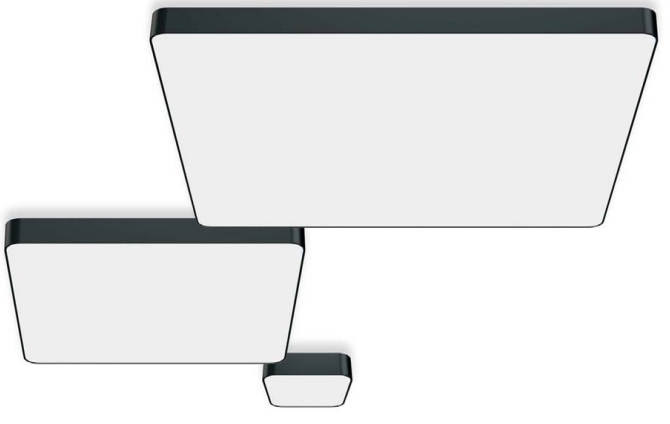
LOOP SF
(Surface)

Ceiling Surface

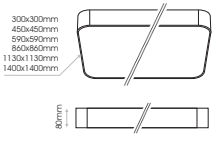
- LOOP is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination (LOOP SF) or with Direct illumination combined with a decorative Indirect lighting effect (LOOP SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<21.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18.6*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 132lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*



*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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LIGHTSOURCE BY SAMSUNG

IP40

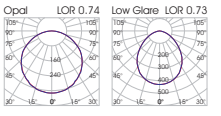
Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
LOOP Surface High Power *(LOOP SF HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	⩾80 *(80)* 3000K	⩾80 *(80)* 4000K	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction***
	Black *(BL)*	4000K *(40)*	17.6W / 30x30cm *(18W3030)*	*2660lm*	*2780lm*	Low Glare *(LG)****		Analogue (1-10V) *(A1)*	Standard *(0)*
	Grey *(GR)*		39.5W / 45x45cm *(40W4545)*	*5860lm*	*6160lm*				Emergency *(1)*
			75W / 59x59cm *(75W5959)*	*10720lm*	*11270lm*			DALI *(DL)*	
			153.5W / 86x86cm *(154W8686)*	*22150lm*	*23290lm*			Wireless *(WL)*	
			272.8W / 113x113cm *(273W113113)*	*39380lm*	*41400lm*				
			426.3W / 140x140cm *(426W140140)*	*61540lm*	*64700lm*				
LOOP Surface High Efficiency *(LOOP SF HE)*			HIGH EFFICIENCY	⩾80 *(80)* 3000K	⩾80 *(80)* 4000K	Opal *(OP)*			
			6.6W / 30x30cm *(07W3030)*	*1130lm*	*1180lm*	Low UGR *(LU)****			
			13.4W / 45x45cm *(13W4545)*	*2250lm*	*2370lm*				
			25.9W / 59x59cm *(26W5959)*	*4200lm*	*4410lm*				
			58.3W / 86x86cm *(58W8686)*	*9450lm*	*9930lm*				
			103.7W / 113x113cm *(104W113113)*	*16790lm*	*17650lm*				
			162W / 140x140cm *(162W140140)*	*26230lm*	*27580lm*				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<21,8), Low UGR (UGR<18,6)

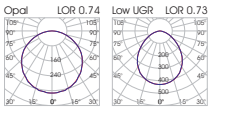
Ordering Code Example: LOOP SF HP-BL-30-154W8686-80-LG-230-ND-0

	300x300mm	450x450mm	590x590mm	860x860mm	1130x1130mm	1400x1400mm
LOOP Surface						
HIGH POWER	18W	40W	75W	154W	273W	426W
HIGH EFFICIENCY	7W	13W	26W	58W	104W	162W
Weight	1.55Kgs	3.46Kgs	6.24Kgs	11.70Kgs	18.80Kgs	28Kgs

HIGH POWER



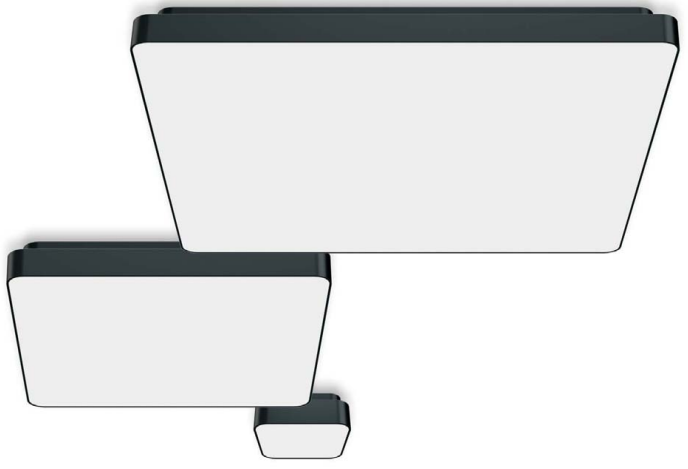
HIGH EFFICIENCY



LOOP SF DECO

Ceiling Surface

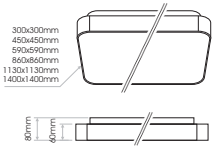
- LOOP is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination combined with a decorative Indirect lighting effect (LOOP SF DECO) or with only Direct illumination (LOOP SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<21.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18.6*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



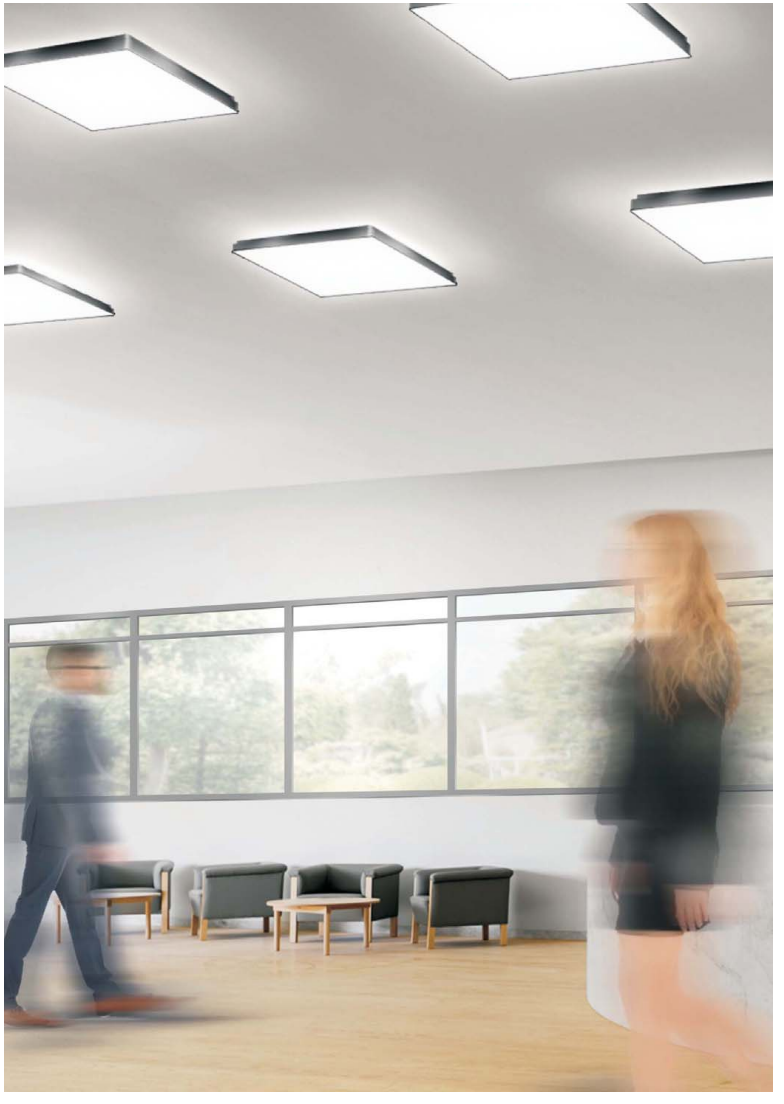
LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 132lm/W (4000K)

Available upon request:

√ *Custom luminaire colours*
√ *Emergency version*



*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



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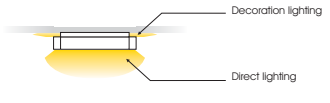
LIGHTSOURCE BY SAMSUNG

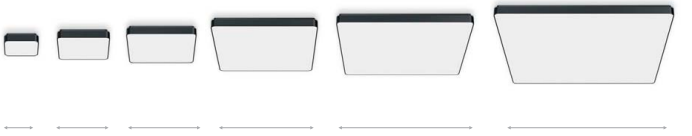
IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
LOOP SF DECO High Power *(LOOP SF DECO HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER	≥80 *(80)* **3000K**	≥80 *(80)* **4000K**	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
			17.6W / 30x30cm *(18W3030)*	*2660lm*	*2780lm*				
			39.5W / 45x45cm *(40W4545)*	*5860lm*	*6160lm*				
			75W / 59x59cm *(75W5959)*	*10720lm*	*11270lm*				
			153.5W / 86x86cm *(154W8686)*	*22150lm*	*23290lm*				
			272.8W / 113x113cm *(273W113113)*	*39380lm*	*41400lm*				
			426.3W / 140x140cm *(426W140140)*	*61540lm*	*64700lm*				
LOOP SF DECO High Efficiency *(LOOP SF DECO HE)*			HIGH EFFICIENCY	≥80 *(80)* **3000K**	≥80 *(80)* **4000K**	Opal *(OP)* Low UGR *(LU)* ***			
			6.6W / 30x30cm *(07W3030)*	*1130lm*	*1180lm*				
			13.4W / 45x45cm *(13W4545)*	*2250lm*	*2370lm*				
			25.9W / 59x59cm *(26W5959)*	*4200lm*	*4410lm*				
			58.3W / 86x86cm *(58W8686)*	*9450lm*	*9930lm*				
			103.7W / 113x113cm *(104W113113)*	*16790lm*	*17650lm*				
			162W / 140x140cm *(162W140140)*	*26230lm*	*27580lm*				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<21.8), Low UGR (UGR<18.6)

Ordering Code Example: *LOOP SF DECO HP-BL-30-154W8686-80-LG-230-ND-0*

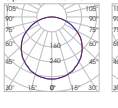




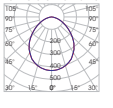
LOOP SF DECO						
HIGH POWER	18W	40W	75W	154W	273W	426W
HIGH EFFICIENCY	7W	13W	26W	58W	104W	162W
Weight	1.55Kgs	3.46Kgs	6.24Kgs	11.70Kgs	18.80Kgs	28Kgs

HIGH POWER

Opal LOR 0.74

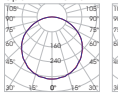


Low Glare LOR 0.73

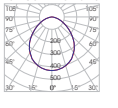


HIGH EFFICIENCY

Opal LOR 0.74



Low UGR LOR 0.73

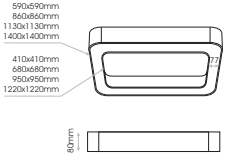


ORBIT SF
(Surface)

Ceiling Surface

- ORBIT is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination (ORBIT SF) or with Direct illumination combined with a decorative Indirect lighting effect (ORBIT SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 120lm/W (4000K)



Available upon request:
√ *Custom luminaire colours*
√ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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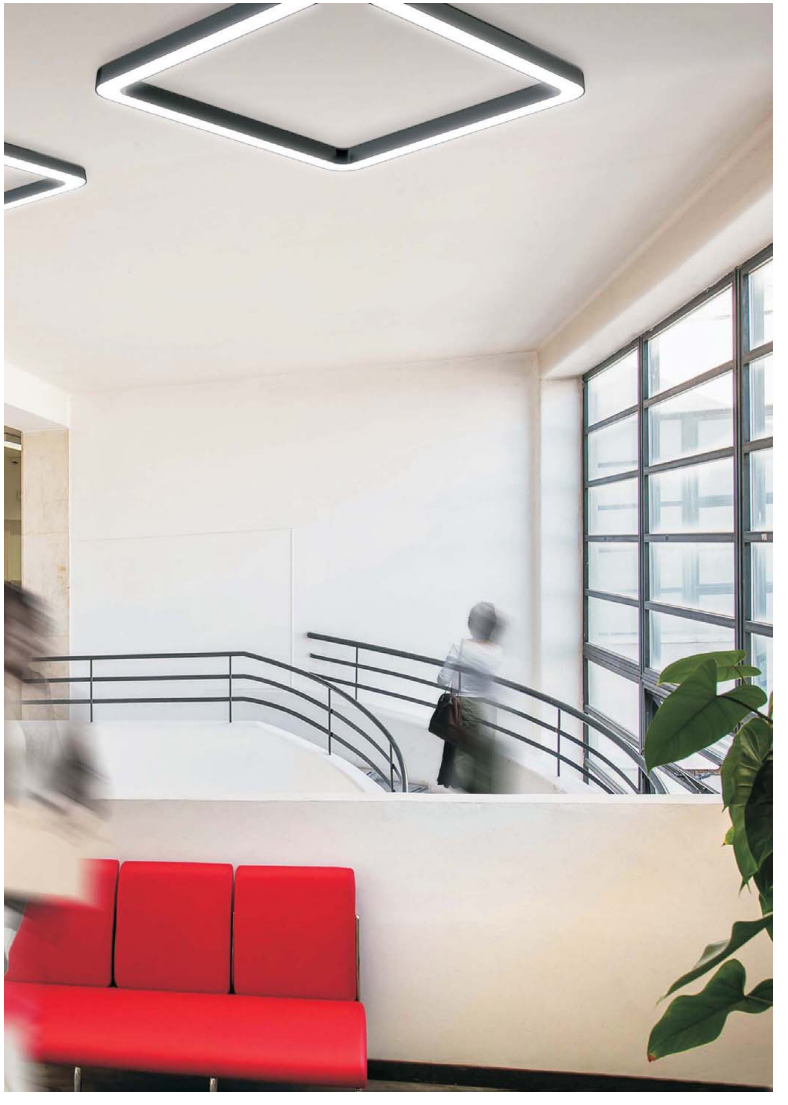

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LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Surface High Power *(ORBIT SF HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER	≥80 *(80)* 3000K	≥80 *(80)* 4000K	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
			61.6W / 59x59cm *(62W5959)*	*9210lm*	*9750lm*				
			93.6W / 86x86cm *(94W8686)*	*14050lm*	*14860lm*				
			128.7W / 113x113cm *(129W113113)*	*19320lm*	*20430lm*				
			163.9W / 140x140cm *(164W140140)*	*24590lm*	*26000lm*				
ORBIT Surface High Efficiency *(ORBIT SF HE)*			HIGH EFFICIENCY	≥80 *(80)* 3000K	≥80 *(80)* 4000K	Opal *(OP)* Low UGR *(LU)* ***			
			23.4W / 59x59cm *(23W5959)*	*3920lm*	*4150lm*				
			32.8W / 86x86cm *(33W8686)*	*5560lm*	*5880lm*				
			45.1W / 113x113cm *(45W113113)*	*7650lm*	*8090lm*				
			57.4W / 140x140cm *(57W140140)*	*9730lm*	*10290lm*				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20,8), Low UGR (UGR<18)

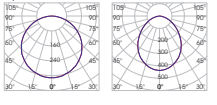
Ordering Code Example: *ORBIT SF HP-WH-30-94W8686-80-LG-230-ND-0*

	590x590mm	860x860mm	1130x1130mm	1400x1400mm
ORBIT Surface				
HIGH POWER	62W	94W	129W	164W
HIGH EFFICIENCY	23W	33W	45W	57W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs

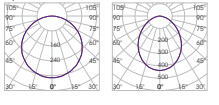
Optional accessories

PRH.115 Metal drilling Template for ORBIT SF 59x59cm
PRH.116 Metal drilling Template for ORBIT SF 86x86cm
PRH.117 Metal drilling Template for ORBIT SF 113x113cm
PRH.118 Metal drilling Template for ORBIT SF 140x140cm

HIGH POWER



HIGH EFFICIENCY

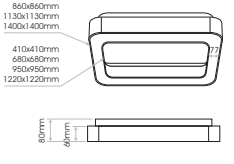


ORBIT SF DECO

Ceiling Surface

- ORBIT is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination combined with a decorative Indirect lighting effect (ORBIT SF DECO) or with only Direct illumination (ORBIT SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 120lm/W (4000K)



Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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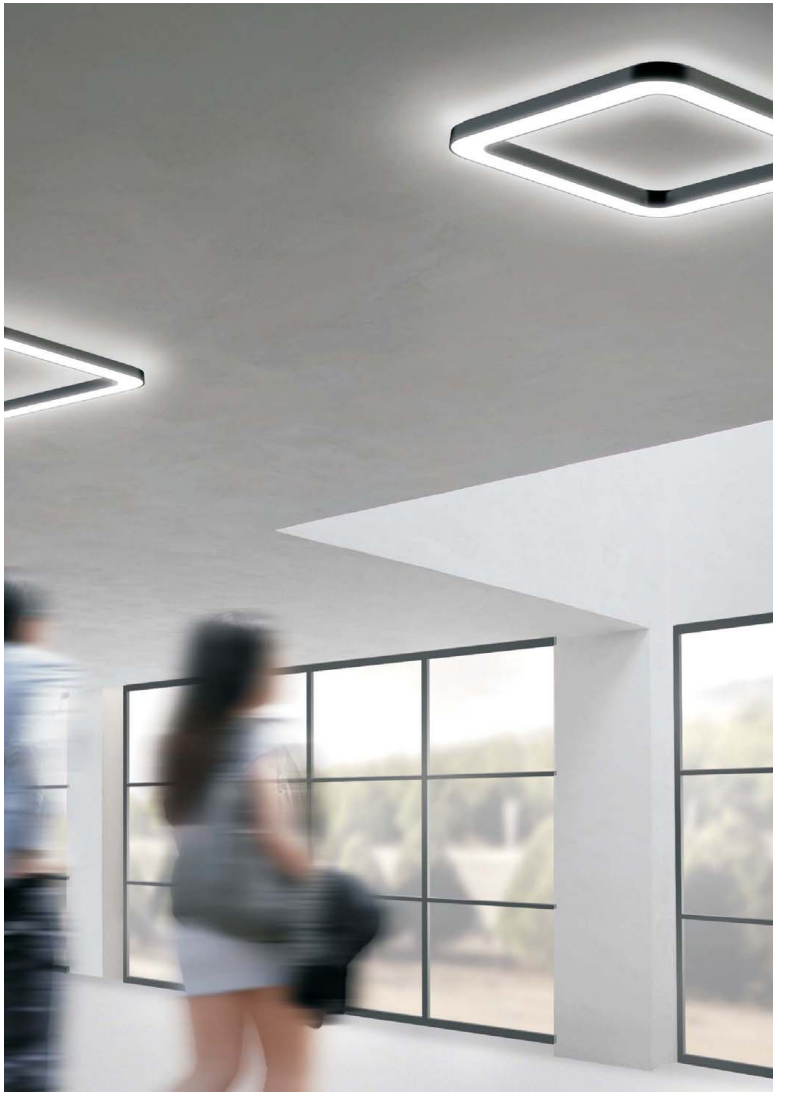

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LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT SF DECO High Power *(ORBIT SF DECO HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER	≥80 *(80)* **3000K**	≥80 *(80)* **4000K**	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
			61.6W / 59x59cm *(62W5959)*	*9210lm*	*9750lm*				
			93.6W / 86x86cm *(94W8686)*	*14050lm*	*14860lm*				
			128.7W / 113x113cm *(129W113113)*	*19320lm*	*20430lm*				
			163.9W / 140x140cm *(164W140140)*	*24590lm*	*26000lm*				
ORBIT SF DECO High Efficiency *(ORBIT SF DECO HE)*			HIGH EFFICIENCY	≥80 *(80)* **3000K**	≥80 *(80)* **4000K**	Opal *(OP)* Low UGR *(LU)* ***			
			23.4W / 59x59cm *(23W5959)*	*3920lm*	*4150lm*				
			32.8W / 86x86cm *(33W8686)*	*5560lm*	*5880lm*				
			45.1W / 113x113cm *(45W113113)*	*7650lm*	*8090lm*				
			57.4W / 140x140cm *(57W140140)*	*9730lm*	*10290lm*				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20,8), Low UGR (UGR<18)

Ordering Code Example: *ORBIT SF DECO HP-WH-30-94W8686-80-LG-230-ND-0*

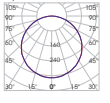
	590x590mm	860x860mm	1130x1130mm	1400x1400mm
ORBIT SF DECO				
HIGH POWER	62W	94W	129W	164W
HIGH EFFICIENCY	23W	33W	45W	57W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs

Optional accessories

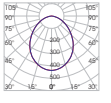
PRH.115 Metal drilling Template for ORBIT SF DECO 59x59cm
PRH.116 Metal drilling Template for ORBIT SF DECO 86x86cm
PRH.117 Metal drilling Template for ORBIT SF DECO 113x113cm
PRH.118 Metal drilling Template for ORBIT SF DECO 140x140cm

HIGH POWER

Opal LOR 0.6

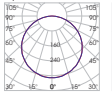


Low Glare LOR 0.66

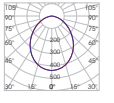


HIGH EFFICIENCY

Opal LOR 0.6



Low UGR LOR 0.67



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REFORM 30 Surface Spot

Ceiling Surface

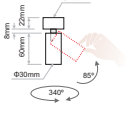
- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6.3watt.
- Beam angle varies from 28 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- External driver only.
- Emergency kit only for external use.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).

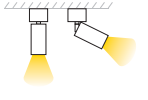
CREE LEDs

Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	CRI90 LED Source 90 (90)	Beam Angle	Type	Luminaire Colour (XXX)	Dimming Option	Accessories (XX)
REFORM 30 Surface Spot *(REFORM 30 SFSP)*	**3W** (3)	2700K (27C)	310lm	250lm	12° (12)	Adjustable (AD)	***Base*** White (W) Black (B)	Without Driver (00)	Standard (0) Honeycomb (1)
		3000K (30C)	310lm	265lm			***Spot*** White (W) Black (B)		***Extras*** No Extras (0) Emergency** (1)
		4000K (40C)	330lm	290lm			***Inner Ring*** White (W) Black (B)		
		5000K (50C)	360lm	310lm					
	5.8W (6)	2700K (27C)	615lm	500lm					
		3000K (30C)	615lm	530lm					
		4000K (40C)	665lm	575lm					
		5000K (50C)	715lm	615lm					
	3W (3)	2700K (27C)	396lm	320lm	28° (28)				
		3000K (30C)	396lm	342lm	36° (36)				
		4000K (40C)	428lm	369lm	50° (50)				
		5000K (50C)	428lm	396lm					
	6.3W (6)	2700K (27C)	669lm	540lm					
		3000K (30C)	669lm	577lm					
		4000K (40C)	722lm	623lm					
		5000K (50C)	722lm	669lm					

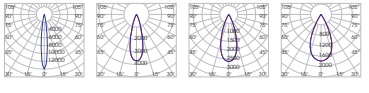
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** External.

Ordering Code Example: REFORM 30 SFSP3-40C-80-36-AD-WWB-00-00

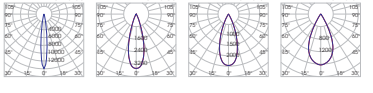




Inner ring colour:
BLACK

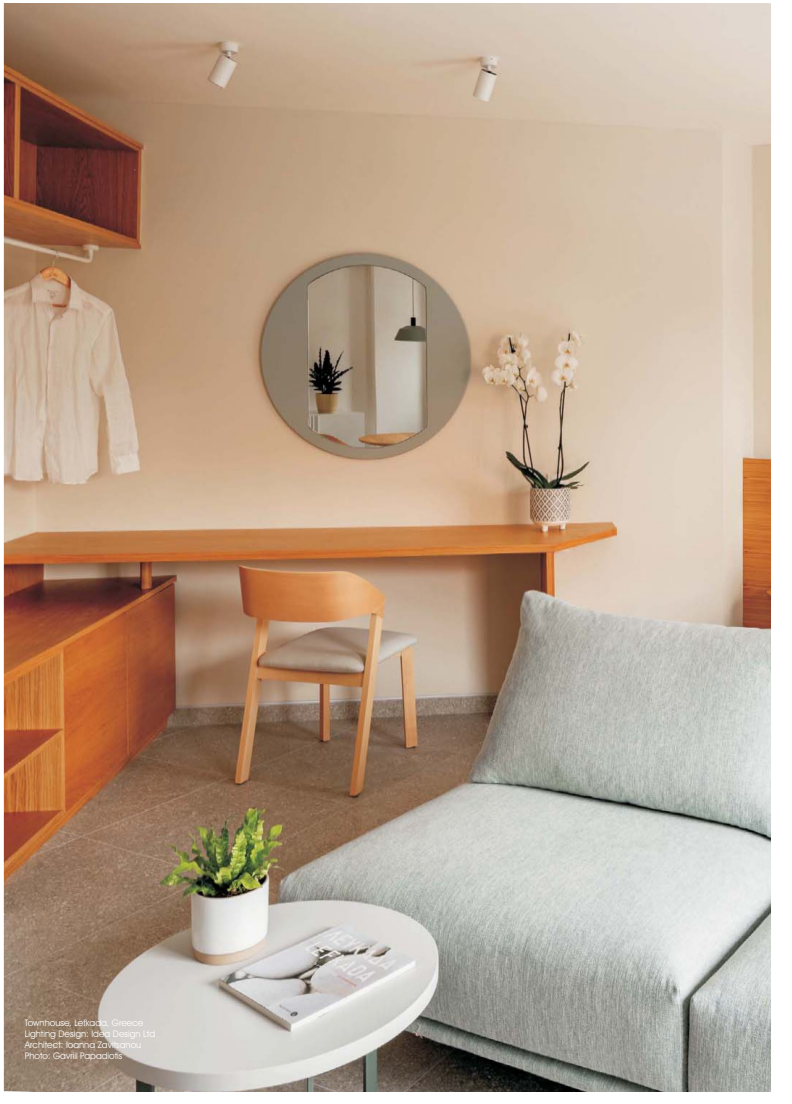


Inner ring colour:
WHITE



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

ELECTRON



Townhouse, Lefkada, Greece
Lighting Design: Idea Design Ltd
Architect: Ioanna Zavitsanou
Photo: Gavili Papadiotis

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

REFORM 52 Surface Spot

Ceiling Surface

- Reform 52 is a complete series of downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption : 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).

CREE LEDs

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle
		80 (80)	90 (90)	
REFORM 52 Surface Spot 8.2W (REFORM 52 SFSP8)	2700K (27C)	779lm	628lm	6° (06)
	3000K (30C)	779lm	673lm	
	4000K (40C)	841lm	726lm	
	5000K (50C)	903lm	779lm	
REFORM 52 Surface Spot 12W (REFORM 52 SFSP12)	2700K (27C)	1590lm	1380lm	21° (21)
	3000K (30C)	1710lm	1485lm	33° (33)
	4000K (40C)	1830lm	1590lm	44° (44)
	5000K (50C)	1710lm	1590lm	

Type: Adjustable (AD)

Luminaire Colour (XXX)
- Base: White (W), Black (B)
- Spot: White (W), Black (B)
- Inner Ring: White (W), Black (B)

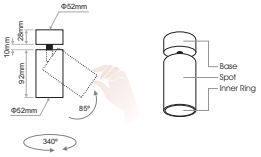
Dimming Option: Without Driver (00)

Accessories (XX)
- Standard (0X)
- Honeycomb (1X)
- Line spread lens (2X)
- Softening lens (3X)

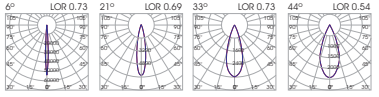
EXTRAS
- No Extras (X0)
- Emergency** (X1)

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** External.

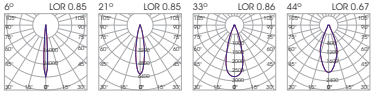
Ordering Code Example: REFORM 52 SFSP12-40C-80-33-AD-WWB-00-10



Inner ring colour: **BLACK**



Inner ring colour: **WHITE**



ELECTRON

Ceiling Surface

REFORM 75 Surface Spot

- Reform 75 is series of downlights available recessed or surface.
- It is available in round form.
- Power consumption : 23.5watt and 18watt.
- Beam angle varies from 17 to 50 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort (UGR<15 /black inner ring).

CREE LEDs

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle
		80 (80)	90 (90)	
REFORM 75 Surface Spot 18W (REFORM 75 SFSP18)	2700K (27C)	2067lm	1794lm	17° (17)
	3000K (30C)	2223lm	1931lm	27° (27)
	4000K (40C)	2379lm	2067lm	50° (50)
	5000K (50C)	2223lm	2067lm	
REFORM 75 Surface Spot 23.5W (REFORM 75 SFSP24)	2700K (27C)	2919lm	2409lm	
	3000K (30C)	3102lm	2512lm	
	4000K (40C)	3192lm	2663lm	
	5000K (50C)	3230lm	2791lm	

Type: Adjustable (AD)

Luminaire Colour (XXX)
- Base: White (W), Black (B)
- Spot: White (W), Black (B)
- Inner Ring: White (W), Black (B)

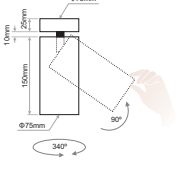
Dimming Option
- Without Driver (00)
- Non Dimmable (ND)

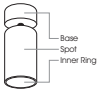
Accessories (XX)
- Standard (0X)
- Honeycomb (1X)
- Line spread lens (2X)
- Softening lens (3X)

EXTRAS
- No Extras (X0)
- Emergency** (X1)

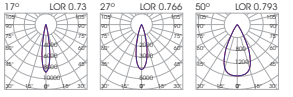
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** External.

Ordering Code Example: REFORM 75 SFSP18-40C-80-50-AD-WWB-00-10

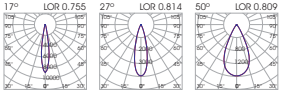




Inner ring colour: **BLACK**



Inner ring colour: **WHITE**



ELECTRON

LACERTA

Ceiling Surface

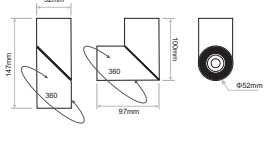
- LACERTA surface light has a slim and elegant design and is the perfect solution for highly demanding spaces.
- Phase Cut Dimmable / Leading Edge only.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort.

CREE LEDs

Model (LED Power)	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Colour	Dimming Option
		80 *(80)*	90 *(90)*				
LACERTA 10W *(LACERTA 10)*	2700K *(27C)*	920lm	650lm	22° *(22)*	Adjustable *(AD)*	White/Black *(WB)*	230VAC Phase Cut Dimmable *(230D)* (Leading Edge)
	3000K *(30C)*	920lm	696lm	33° *(33)*			
	4000K *(40C)*	991lm	802lm	43° *(43)*			
	5700K *(57C)*	991lm	-				

* Available in other CCT upon request

Ordering Code Example:
LACERTA 10- 40C-90-33-AD-WB-230D



ELECTRON

Ceiling Surface

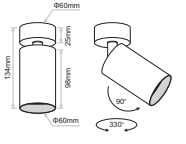
ADORNO Surface Spotlight Retrofit

- Adorno series surface spotlight with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: : honeycomb, linear spread lens, softening lens, spread lens.

Lamp Not included

Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
ADORNO Surface Spotlight Retrofit *(ADORNO SFSR)*	White-Black (WB)	Adjustable *(AD)*	GU10 (max 7.5W) *(G1)*	Standard *(0)*
	White-White (WW)			Honeycomb *(1)*
	White-Gold (WG)			Linear Spread *(2)*
	Black-Black (BB)			Softening Lens *(3)*
	Black-White (BW)			Spread Lens *(4)*
	Black-Gold (BG)			

Ordering Code Example:
ADORNO SFSR-WB-AD-G1-1



ADORNO SF Retrofit

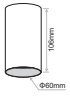
Ceiling Surface

- Adorno series surface light with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: : honeycomb, linear spread lens, softening lens, spread lens.

Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
ADORNO SF Retrofit *(ADORNO SFR)*	White-Black (WB) White-White (WW) White-Gold (WG) Black-Black (BB) Black-White (BW) Black-Gold (BG)	Fixed *(FX)*	GU10 (max 7.5W) *(G1)*	Standard *(0)* Honeycomb *(1)* Linear Spread *(2)* Softening Lens *(3)* Spread Lens *(4)*

Lamp
Not included

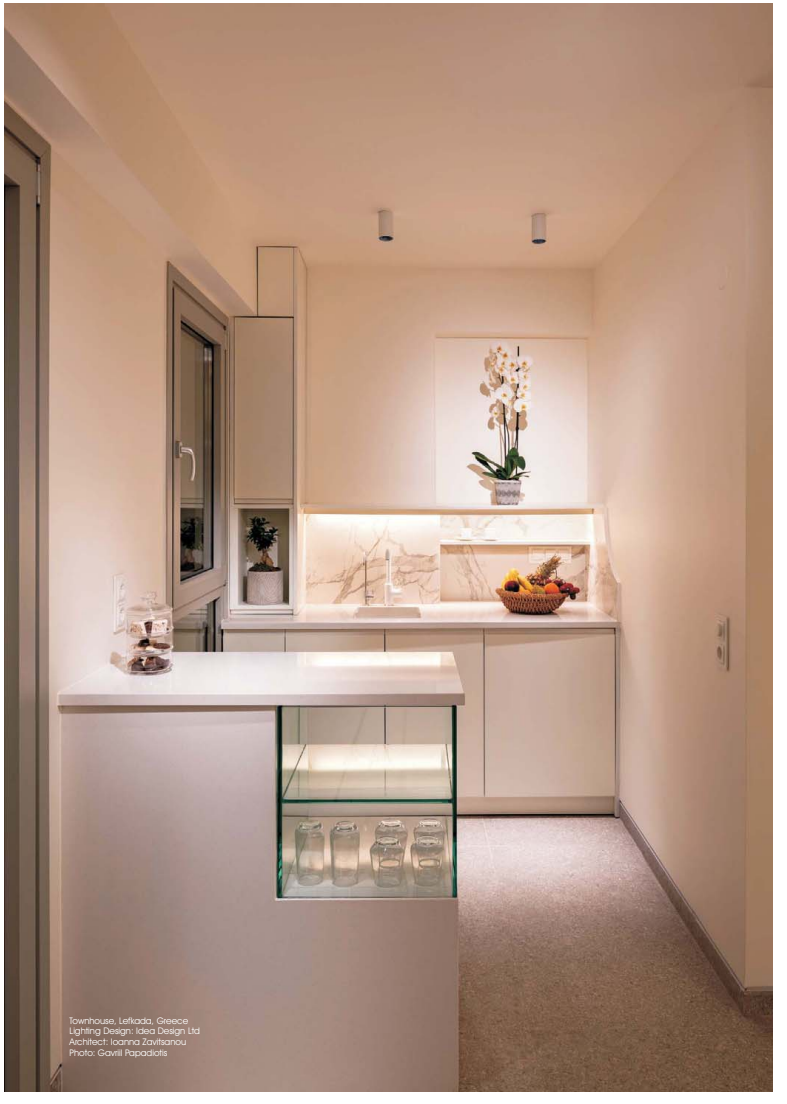
Ordering Code Example:
ADORNO SFR-WB-FX-G1-1



Honeycomb Linear Spread Softening Lens Spread Lens

White-Black White-White White-Gold

Black-Black Black-White Black-Gold


Townhouse, Lefkada, Greece
Lighting Design: Idea Design Ltd
Architect: Ioanna Zavitsanou
Photo: Gavrili Papadiotis

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

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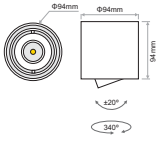
MORETTO

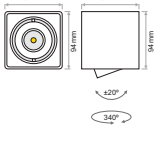
Ceiling Surface

- Moretto series of surface luminaires is available in single round or square and in double square form.
- It is available in white or black colour.
- It is supplied either with Bridgelux LED or with GU10 lamp holder (max 7.5W).
- 3SDCM
- L90/B10 50.000h

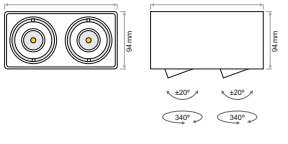
Round



Square



Square Double

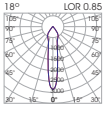


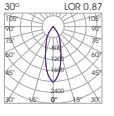
LIGHTSOURCE BY bridgelux

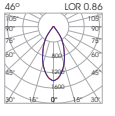
Model	Shape	LED Power per LED	CCT*	CRI80, CRI90 LED Source per LED		Beam Angle	Type	Colour	Dimming Option
				80 (80)	90 (90)				
MORETTO (MORETTO)	Round (R) Square (S) Square Double (SD)	**6.1W** (06)	2700K (278) 3000K (308) 4000K (408)	785lm 817lm 850lm	654lm 681lm 730lm	18° (18) 30° (30) 46° (46)	Adjustable (AD)	White (WH) Black (BL)	230VAC (230ND) Non-Dimmable 230VAC (230D) Phase Cut Dimmable
		8.9W (09)	2700K (278) 3000K (308) 4000K (408)	1089lm 1135lm 1180lm	908lm 946lm 1014lm				

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *MORETTO R 09-408-90-46-AD-WH-230ND*







Model	Shape	Lamp Holder per Lamp	Type	Colour
MORETTO Retrofit (MORETTO RF)	Round (R) Square (S) Square Double (SD)	GU10 (max 7.5W) (G1)	Adjustable (AD)	White (WH) Black (BL)

Lamp Not included

Ordering Code Example: *MORETTO RR-G1-AD-BL*

TALUS

Ceiling Surface

- TALUS fixed downlight is available for surface and pendant installation.
- 3 SDCM
- L90/B10 50.000h

LIGHTSOURCE BY bridgelux

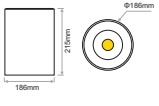
Model (LED Power*)	CCT**	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Colour	Dimming Option***	Accessories
TALUS Surface 23.9W (TALUS SF 24)	2700K (27B)	3621lm	2987lm	Fixed (FX)	20° (20)	White (WH)	Without Driver (00)	ANTI-GLARE SHIELD
	3000K (30B)	3847lm	3123lm		40° (40)	Black (BL)	Non Dimmable (ND)	White Matt (1X)
TALUS Pendant 23.9W (TALUS PD 24)	4000K (40B)	3960lm	3304lm		60° (60)		Analogue (1-10V) (A1)	Black Matt (2X)
	5700K (57B)	3847lm	-				DMX (DX)	Gold Matt (3X)
							DALI (DL)	(XX)
TALUS Surface 31.3W (TALUS SF 31)	2700K (27B)	4510lm	3721lm				Push Button (PB)	EXTRAS
	3000K (30B)	4792lm	3890lm				Phase Cut (Trailing Edge Dimmer) (PC)	No Extras (X0)
TALUS Pendant 31.3W (TALUS PD 31)	4000K (40B)	4933lm	4115lm					
	5700K (57B)	4792lm	-					

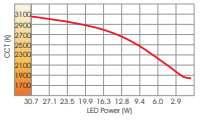
Warm Dimmable

		CRI95 95 (95)	LED Source 2840lm
TALUS WD Surface 30.7W (TALUS WD SF 31)	Warm Dimmable 1800K~3000K (WD)		
TALUS WD Pendant 30.7W (TALUS WD PD 31)			

* In 31W models the driver must be externally installed.
** Models with CCTs of 3500K, 5000K & 6500K are available upon request.
*** DMX drivers for Pendant (24W & 31W) and 31W Surface models must be externally installed.

Ordering Code Example: *TALUS SF31-30B-80-FX-60-BL-DL-20*





Ceiling Surface

LYRA

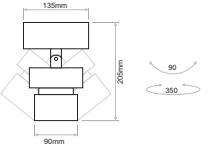
- LYRA is a surface projector available in 15 watt.
- 3 SDCM
- L90/B10 - 50.000h

LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
LYRA 14.7W (LYRA 15)	2700K (27B)	1230lm	Adjustable (AD)	70* (70)	16° (16)	White (WH)	230VAC Non-Dimmable (ND)
	3000K (30B)	1340lm		80 (80)	40° (40)	Black (BL)	
	3500K (35B)	1420lm					
	4000K (40B)	1500lm					
	5000K (50B)	1680lm					
	5600K (56B)	1680lm					

* 5000K & 5600K only available in CRI70.

Ordering Code Example: *LYRA 15-30B-AD-80-40-BL-ND*

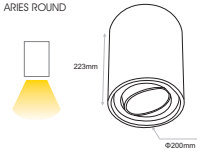


ARIES

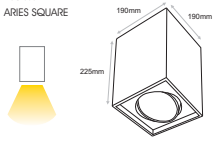
Ceiling Surface

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCS.004	ARIES ROUND	AR111	100W	12VAC	Not included	3.4Kg	IP20
PCS.005	ARIES SQUARE	AR111	100W	12VAC	Not included	4.5Kg	IP20

PCS.004
ARIES ROUND



PCS.005
ARIES SQUARE

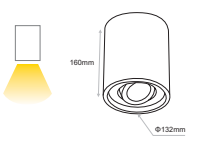


Ceiling Surface

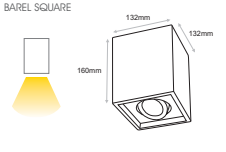
BAREL

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCS.001	BAREL ROUND	Gx5.3	35W	12VAC	Not included	1.2Kg	IP20
PCS.002	BAREL SQUARE	Gx5.3	35W	12VAC	Not included	1.6Kg	IP20

PCS.001
BAREL ROUND



PCS.002
BAREL SQUARE



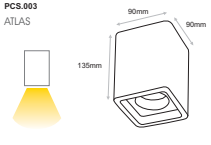
ATLAS

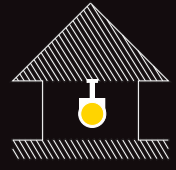
Ceiling Surface

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCS.003	ATLAS	GU10	35W	220-240VAC	Not included	1.98Kg	IP20

Plaster luminaires

PCS.003
ATLAS





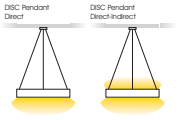
INTERIOR PENDANT

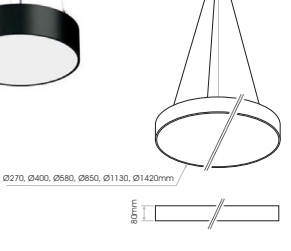
ELECTRON

DISC PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)

Interior Pendant

- Disc is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<22*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40





LED source efficacy up to 216lm/W (4000K)
Luminaire efficacy up to 148lm/W (4000K)

Available upon request:
✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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Pendant Direct

LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
DISC Pendant Direct High Power *(DISC PDD HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER	≥80 *(80)* **3000K**	≥80 *(80)* **4000K**	Opal *(OP)* Low Glare *(LG)***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)* Metal tube****1.2m *(X70)* (without wire ropes)
			11.9W / 27cm *(12W027)*	*1910lm*	*2070lm*				
			26.2W / 40cm *(26W040)*	*3970lm*	*4170lm*				
			57.4W / 58cm *(58W058)*	*8670lm*	*9110lm*				
			123.8W / 85cm *(124W085)*	*17980lm*	*18900lm*				
			214.8W / 113cm *(215W113)*	*31060lm*	*32650lm*				
			336.6W / 142cm *(337W142)*	*49550lm*	*52200lm*				
DISC Pendant Direct High Efficiency *(DISC PDD HE)*			HIGH EFFICIENCY	≥80 *(80)* **3000K**	≥80 *(80)* **4000K**	Opal *(OP)* Low UGR *(LU)***			
			4.5W / 27cm *(05W027)*	*810lm*	*880lm*				
			9.8W / 40cm *(10W040)*	*1680lm*	*1770lm*				
			21.2W / 58cm *(21W058)*	*3640lm*	*3830lm*				
			45.7W / 85cm *(46W085)*	*7430lm*	*7810lm*				
			79.4W / 113cm *(80W113)*	*12830lm*	*13490lm*				
			124.4W / 142cm *(124W142)*	*20590lm*	*21700lm*				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<22), Low UGR (UGR<19)
**** Metal tube is not available for 27cm.

Ordering Code Example: DISC PDD HP-BL-30-58W058-80-LG-230-ND-011

Pendant Direct-Indirect

LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT DIRECT-INDIRECT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
DISC Pendant Direct-Indirect High Power *(DISC PDDI HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(3030)* 3000K 4000K *(3040)* 4000K 4000K *(4040)* 4000K 3000K *(4030)*	HIGH POWER	≥80 *(80)* **3000K** DIRECT-INDIRECT	≥80 *(80)* **4000K** DIRECT-INDIRECT	Opal *(OP)* Low Glare *(LG)****	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)*
			17.9W / 27cm *(18W027)*	*1910lm* *1020lm*	*2070lm* *1050lm*				
			40.4W / 40cm *(40W040)*	*3970lm* *2260lm*	*4170lm* *2450lm*				
			87.8W / 58cm *(88W058)*	*8670lm* *4540lm*	*9110lm* *4730lm*				
			187.6W / 85cm *(188W085)*	*17980lm* *9500lm*	*18900lm* *9980lm*				
			324.8W / 113cm *(325W113)*	*31060lm* *16130lm*	*32650lm* *16950lm*				
			503.7W / 142cm *(504W142)*	*49550lm* *24600lm*	*52200lm* *25860m*				
DISC Pendant Direct-Indirect High Efficiency *(DISC PDDI HE)*			HIGH EFFICIENCY	≥80 *(80)* **3000K** DIRECT-INDIRECT	≥80 *(80)* **4000K** DIRECT-INDIRECT	Opal *(OP)* Low UGR *(LU)****			
			6.8W / 27cm *(07W027)*	*810lm* *450lm*	*880lm* *460lm*				
			14.8W / 40cm *(15W040)*	*1680lm* *900lm*	*1770lm* *980lm*				
			32W / 58cm *(32W058)*	*3640lm* *1830lm*	*3830lm* *1910lm*				
			70W / 85cm *(70W085)*	*7430lm* *4140lm*	*7810lm* *4350lm*				
			118.6W / 113cm *(119W113)*	*12830lm* *6450lm*	*13490lm* *6780lm*				
			184.3W / 142cm *(184W142)*	*20590lm* *9940lm*	*21700lm* *10450lm*				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<22), Low UGR (UGR<19)

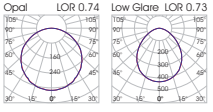
Ordering Code Example: DISC PDDI HE-BL-30-32W058-80-LU-230-ND-011

DISC PDD					
HIGH POWER	12W	26W	58W	124W	215W	337W
HIGH EFFICIENCY	5W	10W	21W	46W	80W	124W
DISC PDDI					
HIGH POWER	18W	40W	88W	188W	325W	504W
HIGH EFFICIENCY	7W	15W	32W	70W	119W	184W
Weight	1.18Kgs	2.59Kgs	4.48Kgs	9.40Kgs	15.30Kgs	23.70Kgs

Direct

HIGH POWER

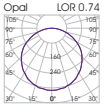
Opal LOR 0.74



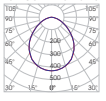
Low Glare LOR 0.73

HIGH EFFICIENCY

Opal LOR 0.74



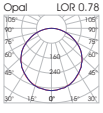
Low UGR LOR 0.73



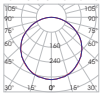
Indirect

HIGH POWER

Opal LOR 0.78

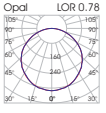


Low Glare LOR 0.78

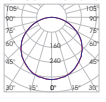


HIGH EFFICIENCY

Opal LOR 0.78



Low UGR LOR 0.78

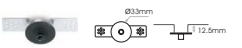


Canopies & Suspension

1.Cable SF (Surface)

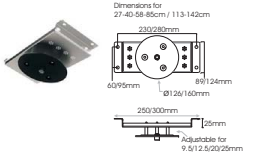
2.Cable RC (Recessed)

3.Cable TR (Trimless)

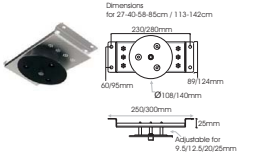


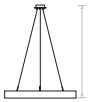
4.Hybrid SF (Surface)

5.Hybrid RC (Recessed)



6.Hybrid TR (Trimless)



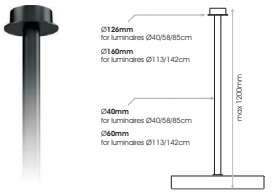


Minimum allowed ceiling-luminaire distances for Hybrid canopies

for 27cm - 35cm
for 40cm - 40cm
for 58cm - 60cm
for 85cm - 85cm
for 113cm - 110cm
for 142cm - 160cm

For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

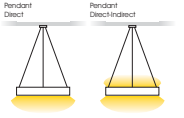
7.Metal Tube Suspension
(only for Pendant Direct models)



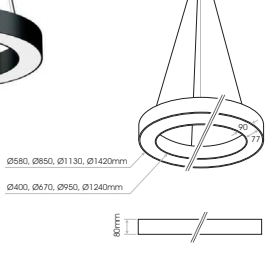
ECLIPSE PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)

Interior Pendant

- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 199lm/W (4000K)
Luminaire efficacy up to 115lm/W (4000K)



Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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Pendant Direct

LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE Pendant Direct High Power *(ECLIPSE PDD HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER 46.2W / 58cm *(46W058)* 75W / 85cm *(75W085)* 104.5W / 113cm *(105W113)* 134.1W / 142cm *(134W142)*	⩾80 *(80)* **3000K** *6910lm* *11070lm* *15490lm* *19960lm*	⩾80 *(80)* **4000K** *7310lm* *11740lm* *16390lm* *21100lm*	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)*
ECLIPSE Pendant Direct High Efficiency *(ECLIPSE PDD HE)*			HIGH EFFICIENCY 17.6W / 58cm *(18W058)* 26.7W / 85cm *(27W085)* 37.2W / 113cm *(37W113)* 47.8W / 142cm *(48W142)*	⩾80 *(80)* **3000K** *2940lm* *4450lm* *6230lm* *8020lm*	⩾80 *(80)* **4000K** *3110lm* *4720lm* *6590lm* *8480lm*	Opal *(OP)* Low UGR *(LU)* ***			

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20.8), Low UGR (UGR<18)

Ordering Code Example: ECLIPSE PDD HP-BL-30-105W113-80-LG-230-ND-011

Pendant Direct-Indirect

LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT DIRECT-INDIRECT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE Pendant Direct-Indirect High Power *(ECLIPSE PDDI HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K 3000K *(3030)* 3000K 4000K *(3040)* 4000K 4000K *(4040)* 4000K 3000K *(4030)*	HIGH POWER 69.3W / 58cm *(69W058)* 112.5W / 85cm *(113W085)* 156.8W / 113cm *(157W113)* 201.2W / 142cm *(201W142)*	⩾80 *(80)* **3000K** DIRECT-INDIRECT *6910lm* *3535lm* *11070lm* *5660lm* *15490lm* *7920lm* *19960lm* *10206lm*	⩾80 *(80)* **4000K** DIRECT-INDIRECT *7310lm* *3740lm* *11740lm* *6000lm* *16390lm* *8380lm* *21100lm* *10790lm*	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)*
ECLIPSE Pendant Direct-Indirect High Efficiency *(ECLIPSE PDDI HE)*			HIGH EFFICIENCY 26.3W / 58cm *(26W058)* 40W / 85cm *(40W085)* 55.9W / 113cm *(56W113)* 71.7W / 142cm *(72W142)*	⩾80 *(80)* **3000K** DIRECT-INDIRECT *2940lm* *1540lm* *4450lm* *2340lm* *6230lm* *3280lm* *8020lm* *4220lm*	⩾80 *(80)* **4000K** DIRECT-INDIRECT *3110lm* *1628lm* *4720lm* *2480lm* *6590lm* *3470lm* *8480lm* *4460lm*	Opal *(OP)* Low UGR *(LU)* ***			

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20.8), Low UGR (UGR<18)

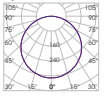
Ordering Code Example: ECLIPSE PDDI HP-BL-30-157W113-80-LG-230-ND-011

	Ø580mm	Ø850mm	Ø1130mm	Ø1420mm
ECLIPSE PDD				
HIGH POWER	46W	75W	105W	134W
HIGH EFFICIENCY	18W	27W	37W	48W
ECLIPSE PDDI				
HIGH POWER	69W	113W	157W	201W
HIGH EFFICIENCY	26W	40W	56W	72W
Weight	3.63Kgs	5.48Kgs	7.42Kgs	10Kgs

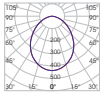
Direct

HIGH POWER

Opal LOR 0.6

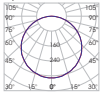


Low Glare LOR 0.66

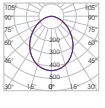


HIGH EFFICIENCY

Opal LOR 0.6



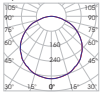
Low UGR LOR 0.67



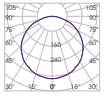
Indirect

HIGH POWER

Opal LOR 0.57

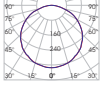


Low Glare LOR 0.57

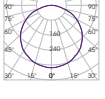


HIGH EFFICIENCY

Opal LOR 0.57

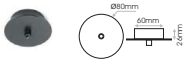


Low UGR LOR 0.57

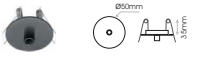


Canopies & Suspension

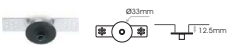
1.Cable SF (Surface)



2.Cable RC (Recessed)

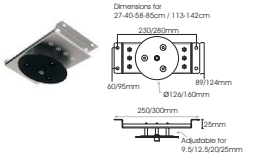


3.Cable TR (Trimless)

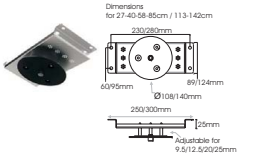


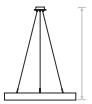
4.Hybrid SF (Surface)

5.Hybrid RC (Recessed)



6.Hybrid TR (Trimless)





Minimum allowed ceiling-luminaire distances for Hybrid canopies

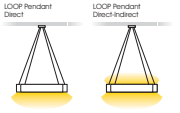
for 27cm - 35cm
for 40cm - 40cm
for 58cm - 60cm
for 85cm - 85cm
for 113cm - 110cm
for 142cm - 160cm

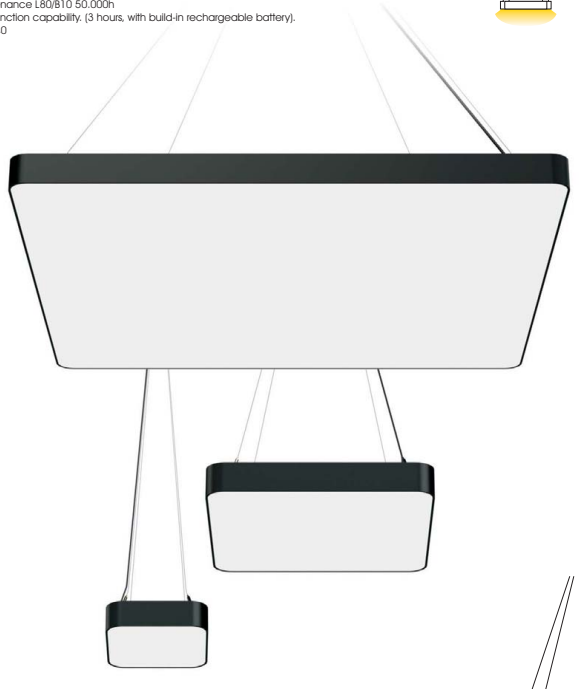
For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

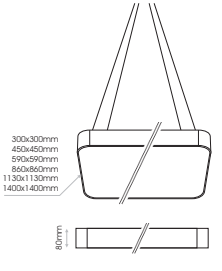
LOOP PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)

Interior Pendant

- LOOP is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<21,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18,6*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40







LED source efficacy up to 203lm/W (4000K)
Luminaire efficacy up to 138lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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Pendant Direct

LIGHTSOURCE BY SAMSUNG — IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
LOOP Pendant Direct High Power *(LOOP PDD HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER 17.6W / 30x30cm *(18W3030)* 39.5W / 45x45cm *(40W4545)* 75W / 59x59cm *(75W5959)* 153.5W / 86x86cm *(154W8686)* 272.8W / 113x113cm *(273W113113)* 426.3W / 140x140cm *(426W140140)*	≥80 *(80)* **3000K** 2660lm 5860lm 10720lm 22150lm 39380lm 61540lm	≥80 *(80)* **4000K** 2780lm 6160lm 11270lm 23290lm 41400lm 64700lm	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)* Metal tube****1.2m *(X70)* (without wire ropes)
LOOP Pendant Direct High Efficiency *(LOOP PDD HE)*			HIGH EFFICIENCY 6.6W / 30x30cm *(07W3030)* 13.4W / 45x45cm *(13W4545)* 25.9W / 59x59cm *(26W5959)* 58.3W / 86x86cm *(58W8686)* 103.7W / 113x113cm *(104W113113)* 162W / 140x140cm *(162W140140)*	≥80 *(80)* **3000K** 1130lm 2250lm 4200lm 9450lm 16790lm 26230lm	≥80 *(80)* **4000K** 1180lm 2370lm 4410lm 9930lm 17650lm 27580lm	Opal *(OP)* Low UGR *(LU)* ***			

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<21,8), Low UGR (UGR<18,6)
**** Metal tube is not available for 27cm.

Ordering Code Example: LOOP PDD HP-BL-30-154W8686-80-LG-230-ND-011

Pendant Direct-Indirect

LIGHTSOURCE BY SAMSUNG — IP40

Model	Luminaire Colour*	CCT DIRECT-INDIRECT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
LOOP Pendant Direct-Indirect High Power *(LOOP PDDI HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(3030)* 3000K 4000K *(3040)* 4000K 4000K *(4040)* 4000K 3000K *(4030)*	HIGH POWER 26W / 30x30cm *(26W3030)* 59.7W / 45x45cm *(60W4545)* 114.5W / 59x59cm *(115W5959)* 235.3W / 86x86cm *(235W8686)* 409.4W / 113x113cm *(409W113113)* 641.1W / 140x140cm *(641W140140)*	≥80 *(80)* **3000K** DIRECT-INDIRECT 2660lm 1400lm 5860lm 2990lm 10720lm 5860lm 22150lm 11570lm 39380lm 20900lm 61540lm 29720lm	≥80 *(80)* **4000K** DIRECT-INDIRECT 2780lm 1440lm 6160lm 3120lm 11270lm 6160lm 23290lm 12160lm 41400lm 21820lm 64700lm 31230lm	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)*
LOOP Pendant Direct-Indirect High Efficiency *(LOOP PDDI HE)*			HIGH EFFICIENCY 9.4W / 30x30cm *(09W3030)* 20.6W / 45x45cm *(21W4545)* 39.3W / 59x59cm *(39W5959)* 87.5W / 86x86cm *(88W8686)* 152.3W / 113x113cm *(152W113113)* 242.2W / 140x140cm *(242W140140)*	≥80 *(80)* **3000K** DIRECT-INDIRECT 1130lm 550lm 2250lm 1220lm 4200lm 2250lm 9450lm 4690lm 16790lm 8390lm 26230lm 12770lm	≥80 *(80)* **4000K** DIRECT-INDIRECT 1180lm 560lm 2370lm 1280lm 4410lm 2370lm 9930lm 4930lm 17650lm 8760lm 27580lm 13420lm	Opal *(OP)* Low UGR *(LU)* ***			

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<21,8), Low UGR (UGR<18,6)

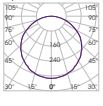
Ordering Code Example: LOOP PDDI HE-BL-30-88W8686-80-LU-230-ND-011

LOOP PDD						
HIGH POWER	18W	40W	75W	154W	273W	426W
HIGH EFFICIENCY	7W	13W	26W	58W	104W	162W
LOOP PDDI						
HIGH POWER	26W	60W	115W	235W	409W	641W
HIGH EFFICIENCY	9W	21W	39W	88W	152W	242W
Weight	1.55Kgs	3.46Kgs	6.24Kgs	11.70Kgs	18.80Kgs	28Kgs

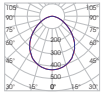
Direct

HIGH POWER

Opal LOR 0.74

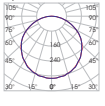


Low Glare LOR 0.73

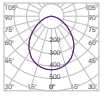


HIGH EFFICIENCY

Opal LOR 0.74



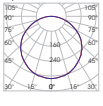
Low UGR LOR 0.73



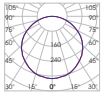
Indirect

HIGH POWER

Opal LOR 0.78

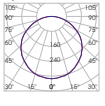


Low Glare LOR 0.78

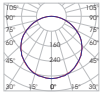


HIGH EFFICIENCY

Opal LOR 0.78

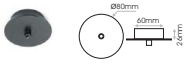


Low UGR LOR 0.78

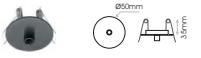


Canopies & Suspension

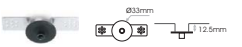
1.Cable SF (Surface)



2.Cable RC (Recessed)

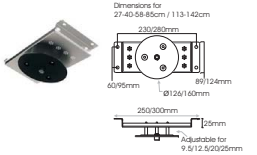


3.Cable TR (Trimless)

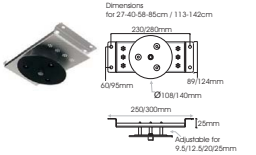


4.Hybrid SF (Surface)

5.Hybrid RC (Recessed)



6.Hybrid TR (Trimless)

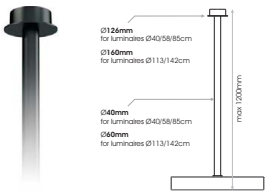


Minimum allowed ceiling-luminaire distances for Hybrid canopies

for 27cm - 35cm
for 40cm - 40cm
for 58cm - 60cm
for 85cm - 85cm
for 113cm - 110cm
for 142cm - 160cm

For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

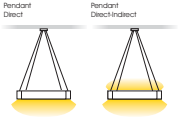
7.Metal Tube Suspension
(only for Pendant Direct models)

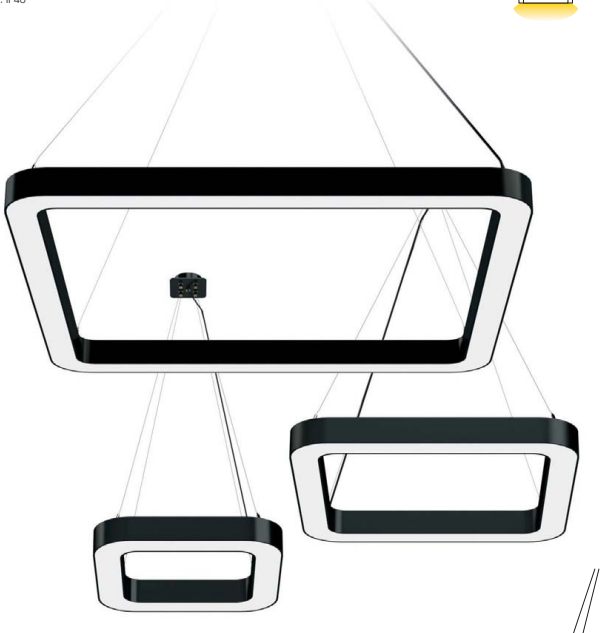


ORBIT PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)

Interior Pendant

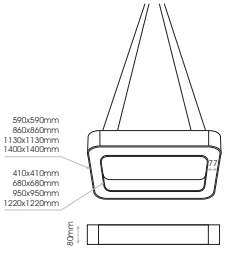
- ORBIT is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40





LED source efficacy up to 202lm/W (4000K)
Luminaire efficacy up to 117lm/W (4000K)

Available upon request:
✓ *Custom luminaire colours*
✓ *Emergency version*



*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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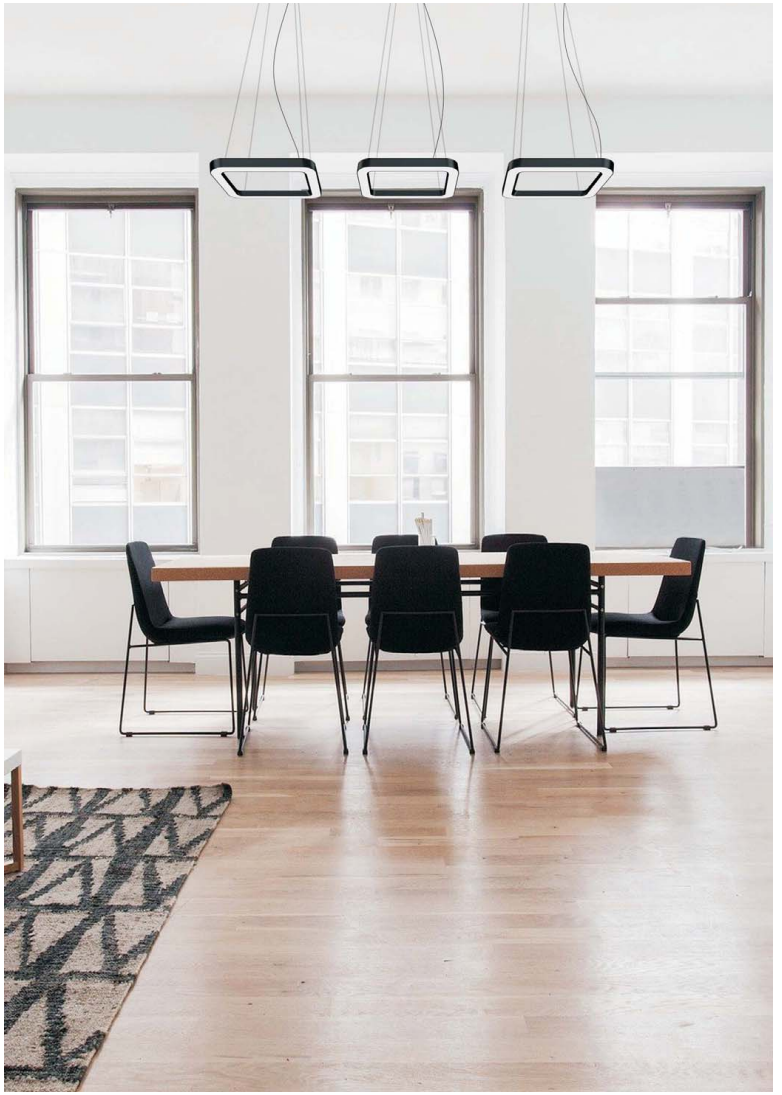

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Pendant Direct

LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Pendant Direct High Power *(ORBIT PDD HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER	⩾80 *(80)* **3000K**	⩾80 *(80)* **4000K**	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)*
			61.6W / 59x59cm *(62W5959)*	9210lm	9750lm				
			93.6W / 86x86cm *(94W8686)*	14050lm	14860lm				
			128.7W / 113x113cm *(129W113113)*	19320lm	20430lm				
			163.9W / 140x140cm *(164W140140)*	24590lm	26000lm				
ORBIT Pendant Direct High Efficiency *(ORBIT PDD HE)*			HIGH EFFICIENCY	⩾80 *(80)* **3000K**	⩾80 *(80)* **4000K**	Opal *(OP)* Low UGR *(LU)* ***			
			23.4W / 59x59cm *(23W5959)*	3920lm	4150lm				
			32.8W / 86x86cm *(33W8686)*	5560lm	5880lm				
			45.1W / 113x113cm *(45W113113)*	7650lm	8090lm				
			57.4W / 140x140cm *(57W140140)*	9730lm	10290lm				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20,8), Low UGR (UGR<18)

Ordering Code Example: *ORBIT PDD HP-WH-30-94W8686-80-LG-230-ND-011*

Pendant Direct-Indirect

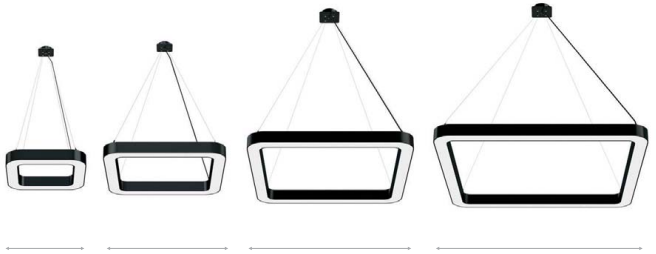
LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT DIRECT-INDIRECT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Pendant Direct-Indirect High Power *(ORBIT PDDI HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(3030)* 3000K *(3040)* 4000K *(4040)* 4000K *(4030)*	HIGH POWER	⩾80 *(80)* **3000K**	⩾80 *(80)* **4000K**	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)*
				DIRECT-INDIRECT	DIRECT-INDIRECT				
			92.5W / 59x59cm *(93W5959)*	9210lm 4610lm	9750lm 5070lm				
			144.5W / 86x86cm *(145W8686)*	14050lm 7770lm	14860lm 8540lm				
			194.1W / 113x113cm *(194W113113)*	19320lm 10140lm	20430lm 11150lm				
			251W / 140x140cm *(251W140140)*	24590lm 13520lm	26000lm 14870lm				
ORBIT Pendant Direct-Indirect High Efficiency *(ORBIT PDDI HE)*			HIGH EFFICIENCY	⩾80 *(80)* **3000K**	⩾80 *(80)* **4000K**	Opal *(OP)* Low UGR *(LU)* ***			
				DIRECT-INDIRECT	DIRECT-INDIRECT				
			33.8W / 59x59cm *(34W5959)*	3920lm 1770lm	4150lm 1940lm				
			50W / 86x86cm *(50W8686)*	5560lm 2980lm	5880lm 3280lm				
			65.8W / 113x113cm *(66W113113)*	7650lm 3640lm	8090lm 4000lm				
			84.9W / 140x140cm *(85W140140)*	9730lm 4850lm	10290lm 5330lm				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20,8), Low UGR (UGR<18)

Ordering Code Example: *ORBIT PDDI HE-WH-30-66W113113-80-LU-230-ND-011*

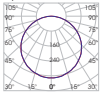


	590x590mm	860x860mm	1130x1130mm	1400x1400mm
ORBIT PDD				
HIGH POWER	62W	94W	129W	164W
HIGH EFFICIENCY	23W	33W	45W	57W
ORBIT PDDI				
HIGH POWER	93W	145W	194W	251W
HIGH EFFICIENCY	34W	50W	66W	85W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs

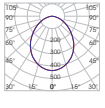
Direct

HIGH POWER

Opal LOR 0.6

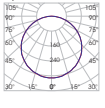


Low Glare LOR 0.66

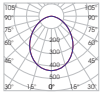


HIGH EFFICIENCY

Opal LOR 0.6



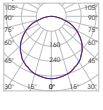
Low UGR LOR 0.67



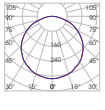
Indirect

HIGH POWER

Opal LOR 0.57

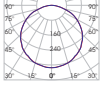


Low Glare LOR 0.57

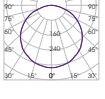


HIGH EFFICIENCY

Opal LOR 0.57

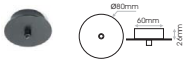


Low UGR LOR 0.57

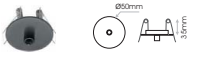


Canopies & Suspension

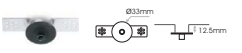
1.Cable SF (Surface)



2.Cable RC (Recessed)

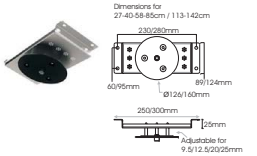


3.Cable TR (Trimless)

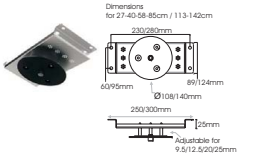


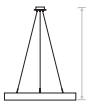
4.Hybrid SF (Surface)

5.Hybrid RC (Recessed)



6.Hybrid TR (Trimless)





Minimum allowed ceiling-luminaire distances for Hybrid canopies

for 27cm - 35cm
for 40cm - 40cm
for 58cm - 60cm
for 85cm - 85cm
for 113cm - 110cm
for 142cm - 160cm

For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

AURIGA

Interior Pendant

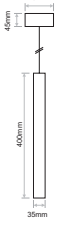
- AURIGA is a slim pendant luminaire available in non-dimmable version.
- 3 SDCM
- L90/B10 - 50.000h

LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT	LED Source / per LED	Type	CRI	Beam Angle	Colour	Dimming Option
AURIGA 6.4W *(AURIGA 6)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)* 5600K *(56B)*	*505lm* *550lm* *590lm* *685lm*	Fixed *(FX)*	70* *(70)* 80 *(80)* 90** *(90)*	33° *(33)* 47° *(47)* 65° *(65)*	White *(WH)*	Non-Dimmable 230VAC *(ND)*

* 5600K only available in CRI 70
** CRI 90 only for 2700K & 3000K

Ordering Code Example: *AURIGA 6- 30B-70-47-FX-WH-ND*



Interior Pendant

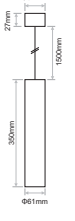
ADORNO Pendant Retrofit

- Adorno series pendant light with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.

Model	Outer Colour - Inner Colour	Type	Lamp Holder
ADORNO PD Retrofit *(ADORNO PDR)*	White-Black *(WB)* White-White *(WW)* White-Gold *(WG)* Black-Black *(BB)* Black-White *(BW)* Black-Gold *(BG)*	Fixed *(FX)*	GU10 (max 7.5W) *(G1)*

Lamp
Not included

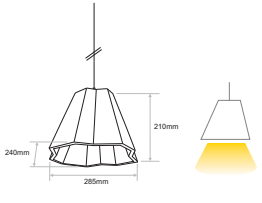
Ordering Code Example: *ADORNO PDR-WB-FX-G1*



JERIS

Interior Pendant

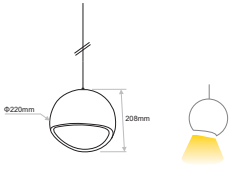
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCP.001	JERIS	E27	40W	220-240VAC	Not included	3.1Kg	IP20



Interior Pendant

IRIS

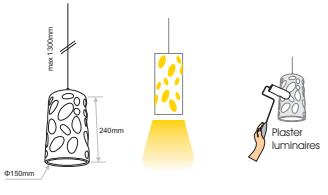
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCP.002	IRIS	E27	40W	220-240VAC	Not included	3.4Kg	IP20

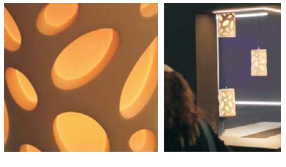


METIS

Interior Pendant

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCP.003	METIS	E27	40W	220-240VAC	Not included	2Kg	IP20





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

ELECTRON

INTERIOR
WALL SURFACE
WALL RECESSED

ELECTRON

SYLVA S

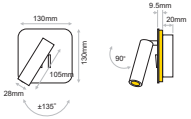
Interior Wall Surface, Recessed

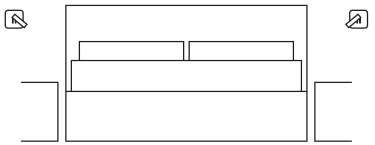
- SYLVA S is a reading light available with concealed lighting and a spotlight to illuminate a specific area.
- It can be custom made with one switch.
- It can be custom made with USB socket (no concealed lighting).

Model*	Watt	CCT**	Voltage	Colour	Dimensions	IP Rate
SYLVA S	10W	3000K	230VAC	Black White	130x130mm	IP20

IP20

*Available with one switch upon request.
**Available in different CCT upon request.
***Available with USB upon request.





Interior Wall Surface, Recessed

SYLVA L / SYLVA R

- SYLVA L & R are reading lights available with concealed lighting, a spotlight and USB socket.
- It can be custom made with one switch.

USB

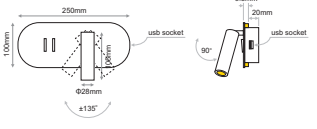
SYLVA L

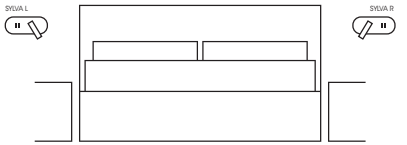
SYLVA R

Model*	Watt	CCT**	Voltage	Colour	Dimensions	IP Rate
SYLVA L	10W	3000K	230VAC	Black White	130x130mm	IP20
SYLVA R	10W	3000K	230VAC	Black White	130x130mm	IP20

IP20

*Available with one switch upon request.
**Available in different CCT upon request.





NAMOS

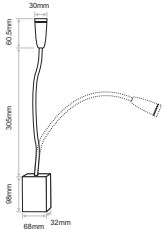
Interior Wall Surface, Recessed

- NAMOS reading light with gooseneck, available in white colour.

CREE LEDs

IP20

Code	Watt	CCT	Colour	Dimensions	Beam Angle	Voltage	IP Rate	
LWI.001	3W	3000K	White	Head: 30x60.5mm Base: 98x68x32mm	20°	230VAC	IP20	Dimmable

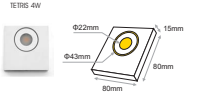


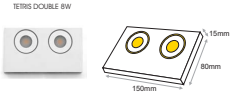
Interior Wall Surface, Recessed

TETRIS

- TETRIS is an interior decorative wall luminaire.
- Dimmable 230VAC.
- Ideal to create interesting patterns on walls.

Model	CCT	Luminaire LED Lumen	Watt	CRI	Voltage	Colour	
TETRIS 4W	3000K	180lm	4W	80	230VAC	White	Dimmable
TETRIS DOUBLE 8W	3000K	350lm	8W	80	230VAC	White	Dimmable





CUBE PL / FAROS-P

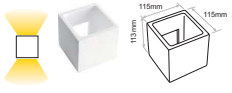
Interior Wall Surface, Recessed

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.001	CUBE PL	G9	40W	220-240VAC	Not included	0.68Kg	IP20
PWM.011	FAROS-P	E14	40W	220-240VAC	Not included	2.41Kg	IP20

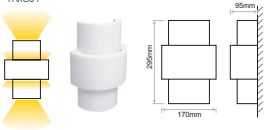
IP20

Plaster

PWM.001
CUBE PL



PWM.011
FAROS-P



ELECTRON

Interior Wall Surface, Recessed

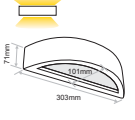
PRICL / BOWL / CURB

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.005	PRICL	E14	40W	220-240VAC	Not included	0.82Kg	IP20
PWM.006	BOWL	E14	40W	220-240VAC	Not included	0.76Kg	IP20
PWM.007	CURB	2xE14	2x40W	220-240VAC	Not included	1.32Kg	IP20

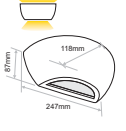
IP20

Plaster

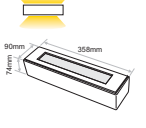
PWM.005
PRICL



PWM.006
BOWL



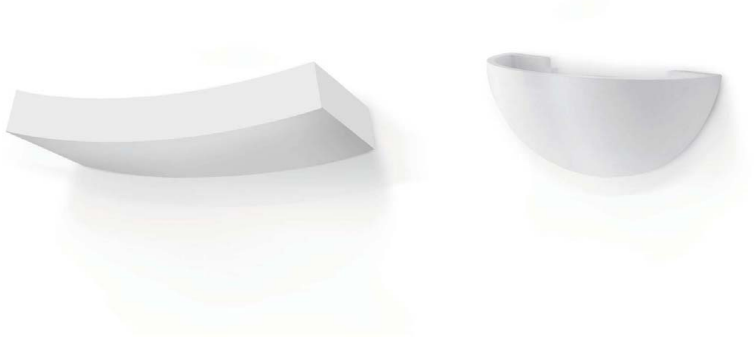
PWM.007
CURB



ELECTRON

WAVE / JUGER

Interior Wall Surface, Recessed

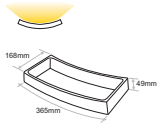


Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.002	WAVE	R7S	100W	220-240VAC	Not included	2.08Kg	IP20
PWM.004	JUGER	E14	40W	220-240VAC	Not included	1.1Kg	IP20

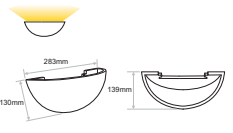
IP20

Plaster

PWM.002
WAVE



PWM.004
JUGER



Interior Wall Surface, Recessed

CAFÉ / MENSA

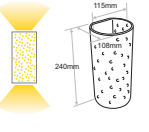
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.010	CAFÉ	G9	40W	220-240VAC	Not included	1.10Kg	IP20
PWM.014	MENSA	E14	40W	220-240VAC	Not included	1.50Kg	IP20

IP20

Plaster

PWM.010
CAFÉ

PWM.014
MENSA



LETO / JUNO

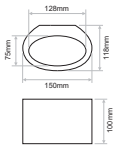
Interior Wall Surface, Recessed

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.012	LETO	G9	40W	220-240VAC	Not included	0.75Kg	IP20
PWM.013	JUNO	G9	40W	220-240VAC	Not included	0.50Kg	IP20

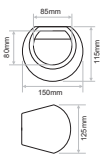
IP20

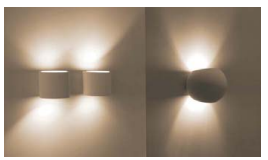
Plaster

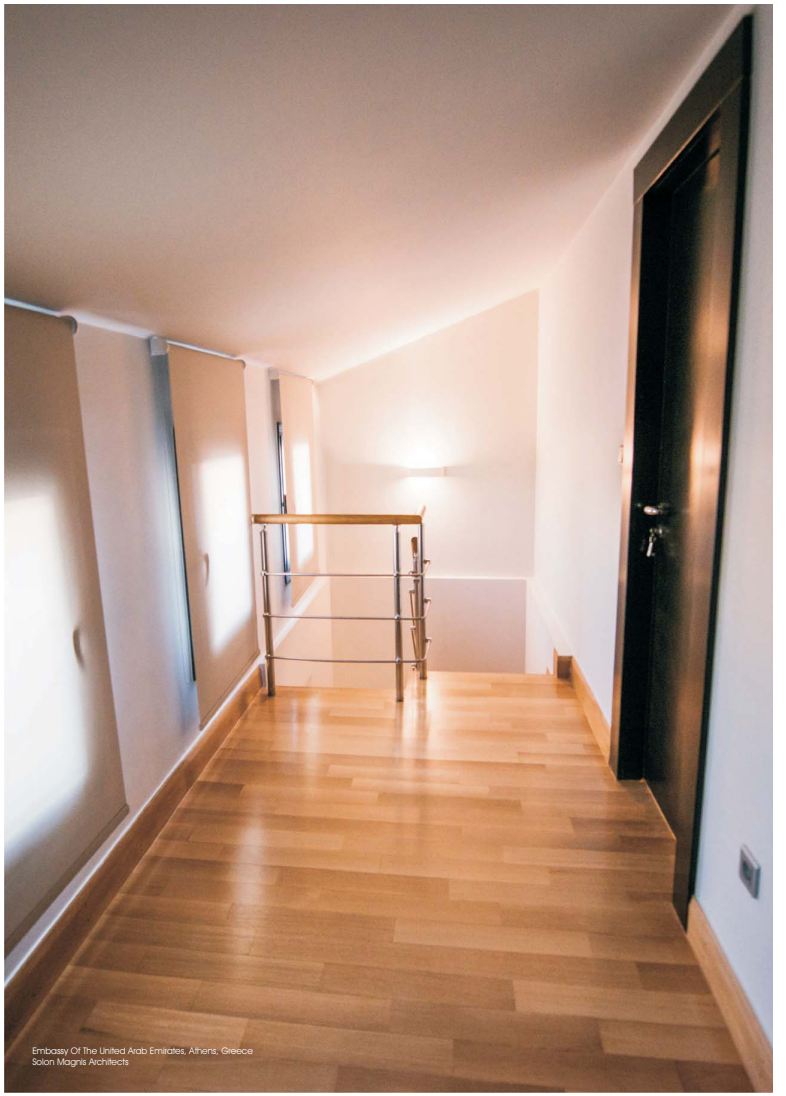
PWM.012
LETO



PWM.013
JUNO







Embassy Of The United Arab Emirates, Athens, Greece
Solon Magnis Architects

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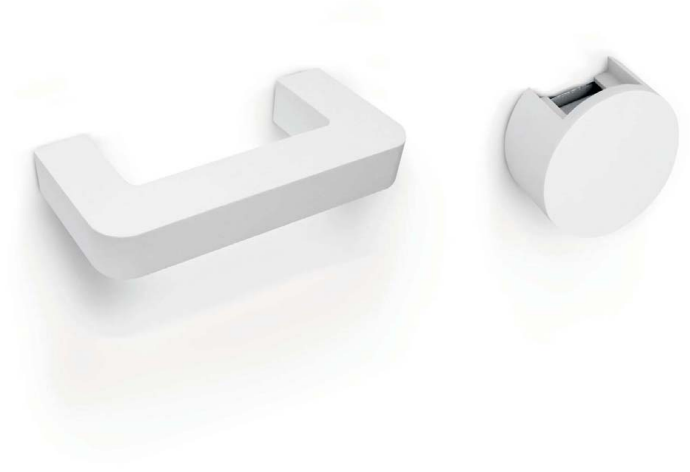
EUROPA / IDA

Interior Wall Surface, Recessed



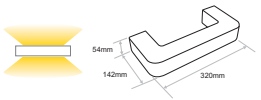
Code	Model	CCT	Watt	Constant Current	LED	Weight	IP Rate
PWM.015	EUROPA	3000K	1x3W	700mA	Included	1.05Kg	IP20
PWM.016	IDA	3000K	2x2W	500mA	Included	0.60Kg	IP20

IP20

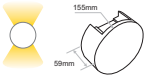
Plaster

* Available in 5000K & Blue upon request.

PWM.015
EUROPA



PWM.016
IDA



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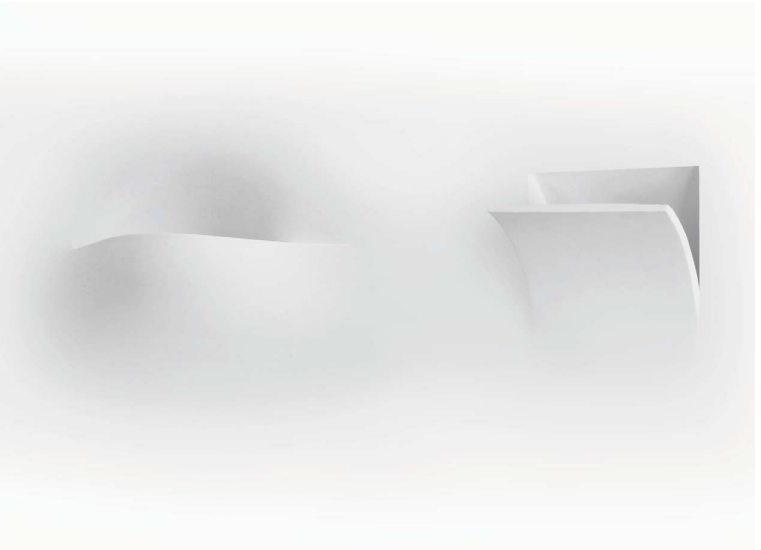
Interior Wall Surface, Recessed

EMILOS / IKTINOS



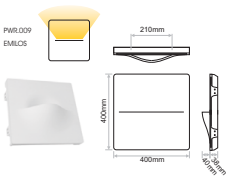
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight		IP Rate
PWR.009	EMILOS	G9	40W	220-240VAC	Not included	3.6Kg	402x402mm	IP20
PWR.008	IKTINOS	E14	40W	220-240VAC	Not included	3.9Kg	312x252mm	IP20

*Suitable for plasterboard 9mm-15mm

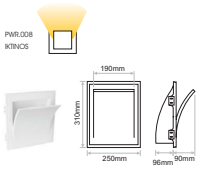
IP20

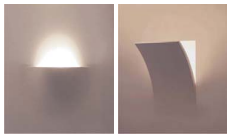
Plaster

PWR.009
EMILOS



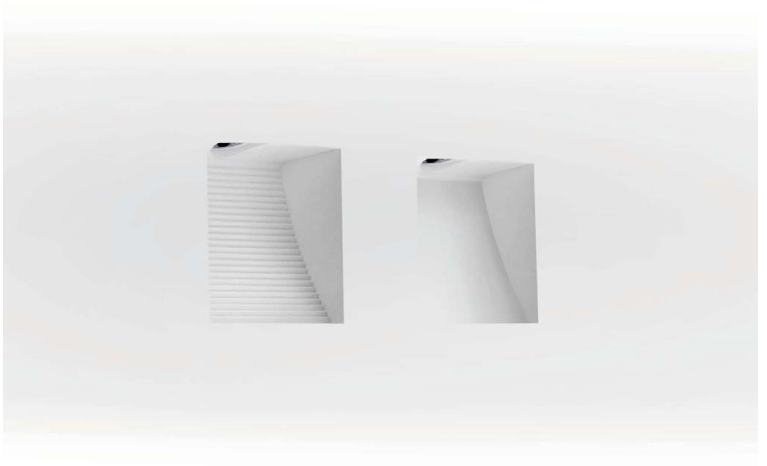
PWR.008
IKTINOS





URGO PL / URGO SLEEK

Interior Wall Surface, Recessed



Code	Model	CCT / Colour	Watt	Constant Current	LED	Lamp	Weight	IP Rate
PWR.001	URGO PL	5000K 3000K Blue	1x1W	350mA	Not included	0.64Kg	145x172mm	IP20
PWR.002	URGO SLEEK	5000K 3000K Blue	1x1W	350mA	Not included	0.64Kg	145x172mm	IP20

*Suitable for plasterboard 9mm-15mm

IP20

Plaster

Not included

LED Options

LED.302
1W /350mA / 5000K

LED.303
1W /350mA / 3000K

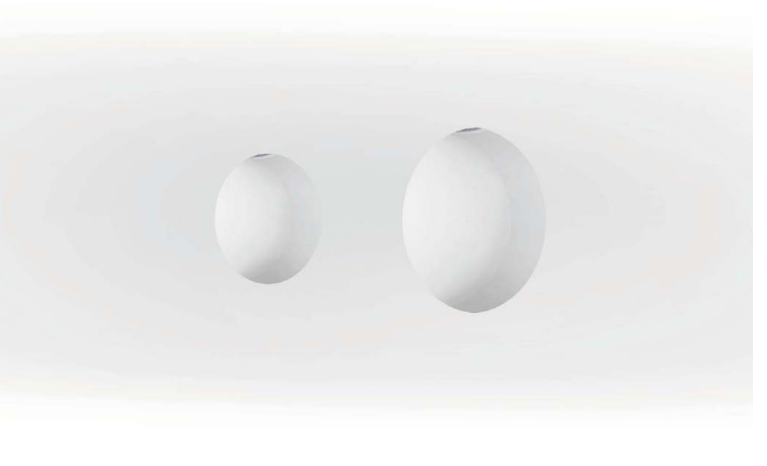
LED.304
1W /350mA / BLUE

PWR.001
URGO PL

PWR.002
URGO SLEEK

Interior Wall Surface, Recessed

CIRCLE PL / CIRCLE LPL



Code	Model	CCT / Colour	Watt	Constant Current	LED	Weight		IP Rate
PWR.004	CIRCLE PL	5000K 3000K Blue	1x1W	350mA	Not included	1.08Kg	162x182mm	IP20
PWR.003	CIRCLE LPL	5000K 3000K Blue	1x1W	350mA	Not included	1.30Kg	202x202mm	IP20

*Suitable for plasterboard 9mm-15mm

IP20

Plaster

Not included

LED Options

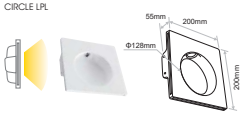
LED.302
1W /350mA / 5000K

LED.303
1W /350mA / 3000K

LED.304
1W /350mA / BLUE

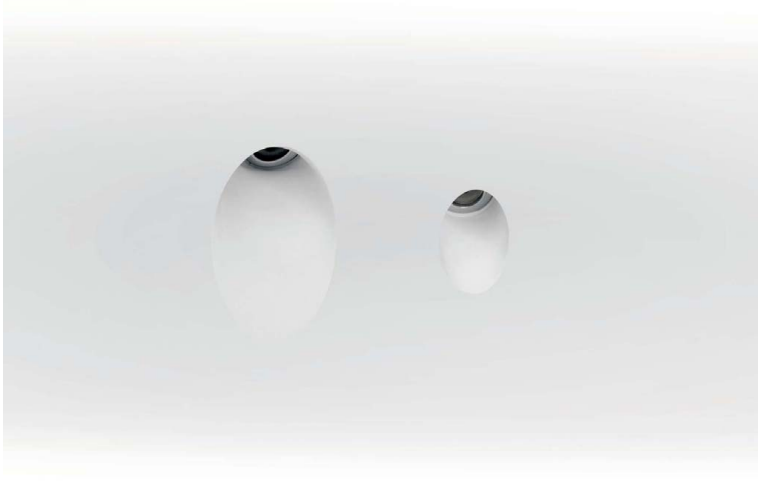
PWR.004
CIRCLE PL

PWR.003
CIRCLE LPL



CERES L / CERES

Interior Wall Surface, Recessed



Code	Model	CCT / Colour	Watt	Constant Current	LED	Weight		IP Rate
PWR.012	CERES L	5000K 3000K Blue	1x1W	350mA	Not included	0.62Kg	182x122mm	IP20
PWR.013	CERES	5000K 3000K Blue	1x1W	350mA	Not included	0.62Kg	102x102mm	IP20

*Suitable for plasterboard 9mm-15mm

IP20

Plaster

Not included

LED Options

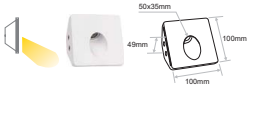
LED.302
1W /350mA / 5000K

LED.303
1W /350mA / 3000K

LED.304
1W /350mA / BLUE

PWR.012
CERES L

PWR.013
CERES



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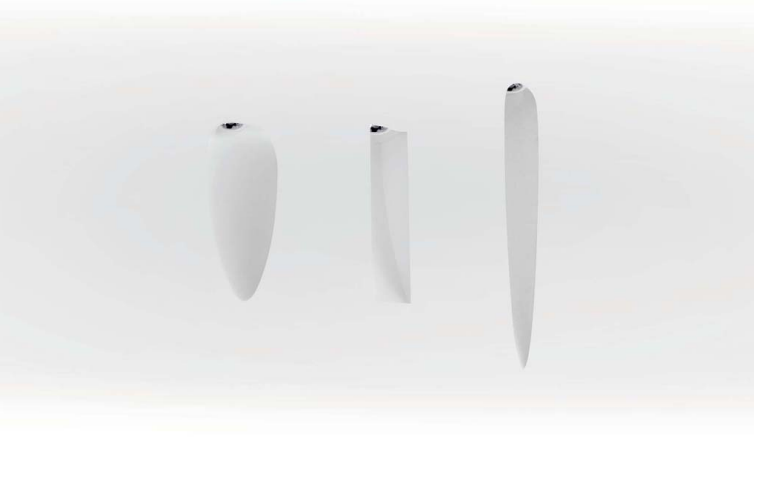
Interior Wall Surface, Recessed

NECK / SHAPE / TEAR



Code	Model	CCT / Colour	Watt	Constant Current	LED	Weight		IP Rate
PWR.005	NECK	5000K 3000K Blue	1x1W	350mA	Not included	1.00Kg	145x232mm	IP20
PWR.006	SHAPE	5000K 3000K Blue	1x1W	350mA	Not included	0.88Kg	110x247mm	IP20
PWR.007	TEAR	5000K 3000K Blue	1x1W	350mA	Not included	1.18Kg	103x322mm	IP20

*Suitable for plasterboard 9mm-15mm

IP20

Plaster

Not included

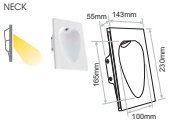
LED Options

LED.302
1W /350mA / 5000K

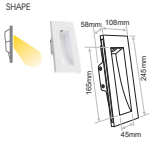
LED.303
1W /350mA / 3000K

LED.304
1W /350mA / BLUE

PWR.005
NECK



PWR.006
SHAPE

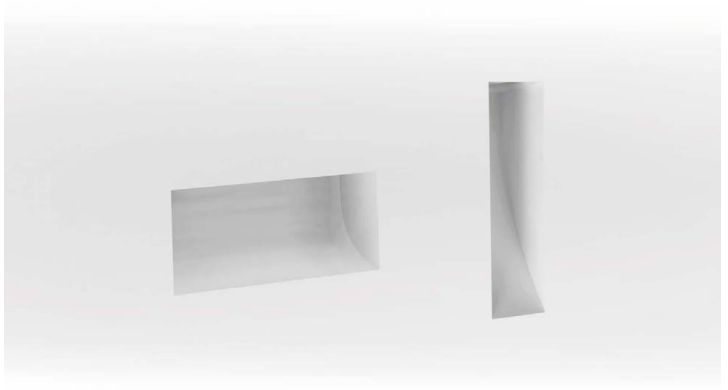


PWR.007
TEAR

ELECTRON

MYRON / BEAM

Interior Wall Surface, Recessed



IP20

Plaster

Code	Model	CCT	Watt	Constant Current	LED	Weight		IP Rate
PWR.010	MYRON	3000K	6.5W	350mA	Included	2.53Kg	302x182mm	IP20

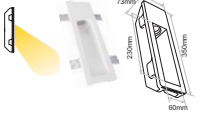
*Suitable for plasterboard 9-15mm

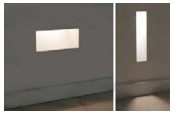
Code	Model	Lamp Holder	Watt	Voltage	LED	Weight		IP Rate
PWR.011	BEAM	Gx5.3 / MR16	35W	12VAC	Not included	1.53Kg	352x102mm	IP20

*Suitable for plasterboard 9-15mm

PWR.010
MYRON

PWR.011
BEAM





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Interior Wall Surface, Recessed

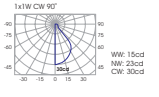
SATI

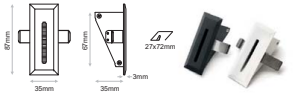
CREE LEDs

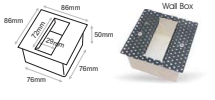
IP20

Code	No.LED	CCT*	Material	Current	Beam Angle	Colour of fitting**	Weight	IP Rate
ALW.038	1x1W	3000K	Aluminium	350mA	90°	White	0.06Kg	IP20

* Also available in 5000K upon request.
**Available in Black colour of fitting upon request.







ACC.189
Wall Box

LED DOT BEAM, LED DOT DOME/FROST

Interior Wall Surface, Recessed

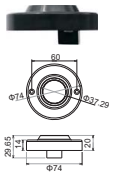
CREE LEDs

LED DOT BEAM

Code	No.LED	CCT* / Colour	Power Consumption	Operating Voltage	DIM	Beam Angle**
24°						
DOT.001	1	2700K	3W	9~32VDC	PWM 9 - 32V / 100Hz - 2,5KHz	24°
DOT.002		3000K				
DOT.003		4000K				
DOT.004		AMBER				
DOT.005		BLUE				
DOT.006		GREEN				
DOT.007		RED				
40°						
DOT.008	1	2700K	3W	9~32VDC	PWM 9 - 32V / 100Hz - 2,5KHz	40°
DOT.009		3000K				
DOT.010		4000K				
DOT.011		AMBER				
DOT.012		BLUE				
DOT.013		GREEN				
DOT.014		RED				

*Available in CCT 5000K upon request.
**Available in 16° upon request.

LED DOT BEAM

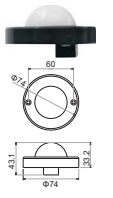


LED DOT DOME/FROST

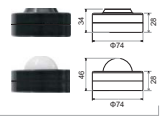
Code	No.LED	CCT* / Colour	Power Consumption	Operating Voltage	DIM	Beam Angle
DOT.015	1	2700K	3W	9~32VDC	PWM 9 - 32V / 100Hz - 2,5KHz	120°
DOT.016		3000K				
DOT.017		4000K				
DOT.018		AMBER				
DOT.019		BLUE				
DOT.020		GREEN				
DOT.021		RED				

*Available in CCT 5000K upon request.

LED DOT DOME/FROST



ACC.086
Wall mounting ring for DOT



Wall Mounted

DOT BEAM
with recessed standard wall box

DOT DOME/FROST
with recessed standard wall box

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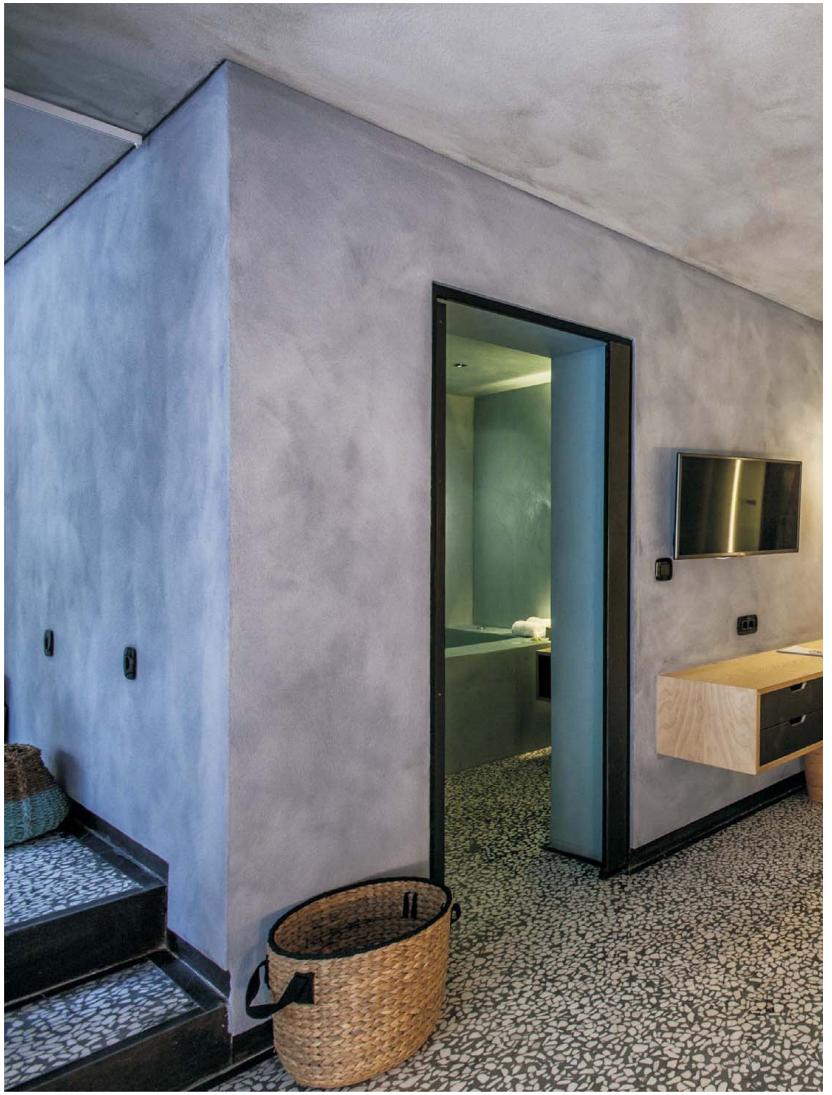
ALUMINIUM PROFILES

ELECTRON



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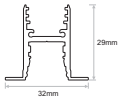
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Recessed

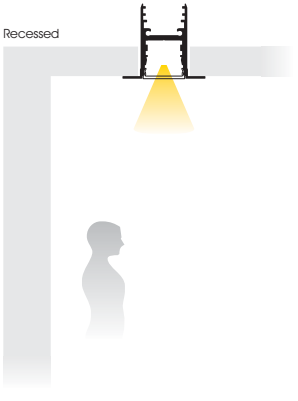


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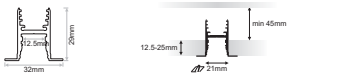
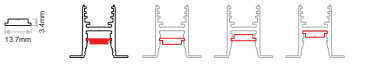
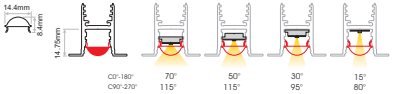
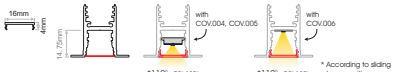
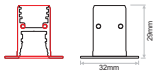
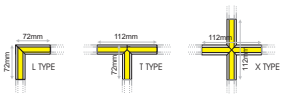
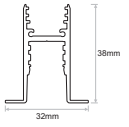
Image	Code	Description	Length	Design-Detail
	PRF.019	LINILINE RECESSED alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004 **COV.005** **COV.006**	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	CAP.009	END CAP ALUM.		
	PRH.042	RETENTION SPRING Note: Use 2 pcs for length up to 100cm, 3 pcs up to 150cm, 4 pcs up to 200cm		
	PRH.043 **PRH.044** **PRH.045** **PRH.046** **PRH.047** **PRH.048**	EXTENSION LINE EXTENSION L90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		
	PRH.049 **PRH.050** **PRH.051**	L TYPE 90° LINILINE RECESSED T TYPE 90° LINILINE RECESSED X TYPE LINILINE RECESSED		
	PRH.052 **PRH.053**	VER-I CORNER 90° LINILINE RECESSED VER-O CORNER 90° LINILINE RECESSED		

LINILINE RECESSED ANTIGLARE
Aluminium Profile

- Liniline recessed antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Recessed Antiglare

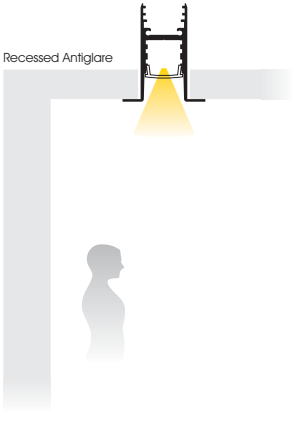
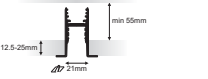
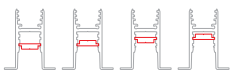
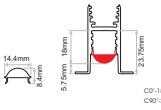
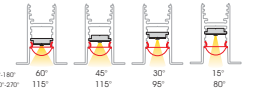
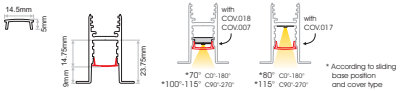
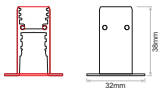
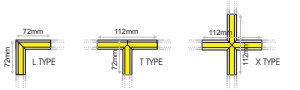
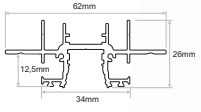


Image	Code	Description	Length	Design-Detail
	PRF.079	LINILINE RECESSED ANTIGLARE alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	 
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	CAP.010	END CAP ALUM.		
	PRH.042	RETENTION SPRING Note: Use 2 pcs for length up to 100cm, 3 pcs up to 150cm, 4 pcs up to 200cm		
	PRH.043 **PRH.044** **PRH.045** **PRH.046** **PRH.047** **PRH.048**	EXTENSION LINE EXTENSION L90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		PRH.043 PRH.044 PRH.045 PRH.046 PRH.047 PRH.048
	PRH.054 **PRH.055** **PRH.056**	L TYPE 90° LINILINE RECESSED AG T TYPE 90° LINILINE RECESSED AG X TYPE LINILINE RECESSED AG		
	PRH.057 **PRH.058**	VER-I CORNER 90° LINILINE RECESSED AG VER-O CORNER 90° LINILINE RECESSED AG		

LINILINE TRIMLESS
Aluminium Profile

- Liniline trimless aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).



Trimless

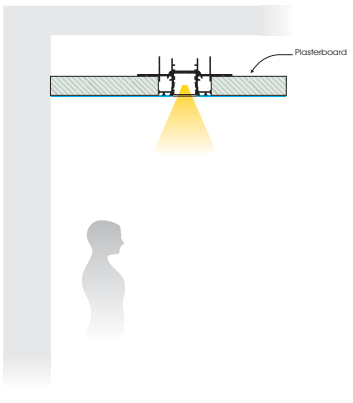


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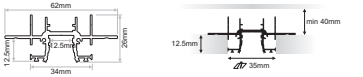
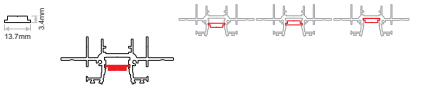
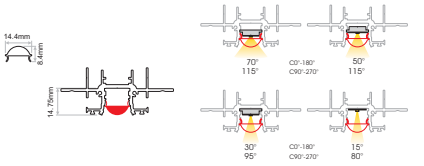
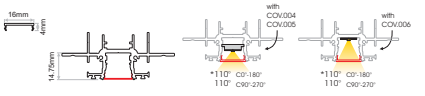
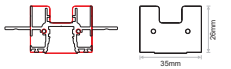
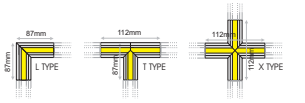
Image	Code	Description	Length	Design-Detail
	PRF.080	LINILINE TRIMLESS alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004 **COV.005** **COV.006**	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	 * According to sliding base position and cover type
	CAP.011	END CAP ALUM.		
	PRH.043 **PRH.044** **PRH.045** **PRH.046** **PRH.047** **PRH.048**	EXTENSION LINE EXTENSION L90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		
	PRH.059 **PRH.060** **PRH.061**	L TYPE 90° LINILINE TRIMLESS T TYPE 90° LINILINE TRIMLESS X TYPE LINILINE TRIMLESS		
	PRH.062 **PRH.063**	VER-I CORNER 90° LINILINE TRIMLESS VER-O CORNER 90° LINILINE TRIMLESS		

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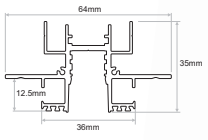
LINILINE TRIMLESS ANTIGLARE Aluminium Profile

- Liniline trimless antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).



Trimless Antiglare

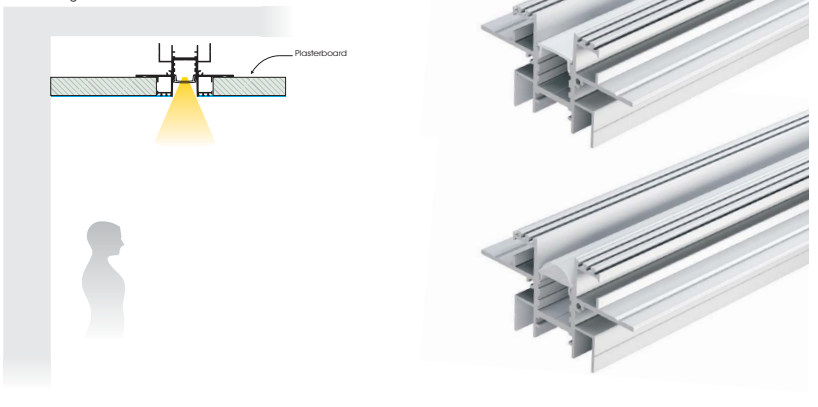
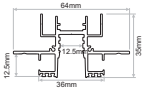
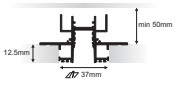
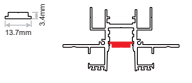
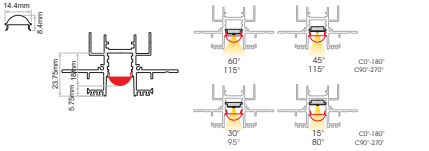
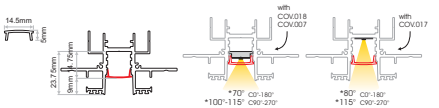
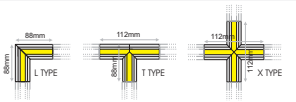
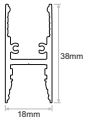


Image	Code	Description	Length	Design-Detail
	PRF.081	LINILINE TRIMLESS ANTIGLARE alum.prof. / Anodized	2m	 
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	COV.018 COV.017 COV.007	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	 * According to sliding base position and cover type
	CAP.012	END CAP ALUM.		
	PRH.043 PRH.044 PRH.045 PRH.046 PRH.047 PRH.048	EXTENSION LINE EXTENSION L90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		
	PRH.064 PRH.065 PRH.066	L TYPE 90° LINILINE TRIMLESS AG T TYPE 90° LINILINE TRIMLESS AG X TYPE LINILINE TRIMLESS AG		
	PRH.067 PRH.068	VER-I CORNER 90° LINILINE TRIMLESS AG VER-O CORNER 90° LINILINE TRIMLESS AG		

LINILINE SURFACE
Aluminium Profile

- Liniline surface aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Surface

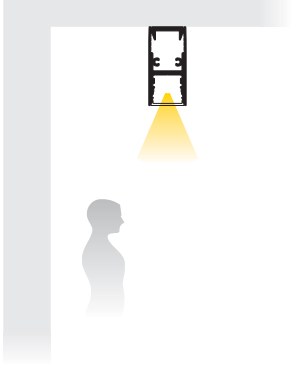


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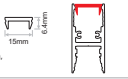
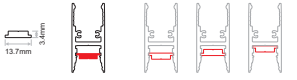
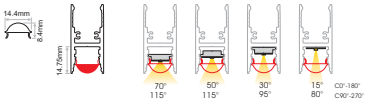
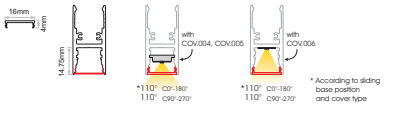
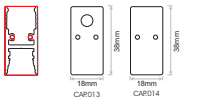
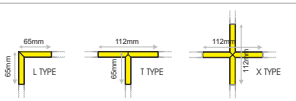
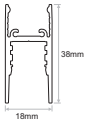
Image	Code	Description	Length	Design-Detail
	PRF.082	LINILINE SURFACE alum.prof. / Anodized	2m	
	PRF.084	LINILINE BASE alum.prof. / Anodized Note: It must be cutted in pieces of 6cm. Use 2pcs up to 1m, 3pcs up to 1,5m, 4pcs up to 2m luminaire lengths	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004 **COV.005** **COV.006**	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	CAP.013 **CAP.014**	FRONT CAP ALUM. END CAP ALUM.		
	PRH.069	EXTENSION LINE		
	PRH.070 **PRH.071** **PRH.072**	L TYPE 90° LINILINE SURFACE T TYPE 90°LINILINE SURFACE X TYPE LINILINE SURFACE		
	PRH.073 **PRH.074**	VER-I CORNER 90° LINILINE SURFACE VER-O CORNER 90° LINILINE SURFACE		

LINILINE SURFACE ANTIGLARE
Aluminium Profile

- Liniline surface antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Surface Antiglare

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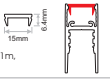
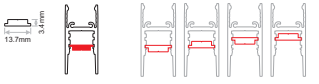
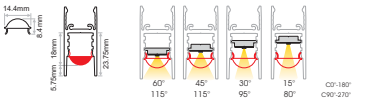
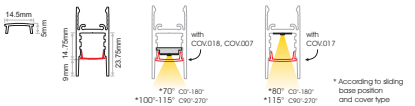
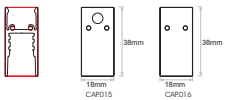
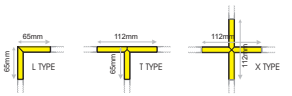
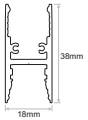
Image	Code	Description	Length	Design-Detail
	PRF.083	LINILINE SURFACE ANTIGLARE alum.prof. / Anodized	2m	
	PRF.084	LINILINE BASE alum.prof. / Anodized Note: It must be cutted in pieces of 6cm. Use 2pcs up to 1m, 3pcs up to 1,5m, 4pcs up to 2m luminaire lengths	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	CAP.015 **CAP.016**	FRONT CAP ALUM. END CAP ALUM.		
	PRH.069	EXTENSION LINE		
	PRH.075 **PRH.076** **PRH.077**	L TYPE 90° LINILINE SURFACE-AG T TYPE 90° LINILINE SURFACE-AG X TYPE LINILINE SURFACE-AG		
	PRH.078 **PRH.079**	VER-I CORNER 90° LINILINE SURFACE-AG VER-O CORNER 90° LINILINE SURFACE-AG		

LINILINE PENDANT
Aluminium Profile

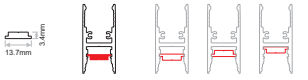
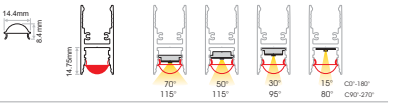
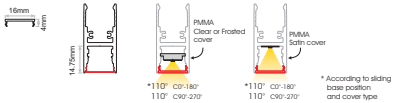
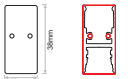
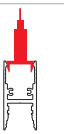
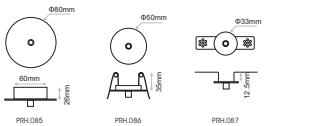
- Liniline pendant aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Pendant

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

ELECTRON

Image	Code	Description	Length	Design-Detail
	PRF.082	LINILINE PENDANT alum.prof. / Anodized	2m	
	PRF.084	LINILINE TOP COVER alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED stip width	2m	
	COV.004 **COV.005** **COV.006**	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	CAP.014	END CAP ALUM.		
	ACC.191* **ACC.233***	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	PRH.085	CANOPY SURFACE LIGHT GREY		
	PRH.086	CANOPY RECESSED LIGHT GREY		
	PRH.087	CANOPY TRIMLESS LIGHT GREY		
	PRH.037	CABLE RESTRAINT ON WIRE ROPE Note: 2pcs for 150cm & 3pcs for 300cm ceiling suspension		
	PRH.038	CABLE GLAND FOR LINILINE PENDANT		Canopy also available in black, white or different RAL colours upon request.
	PRH.099	LINE ALIGNMENT		

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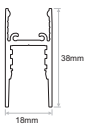
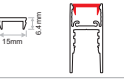
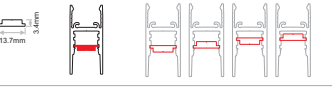
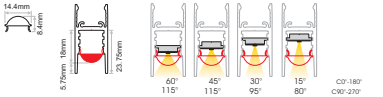
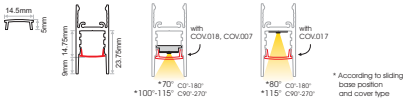
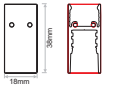
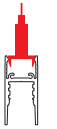
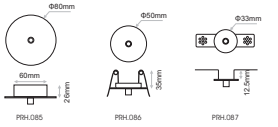
LINILINE PENDANT ANTIGLARE
Aluminium Profile

- Liniline pendant antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Pendant Antiglare

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS · 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

Image	Code	Description	Length	Design-Detail
	PRF.083	LINILINE PENDANT ANTIGLARE alum.prof. / Anodized	2m	
	PRF.084	LINILINE TOP COVER alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	CAP.016	END CAP ALUM.		
	ACC.191* **ACC.233***	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	PRH.085 **PRH.086** **PRH.087** **PRH.037** **PRH.038**	CANOPY SURFACE LIGHT GREY CANOPY RECESSED LIGHT GREY CANOPY TRIMLESS LIGHT GREY CABLE RESTRAINT ON WIRE ROPE Note: 2pcs for 150cm & 3pcs for 300cm ceiling suspension CABLE GLAND FOR LINILINE PENDANT		 Canopy also available in black, white or different RAL colous upon request.
	PRH.099	LINE ALIGNMENT		

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LINILINE PENDANT DIRECT/INDIRECT
Aluminium Profile

- Liniline pendant DIRECT/INDIRECT aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
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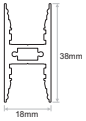
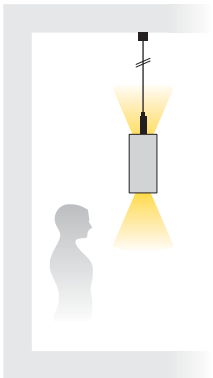
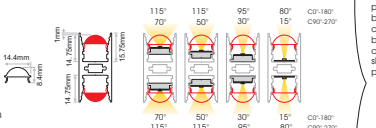
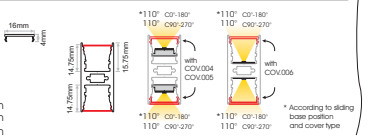
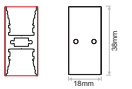
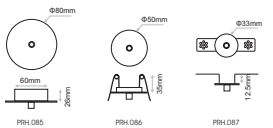


Pendant DIRECT/INDIRECT



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

Image	Code	Description	Length	Design-Detail
	PRF.012	LINILINE PENDANT DIRECT/INDIRECT alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004 **COV.005** **COV.006**	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	CAP.006	END CAP ALUM.		
	PRH.036	HANGING SET FOR LINILINE PENDANT DIRECT/INDIRECT		
	ACC.191* **ACC.233***	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	PRH.085	CANOPY SURFACE LIGHT GREY		
	PRH.086	CANOPY RECESSED LIGHT GREY		
	PRH.087	CANOPY TRIMLESS LIGHT GREY		
	PRH.037	CABLE RESTRAINT ON WIRE ROPE Note: 2pcs for 150cm & 3pcs for 300cm ceiling suspension		
	PRH.038	CABLE GLAND FOR LINILINE PENDANT		



Canopy also available in black, white or different RAL colours upon request.

Create any possible beam angle combination, by choosing cover and sliding base position

Example:

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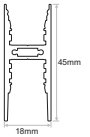
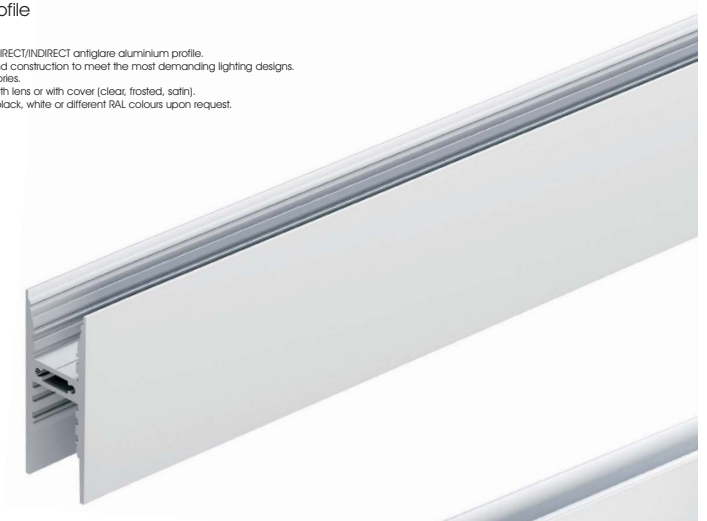
LINILINE PENDANT DIRECT/INDIRECT ANTIGLARE

Aluminium Profile

- Liniline pendant DIRECT/INDIRECT antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.





Pendant DIRECT/INDIRECT Antiglare

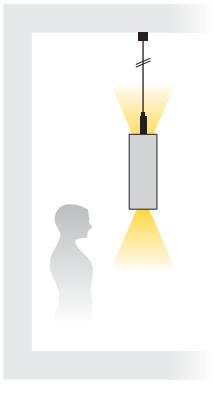
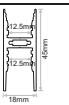
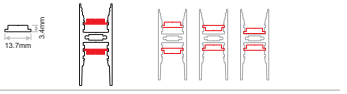
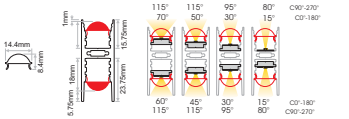
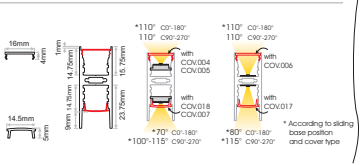
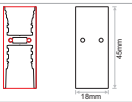
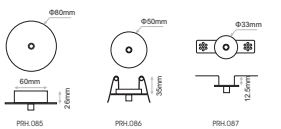


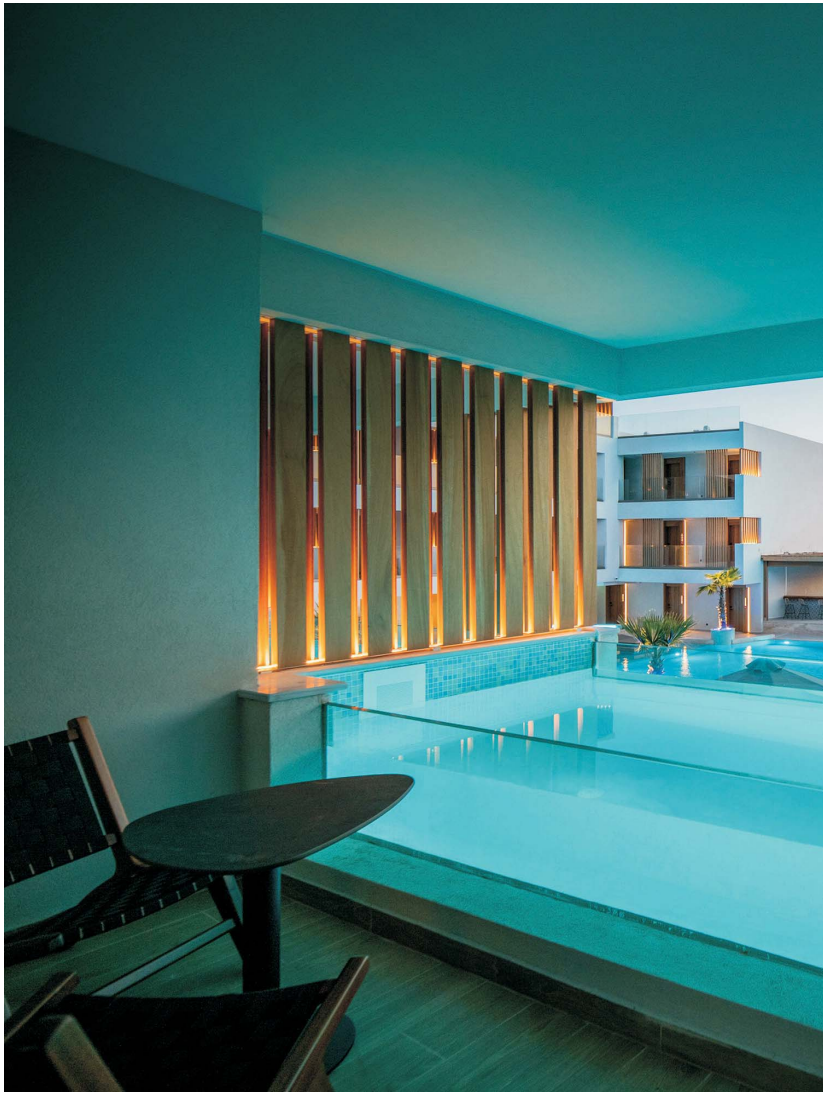
Image	Code	Description	Length	Design-Detail
	PRF.018	LINILINE PENDANT DIRECT/INDIRECT ANTIGLARE alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004 **COV.005** **COV.006**	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	CAP.008	END CAP ALUM.		
	PRH.036	HANGING SET FOR LINILINE PENDANT DIRECT/INDIRECT		
	ACC.191* **ACC.233***	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	PRH.085	CANOPY SURFACE LIGHT GREY		
	PRH.086	CANOPY RECESSED LIGHT GREY		
	PRH.087	CANOPY TRIMLESS LIGHT GREY		
	PRH.037	CABLE RESTRAINT ON WIRE ROPE Note: 2pcs for 150cm & 3pcs for 300cm ceiling suspension		
	PRH.038	CABLE GLAND FOR LINILINE PENDANT		



Canopy also available in black, white or different RAL colous upon request.

Create any possible beam angle combination, by choosing cover and sliding base position

Example:



Akasha Beach Hotel & Spa, Crete, Greece
schema4architects

AWARD:
BIGSEE Interior Design AWARD 2022 Winner

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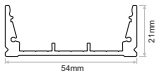
OUTLINER 50

Aluminium Profile

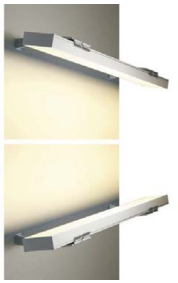
- OUTLINER 50 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.



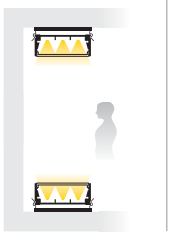
FIXED installation

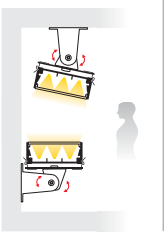
SURFACE installation

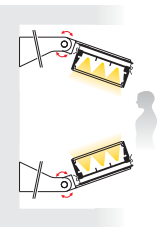
WALL BRACKET (Long-Short) installation



PENDANT installation







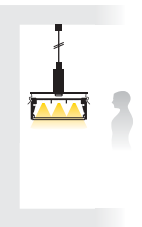
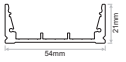
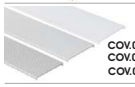
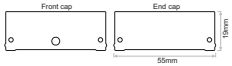
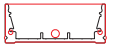
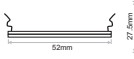
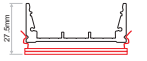
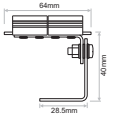
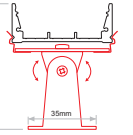
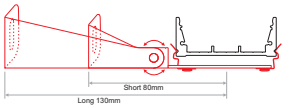
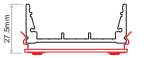
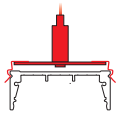


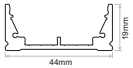
Image	Code	Description	Length	Design-Detail
	PRF.128	OUTLINER 50 alum.prof. / Anodized	2m	
	**COV.045** **COV.046** **COV.047**	POLYCARBONATE CLEAR COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE MICROPRISMATIC COVER	2m 2m 2m	
	CAP.135 **CAP.136**	FRONT CAP (aluminium) for OUTLINER 50 END CAP (aluminium) for OUTLINER 50		 
	PRH.008[1]	STAINLESS STEEL HOLDER for FIXED installation		 
	PRH.011[1]	BRACKET for SURFACE installation		 
	PRH.016[2] **PRH.017**[2]	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	PRH.020	ANTISLIPPER for VERTICAL installation (use two Antislipper per luminaire)		
	PRH.025[3] **PRH.026**[3]	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 130cm. 3 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 130cm. 1,5 pair for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.

OUTLINER 40

Aluminium Profile

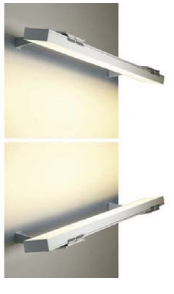
- OUTLINER 40 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.



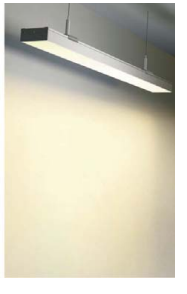
FIXED installation

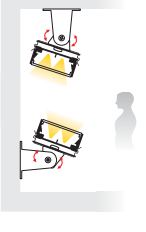
SURFACE installation

WALL BRACKET (Long-Short) installation



PENDANT installation





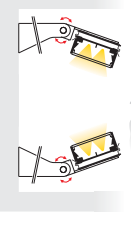
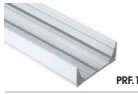
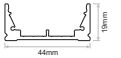
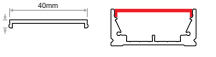
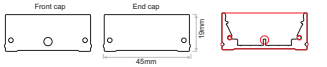
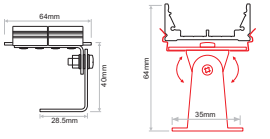
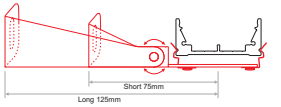


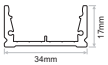
Image	Code	Description	Length	Design-Detail
	**PRF.125**	OUTLINER 40 alum.prof. / Anodized	2m	
	COV.042 **COV.043** **COV.044**	POLYCARBONATE CLEAR COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE MICROPRISMATIC COVER	2m 2m 2m	
	CAP.131 **CAP.132**	FRONT CAP (aluminium) for OUTLINER 40 END CAP (aluminium) for OUTLINER 40		
	PRH.007[1]	STAINLESS STEEL HOLDER for FIXED installation		
	PRH.010[1]	BRACKET for SURFACE installation		
	PRH.014[2] **PRH.015**[2]	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	PRH.019	ANTISLIPPER for VERTICAL installation (use one Antislipper per luminaire)		
	PRH.023[3] **PRH.024**[3]	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 130cm. 3 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 130cm. 1,5 pair for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.

OUTLINER 30

Aluminium Profile

- OUTLINER 30 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.

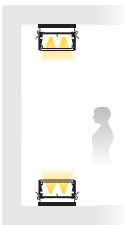


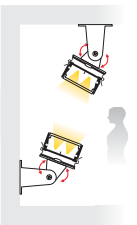
FIXED installation

SURFACE installation

WALL BRACKET (Long-Short) installation

PENDANT installation





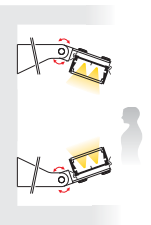
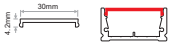
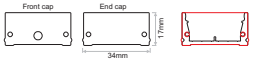
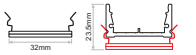
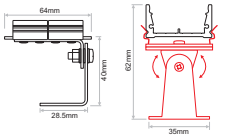
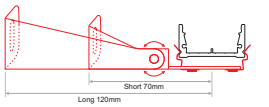
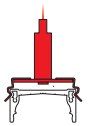


Image	Code	Description	Length	Design-Detail
	PRF.123	OUTLINER 30 alum.prof. / Anodized	2m	
	COV.039 POLYCARBONATE CLEAR COVER **COV.040** POLYCARBONATE MILKY SATIN COVER **COV.041** POLYCARBONATE MICROPRISMATIC COVER		2m 2m 2m	
	CAP.127 FRONT CAP (aluminium) for OUTLINER 30 **CAP.128** END CAP (aluminium) for OUTLINER 30			
	PRH.006[1]	STAINLESS STEEL HOLDER for FIXED installation		
	PRH.009[1]	BRACKET for SURFACE installation		
	PRH.012[2] **PRH.013**[3]	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	PRH.021[3] **PRH.022**[3]	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

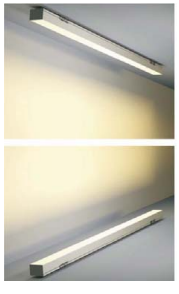
1. Use 2 pcs for lengths up to 130cm. 3 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 130cm. 1,5 pair for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.

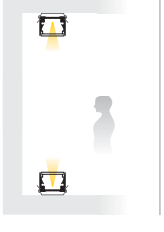
OUTLINER 20

Aluminium Profile

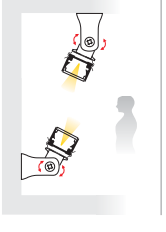
- OUTLINER 20 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.

FIXED installation

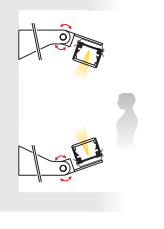




SURFACE installation



WALL BRACKET (Long-Short) installation



PENDANT installation

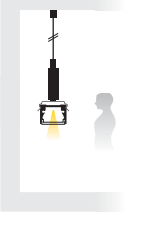


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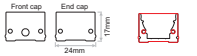
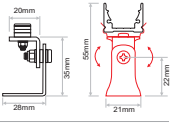
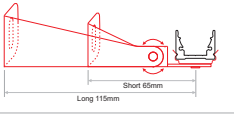
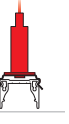
Image	Code	Description	Length	Design-Detail
	PRF.119	OUTLINER 20 alum.prof. / Anodized	2m	
	COV.035 POLYCARBONATE CLEAR COVER **COV.036** POLYCARBONATE MILKY SATIN COVER **COV.037** POLYCARBONATE MICROPRISMATIC COVER		2m 2m 2m	
	CAP.123 FRONT CAP (aluminium) for OUTLINER 20 **CAP.124** END CAP (aluminium) for OUTLINER 20			
	ELA.008[1,4]	STAINLESS STEEL HOLDER for FIXED installation		
	ACC.048[1]	BRACKET for SURFACE installation		
	ACC.284[2] WALL BRACKET LONG (pair) for OUTLINER 20 **ACC.285**[2] WALL BRACKET SHORT (pair) for OUTLINER 20			
	ACC.286[3] CEILING SUSPENSION installation 150cm (per piece) **ACC.287**[3] CEILING SUSPENSION installation 300cm (per piece)			

1. Use 2 pcs for lengths up to 100cm. 3 pcs for lengths up to 150cm. 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 100cm. 1,5 pair for lengths up to 150cm. 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as antislipper for vertical installation. Two ELA.008 must be used for every holding, required for the luminaire installation.

River West Gateway, Athens, Greece
Lighting Design: Matina Magklara
Photo: Gavril Papadakis

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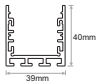
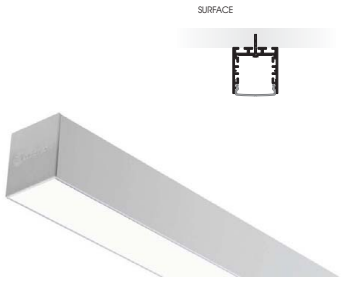
TETRA SLICK

Aluminium Profile

- TETRA SLICK aluminium profile system ideal for linear LED lighting applications.
- Accessories for surface and pendant applications.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.





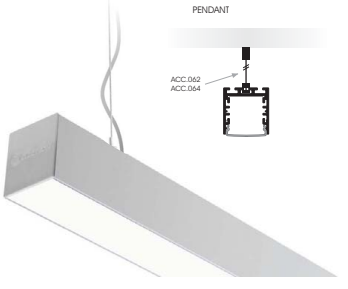


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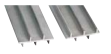
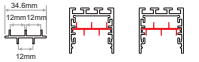
Image	Code	Description	Length	Design-Detail
	PRF.130	TETRA SLICK alum.prof. / Anodized	2m	
	**PRF.030**	DUAL BAND SLIDING BASE	2m	
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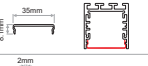
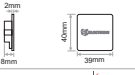
	COV.008 PMMA SATIN COVER **COV.009** PMMA CLEAR COVER **COV.020** PMMA MICROPRISMATIC COVER		2m 2m 2m	
	CAP.092	END CAP		
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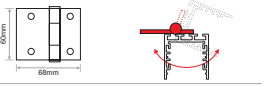
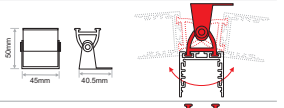
	ACC.070	HINGE		
	ACC.083	ECO BRACKET		
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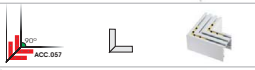
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		

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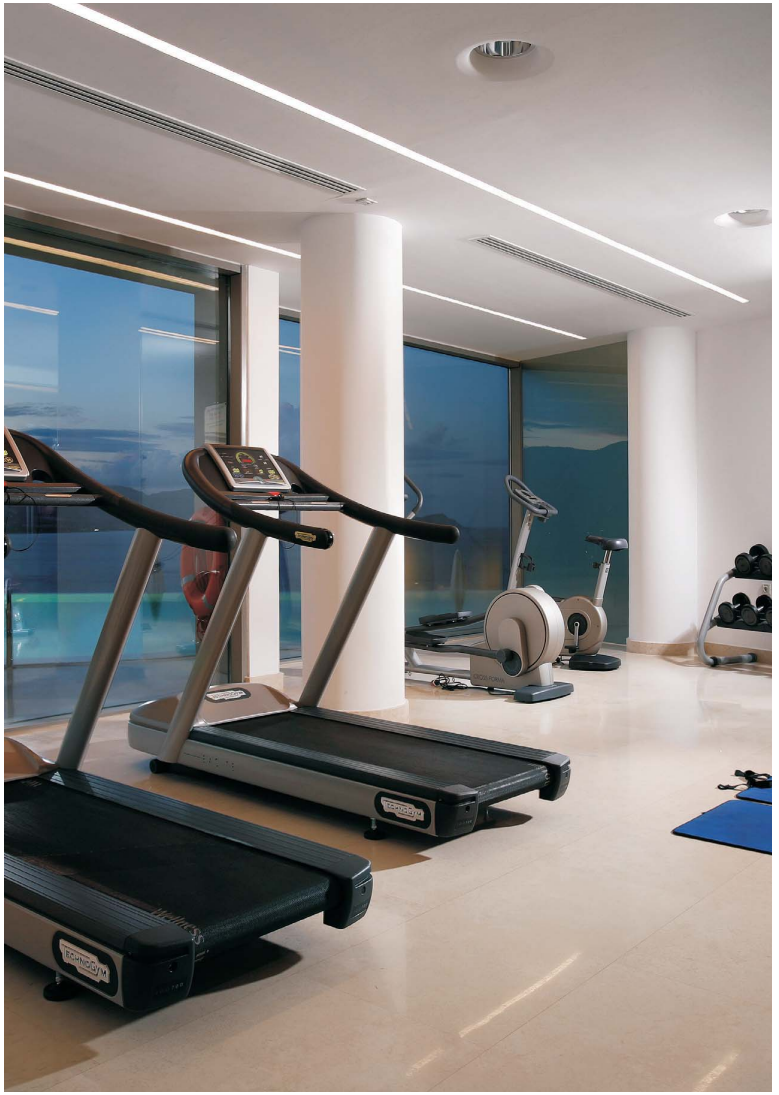
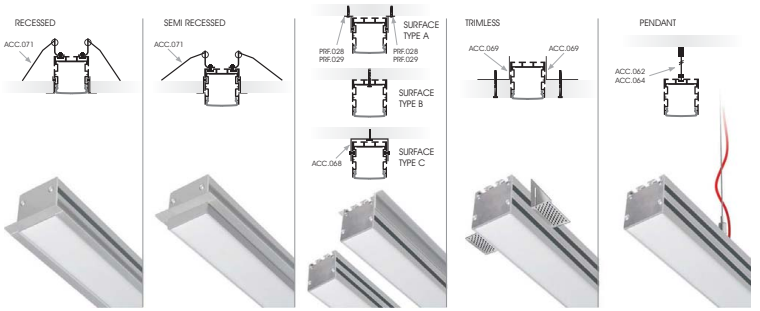


TETRA

Aluminium Profile

- TETRA aluminium profile system ideal for linear LED lighting applications.
- Accessories for surface, semi recessed, recessed, trimless and pendant applications.
- Variety of accessories for different corner and line extensions.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.



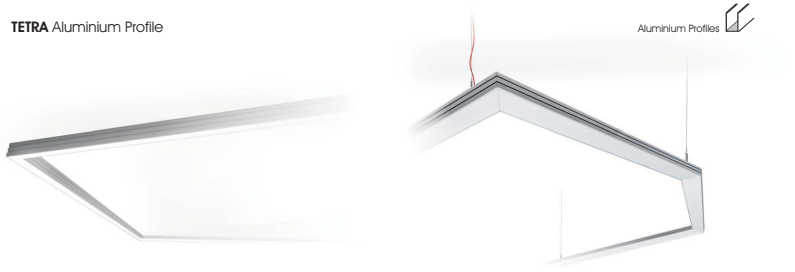


Image	Code	Description	Length	Design-Detail
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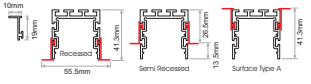
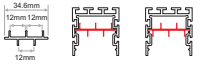
	PRF.028	ANGLE alum.prof. / Anodized	2m	
	PRF.030	DUAL BAND SLIDING BASE	2m	
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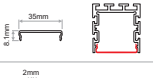
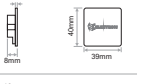
	COV.008 **COV.009** **COV.020**	PMMA SATIN COVER PMMA CLEAR COVER PMMA MICROPRISMATIC COVER	2m 2m 2m	
	CAP.092	END CAP		
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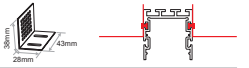
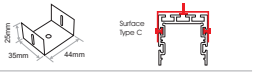
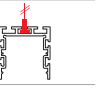
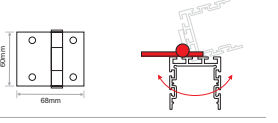
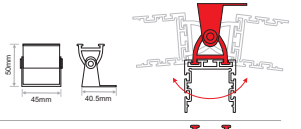
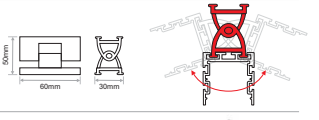
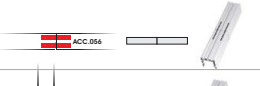
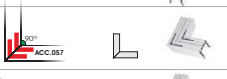
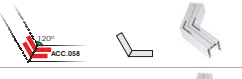
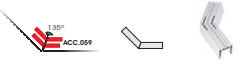
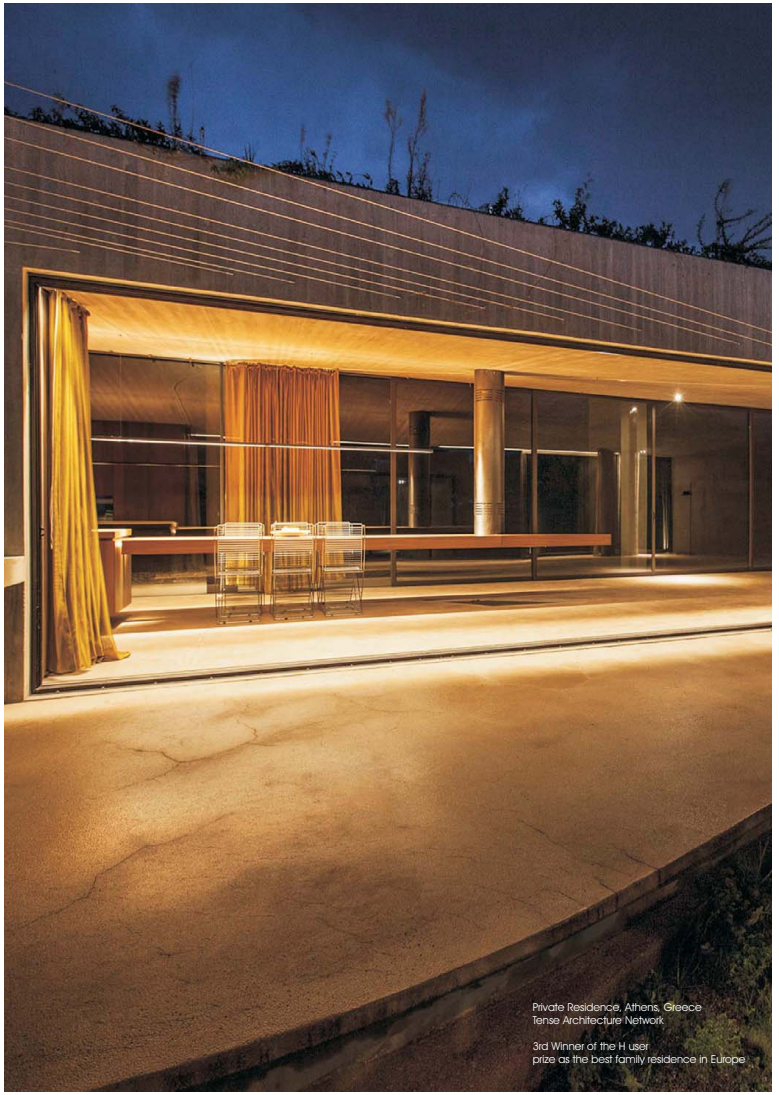
	CAP.052	SEMI RECESSED END CAP		
	ACC.071	RETAINING SPRING		

Image	Code	Description	Design-Detail
	ACC.069	PERFORATED HOLDER FOR PLASTERBOARD	
	ACC.068	CEILING SURFACE HOLDER	
	ACC.062 **ACC.064**	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm	
	ACC.070	HINGE	
	ACC.083	ECO BRACKET	
	ACC.074	180 DEGREE BRACKET	
	ACC.056	EXTENSION LINE	
	ACC.057	90° CORNER EXTENSION	
	ACC.058	60° CORNER EXTENSION	
	ACC.059	45° CORNER EXTENSION	



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TETRA PLUS

Aluminium Profile

- TETRA PLUS aluminium profile system ideal for linear LED lighting applications.
- Accessories for recessed, surface with hinge, surface, trimless and pendant applications.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.

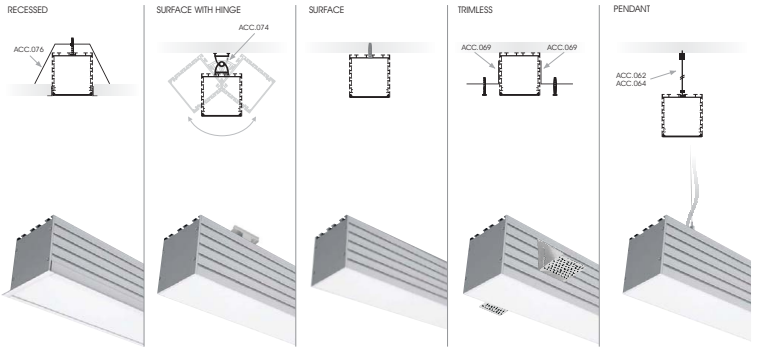
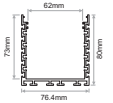
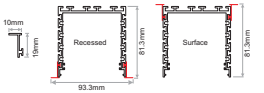
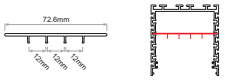
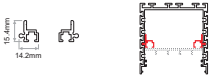
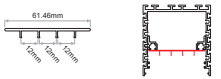
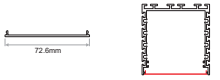
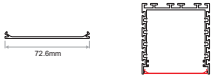


Image	Code	Description	Length	Design-Detail
	PRF.041	TETRA PLUS alum.prof. / Anodized	2m	
	PRF.028	ANGLE alum.prof. / Anodized	2m	
	PRF.047	SLIDING BASE 3-BANK	2m	
	PRF.048	INNER HOLDERS	2m	
	PRF.044	SLIDING BASE 3-BANK INNER	2m	
	PRF.046	ALUMINIUM COVER / Non-Anodized	2m	
	COV.012	POLYCARBONATE SATIN COVER	2m	
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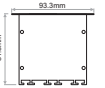
	CAP.081	RECESSED END CAP		

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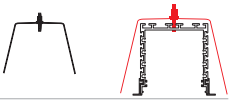
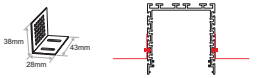
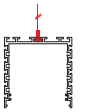
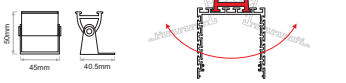
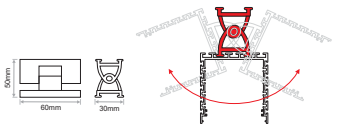
	ACC.076	RECESSED HOLDER	
	ACC.069	PERFORMED HOLDER FOR PLASTERBOARD	
	ACC.062 **ACC.064**	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm	
	ACC.083	ECO BRACKET	
	ACC.074	180 DEGREE BRACKET	
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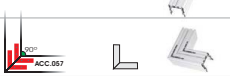
	ACC.057	90° CORNER EXTENSION	
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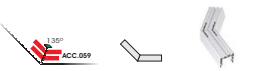
	ACC.059	45° CORNER EXTENSION	

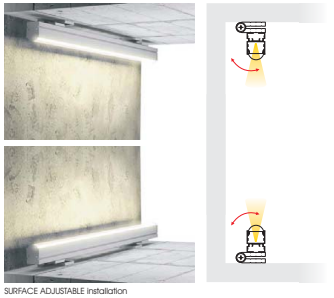
LUMINET

Aluminium Profile

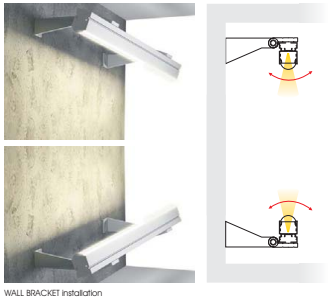
- LUMINET aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Variety of beam angles.
- Multiple mounting options.
- Ideal for wall washing.
- Up to 12mm LED strip width (up to 10mm, at 70°).
- Available also in black, white or different RAL colours upon request.

FIXED Installation

CEILING SUSPENSION Installation



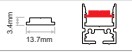
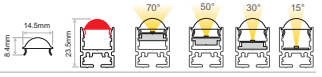
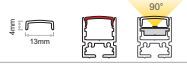
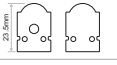
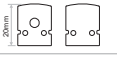
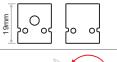
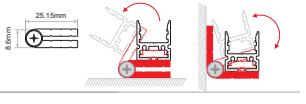
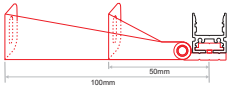
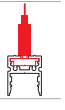
SURFACE ADJUSTABLE installation



WALL BRACKET installation

SURFACE ADJUSTABLE installation

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

Image	Code	Description	Length	Design-Detail
	PRF.116	LUMINET alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER **Note 1:** At 70° only 10mm LED strip width **Note 2:** Ideal for monochromatic LED strip	2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	COV.023 **COV.024** **COV.025** **COV.026** **COV.038**	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	CAP.115 **CAP.116**	FRONT CAP (aluminium) for LUMINET with COV.033 END CAP (aluminium) for LUMINET with COV.033		
	CAP.117 **CAP.118**	FRONT CAP (aluminium) for LUMINET with COV.018-017-007 END CAP (aluminium) for LUMINET with COV.018-017-007		
	CAP.119 **CAP.120**	FRONT CAP (aluminium) for LUMINET with COV.023-024-025-026-038 END CAP (aluminium) for LUMINET with COV.023-024-025-026-038		
	ACC.280	HINGE for SURFACE ADJUSTABLE installation (pair) (adjustable without tools)		
	ACC.281 **ACC.282**	WALL BRACKET 10cm (pair) WALL BRACKET 5cm (pair)		
	ACC.283	EXTENSION LINE for LUMINET		
	ACC.106 **ACC.107**	CEILING SUSPENSION INSTALLATION 150cm (per piece) CEILING SUSPENSION INSTALLATION 300cm (per piece)		
	PRH.001	HOLDER		

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LIGUA 1

Aluminium Profile

- LIGUA 1 aluminium profile is ideal for linear decorative wall application.
- Possibility of creating 90° vertical or 90° horizontal.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.

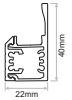
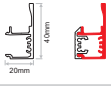
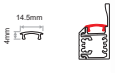
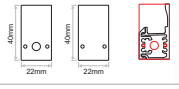
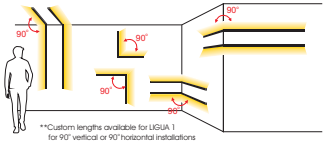
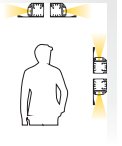


Image	Code	Description	Length	Design-Detail
	PRF.097	LIGUA 1 alum.prof. / Anodized	2m	
	PRF.098	LIGUA 1 mounting alum.prof. / Anodized	2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.111 **CAP.112**	FRONT CAP for LIGUA 1 END CAP for LIGUA 1		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION for PRF.099 and PRF.100		
	ACC.105	90° CORNER EXTENSION for PRF.101 and PRF.102		
PREFABRICATED CORNERS 90° FOR LIGUA 1				
	PRF.099	VERTICAL-O		
	PRF.100	VERTICAL-I		
	PRF.101	HORIZONTAL-N		
	PRF.102	HORIZONTAL-I		



**Custom lengths available for LIGUA 1 for 90° vertical or 90° horizontal installations



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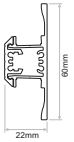
LIGUA 2

Aluminium Profile

- LIGUA 2 aluminium profile is ideal for linear decorative wall application.
- Possibility of creating 90° vertical or 90° horizontal.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.



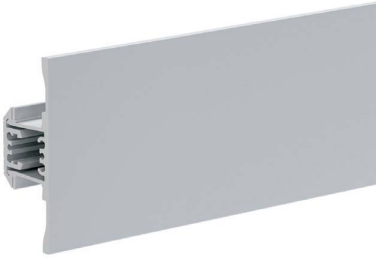
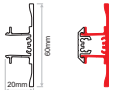
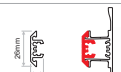
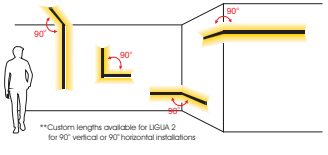
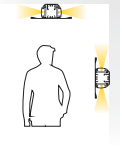


Image	Code	Description	Length	Design-Detail
	PRF.103	LIGUA 2 alum.prof. / Anodized	2m	
	PRF.104	LIGUA 2 mounting alum.prof. / Anodized	2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.113 **CAP.114**	FRONT CAP for LIGUA 2 END CAP for LIGUA 2		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION for PRF.108		
	ACC.105	90° CORNER EXTENSION for PRF.109 and PRF.110		
PREFABRICATED CORNERS 90° FOR LIGUA 2				
	PRF.108	VERTICAL		
	PRF.109	HORIZONTAL-N		
	PRF.110	HORIZONTAL-I		



**Custom lengths available for LIGUA 2 for 90° vertical or 90° horizontal installations



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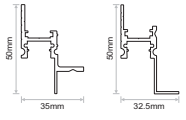
LINART

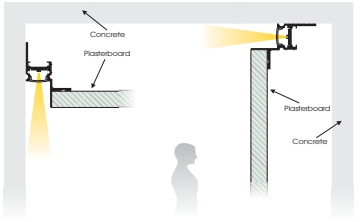
Aluminium Profile

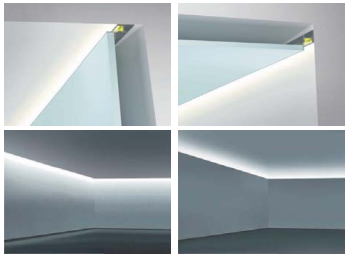
- LINART aluminium profile system ideal for linear LED lighting applications.
- For ceiling and wall installations.
- Variety of accessories for different corner and line extensions.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.



LINART C (Ceiling) LINART W (Wall)

LINART C (Ceiling)





LINART W (Wall)

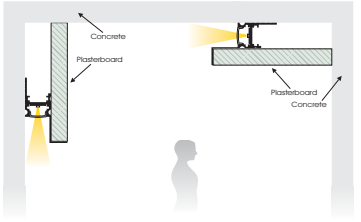
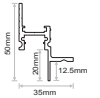
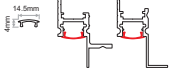
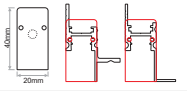
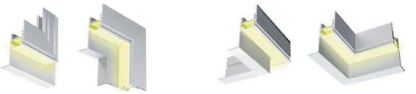


Image	Code	Description	Length	Design-Detail
	PRF.077	LINART C alum.prof. / Anodized	2m	
	PRF.078	LINART W alum.prof. / Anodized	2m	
	COV.018 POLYCARBONATE CLEAR COVER **COV.017** POLYCARBONATE OPAL COVER **COV.007** PMMA FROSTED COVER		2m 2m 2m	
	CAP.107 FRONT CAP for PRF.077/078 **CAP.108** END CAP for PRF.077/078			
	ACC.101	EXTENSION LINE		
	ACC.102	90° CORNER HORIZONTAL EXTENSION		
	ACC.103	90° CORNER VERTICAL EXTENSION for PRF.088/092		
	ACC.104	90° CORNER VERTICAL EXTENSION for PRF.089/093		

PREFABRICATED CORNERS 90°
FOR LINART C (Ceiling)

PRF.088 VERTICAL-O
PRF.089 VERTICAL-I
PRF.090 HORIZONTAL-N
PRF.091 HORIZONTAL-I

PREFABRICATED CORNERS 90°
FOR LINART W (Wall)



PRF.092 VERTICAL-O
PRF.093 VERTICAL-I
PRF.094 HORIZONTAL-N
PRF.095 HORIZONTAL-I

Male Connectors
(with 15cm cables)

CNC.085 Monochrome **CNC.087** Tunable White

CNC.089
RGB set male connectors

CNC.091
RGBW set male connectors

Female connectors
(with 30cm cables)

CNC.086 Monochrome **CNC.088** Tunable White

CNC.090
RGB set female connectors

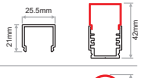
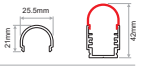
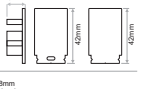
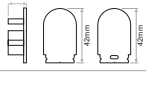
CNC.092
RGBW set female connectors

Mini Junction Boxes
For all available models of mini junction boxes, which can be used with Linart series, please refer to "Cables/ Connectors" section of the catalogue contents.

JOY

Aluminium Profile

- JOY aluminium profile with satin square or satin round cover.
- Accessories for pendant installation.
- Available also in black, white or different RAL colours upon request.

Image	Code	Description	Length	Design-Detail
	PRF.036	JOY alum.prof. / Anodized	2m	
	COV.010	PMMA OPAL SQUARE COVER	2m	
	COV.011	PMMA OPAL ROUND COVER	2m	
	ELA.018	ALUMINIUM SLIDING BASE	2m	
	CAP.083 **CAP.082**	FRONT CAP for JOY with COV.010 END CAP for JOY with COV.010		
	CAP.085 **CAP.084**	FRONT CAP for JOY with COV.011 END CAP for JOY with COV.011		
	ELA.008	STAINLESS STEEL HOLDER		
	ACC.063 **ACC.065**	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm		

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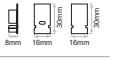
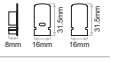
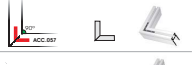
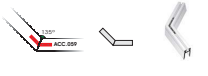
U TYPE

Aluminium Profile

- U TYPE aluminium profile system ideal for linear LED lighting applications.
- Accessories for surface and pendant installations.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.

Image	Code	Description	Length	Design-Detail
	PRF.022	U TYPE alum.prof. / Anodized	2m	
	COV.023 **COV.024** **COV.025** **COV.026** **COV.038**	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.078 **CAP.077**	FRONT CAP for U TYPE with COV.023-024-025-026-038 END CAP for U TYPE with COV.023-024-025-026-038		
	CAP.080 **CAP.079**	FRONT CAP for U TYPE with COV.017-018-007 END CAP for U TYPE with COV.017-018-007		
	PRH.001	HOLDER		
	ACC.062 **ACC.064**	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		

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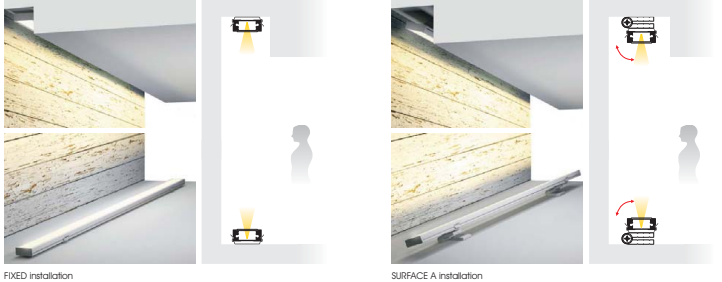
ELECSIA
Aluminium Profile

- ELECSIA aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Multiple mounting options.
- Available also in black, white or different RAL colours upon request.



FIXED installation

SURFACE A installation

SURFACE B installation

SURFACE C installation

WALL BRACKET installation

PENDANT installation

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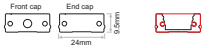
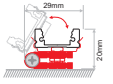
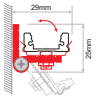
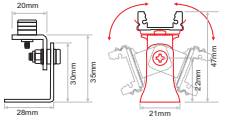
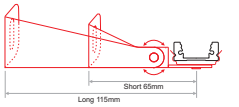
Image	Code	Description	Length	Design-Detail
	PRF.118	ELECSIA alum.prof. / Anodized	2m	
	COV.004 **COV.005** **COV.006**	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	CAP.121 **CAP.122**	FRONT CAP (aluminium) for ELECSIA END CAP (aluminium) for ELECSIA		
	ELA.008[1,4]	STAINLESS STEEL HOLDER		
	ACC.289[2]	HINGE for SURFACE **A** installation (pair) for ELECSIA (adjustable without tools)		
	ACC.290[2]	HINGE for SURFACE **B** installation (pair) for ELECSIA (adjustable without tools)		
	ACC.048[1]	BRACKET for SURFACE **C** installation		
	ACC.284[2] **ACC.285**[2]	WALL BRACKET LONG (pair) for ELECSIA WALL BRACKET SHORT (pair) for ELECSIA		
	ACC.286[3] **ACC.287**[3]	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 110cm. 3 pcs for lengths up to 170cm. 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 110cm. 1,5 pair for lengths up to 170cm. 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as antislipper for vertical installation. Two ELA.008 must be used for every holding, required for the luminaire installation.

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OMEGA

Aluminium Profile

- OMEGA aluminium profile system ideal for linear LED lighting applications.
- Available in milky, milky satin, ruled or transparent cover.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.

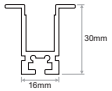
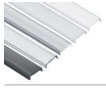
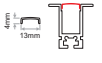
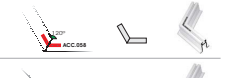
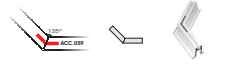


Image	Code	Description	Length	Design-Detail
	PRF.024	OMEGA alum.prof. / Anodized	2m	
	**COV.023** POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	CAP.049	END CAP		
	ACC.055	RETAINING SPRING		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		

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LUNGO

Aluminium Profile

- LUNGO aluminium profile system ideal for linear LED lighting applications.
- Variety of accessories for different corner and line extensions.
- Special design and construction to meet the most demanding lighting designs.

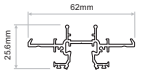
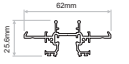
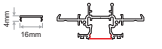
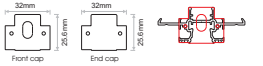
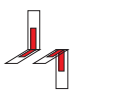


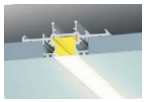
Image	Code	Description	Length	Design-Detail
	PRF.096	LUNGO alum.prof. / Anodized	2m	
	COV.004 PMMA CLEAR COVER **COV.005** PMMA FROSTED COVER **COV.006** PMMA SATIN COVER		2m 2m 2m	
	CAP.109 FRONT CAP for LUNGO **CAP.110** END CAP for LUNGO			
	ACC.101	EXTENSION LINE for LUNGO		
	ACC.102	90° CORNER HORIZONTAL EXTENSION for PRF.113		
	ACC.103	90° CORNER VERTICAL EXTENSION for PRF.111		
	ACC.104	90° CORNER VERTICAL EXTENSION for PRF.112		

PREFABRICATED CORNERS 90° FOR LUNGO

PRF.111
VERTICAL-O

PRF.112
VERTICAL-I

PRF.113
HORIZONTAL



Male Connectors
(with 15cm cables)

CNC.085 Monochrome
CNC.087 Tunable White

CNC.089
RGB set male connectors

CNC.091
RGBW set male connectors

Female connectors
(with 30cm cables)

CNC.086 Monochrome
CNC.088 Tunable White

CNC.090
RGB set female connectors

CNC.092
RGBW set female connectors

Mini Junction Boxes
For all available models of mini junction boxes, which can be used with Linart series, please refer to "Cables/ Connectors" section of the catalogue contents.

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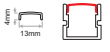
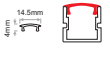
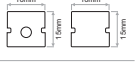
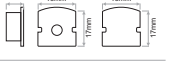
MIDI U

Aluminium Profile

- MIDI U aluminium profile is a linear profile for surface installation.
- Available also in black, white or different RAL colours upon request.

Image	Code	Description	Length	Design-Detail
	PRF.014	MIDI U alum.prof. / Anodized	2m	
	COV.023 POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	COV.018 POLYCARBONATE CLEAR COVER **COV.017** POLYCARBONATE OPAL COVER **COV.007** PMMA FROSTED COVER		2m 2m 2m	
	CAP.061 FRONT CAP for MIDI U with COV.023-024-025-026-038 **CAP.060** END CAP for MIDI U with COV.023-024-025-026-038			
	CAP.072 FRONT CAP for MIDI U with COV.017-018-007 **CAP.071** END CAP for MIDI U with COV.017-018-007			
	PRH.001	HOLDER		

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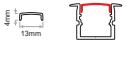
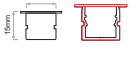
MIDI U Recessed

Aluminium Profile

- MIDI U Recessed aluminium profile for linear LED lighting.
- Available also in black, white or different RAL colours upon request.

Image	Code	Description	Length	Design-Detail
	PRF.134	MIDI U RECESSED alum.prof. / Anodized	2m	
	COV.023 POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	CAP.143	END CAP for MIDI U RECESSED with COV.023-024-025-026-038		

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MINI U
Aluminium Profile

- MINI U aluminium profile has extra low depth and is suitable for surface installation.
- Available also in black, white or different RAL colours upon request.

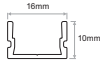


Image	Code	Description	Length	Design-Detail
	PRF.132	MINI U alum.prof. / Anodized	2m	
	COV.023 POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	CAP.141	END CAP for MINI U with COV.023-024-025-026-038		
	PRH.001	HOLDER		

MINI U RECESSED
Aluminium Profile

- MINI U RESECCED aluminium profile has extra low depth and is ideal for furniture.
- Available also in black, white or different RAL colours upon request.

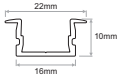


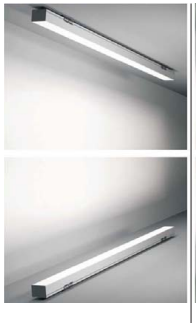
Image	Code	Description	Length	Design-Detail
	PRF.133	MINI U RECESSED alum.prof. / Anodized	2m	
	COV.023 POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	CAP.142	END CAP for MINI U RECESSED with COV.023-024-025-026-038		
	PRH.001	HOLDER		

ELITE

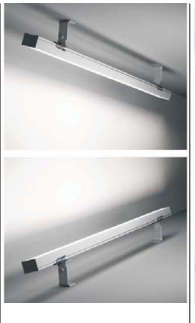
Aluminium Profile

- ELITE aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Multiple mounting options.
- Suitable for waterproof LED strips up to 15mm width.
- Available also in black, white or different RAL colours upon request.

FIXED installation

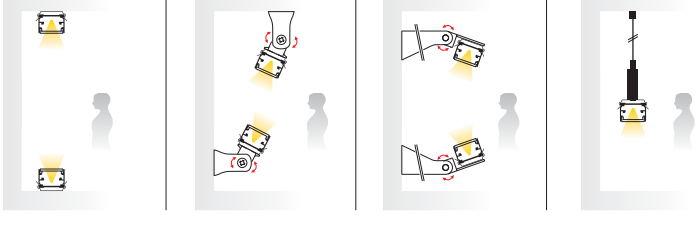


SURFACE installation



WALL BRACKET (Long-Short) installation

PENDANT installation



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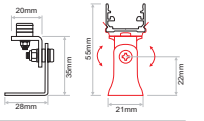
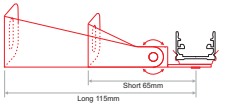
Suitable for waterproof LED strips up to 15mm width.

Image	Code	Description	Length	Design-Detail
	PRF.135	ELITE alum.prof. / Anodized	2m	
	COV.035 **COV.036** **COV.037**	POLYCARBONATE CLEAR COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE MICROPRISMATIC COVER	2m 2m 2m	
	CAP.144	END CAP		
	ELA.008[1,4]	STAINLESS STEEL HOLDER for FIXED installation		
	ACC.048[1]	BRACKET for SURFACE installation		
	ACC.284[2] **ACC.285**[2]	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	ACC.286[3] **ACC.287**[3]	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 100cm. 3 pcs for lengths up to 150cm. 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 100cm. 1,5 pair for lengths up to 150cm. 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as antislipper for vertical installation. Two ELA.008 must be used for every holding, required for the luminaire installation.

ELECSYS
Aluminium Profile

- ELECSYS aluminium profile available with different covers: Transparent ,Ruled and Milky.

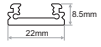
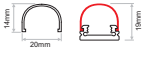
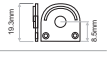
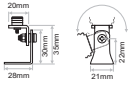
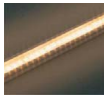


Image	Code	Description	Length	Design-Detail
	ELA.001	ELECSYS alum.prof. / Anodized	2m	
	ELA.002 **ELA.003** **ELA.004**	POLYCARBONATE CLEAR COVER POLYCARBONATE RULED COVER POLYCARBONATE MILKY COVER	2m 2m 2m	
	ELA.006	BIG END CAP for ELECSYS with ELA.002-003-004		
	ELA.007	SMALL END CAP		
	ELA.008	STAINLESS STEEL HOLDER		
	ACC.048	BRACKET		



SHALLOW
Aluminium Profile

- SHALLOW aluminium profile ideal solution for low depth applications.
- Available with transparent, milky, milky satin or ruled cover.

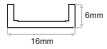
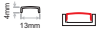
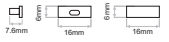
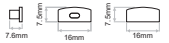
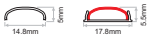


Image	Code	Description	Length	Design-Detail
	PRF.010 **PRF.011**	SHALLOW alum.prof. / Anodized SHALLOW alum.prof. / Non-Anodized	**2m** **2m**	
	COV.023 **COV.024** **COV.025** **COV.026** **COV.038**	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.036 **CAP.035**	FRONT CAP for SHALLOW with COV.023-024-025-026-038 END CAP for SHALLOW with COV.023-024-025-026-038		
	CAP.068 **CAP.067**	FRONT CAP for SHALLOW with COV.017-018-007 END CAP for SHALLOW with COV.017-018-007		
	PRH.001	HOLDER		

BENDABLE

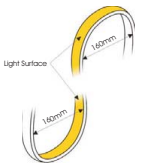
Aluminium Profile

- BENDABLE aluminium profile ideal for curved LED lighting applications.
- Special design and construction to meet demanding lighting designs.

Image	Code	Description	Length	Design-Detail
	PRF.076	BENDABLE alum.prof. / Anodized	2m	
	COV.031 **COV.032**	POLYCARBONATE MILKY COVER POLYCARBONATE CLEAR COVER	2m 2m	
	CAP.105	END CAP for BENDABLE		
	CAP.106	FRONT CAP for BENDABLE		
	PRH.003	HOLDER clips		

FRAGILE
Only Bend Vertically

Do not bend smaller than allowed minimum bend diameter.



TINY

Aluminium Profile

- TINY aluminium profile is the thinner available aluminium profile.

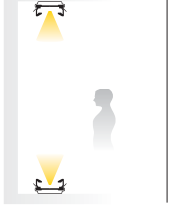
Image	Code	Description	Length	Design-Detail
	PRF.056	TINY alum.prof. / Anodized	2m	
	COV.013 **COV.014**	POLYCARBONATE OPAL COVER POLYCARBONATE CLEAR COVER	2m 2m	
	CAP.146	END CAP for TINY	2m	
	ACC.158	3M ADHESIVE TAPE FOR TINY PROFILE	1m	

NEST XL

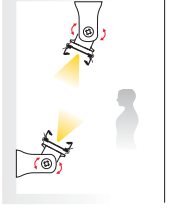
Aluminium Profile

- NEST XL aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Multiple mounting options.
- Ideal for waterproof LED strips up to 15mm width.

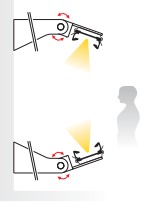
FIXED installation



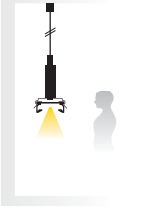
SURFACE installation



WALL BRACKET (Long-Short) installation



PENDANT installation



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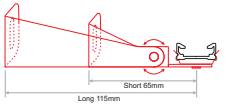
Ideal for waterproof LED strips up to 15mm width.

Image	Code	Description	Length	Design-Detail
	PRF.136	NEST XL alum.prof. / Anodized	2m	
	ELA.008[1,4]	STAINLESS STEEL HOLDER for FIXED installation		
	ACC.048[1]	BRACKET for SURFACE installation		
	ACC.284[2] **ACC.285**[2]	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	ACC.286[3] **ACC.287**[3]	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 110cm. 3 pcs for lengths up to 170cm. 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 110cm. 1,5 pair for lengths up to 170cm. 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as antislipper for vertical installation. Two ELA.008 must be used for every holding, required for the luminaire installation.

NEST

Aluminium Profiles
Aluminium Profile

- NEST aluminium profile is the perfect solution for waterproof strips due to its special construction.
- It ensures a safe installation that does not allow the strip to fall over.

Image	Code	Description	Length	Design-Detail
	PRF.043	NEST alum.prof. / Anodized	2m	
	PRH.001	HOLDER		

Aluminium Profiles
Aluminium Profile

CORNISE

- CORNISE aluminium profile ideal for cove & frame lighting.
- Suitable for use on walls or ceilings.
- Special design for homogeneous lighting.
- Available also in RAL colours upon request.

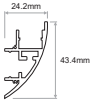
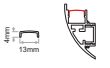
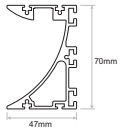


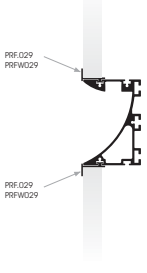
Image	Code	Description	Length	Design-Detail
	PRF.057	CORNISE alum.prof. / Anodized	2m	
	PRFW057	CORNISE alum.prof. / White painted	2m	
	PRF.058	BASE PROFILE	2m	
	COV.023	POLYCARBONATE MILKY COVER	2m	
	COV.024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.025	POLYCARBONATE RULED COVER	2m	
	COV.026	POLYCARBONATE CLEAR COVER	2m	
	COV.038	POLYCARBONATE BLACK SATIN COVER	2m	
	COV.018	POLYCARBONATE CLEAR COVER	2m	
	COV.017	POLYCARBONATE OPAL COVER	2m	
	COV.007	PMMA FROSTED COVER	2m	
	CAP.095	END CAP / Anodized		
	CAPW095	END CAP / White painted		

ARC
Aluminium Profile

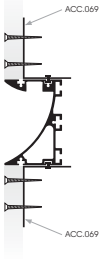
- ARC aluminium profile ideal for concealed lighting.
- Gives depth into a space.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in RAL colours upon request.

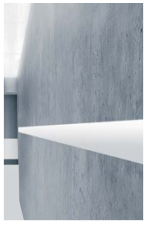


Recessed



Trimless





ARC Recessed

ARC Trimless

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Image	Code	Description	Length	Design-Detail
	PRF.038 **PRFW038**	ARC alum.prof. / Non-Anodized ARC alum.prof. / White Painted	2m 2m	
	PRF.029 **PRFW029**	ANGLE alum.prof. / Non-Anodized ANGLE alum.prof. / White Painted	2m 2m	
	COV.023 **COV.024** **COV.025** **COV.026** **COV.038**	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.062 **CAPW062**	END CAP / Non-Anodized END CAP / White Painted		
	CAP.063 **CAPW063**	RECESSED END CAP / Non-Anodized RECESSED END CAP / White Painted		
	CAP.069	BASE CAP		
	ACC.069	PERFORATED HOLDER FOR PLASTERBOARD		
	ACC.071	RETAINING SPRING		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		

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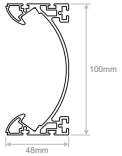
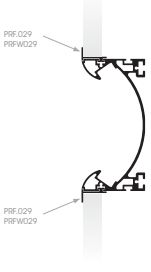
ARC 2

Aluminium Profile

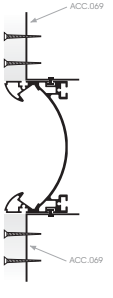
- ARC 2 aluminium profile with double strip installation.
- Gives depth into a space.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in RAL colours upon request.



Recessed

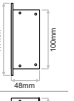
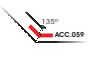


Trimless



ARC 2 Recessed

ARC 2 Trimless

Image	Code	Description	Length	Design-Detail
	PRF.039	ARC2 alum.prof. / Non-Anodized	2m	
	PRFW039	ARC2 alum.prof. / White Painted	2m	
	PRF.029	ANGLE alum.prof. / Non-Anodized	2m	
	PRFW029	ANGLE alum.prof. / White Painted	2m	
	COV.023	POLYCARBONATE MILKY COVER	2m	
	COV.024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.025	POLYCARBONATE RULED COVER	2m	
	COV.026	POLYCARBONATE CLEAR COVER	2m	
	COV.038	POLYCARBONATE BLACK SATIN COVER	2m	
	COV.018	POLYCARBONATE CLEAR COVER	2m	
	COV.017	POLYCARBONATE OPAL COVER	2m	
	COV.007	PMMA FROSTED COVER	2m	
	CAP.064	END CAP / Non-Anodized		
	CAPW064	END CAP / White Painted		
	CAP.065	RECESSED END CAP / Non-Anodized		
	CAPW065	RECESSED END CAP / White Painted		
	CAP.070	BASE CAP		
	ACC.069	PERFORATED HOLDER FOR PLASTERBOARD		
	ACC.071	RETAINING SPRING		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		

ARC 3

Aluminium Profile

- ARC3 aluminium profile ideal for concealed lighting.
- Gives depth into a space.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in RAL colours upon request.

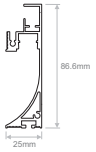
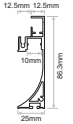
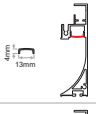
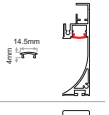
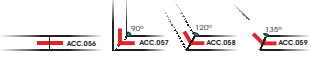
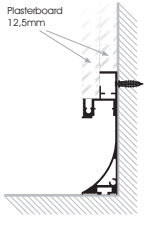
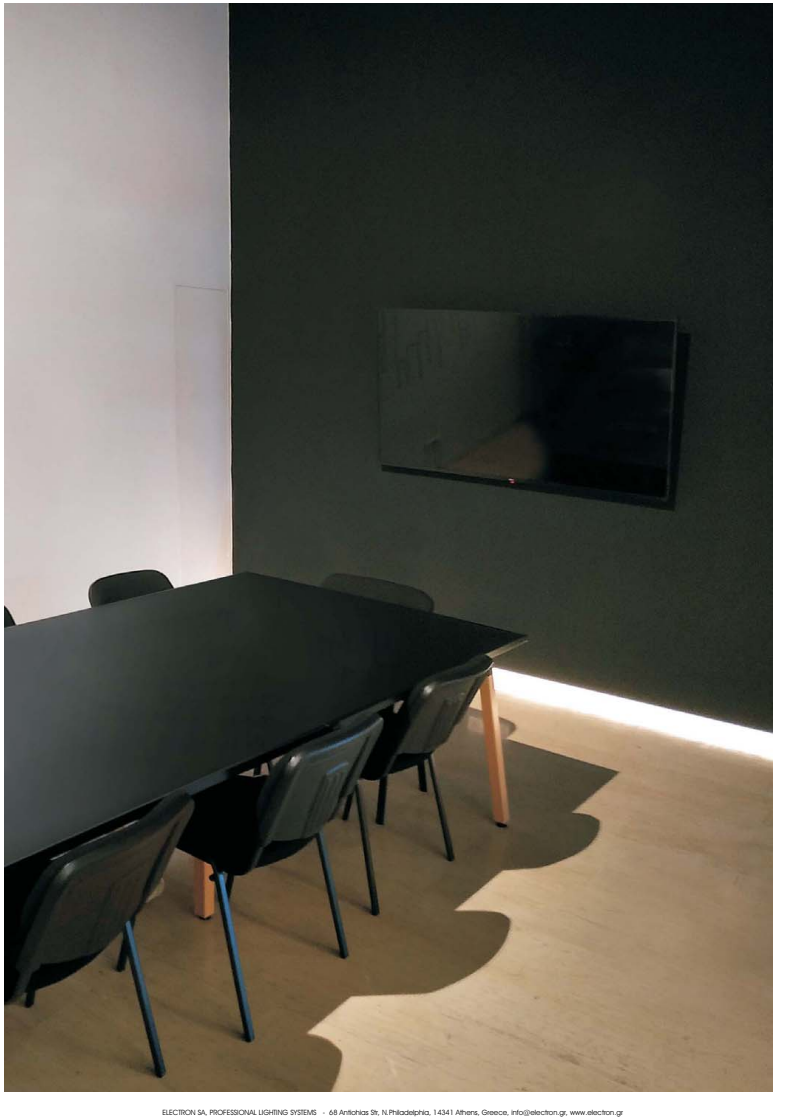


Image	Code	Description	Length	Design-Detail
	PRF.051 **PRFW051**	ARC3 alum.prof. / Non-Anodized ARC3 alum.prof. / White Painted	2m 2m	
	COV.023 **COV.024** **COV.025** **COV.026** **COV.038**	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.093 **CAPW093**	END CAP / Non-Anodized END CAP / White Painted		
	ACC.056 **ACC.057** **ACC.058** **ACC.059**	EXTENSION LINE 90° CORNER EXTENSION 60° CORNER EXTENSION 45° CORNER EXTENSION		







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INGRA

Aluminium Profile

- INGRA aluminium profile with milky or transparent cover.
- Special design and construction to meet the most demanding lighting designs.

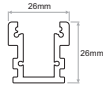
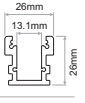
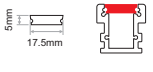
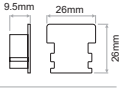
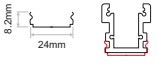
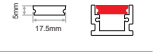
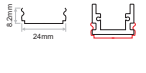


Image	Code	Description	Length	Design-Detail
	PRF.013	INGRA alum.prof. / Non-Anodized	2m	
	COV.021 **COV.029**	POLYCARBONATE MILKY COVER POLYCARBONATE CLEAR COVER	2m 2m	
	CAP.073	END CAP		
	ELA.008	STAINLESS STEEL HOLDER		

INGRA MINI

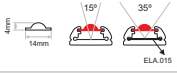
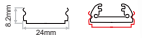
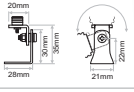
Aluminium Profile

- INGRA MINI aluminium profile with milky or transparent cover.
- Special design and construction to meet the most demanding lighting designs.

Image	Code	Description	Length	Design-Detail
	PRF.114 **PRF.040**	INGRA MINI alum.prof. / Anodized INGRA MINI alum.prof. / Non-Anodized	2m 2m	
	COV.021 **COV.029**	POLYCARBONATE MILKY COVER POLYCARBONATE CLEAR COVER	2m 2m	
	CAP.066	END CAP		
	ELA.008	STAINLESS STEEL HOLDER		

ARTBAR
Aluminium Profile

- ARTBAR aluminium profile ideal for wall washing / concealed lighting / decorative lighting / lighting behind plexiglass.
- Adjustable brackets.
- Available with 15° or 35° linear lens.

Image	Code	Description	Length	Design-Detail
	ELA.011	ARTBAR alum.prof. / Anodized	2m	
	LNS.010	LENS 15°/35°	2m	
	ELA.015	ALUMINIUM SLIDING BASE	2m	
	CAP.075	END CAP		
	CAP.076	FRONT CAP		
	ELA.008	STAINLESS STEEL HOLDER		
	ACC.048	BRACKET		

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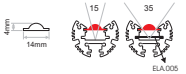
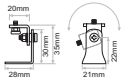
ARTTUBE
Aluminium Profile

- ARTTUBE aluminium profile ideal for decorative lighting.
- Adjustable brackets.
- Available with 15° or 35° linear lens or covers.
- Accessories for pendant installations.

Image	Code	Description	Length	Design-Detail
	ELA.014	ARTTUBE alum.prof. / Anodized	2m	
	LNS.010	LENS 15°/35°	2m	
	ELA.005	ALUMINIUM SLIDING BASE	1m	
	COV.027 **COV.028**	POLYCARBONATE MILKY SATIN COVER POLYCARBONATE CLEAR COVER	2m 2m	
	CAP.047	END CAP		
	ACC.049	ARTTUBE BRACKET		
	ACC.063 **ACC.065**	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm		

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CORNER II

Aluminium Profile

- CORNER II aluminium profile ideal for installation in corners.
- Available with clear, frosted or milky satin cover.
- Available also in black, white or different RAL colours upon request.

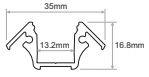
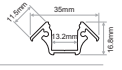
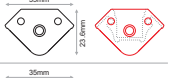
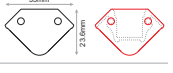
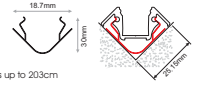


Image	Code	Description	Length	Design-Detail
	PRF.137	CORNER II alum.prof. / Anodized	2m	
	COV.004 **COV.005** **COV.006**	PMMA CLEAR COVER PMMA FROSTED COVER PMMA MILKY SATIN COVER	2m 2m 2m	
	CAP.147	FRONT CAP		
	CAP.148	END CAP		
	PRH.005	STAINLESS STEEL HOLDER Note: Use 2pcs up to 103cm, 3pcs up to 153cm & 4pcs up to 203cm		

CORNER 45

Aluminium Profile

- CORNER 45 aluminium profile ideal for installation in corners.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in black, white or different RAL colours upon request.

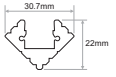
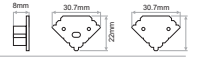
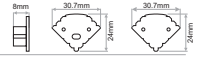


Image	Code	Description	Length	Design-Detail
	PRF.034	CORNER 45 alum.prof. / Anodized	2m	
	COV.023 **COV.024** **COV.025** **COV.026** **COV.038**	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.087 **CAP.086**	FRONT CAP for CORNER 45 with COV.023-024-025-026-038 END CAP for CORNER 45 with COV.023-024-025-026-038		
	CAP.089 **CAP.088**	FRONT CAP for CORNER 45 with COV.017-018-007 END CAP for CORNER 45 with COV.017-018-007		
	ELA.008	STAINLESS STEEL HOLDER		

V TYPE

Aluminium Profile

Aluminium Profiles

- V TYPE aluminium profile ideal for surface or recessed applications.
- Available with transparent, milky, milky satin or ruled cover.
- 45 degrees installation.
- Available also in black, white or different RAL colours upon request.

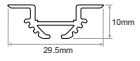
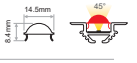


Image	Code	Description	Length	Design-Detail
	PRF.020	V TYPE alum.prof. / Anodized	2m	
	COV.023 POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	COV.018 POLYCARBONATE CLEAR COVER **COV.017** POLYCARBONATE OPAL COVER **COV.007** PMMA FROSTED COVER		2m 2m 2m	
	COV.033	PMMA LENS COVER 45° **Note:** Ideal for monochromatic & RGBW LED strip	2m	
	CAP.090 END CAP for V TYPE with COV.023-024-025-026-038 **CAP.091** FRONT CAP for V TYPE with COV.023-024-025-026-038			
	CAP.043 END CAP for V TYPE with COV.017-018-007 **CAP.044** FRONT CAP for V TYPE with COV.017-018-007			

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Aluminium Profiles

CORNER ECO

Aluminium Profile

- CORNER ECO aluminium profile suitable for low cost installation in corners.
- Available with milky cover.

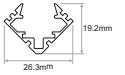
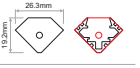


Image	Code	Description	Length	Design-Detail
	PRF.160	CORNER ECO alum.prof. / Anodized	2m	
	COV.051	MILKY COVER for CORNER ECO	2m	
	CAP.150	CAP for CORNER ECO		
	ACC.370	STAINLESS STEEL HOLDER		

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STAIR DUE

Aluminium Profile

- STAIR DUE aluminium profiles with double light emittance for illuminating stairs.
- The special position of the LEDs in the upper part guarantees a glare free illumination without having the LEDs visible even with transparent cover.

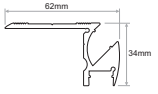
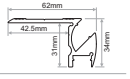
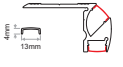
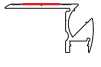
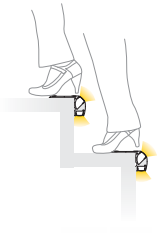
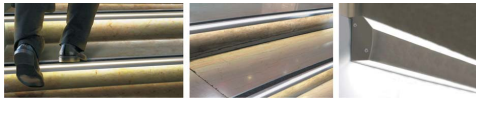
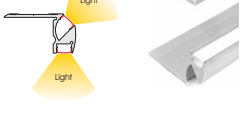


Image	Code	Description	Length	Design-Detail
	PRF.031	STAIR DUE alum.prof. / Anodized	2m	
	PRF.032	STAIR DUE alum.prof. / BLACK Anodized	2m	
	COV.023	POLYCARBONATE MILKY COVER	2m	
	COV.024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.025	POLYCARBONATE RULED COVER	2m	
	COV.026	POLYCARBONATE CLEAR COVER	2m	
	COV.038	POLYCARBONATE BLACK SATIN COVER	2m	
	CAP.053	END CAP for PRF.031 / Anodized		
	CAP.055	END CAP for PRF.032 / BLACK Anodized		
	CAP.154	FRONT CAP for PRF.031 / Anodized		
	CAP.155	FRONT CAP for PRF.032 / BLACK Anodized		
	ACC.066	'3M' SAFETY WALK BLACK available per reel of 18meters or per meter for PRF.031/032/033		







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TRIMLESS ECO

Aluminium Profile

- TRIMLESS ECO aluminium profile suitable for low cost installations.
- Available with milky cover.

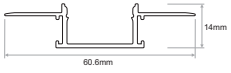
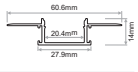
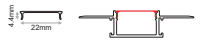
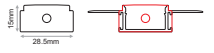
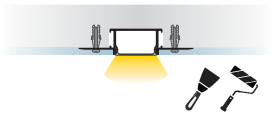


Image	Code	Description	Length	Design-Detail
	PRF.161	TRIMLESS ECO alum.prof. / Anodized	2m	
	COV.052	MILKY COVER for TRIMLESS ECO	2m	
	CAP.151	CAP for TRIMLESS ECO		



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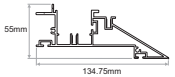
MANDI

Aluminium Profile

- MANDI aluminium profile system
- Corner and line extensions available.



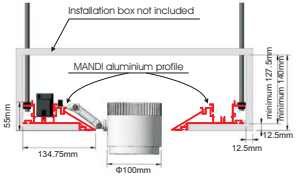
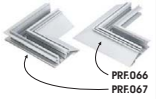
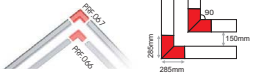
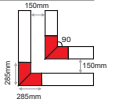
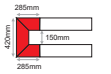
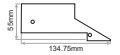
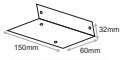
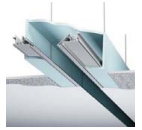
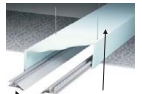
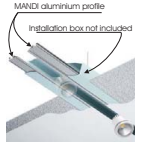


Image	Code	Description	Length	Design-Detail
	PRF.055 **PRF.064** **PRF.059**	MANDI alum.prof. / Anodized MANDI alum.prof. / Anodized Black MANDI alum.prof. / Non-Anodized	2m 2m 2m	
	**PRF.066** **PRF.067**	MANDI CORNER INTERNAL SET 90° BLACK MANDI CORNER EXTERNAL SET 90° BLACK		 
	PRF.068	MANDI CORNER U TYPE SET BLACK		
	CAP.100	END CAP		
	ACC.100	BASE FOR LED DRIVER		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.084	90° CORNER SIDE EXTENSION		







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ELECTRON

FLEXIBLE LEDS

ELECTRON

PRIME SERIES HE 84LED/m 21W/m CRI80+

Flexible LEDs

Prime series high efficacy is the finest series of LED strips, produced with NICHIA LEDs offered with 3 step MacAdam as standard. The series has an excellent lumen efficacy that reaches up to 160lm/W. It can ideally be used with the appropriate aluminium profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluethooth

L90/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY NICHIA

L90/B10 50000h | 3 Step MacAdam | 80+ CRI | up to160 lm/W | 24VDC | 5 years Warranty

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIVH329	84	21W	5	2000K / 80+	2795	24VDC	120°	83.33	IP20
TIVH330	84	21W	5	2500K / 80+	2795	24VDC	120°	83.33	IP20
TIVH339	84	21W	5	2700K / 80+	3065	24VDC	120°	83.33	IP20
TIVH343	84	21W	5	3000K / 80+	3160	24VDC	120°	83.33	IP20
TIVH347	84	21W	5	4000K / 80+	3250	24VDC	120°	83.33	IP20
TIVH351	84	21W	5	5700K / 80+	3345	24VDC	120°	83.33	IP20
IP65									
TIVH331	84	21W	5	2000K / 80+	2740	24VDC	120°	83.33	IP65
TIVH332	84	21W	5	2500K / 80+	2740	24VDC	120°	83.33	IP65
TIVH340	84	21W	5	2700K / 80+	3005	24VDC	120°	83.33	IP65
TIVH344	84	21W	5	3000K / 80+	3095	24VDC	120°	83.33	IP65
TIVH348	84	21W	5	4000K / 80+	3185	24VDC	120°	83.33	IP65
TIVH352	84	21W	5	5700K / 80+	3280	24VDC	120°	83.33	IP65

*Please confirm the connection points on the modules.
**Available in IP66 upon request.

ELECTRON

Flexible LEDs

PRIME SERIES 84LED/m 21W/m CRI80+

Prime series is the finest series of LED strips, produced with NICHIA LEDs offered with 3 step MacAdam as standard. The series is offered also at low CCTs: 2000K and 2500K besides the standard CCTs. The series has an excellent lumen efficacy that reaches up to 138lm/W. It can ideally be used with the appropriate aluminium profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluethooth

L90/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY NICHIA

L90/B10 50000h | 3 Step MacAdam | 80+ CRI | up to138 lm/W | 24VDC | 5 years Warranty

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.329	84	21W	5	2000K / 80+	1912	24VDC	120°	83.33	IP20
TIV.330	84	21W	5	2500K / 80+	2039	24VDC	120°	83.33	IP20
TIV.339	84	21W	5	2700K / 80+	2467	24VDC	120°	83.33	IP20
TIV.343	84	21W	5	3000K / 80+	2550	24VDC	120°	83.33	IP20
TIV.347	84	21W	5	4000K / 80+	2829	24VDC	120°	83.33	IP20
TIV.351	84	21W	5	5700K / 80+	2907	24VDC	120°	83.33	IP20
IP65									
TIV.331	84	21W	5	2000K / 80+	1897	24VDC	120°	83.33	IP65
TIV.332	84	21W	5	2500K / 80+	2003	24VDC	120°	83.33	IP65
TIV.340	84	21W	5	2700K / 80+	2420	24VDC	120°	83.33	IP65
TIV.344	84	21W	5	3000K / 80+	2520	24VDC	120°	83.33	IP65
TIV.348	84	21W	5	4000K / 80+	2805	24VDC	120°	83.33	IP65
TIV.352	84	21W	5	5700K / 80+	2880	24VDC	120°	83.33	IP65

*Please confirm the connection points on the modules.
**Available in IP66 upon request.

ELECTRON

PRIME SERIES 48LED/m 10.5W/m CRI80+

Flexible LEDs

Prime Series is the finest series in the LED strips range produced with Nichia LEDs.
It can ideally be used with the appropriate aluminium profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluethooth

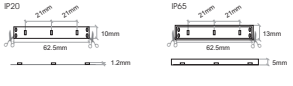
L90/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY NICHIA

L90/B10 50000h | 3 Step MacAdam | 80+ CRI | up to90 lm/W | 12VDC | 5 years Warranty

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate
IP20									
TIV.308	48	10.5W	5	2700K / 80+	775	12VDC	120°	62.5	IP20
TIV.311	48	10.5W	5	5600K / 80+	950	12VDC	120°	62.5	IP20
IP65									
TIV.314	48	10.5W	5	4000K / 80+	875	12VDC	120°	62.5	IP65
TIV.315	48	10.5W	5	5600K / 80+	950	12VDC	120°	62.5	IP65

*Please confirm the connection points on the modules.



ELECTRON

Flexible LEDs

PRIME SERIES 42LED/m 10W/m CRI80+

Prime series is the finest series of LED strips, produced with NICHIA LEDs offered with 3 step MacAdam as standard. The series is offered also at low CCTs: 2000K and 2500K besides the standard CCTs. The series has an excellent lumen efficacy that reaches up to 137lm/W. It can ideally be used with the appropriate aluminium profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

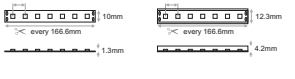
L90/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY NICHIA

L90/B10 50000h | 3 Step MacAdam | 80+ CRI | up to137 lm/W | 24VDC | 5 years Warranty

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.333	42	10.5W	5	2000K / 80+	968	24VDC	120°	166.6	IP20
TIV.334	42	10.5W	5	2500K / 80+	1049	24VDC	120°	166.6	IP20
TIV.341	42	10.5W	5	2700K / 80+	1244	24VDC	120°	166.6	IP20
TIV.345	42	10.5W	5	3000K / 80+	1260	24VDC	120°	166.6	IP20
TIV.349	42	10.5W	5	4000K / 80+	1395	24VDC	120°	166.6	IP20
TIV.353	42	10.5W	5	5700K / 80+	1440	24VDC	120°	166.6	IP20
IP65									
TIV.335	42	10.5W	5	2000K / 80+	955	24VDC	120°	166.6	IP65
TIV.336	42	10.5W	5	2500K / 80+	1021	24VDC	120°	166.6	IP65
TIV.342	42	10.5W	5	2700K / 80+	1230	24VDC	120°	166.6	IP65
TIV.346	42	10.5W	5	3000K / 80+	1245	24VDC	120°	166.6	IP65
TIV.350	42	10.5W	5	4000K / 80+	1380	24VDC	120°	166.6	IP65
TIV.354	42	10.5W	5	5700K / 80+	1420	24VDC	120°	166.6	IP65

*Please confirm the connection points on the modules.
**Available in IP66 upon request.



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Akasha Beach Hotel & Spa, Crete, Greece
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SUPREME SERIES 168LED/m 20W CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 148lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 80+ CRI | 127-148 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.418	168	20W	5	2700K / 80+	2665	24VDC	120°	41.67	IP20
TIV.419	168	20W	5	3000K / 80+	2715	24VDC	120°	41.67	IP20
TIV.420	168	20W	5	4000K / 80+	2880	24VDC	120°	41.67	IP20
TIV.421	168	20W	5	5700K / 80+	2950	24VDC	120°	41.67	IP20
IP65									
TIV.426	168	20W	5	2700K / 80+	2530	24VDC	120°	41.67	IP65
TIV.427	168	20W	5	3000K / 80+	2575	24VDC	120°	41.67	IP65
TIV.428	168	20W	5	4000K / 80+	2730	24VDC	120°	41.67	IP65
TIV.429	168	20W	5	5700K / 80+	2800	24VDC	120°	41.67	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

ELECTRON

Flexible LEDs

SUPREME SERIES 168LED/m 20W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 126lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 90+ CRI | 108-126 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.422	168	20W	5	2700K / 90+	2260	24VDC	120°	41.67	IP20
TIV.423	168	20W	5	3000K / 90+	2328	24VDC	120°	41.67	IP20
TIV.424	168	20W	5	4000K / 90+	2445	24VDC	120°	41.67	IP20
TIV.425	168	20W	5	5700K / 90+	2504	24VDC	120°	41.67	IP20
IP65									
TIV.430	168	20W	5	2700K / 90+	2145	24VDC	120°	41.67	IP65
TIV.431	168	20W	5	3000K / 90+	2210	24VDC	120°	41.67	IP65
TIV.432	168	20W	5	4000K / 90+	2320	24VDC	120°	41.67	IP65
TIV.433	168	20W	5	5700K / 90+	2376	24VDC	120°	41.67	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

ELECTRON

TUNABLE WHITE 168LED/m 20W CRI80

Flexible LEDs

Tunable White strip is produced with Samsung LEDs. It is offered with 2700K & 5700K LEDs to create a unique CCT in a space. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

TUNABLE WHITE
2700K——5700K

LIGHTSOURCE BY SAMSUNG

TUNABLE WHITE | CRI80 | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT - Lumen/m			CRI	Voltage	Beam Angle	*(mm)	IP Rate**
				Adjustable							
TIV.442 /CA	168	20W	5	WW (2700K) 1245lm/m	– CW (5700K) 1342lm/m	WW+CW 2580lm/m	CRI80	24VDC	120°	83.3	IP20

* Please confirm the connection points on the modules.

IP20

Flexible LEDs

TUNABLE WHITE 168LED/m 20W CRI90

Tunable White strip is produced with Samsung LEDs. It is offered with 2700K & 5700K LEDs to create a unique CCT in a space. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

TUNABLE WHITE
2700K——5700K

LIGHTSOURCE BY SAMSUNG

TUNABLE WHITE | CRI90 | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT - Lumen/m			CRI	Voltage	Beam Angle	*(mm)	IP Rate*
				Adjustable							
TIV.443 /CA	168	20W	5	WW (2700K) 1078lm/m	– CW (5700K) 1171lm/m	WW+CW 2241lm/m	CRI90	24VDC	120°	83.3	IP20

* Please confirm the connection points on the modules.

IP20

SUPREME SERIES 140LED/m 15W/m CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 136lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

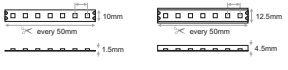
L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 80+ CRI | up to136 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.403	140	15W	5	2700K / 80+	1840	24VDC	120°	50	IP20
TIV.404	140	15W	5	3000K / 80+	1880	24VDC	120°	50	IP20
TIV.405	140	15W	5	4000K / 80+	2000	24VDC	120°	50	IP20
TIV.406	140	15W	5	5700K / 80+	2045	24VDC	120°	50	IP20
IP65									
TIV.407	140	15W	5	2700K / 80+	1750	24VDC	120°	50	IP65
TIV.408	140	15W	5	3000K / 80+	1785	24VDC	120°	50	IP65
TIV.409	140	15W	5	4000K / 80+	1895	24VDC	120°	50	IP65
TIV.410	140	15W	5	5700K / 80+	1940	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



Flexible LEDs

SUPREME SERIES 140LED/m 15W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 114lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 90+ CRI | up to114 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.411	140	15W	5	2700K / 90+	1545	24VDC	120°	50	IP20
TIV.412	140	15W	5	3000K / 90+	1590	24VDC	120°	50	IP20
TIV.413	140	15W	5	4000K / 90+	1670	24VDC	120°	50	IP20
TIV.440	140	15W	5	5700K / 90+	1710	24VDC	120°	50	IP20
IP65									
TIV.414	140	15W	5	2700K / 90+	1470	24VDC	120°	50	IP65
TIV.415	140	15W	5	3000K / 90+	1505	24VDC	120°	50	IP65
TIV.416	140	15W	5	4000K / 90+	1580	24VDC	120°	50	IP65
TIV.441	140	15W	5	5700K / 90+	1617	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

SUPREME SERIES 140LED/m 10W/m CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 139lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

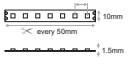
LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 80+ CRI | up to139 lm/W | 24VDC

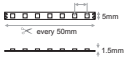
Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.360	140	10W	5	2700K / 80+	1250	24VDC	120°	50	IP20
TIV.361	140	10W	5	3000K / 80+	1280	24VDC	120°	50	IP20
TIV.362	140	10W	5	4000K / 80+	1360	24VDC	120°	50	IP20
TIV.363	140	10W	5	5700K / 80+	1390	24VDC	120°	50	IP20
TIV.522	140	10W	5	2700K / 80+	1250	24VDC	120°	50	IP20
TIV.523	140	10W	5	3000K / 80+	1280	24VDC	120°	50	IP20
TIV.524	140	10W	5	4000K / 80+	1360	24VDC	120°	50	IP20
IP65									
TIV.364	140	10W	5	2700K / 80+	1190	24VDC	120°	50	IP65
TIV.365	140	10W	5	3000K / 80+	1215	24VDC	120°	50	IP65
TIV.366	140	10W	5	4000K / 80+	1290	24VDC	120°	50	IP65
TIV.367	140	10W	5	5700K / 80+	1320	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

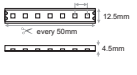
IP20
TIV.360/361/362/363



IP20
TIV.522/523/524



IP65



ELECTRON

Flexible LEDs

SUPREME SERIES 140LED/m 10W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 116rm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

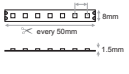
LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 90+ CRI | up to116 lm/W | 24VDC

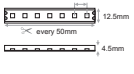
Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.376	140	10W	5	2700K / 90+	1050	24VDC	120°	50	IP20
TIV.377	140	10W	5	3000K / 90+	1080	24VDC	120°	50	IP20
TIV.378	140	10W	5	4000K / 90+	1135	24VDC	120°	50	IP20
TIV.438	140	10W	5	5700K / 90+	1162	24VDC	120°	50	IP20
IP65									
TIV.379	140	10W	5	2700K / 90+	1000	24VDC	120°	50	IP65
TIV.380	140	10W	5	3000K / 90+	1025	24VDC	120°	50	IP65
TIV.381	140	10W	5	4000K / 90+	1075	24VDC	120°	50	IP65
TIV.439	140	10W	5	5700K / 90+	1100	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

IP20



IP65



ELECTRON

SUPREME SERIES 140LED/m 5W/m CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 138lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

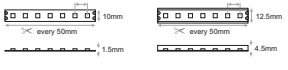
L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 80+ CRI | up to138 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.490	140	5W	5	2700K / 80+	620	24VDC	120°	50	IP20
TIV.491	140	5W	5	3000K / 80+	635	24VDC	120°	50	IP20
TIV.492	140	5W	5	4000K / 80+	675	24VDC	120°	50	IP20
TIV.493	140	5W	5	5700K / 80+	690	24VDC	120°	50	IP20
IP65									
TIV.494	140	5W	5	2700K / 80+	590	24VDC	120°	50	IP65
TIV.495	140	5W	5	3000K / 80+	605	24VDC	120°	50	IP65
TIV.496	140	5W	5	4000K / 80+	640	24VDC	120°	50	IP65
TIV.497	140	5W	5	5700K / 80+	655	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



ELECTRON

Flexible LEDs

SUPREME SERIES 140LED/m 5W/m CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 115lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

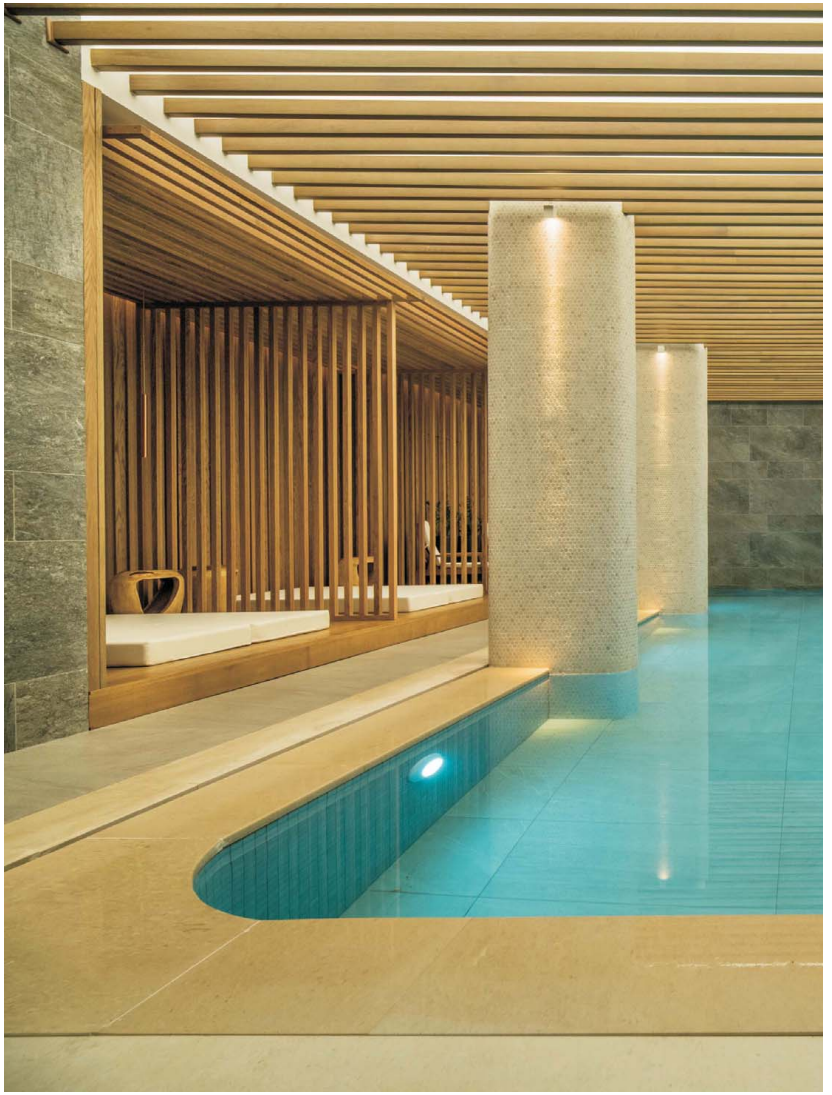
LIGHTSOURCE BY SAMSUNG

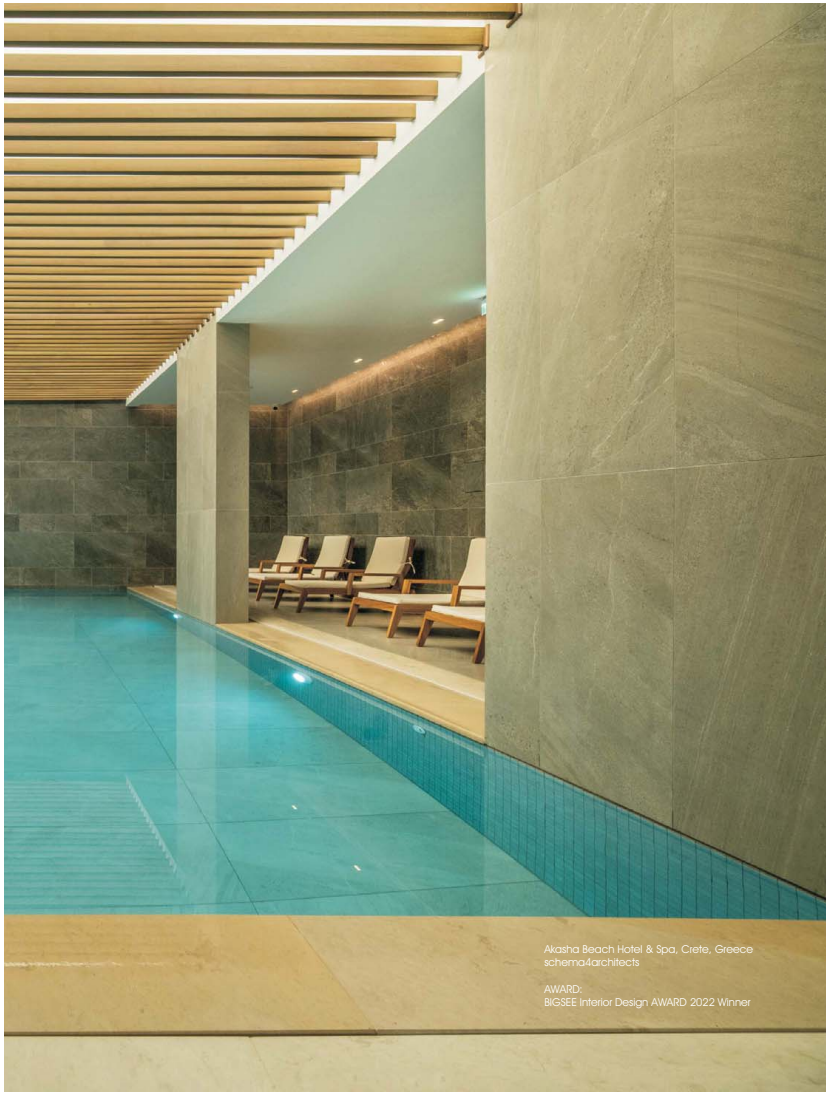
L80/B10 50000h | 3 Step MacAdam | 90+ CRI | up to115 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.498	140	5W	5	2700K / 90+	520	24VDC	120°	50	IP20
TIV.499	140	5W	5	3000K / 90+	535	24VDC	120°	50	IP20
TIV.500	140	5W	5	4000K / 90+	560	24VDC	120°	50	IP20
TIV.501	140	5W	5	5700K / 90+	573	24VDC	120°	50	IP20
IP65									
TIV.502	140	5W	5	2700K / 90+	495	24VDC	120°	50	IP65
TIV.503	140	5W	5	3000K / 90+	510	24VDC	120°	50	IP65
TIV.504	140	5W	5	4000K / 90+	535	24VDC	120°	50	IP65
TIV.505	140	5W	5	5700K / 90+	548	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

ELECTRON





Akasha Beach Hotel & Spa, Crete, Greece
schema4architects

AWARD:
BIGSEE Interior Design AWARD 2022 Winner

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

SUPREME SERIES 70LED/m 10W/m CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 139lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 80+ CRI | up to139 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.506	70	10W	5	2700K / 80+	1250	24VDC	120°	100	IP20
TIV.507	70	10W	5	3000K / 80+	1280	24VDC	120°	100	IP20
TIV.508	70	10W	5	4000K / 80+	1360	24VDC	120°	100	IP20
TIV.509	70	10W	5	5700K / 80+	1390	24VDC	120°	100	IP20
IP65									
TIV.510	70	10W	5	2700K / 80+	1190	24VDC	120°	100	IP65
TIV.511	70	10W	5	3000K / 80+	1215	24VDC	120°	100	IP65
TIV.512	70	10W	5	4000K / 80+	1290	24VDC	120°	100	IP65
TIV.513	70	10W	5	5700K / 80+	1320	24VDC	120°	100	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

ELECTRON

Flexible LEDs

SUPREME SERIES 70LED/m 10W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 116m/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

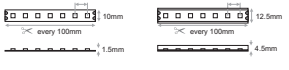
L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 90+ CRI | up to116 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.514	70	10W	5	2700K / 90+	1050	24VDC	120°	100	IP20
TIV.515	70	10W	5	3000K / 90+	1080	24VDC	120°	100	IP20
TIV.516	70	10W	5	4000K / 90+	1135	24VDC	120°	100	IP20
TIV.517	70	10W	5	5700K / 90+	1162	24VDC	120°	100	IP20
IP65									
TIV.518	70	10W	5	2700K / 90+	1000	24VDC	120°	100	IP65
TIV.519	70	10W	5	3000K / 90+	1025	24VDC	120°	100	IP65
TIV.520	70	10W	5	4000K / 90+	1075	24VDC	120°	100	IP65
TIV.521	70	10W	5	5700K / 90+	1100	24VDC	120°	100	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



ELECTRON

SUPREME SERIES 70LED/m 5W/m CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 138lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 80+ CRI | up to138 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.368	70	5W	5	2700K / 80+	620	24VDC	120°	100	IP20
TIV.369	70	5W	5	3000K / 80+	635	24VDC	120°	100	IP20
TIV.370	70	5W	5	4000K / 80+	675	24VDC	120°	100	IP20
TIV.371	70	5W	5	5700K / 80+	690	24VDC	120°	100	IP20
IP65									
TIV.372	70	5W	5	2700K / 80+	590	24VDC	120°	100	IP65
TIV.373	70	5W	5	3000K / 80+	605	24VDC	120°	100	IP65
TIV.374	70	5W	5	4000K / 80+	640	24VDC	120°	100	IP65
TIV.375	70	5W	5	5700K / 80+	655	24VDC	120°	100	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

ELECTRON

Flexible LEDs

SUPREME SERIES 70LED/m 5W/m CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 115lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 90+ CRI | up to115 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.382	70	5W	5	2700K / 90+	520	24VDC	120°	100	IP20
TIV.383	70	5W	5	3000K / 90+	535	24VDC	120°	100	IP20
TIV.384	70	5W	5	4000K / 90+	560	24VDC	120°	100	IP20
TIV.436	70	5W	5	5700K / 90+	573	24VDC	120°	100	IP20
IP65									
TIV.385	70	5W	5	2700K / 90+	495	24VDC	120°	100	IP65
TIV.386	70	5W	5	3000K / 90+	510	24VDC	120°	100	IP65
TIV.387	70	5W	5	4000K / 90+	535	24VDC	120°	100	IP65
TIV.437	70	5W	5	5700K / 90+	548	24VDC	120°	100	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

ELECTRON

SUPREME SERIES 70LED/m 3W/m CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 145lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

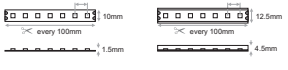
L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 80+ CRI | up to145 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.389	70	3W	5	2700K / 80+	390	24VDC	120°	100	IP20
TIV.390	70	3W	5	3000K / 80+	400	24VDC	120°	100	IP20
TIV.391	70	3W	5	4000K / 80+	425	24VDC	120°	100	IP20
TIV.392	70	3W	5	5700K / 80+	435	24VDC	120°	100	IP20
IP65									
TIV.393	70	3W	5	2700K / 80+	370	24VDC	120°	100	IP65
TIV.394	70	3W	5	3000K / 80+	380	24VDC	120°	100	IP65
TIV.395	70	3W	5	4000K / 80+	405	24VDC	120°	100	IP65
TIV.396	70	3W	5	5700K / 80+	415	24VDC	120°	100	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



ELECTRON

Flexible LEDs

SUPREME SERIES 70LED/m 3W/m CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 121lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

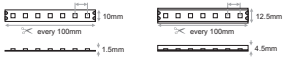
L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 90+ CRI | up to121 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.397	70	3W	5	2700K / 90+	330	24VDC	120°	100	IP20
TIV.398	70	3W	5	3000K / 90+	335	24VDC	120°	100	IP20
TIV.399	70	3W	5	4000K / 90+	355	24VDC	120°	100	IP20
TIV.434	70	3W	5	5700K / 90+	363	24VDC	120°	100	IP20
IP65									
TIV.400	70	3W	5	2700K / 90+	310	24VDC	120°	100	IP65
TIV.401	70	3W	5	3000K / 90+	320	24VDC	120°	100	IP65
TIV.402	70	3W	5	4000K / 90+	335	24VDC	120°	100	IP65
TIV.435	70	3W	5	5700K / 90+	343	24VDC	120°	100	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



ELECTRON

SUPREME SERIES 60LED/m 20W CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 103lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

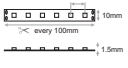
L70/B36 36.000h

LIGHTSOURCE BY SAMSUNG

L70/B36 36000h	80+ CRI	92-103 lm/W	24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate
TIV.317	60	20W	5	2700K / 80+	1850	24VDC	120°	100	IP20
TIV.355	60	20W	5	3000K / 80+	1950	24VDC	120°	100	IP20
TIV.316	60	20W	5	4000K / 80+	2050	24VDC	120°	100	IP20

*Please confirm the connection points on the modules.



Flexible LEDs

SUPREME SERIES 60LED/m 20W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 98lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

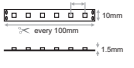
L70/B36 36.000h

LIGHTSOURCE BY SAMSUNG

L70/B36 36000h	90+ CRI	85-98 lm/W	24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
TIV.358	60	20W	5	2700K / 90+	1700	24VDC	120°	100	IP20
TIV.324	60	20W	5	3000K / 90+	1750	24VDC	120°	100	IP20
TIV.326	60	20W	5	4000K / 90+	1950	24VDC	120°	100	IP20

*Please confirm the connection points on the modules.



SUPREME SERIES 30LED/m 10W CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 105lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version).

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

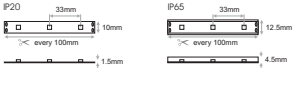
L70/B36 36.000h

LIGHTSOURCE BY SAMSUNG

L70/B36 36000h	80+ CRI	90-105 lm/W	12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate
IP20									
TIV.356	30	10W	5	2700K / 80+	950	12VDC	120°	100	IP20
TIV.319	30	10W	5	3000K / 80+	1000	12VDC	120°	100	IP20
TIV.318	30	10W	5	4000K / 80+	1050	12VDC	120°	100	IP20
IP65									
TIV.357	30	10W	5	2700K / 80+	900	12VDC	120°	100	IP65
TIV.321	30	10W	5	3000K / 80+	950	12VDC	120°	100	IP65
TIV.320	30	10W	5	4000K / 80+	1000	12VDC	120°	100	IP65

*Please confirm the connection points on the modules.



Flexible LEDs

SUPREME SERIES 30LED/m 10W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 110lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version).

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

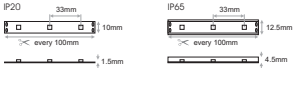
L70/B36 36.000h

LIGHTSOURCE BY SAMSUNG

L70/B36 36000h	90+ CRI	110 lm/W	12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate
IP20									
TIV.337	30	10W	5	2700K-3000K / 90+	1100	12VDC	120°	100	IP20
IP65									
TIV.338	30	10W	5	2700K-3000K / 90+	1050	12VDC	120°	100	IP65

*Please confirm the connection points on the modules.



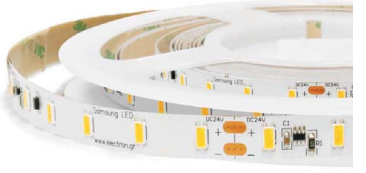
Allia Resort & Spa, Rhodes, Greece

SUPREME SERIES 60LED/m
Thermal Management

Supreme Series is the finest series of LED strips with Samsung LEDs. It is offered with adhesive tape on the rear side. Different CCTs are available upon request. It offers Thermal Management and it has Constant Current IC.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

THERMAL MANAGEMENT

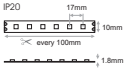


LIGHTSOURCE BY SAMSUNG

Thermal Management | 80+ CRI | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate
TIV.328	60	20W	5	3000K / 80+	2000	24VDC	120°	100	IP20
TIV.327	60	20W	5	4000K / 80+	2150	24VDC	120°	100	IP20

* Please confirm the connection points on the modules.



WIRELESS CONTROL 32LED/m

Flexible LEDs

The Wireless Control strip has individually controllable pixels one by one through standard programs of CDS.304 controller. The cutting section of 1 LED and 1 IC ensures higher flexibility of installation. It is offered at 2pcs of 80 LEDs (2x2.5m) RGB. 2x240 pixels / 2x7.5m can be controlled with CDS.304 in parallel signal connection. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version).

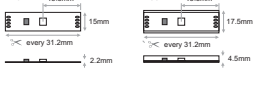
One by one individually controllable LEDs through standard programs of CDS.304 wireless controller.
94 modes with adjustable speed.
2x240 pixels / 2x7.5m in parallel signal connection

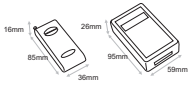
Wireless Control | 5VDC

Code	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	Pixel Pitch* (mm)	IP Rate
IP20								
TIV.304	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP20
IP65								
TIV.305	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP65

*Please confirm the connection points on the modules.

Code	Supply Voltage	Nr. of modes/ programms	Control
CDS.304	12VDC PSU is included	94	Stand alone or wireless RF remote control





ACC.244
Holder supplied as extra

Flexible LEDs

DMX512 DIRECT CONTROL 32LED/m

The DMX512 Direct Control strip has individually controllable pixels one by one through standard DMX12 protocol. The cutting section of 1 LED and 1 IC ensures higher flexibility of installation. It is ideal for creating LED matrix effects. It is offered at 2pcs of 80 LEDs (2x2.5m) RGB. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

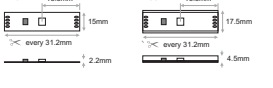
One by one individually controllable LEDs through standard DMX-512 control protocol.

DMX-512 Direct Control | 5VDC

Code	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	Pixel Pitch* (mm)	IP Rate
IP20								
TIV.306	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP20
IP65								
TIV.307	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP65

*Please confirm the connection points on the modules.

ACC.244
Holder supplied as extra



STANDARD SERIES 192 & 144 LED/m
R+G+B+W(4000K) one by one chip

Flexible LEDs

R+G+B+W one by one chip LED strips are offered for creating unique colour effects and for static scenes. The intensity varies 15W/m & 27W/m depending on the desired lighting outcome. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

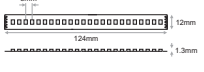
Lighting management options:
DMX, DALI, Wireless IR or RF controllers

R+G+B+W one by one chip | **24VDC**

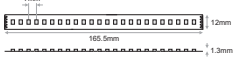
Code	No.LED/m	Watt/m	Reel(m)	CCT*	Voltage	Beam Angle	**(mm)	IP Rate
TIV.264 /CA	192	27W	5	R+G+B+W (4000K)	24VDC	120°	124	IP20
TIV.265 /CA	144	15W	5	R+G+B+W (4000K)	24VDC	120°	165.5	IP20

* Adjustable colour temperature by adding blue or red.
** Please confirm the connection points on the modules.
*** Common Anode connection

TIV.264



TIV.265



Flexible LEDs

STANDARD SERIES 84, 60, 48 LED/m
RGBWW-RGBCW 4in1 chip

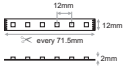
Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

Adjustable CCT RGBWW, RGBCW | **24VDC**

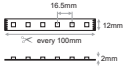
Code	No.LED/m	Watt/m	Reel(m)	CCT	Voltage	Beam Angle	*(mm)	IP Rate
IP20								
TIV.240 /CA	84	27W	5	RGBWW 4in1 (2700K) Adjustable	24VDC	120°	71.5	IP20
TIV.241 /CA	60	19.5W	5	RGBWW 4in1 (2700K) Adjustable	24VDC	120°	100	IP20
TIV.243 /CA	84	27W	5	RGBCW 4in1 (6000K) Adjustable	24VDC	120°	71.5	IP20
TIV.244 /CA	60	19.5W	5	RGBCW 4in1 (6000K) Adjustable	24VDC	120°	100	IP20
IP65								
TIV.242 /CA	48	15.4W	5	RGBWW 4in1 (2700K) Adjustable	24VDC	120°	125	IP65
TIV.245 /CA	48	15.4W	5	RGBCW 4in1 (5600K) Adjustable	24VDC	120°	125	IP65

* Please confirm the connection points on the modules.

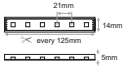
TIV.240/243
IP20



TIV.241/244
IP20



TIV.242/TIV.245
IP65



STANDARD SERIES 96 & 60 LED/m
RGB+WW 3CHIP

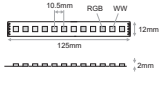
Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

Adjustable CCT RGB+WW | **24VDC**

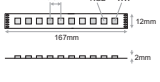
Code	No.LED/m	Watt/m	Reel(m)	CCT		Voltage	Beam Angle	*(mm)	IP Rate
IP20									
TIV.237 /CA	96	23W	5	48RGB+48WW (3000K)	Adjustable	24VDC	120°	125	IP20
TIV.235 /CA	60	14.4W	5	30RGB+30WW (3000K)	Adjustable	24VDC	120°	167	IP20
IP65									
TIV.263 /CA	96	23W	5	48RGB+48WW (3000K)	Adjustable	24VDC	120°	125	IP65
TIV.236 /CA	60	14.4W	5	30RGB+30WW (3000K)	Adjustable	24VDC	120°	167	IP65

* Please confirm the connection points on the modules.

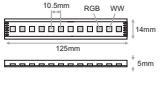
TIV.237
IP20



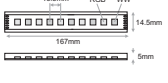
TIV.235
IP20



TIV.263
IP65



TIV.236
IP65



STANDARD SERIES 96LED/m
RGBin1 3CHIP

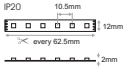
Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

RGB | **24VDC**

Code	No.LED/m	Watt/m	Reel(m)	CCT	Voltage	Beam Angle	*(mm)	IP Rate
TIV.229 /CA	96	23W	5	RGB	24VDC	120°	62.5	IP20

* Please confirm the connection points on the modules.

IP20



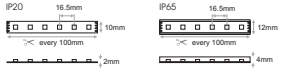
STANDARD SERIES 60LED/m
RGBin1 3CHIP

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

RGB | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Luminus FLUX (lm/m)	Wavelength	Voltage	Beam Angle	*(mm)	IP Rate
IP20										
TIV.121 /CC	60	14.5W	5	RGB	R: 88 lm/m G:266 lm/m B: 58 lm/m	R: 624nm G:526nm B: 463nm	24VDC	120°	100	IP20
TIV.199 /CA	60	14.5W	5	RGB			24VDC	120°	100	IP20
IP65										
TIV.169 /CC	60	14.5W	5	RGB	R: 84 lm/m G:254 lm/m B: 55 lm/m	R: 624nm G:526nm B: 463nm	24VDC	120°	100	IP65
TIV.138 /CA	60	14.5W	5	RGB			24VDC	120°	100	IP65

* Please confirm the connection points on the modules.



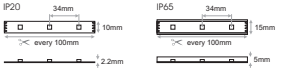
STANDARD SERIES 30LED/m
RGBin1 3CHIP

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

RGB | 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Luminus FLUX (lm/m)	Wavelength	Voltage	Beam Angle	*(mm)	IP Rate
IP20										
TIV.120 /CA	30	7.2W	5	RGB	R: 32 lm/m G:130 lm/m B: 26 lm/m	R: 624nm G:526nm B: 463nm	12VDC	120°	100	IP20
TIV.157 /CC	30	7.2W	5	RGB			12VDC	120°	100	IP20
IP65										
TIV.203 /CA	30	7.2W	5	RGB	R: 30 lm/m G:124 lm/m B: 25 lm/m	R: 624nm G:526nm B: 463nm	12VDC	120°	100	IP65
TIV.160 /CC	30	7.2W	5	RGB			12VDC	120°	100	IP65

* Please confirm the connection points on the modules.



STANDARD SERIES 60LED/m
Monochromatic 3CHIP

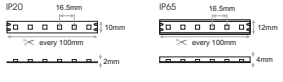
Flexible LEDs

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Monochromatic 3chip | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.222	60	14.4W	5	2600-2900K	730	24VDC	120°	100	IP20
TIV.189	60	14.4W	5	2900-3300K	780	24VDC	120°	100	IP20
TIV.217	60	14.4W	5	3900-4300K	840	24VDC	120°	100	IP20
TIV.188	60	14.4W	5	5700-6300K	950	24VDC	120°	100	IP20
TIV.227	60	14.4W	5	BLUE	-	24VDC	120°	100	IP20
TIV.228	60	14.4W	5	RED	-	24VDC	120°	100	IP20
IP65									
TIV.223	60	14.4W	5	2600-2900K	700	24VDC	120°	100	IP65
TIV.193	60	14.4W	5	2900-3300K	740	24VDC	120°	100	IP65
TIV.218	60	14.4W	5	3900-4300K	800	24VDC	120°	100	IP65
TIV.192	60	14.4W	5	5700-6300K	900	24VDC	120°	100	IP65

* Available in other colours upon request
** Please confirm the connection points on the modules



Flexible LEDs

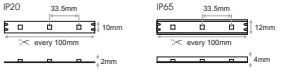
STANDARD SERIES 30LED/m
Monochromatic 3CHIP

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Monochromatic 3chip | 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT*	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.224	30	7.2W	5	2600-2900K	330	12VDC	120°	100	IP20
TIV.191	30	7.2W	5	2900-3300K	390	12VDC	120°	100	IP20
TIV.238	30	7.2W	5	3900-4400K	390	12VDC	120°	100	IP20
TIV.190	30	7.2W	5	5700-6300K	470	12VDC	120°	100	IP20
IP65									
TIV.225	30	7.2W	5	2600-2900K	310	12VDC	120°	100	IP65
TIV.195	30	7.2W	5	2900-3300K	370	12VDC	120°	100	IP65
TIV.194	30	7.2W	5	5700-6300K	440	12VDC	120°	100	IP65

* Available in other colours upon request
** Please confirm the connection points on the modules



STANDARD SERIES 120LED/m
Monochromatic

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Monochromatic | 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate
IP20									
TIV.251	120	9.6W	5	2200-2400K	580	12VDC	120°	25	IP20
TIV.220	120	9.6W	5	2600-2900K	600	12VDC	120°	25	IP20
TIV.175	120	9.6W	5	2900-3300K	640	12VDC	120°	25	IP20
TIV.201	120	9.6W	5	3900-4300K	720	12VDC	120°	25	IP20
TIV.174	120	9.6W	5	5700-6300K	780	12VDC	120°	25	IP20
TIV.173	120	9.6W	5	BLUE	-	12VDC	120°	25	IP20
TIV.202	120	9.6W	5	AMBER	-	12VDC	120°	25	IP20
IP65									
TIV.252	120	9.6W	5	2200-2400K	560	12VDC	120°	25	IP65
TIV.221	120	9.6W	5	2600-2900K	580	12VDC	120°	25	IP65
TIV.184	120	9.6W	5	2900-3300K	620	12VDC	120°	25	IP65
TIV.216	120	9.6W	5	3900-4300K	705	12VDC	120°	25	IP65
TIV.185	120	9.6W	5	5700-6300K	750	12VDC	120°	25	IP65
TIV.186	120	9.6W	5	BLUE	-	12VDC	120°	25	IP65
TIV.187	120	9.6W	5	RED	-	12VDC	120°	25	IP65
TIV.197	120	9.6W	5	GREEN	-	12VDC	120°	25	IP65

* Available in other colours upon request
** Please confirm the connection points on the modules

IP20

IP65

STANDARD SERIES 60LED/m
Monochromatic

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

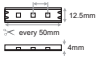
Monochromatic | 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.249	60	4.8W	5	2200-2400K	240	12VDC	120°	50	IP20
TIV.206	60	4.8W	5	2600-2900K	260	12VDC	120°	50	IP20
TIV.143	60	4.8W	5	2900-3300K	280	12VDC	120°	50	IP20
TIV.214	60	4.8W	5	3900-4300K	310	12VDC	120°	50	IP20
TIV.142	60	4.8W	5	5700-6300K	350	12VDC	120°	50	IP20
TIV.141	60	4.8W	5	RED	-	12VDC	120°	50	IP20
TIV.140	60	4.8W	5	GREEN	-	12VDC	120°	50	IP20
TIV.139	60	4.8W	5	BLUE	-	12VDC	120°	50	IP20
TIV.144	60	4.8W	5	AMBER	-	12VDC	120°	50	IP20
IP65									
TIV.250	60	4.8W	5	2200-2400K	240	12VDC	120°	50	IP65
TIV.219	60	4.8W	5	2600-2900K	240	12VDC	120°	50	IP65
TIV.162	60	4.8W	5	2900-3300K	260	12VDC	120°	50	IP65
TIV.215	60	4.8W	5	3900-4300K	290	12VDC	120°	50	IP65
TIV.161	60	4.8W	5	5700-6300K	225	12VDC	120°	50	IP65
TIV.158	60	4.8W	5	RED	-	12VDC	120°	50	IP65
TIV.163	60	4.8W	5	BLUE	-	12VDC	120°	50	IP65
TIV.198	60	4.8W	5	AMBER	-	12VDC	120°	50	IP65

* Available in other colours upon request
** Please confirm the connection points on the modules

IP20

IP65



STANDARD SERIES 30LED/m
Monochromatic

Flexible LEDs

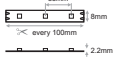
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Monochromatic | 12VDC

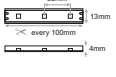
Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.172	30	2.5W	5	2900-3300K	120	12VDC	120°	100	IP20
TIV.171	30	2.5W	5	5700-6300K	150	12VDC	120°	100	IP20
TIV.170	30	2W	5	BLUE	-	12VDC	120°	100	IP20
IP65									
TIV.182	30	2.5W	5	2900-3300K	110	12VDC	120°	100	IP65
TIV.183	30	2.5W	5	5700-6300K	140	12VDC	120°	100	IP65

* Available in other colours upon request
** Please confirm the connection points on the modules

IP20



IP65



Flexible LEDs

5mm WIDTH 96LED/m

A LED strip of 5mm width, ideal for applications with special requirements in terms of width.

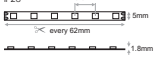
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

5mm Width | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
TIV.254	96	7.6W	5	4000K / 80+	800	24VDC	120°	62	IP20

* Please confirm the connection points on the modules.

IP20



WW BENDABLE 60LED/m

Flexible LEDs

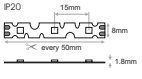
Bendable LED Strip ideal for special application requirements.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

WW Bandable | 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
TIV.255	60	4.8W	5	2900-3100K / 80+	430	12VDC	120°	50	IP20
TIV.256	60	4.8W	5	4000-4300K / 80+	570	12VDC	120°	50	IP20

* Please confirm the connection points on the modules.



Flexible LEDs

VARIABLE ANGLE 60, 70 LED/m

Strip with variable angle of LEDs for special application requirements.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

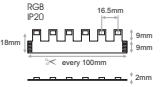
Variable Angle | 24VDC

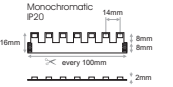
Code*	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	**(mm)	IP Rate
TIV.259 /CA	60	14.4W	5	RGB	24VDC	120°	100	IP20

*CA= Common Anode
** Please confirm the connection points on the modules.

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)	IP Rate
TIV.257	70	4.8W	5	2900-3100K / 80+	430	24VDC	120°	100	IP20
TIV.258	70	4.8W	5	4000-4300K / 80+	570	24VDC	120°	100	IP20

* Please confirm the connection points on the modules.





SIDE EMITTING 60LED/m RGBin1

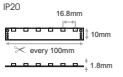
Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

Side Emitting | 24VDC

Code*	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	**(mm)	IP Rate
TIV.181 /CA	60	14.4W	5	RGB	24VDC	120°	100	IP20

*CA= Common Anode
** Please confirm the connection points on the modules.

IP20



SIDE EMITTING 120LED/m Monochromatic

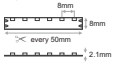
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Side Emitting | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Voltage	Beam Angle	*(mm)	IP Rate
TIV.149	120	14.4W	5	2700K	24VDC	120°	50	IP20
TIV.148	120	14.4W	5	5000K	24VDC	120°	50	IP20

* Please confirm the connection points on the modules.

IP20



Connectors / Accessories

Image	Code	Description

CONNECTORS FOR MONOCHROMATIC LED STRIPS

ACC.215 2 connectors for Single Colour 8mm

ACC.216 Wire connector for Single Colour 8mm

ACC.217 Wire connector for Single Colour 10mm

ACC.219 Wire & 2 connectors for Single Colour 8mm

ACC.220 Wire & 2 connectors for Single Colour 10mm

ACC.223 2 connectors for Single Colour 10mm

CONNECTORS FOR RGB LED STRIPS

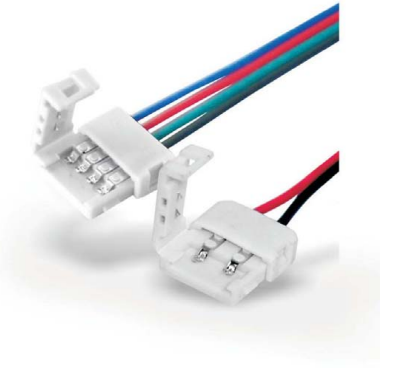
ACC.214 2 connectors.

ACC.212 Wire in between two connectors.

ACC.218 Wire connector for RGB 10mm

ACC.221 Wire & 2 connectors for RGB 10mm

ACC.224 2 connectors for RGB 10mm

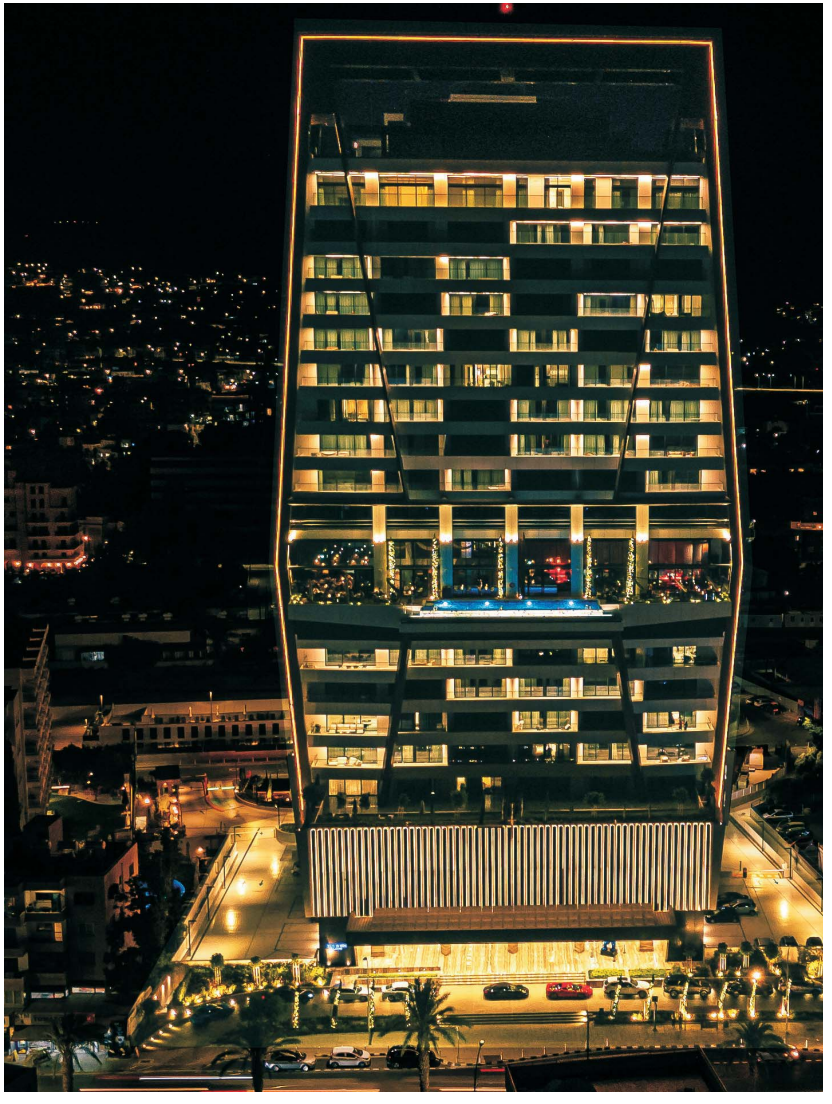


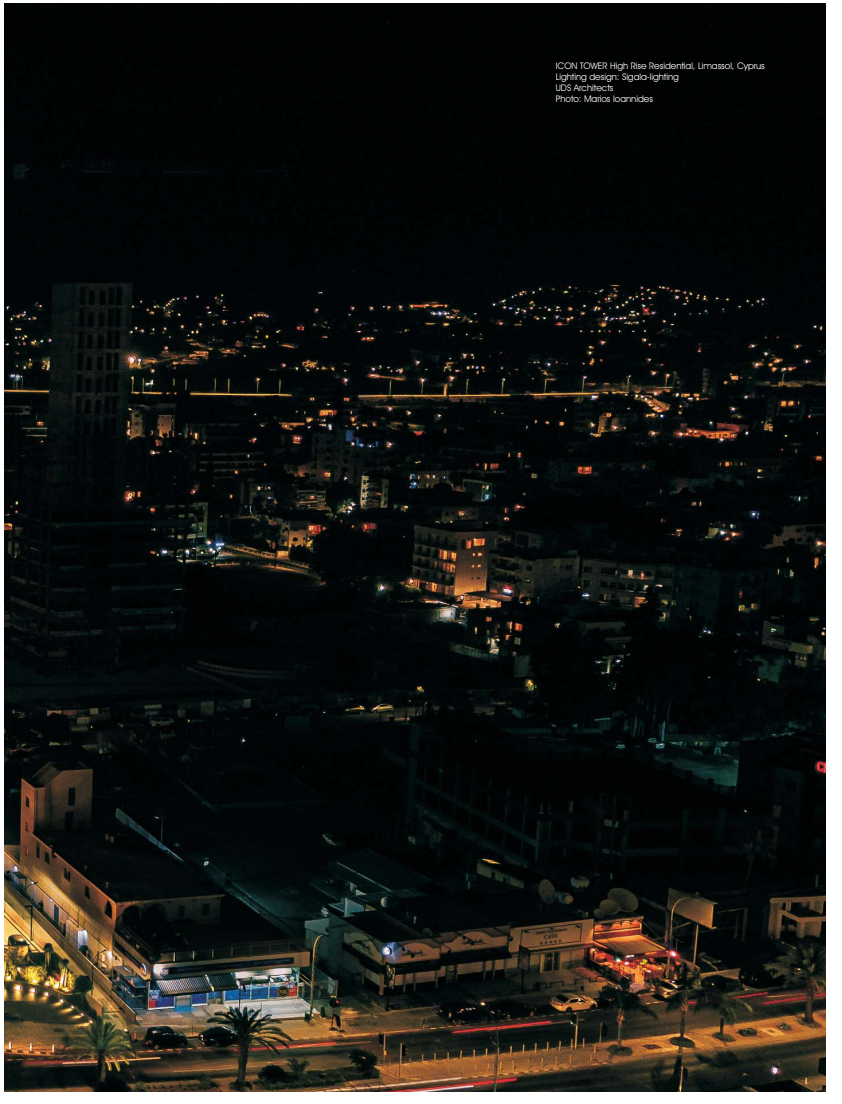
ACCESSORIES FOR LED STRIPS

ACC.239 End cap for Waterproof LED STRIPS.

ACC.240 Holder for Waterproof LED STRIPS.

ACC.241 Male-Female power connector for Monochromatic LED STRIPS.





ICON TOWER High Rise Residential, Limassol, Cyprus
Lighting design: Sigala-lighting
UDS Architects
Photo: Marios Ioannides

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

FLAT H MILKY LED

Flexible LEDs

- FLAT H Milky LED is fully encapsulated Horizontal bending flexible linear LED.
- Available with NICHIA smd LEDS or in standard version.
- Available in PVC or Silicone.
- Bin/Step: Monochromatic White LEDs PVC: 4 SDCM
- Bin/Step: Monochromatic White LEDs Silicone: 3 SDCM
- Monochromatic White LEDs CRI>80, 2700/3000/3500/4000K also available in CRI>90 upon request.
- Available IP protection rate: Injection Moulded IP67, Double Injection Moulded IP68, or Snap DIY IP67
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with recessed, surface, or pendant aluminium profiles.

Max connection lengths:

PVC:
- Monochromatic, RGB: 10m single supply / 20m double supply
- Dim to Warm & Tunable White: 20m single supply / 40m double supply
- RGBW: 5m single supply / 10m double supply

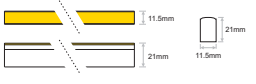
Silicone:
- Monochromatic, RGB: 15m single supply / 30m double supply
- Dim to Warm & Tunable White: 30m single supply / 60m double supply
- RGBW: 8m single supply / 16m double supply

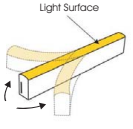
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

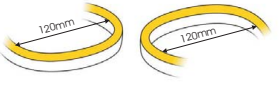
- √ UV Resistant
- √ Solvent Resistant
- √ Saltwater Resistant
- √ Flame Resistant

- √ Monochromatic
- √ Tunable White
- √ Dim to Warm
- √ RGB, RGBW

All connectors are supplied with waterproof junction protection barrel







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ELECTRON

Golden Yachts - Yacht Optasia

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PVC

Flat Horizontal Bend | 24VDC | IP67 Injection Moulded | IP68 Injection Moulded | IP67 Snap Connention

LIGHTSOURCE BY NICHIA

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIV.460	60	12W	20	2200K	>80	275	24VDC	120°	100
TIV.461	60	12W	20	2500K	>80	280	24VDC	120°	100
TIV.446	60	12W	20	2700K	>80	280	24VDC	120°	100
TIV.450	60	12W	20	3000K	>80	315	24VDC	120°	100
TIV.462	60	12W	20	3500K	>80	315	24VDC	120°	100
TIV.451	60	12W	20	4000K	>80	320	24VDC	120°	100
TIV.463	60	12W	20	4500K	>80	320	24VDC	120°	100
TIV.452	60	12W	20	5000K	>80	320	24VDC	120°	100
TIV.681	144	12W	20	Tunable White 2500K~5000K	>80	110~110	24VDC	120°	83.34
TIV.474	60	12W	20	RGB		R:45, G:115, B:18	24VDC	120°	100

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the ✂ sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIV.694	72	12W	20	2200K	>80	310	24VDC	120°	83.3
TIV.046	72	12W	20	2700K	>80	350	24VDC	120°	83.3
TIV.695	72	12W	20	3000K	>80	350	24VDC	120°	83.3
TIV.696	72	12W	20	3500K	>80	350	24VDC	120°	83.3
TIV.056	72	12W	20	4000K	>80	355	24VDC	120°	83.3
TIV.697	72	12W	20	5700K	>80	360	24VDC	120°	83.3
TIV.701	72	12W	20	2700K	>90	250	24VDC	120°	83.3
TIV.702	72	12W	20	3000K	>90	295	24VDC	120°	83.3
TIV.703	72	12W	20	3500K	>90	295	24VDC	120°	83.3
TIV.704	72	12W	20	4000K	>90	295	24VDC	120°	83.3
TIV.477	72	8W	20	RED		110	24VDC	120°	125
TIV.478	72	12W	20	BLUE		35	24VDC	120°	83.34
TIV.479	72	12W	20	GREEN		220	24VDC	120°	83.34
TIV.480	72	8W	20	AMBER		110	24VDC	120°	125
TIV.698	144	12W	20	Warm Dimmable 1800K - 3000K	>80	-	24VDC	120°	83.34
TIV.680	144	12W	20	Tunable White 2200K - 5700K	>80	110~110	24VDC	120°	83.34
TIV.051	60	12W	20	RGB		R:40, G:100, B:15, all:155	24VDC	120°	100
TIV.682	60	15W	10	RGBW 2700K		R:40, G:100, B:15, W:100	24VDC	120°	100
TIV.684	60	15W	10	RGBW 3000K		R:40, G:100, B:15, W:100	24VDC	120°	100
TIV.683	60	15W	10	RGBW 4000K		R:40, G:100, B:15, W:100	24VDC	120°	100
TIV.758	60	15W	10	RGBA Amber		-	24VDC	120°	100

* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ✂ sign on the rear side of the modules

SILICONE

Flat Horizontal Bend | 24VDC | IP67 Injection Moulded | IP68 Injection Moulded | IP67 Snap Connention

LIGHTSOURCE BY NICHIA

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIVS460	60	12W	20	2200K	≥80	275	24VDC	120°	100
TIVS461	60	12W	20	2500K	≥80	280	24VDC	120°	100
TIVS446	60	12W	20	2700K	≥80	280	24VDC	120°	100
TIVS450	60	12W	20	3000K	≥80	315	24VDC	120°	100
TIVS462	60	12W	20	3500K	≥80	315	24VDC	120°	100
TIVS451	60	12W	20	4000K	≥80	320	24VDC	120°	100
TIVS463	60	12W	20	4500K	≥80	320	24VDC	120°	100
TIVS452	60	12W	20	5000K	≥80	320	24VDC	120°	100
TIVS681	144	12W	20	Tunable White 2500K~5000K	≥80	110~110	24VDC	120°	83.34
TIVS474	60	12W	20	RGB		R:45, G:115, B:18	24VDC	120°	100

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the ✂ sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIVS694	72	12W	20	2200K	≥80	315	24VDC	120°	83.34
TIVS046	72	12W	20	2700K	≥80	355	24VDC	120°	83.34
TIVS695	72	12W	20	3000K	≥80	355	24VDC	120°	83.34
TIVS696	72	12W	20	3500K	≥80	390	24VDC	120°	83.34
TIVS056	72	12W	20	4000K	≥80	400	24VDC	120°	83.34
TIVS697	72	12W	20	5700K	≥80	410	24VDC	120°	83.34
TIVS701	72	12W	20	2700K	≥90	280	24VDC	120°	83.3
TIVS702	72	12W	20	3000K	≥90	320	24VDC	120°	83.3
TIVS703	72	12W	20	3500K	≥90	320	24VDC	120°	83.3
TIVS704	72	12W	20	4000K	≥90	320	24VDC	120°	83.3
TIVS477	72	8W	20	RED		128	24VDC	120°	125
TIVS478	72	12W	20	BLUE		70	24VDC	120°	100
TIVS479	72	12W	20	GREEN		348	24VDC	120°	100
TIVS480	72	8W	20	AMBER		128	24VDC	120°	125
TIVS698	144	12W	20	Warm Dimmable 1800K - 3000K	≥80	-	24VDC	120°	83.34
TIVS680	144	12W	20	Tunable White 2200K - 5700K	≥80	140~170	24VDC	120°	83.34
TIVS051	60	12W	20	RGB		R:50, G:120, B:25, all:195	24VDC	120°	100
TIVS682	60	15W	10	RGBW 2700K		R:50, G:120, B:25, W:120	24VDC	120°	100
TIVS684	60	15W	10	RGBW 3000K		R:50, G:120, B:25, W:120	24VDC	120°	100
TIVS683	60	15W	10	RGBW 4000K		R:50, G:120, B:25, W:120	24VDC	120°	100
TIVS685	60	15W	10	RGBA Amber		-	24VDC	120°	100

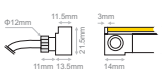
** Please confirm with the ✂ sign on the rear side of the modules

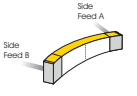
PVC

Injection Moulded connection **IP67**

Side Feed

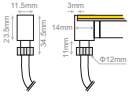
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.001	**CON.450**	**CON.209**	**CON.527**	Side Feed A connector IP67	L= 1m
CON.003	**CON.452**	**CON.211**	**CON.529**	Side Feed A connector IP67	L= 3m
CON.005	**CON.454**	**CON.213**	**CON.531**	Side Feed A connector IP67	L= 5m
CON.007	**CON.456**	**CON.215**	**CON.533**	Side Feed A connector IP67	L= 10m
CON.002	**CON.451**	**CON.210**	**CON.528**	Side Feed B connector IP67	L= 1m
CON.004	**CON.453**	**CON.212**	**CON.530**	Side Feed B connector IP67	L= 3m
CON.006	**CON.455**	**CON.214**	**CON.532**	Side Feed B connector IP67	L= 5m
CON.008	**CON.457**	**CON.216**	**CON.534**	Side Feed B connector IP67	L= 10m

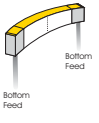




Bottom Feed

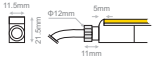
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.009	**CON.458**	**CON.217**	**CON.535**	Bottom Feed connector IP67	L= 1m
CON.010	**CON.459**	**CON.218**	**CON.536**	Bottom Feed connector IP67	L= 3m
CON.011	**CON.460**	**CON.219**	**CON.537**	Bottom Feed connector IP67	L= 5m
CON.012	**CON.461**	**CON.220**	**CON.538**	Bottom Feed connector IP67	L= 10m

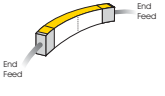




End Feed

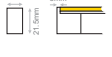
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.013	**CON.462**	**CON.221**	**CON.539**	End Feed connector IP67	L= 1m
CON.014	**CON.463**	**CON.222**	**CON.540**	End Feed connector IP67	L= 3m
CON.015	**CON.464**	**CON.223**	**CON.541**	End Feed connector IP67	L= 5m
CON.016	**CON.465**	**CON.224**	**CON.542**	End Feed connector IP67	L= 10m

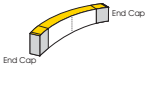




End Cap

Single Coloured, TW / DW, RGB, RGBW / RGBA	Description
CAP.400	End Cap IP67



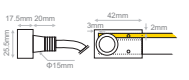


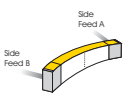
PVC

Injection Moulded connection **IP68**

Side Feed

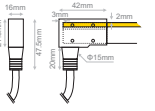
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.017	**CON.466**	**CON.225**	**CON.543**	Side Feed A connector IP68	L= 1m
CON.019	**CON.468**	**CON.227**	**CON.545**	Side Feed A connector IP68	L= 3m
CON.021	**CON.470**	**CON.229**	**CON.547**	Side Feed A connector IP68	L= 5m
CON.024	**CON.472**	**CON.231**	**CON.549**	Side Feed A connector IP68	L= 10m
CON.018	**CON.467**	**CON.226**	**CON.544**	Side Feed B connector IP68	L= 1m
CON.020	**CON.469**	**CON.228**	**CON.546**	Side Feed B connector IP68	L= 3m
CON.023	**CON.471**	**CON.230**	**CON.548**	Side Feed B connector IP68	L= 5m
CON.025	**CON.473**	**CON.232**	**CON.550**	Side Feed B connector IP68	L= 10m

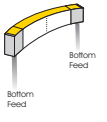




Bottom Feed

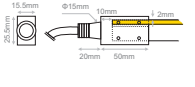
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.026	**CON.474**	**CON.233**	**CON.524**	Bottom Feed connector IP68	L= 1m
CON.027	**CON.475**	**CON.234**	**CON.525**	Bottom Feed connector IP68	L= 3m
CON.028	**CON.476**	**CON.235**	**CON.526**	Bottom Feed connector IP68	L= 5m
CON.029	**CON.477**	**CON.236**	**CON.515**	Bottom Feed connector IP68	L= 10m

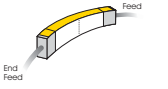




End Feed

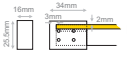
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.022	**CON.478**	**CON.237**	**CON.521**	End Feed connector IP68	L= 1m
CON.030	**CON.479**	**CON.238**	**CON.522**	End Feed connector IP68	L= 3m
CON.031	**CON.480**	**CON.239**	**CON.523**	End Feed connector IP68	L= 5m
CON.208	**CON.481**	**CON.240**	**CON.516**	End Feed connector IP68	L= 10m

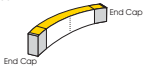




End Cap

Single Coloured, TW / DW, RGB, RGBW / RGBA	Description
CAP.401	End Cap IP68

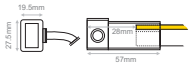


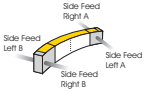


PVC
Snap connection **IP67**

Side Feed

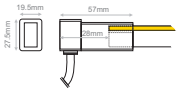
Single Coloured	TW / DW	RGB	Description	Length
CON.048	**CON.498**	**CON.258**	Side Feed Left A connector IP67	L= 1m
CON.049	**CON.499**	**CON.259**	Side Feed Left A connector IP67	L= 3m
CON.050	**CON.500**	**CON.260**	Side Feed Left A connector IP67	L= 5m
CON.051	**CON.501**	**CON.261**	Side Feed Left A connector IP67	L= 10m
CON.056	**CON.506**	**CON.266**	Side Feed Right A connector IP67	L= 1m
CON.057	**CON.507**	**CON.267**	Side Feed Right A connector IP67	L= 3m
CON.058	**CON.508**	**CON.268**	Side Feed Right A connector IP67	L= 5m
CON.059	**CON.509**	**CON.269**	Side Feed Right A connector IP67	L= 10m
CON.052	**CON.502**	**CON.262**	Side Feed Left B connector IP67	L= 1m
CON.053	**CON.503**	**CON.263**	Side Feed Left B connector IP67	L= 3m
CON.054	**CON.504**	**CON.264**	Side Feed Left B connector IP67	L= 5m
CON.055	**CON.505**	**CON.265**	Side Feed Left B connector IP67	L= 10m
CON.060	**CON.510**	**CON.271**	Side Feed Right B connector IP67	L= 1m
CON.061	**CON.511**	**CON.272**	Side Feed Right B connector IP67	L= 3m
CON.062	**CON.512**	**CON.273**	Side Feed Right B connector IP67	L= 5m
CON.063	**CON.513**	**CON.274**	Side Feed Right B connector IP67	L= 10m





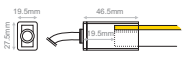
Bottom Feed

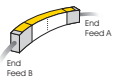
Single Coloured	TW / DW	RGB	Description	Length
CON.040	**CON.490**	**CON.250**	Bottom Feed A connector IP67	L= 1m
CON.041	**CON.491**	**CON.251**	Bottom Feed A connector IP67	L= 3m
CON.042	**CON.492**	**CON.252**	Bottom Feed A connector IP67	L= 5m
CON.043	**CON.493**	**CON.253**	Bottom Feed A connector IP67	L= 10m
CON.044	**CON.494**	**CON.254**	Bottom Feed B connector IP67	L= 1m
CON.045	**CON.495**	**CON.255**	Bottom Feed B connector IP67	L= 3m
CON.046	**CON.496**	**CON.256**	Bottom Feed B connector IP67	L= 5m
CON.047	**CON.497**	**CON.257**	Bottom Feed B connector IP67	L= 10m



End Feed

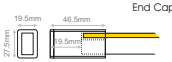
Single Coloured	TW / DW	RGB	Description	Length
CON.032	**CON.482**	**CON.241**	End Feed A connector IP67	L= 1m
CON.033	**CON.483**	**CON.243**	End Feed A connector IP67	L= 3m
CON.034	**CON.484**	**CON.244**	End Feed A connector IP67	L= 5m
CON.035	**CON.485**	**CON.245**	End Feed A connector IP67	L= 10m
CON.036	**CON.486**	**CON.246**	End Feed B connector IP67	L= 1m
CON.037	**CON.487**	**CON.247**	End Feed B connector IP67	L= 3m
CON.038	**CON.488**	**CON.248**	End Feed B connector IP67	L= 5m
CON.039	**CON.489**	**CON.249**	End Feed B connector IP67	L= 10m

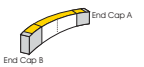




End Cap

Single Coloured, TW / DW, RGB	Description
CAP.402	End Cap A IP67
CAP.410	End Cap B IP67

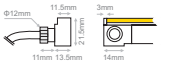


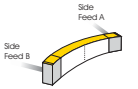


SILICONE
Injection Moulded connection **IP68**

Side Feed

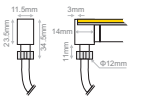
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS017	**CONS466**	**CONS225**	**CONS543**	Side Feed A connector IP68	L= 1m
CONS019	**CONS468**	**CONS227**	**CONS545**	Side Feed A connector IP68	L= 3m
CONS021	**CONS470**	**CONS229**	**CONS547**	Side Feed A connector IP68	L= 5m
CONS024	**CONS472**	**CONS231**	**CONS549**	Side Feed A connector IP68	L= 10m
CONS018	**CONS467**	**CONS226**	**CONS544**	Side Feed B connector IP68	L= 1m
CONS020	**CONS469**	**CONS228**	**CONS546**	Side Feed B connector IP68	L= 3m
CONS023	**CONS471**	**CONS230**	**CONS548**	Side Feed B connector IP68	L= 5m
CONS025	**CONS473**	**CONS232**	**CONS550**	Side Feed B connector IP68	L= 10m

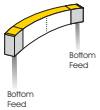




Bottom Feed

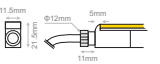
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS026	**CONS474**	**CONS233**	**CONS524**	Bottom Feed connector IP68	L= 1m
CONS027	**CONS475**	**CONS234**	**CONS525**	Bottom Feed connector IP68	L= 3m
CONS028	**CONS476**	**CONS235**	**CONS526**	Bottom Feed connector IP68	L= 5m
CONS029	**CONS477**	**CONS236**	**CONS515**	Bottom Feed connector IP68	L= 10m

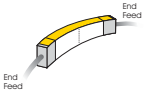




End Feed

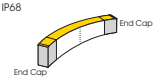
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS022	**CONS478**	**CONS237**	**CONS521**	End Feed connector IP68	L= 1m
CONS030	**CONS479**	**CONS238**	**CONS522**	End Feed connector IP68	L= 3m
CONS031	**CONS480**	**CONS239**	**CONS523**	End Feed connector IP68	L= 5m
CONS208	**CONS481**	**CONS240**	**CONS516**	End Feed connector IP68	L= 10m





End Cap

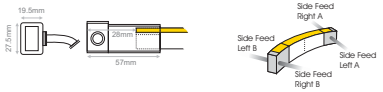
Single Coloured, TW / DW, RGB, RGBW / RGBA	Description
CAPS401	End Cap IP68



SILICONE
Snap connection **IP67**

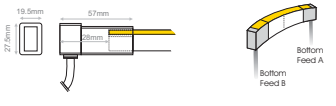
Side Feed

Single Coloured	TW / DW	RGB	Description	Length
CONS048	**CONS498**	**CONS258**	Side Feed Left A connector IP67	L= 1m
CONS049	**CONS499**	**CONS259**	Side Feed Left A connector IP67	L= 3m
CONS050	**CONS500**	**CONS260**	Side Feed Left A connector IP67	L= 5m
CONS051	**CONS501**	**CONS261**	Side Feed Left A connector IP67	L= 10m
CONS056	**CONS506**	**CONS266**	Side Feed Right A connector IP67	L= 1m
CONS057	**CONS507**	**CONS267**	Side Feed Right A connector IP67	L= 3m
CONS058	**CONS508**	**CONS268**	Side Feed Right A connector IP67	L= 5m
CONS059	**CONS509**	**CONS269**	Side Feed Right A connector IP67	L= 10m
CONS052	**CONS502**	**CONS262**	Side Feed Left B connector IP67	L= 1m
CONS053	**CONS503**	**CONS263**	Side Feed Left B connector IP67	L= 3m
CONS054	**CONS504**	**CONS264**	Side Feed Left B connector IP67	L= 5m
CONS055	**CONS505**	**CONS265**	Side Feed Left B connector IP67	L= 10m
CONS060	**CONS510**	**CONS271**	Side Feed Right B connector IP67	L= 1m
CONS061	**CONS511**	**CONS272**	Side Feed Right B connector IP67	L= 3m
CONS062	**CONS512**	**CONS273**	Side Feed Right B connector IP67	L= 5m
CONS063	**CONS513**	**CONS274**	Side Feed Right B connector IP67	L= 10m



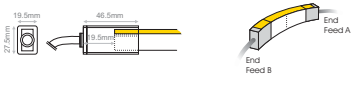
Bottom Feed

Single Coloured	TW / DW	RGB	Description	Length
CONS040	**CONS490**	**CONS250**	Bottom Feed A connector IP67	L= 1m
CONS041	**CONS491**	**CONS251**	Bottom Feed A connector IP67	L= 3m
CONS042	**CONS492**	**CONS252**	Bottom Feed A connector IP67	L= 5m
CONS043	**CONS493**	**CONS253**	Bottom Feed A connector IP67	L= 10m
CONS044	**CONS494**	**CONS254**	Bottom Feed B connector IP67	L= 1m
CONS045	**CONS495**	**CONS255**	Bottom Feed B connector IP67	L= 3m
CONS046	**CONS496**	**CONS256**	Bottom Feed B connector IP67	L= 5m
CONS047	**CONS497**	**CONS257**	Bottom Feed B connector IP67	L= 10m



End Feed

Single Coloured	TW / DW	RGB	Description	Length
CONS032	**CONS482**	**CONS241**	End Feed A connector IP67	L= 1m
CONS033	**CONS483**	**CONS243**	End Feed A connector IP67	L= 3m
CONS034	**CONS484**	**CONS244**	End Feed A connector IP67	L= 5m
CONS035	**CONS485**	**CONS245**	End Feed A connector IP67	L= 10m
CONS036	**CONS486**	**CONS246**	End Feed B connector IP67	L= 1m
CONS037	**CONS487**	**CONS247**	End Feed B connector IP67	L= 3m
CONS038	**CONS488**	**CONS248**	End Feed B connector IP67	L= 5m
CONS039	**CONS489**	**CONS249**	End Feed B connector IP67	L= 10m



End Cap

Single Coloured, TW / DW, RGB	Description
CAPS402	End Cap A IP67
CAPS410	End Cap B IP67

PROFILES

Surface

Code	Description
PRF.418	Aluminium Profile with elastic tape 15.9x24.8 Length: 2m
PRF.069	Aluminium Profile 13.8x22 Length: 2m
PRF.022	Aluminium Profile U TYPE 16x30 Length: 2m
PRF.074	Aluminium Profile Lock 16.8x23.7 Length: 2m
PRF.403	Aluminium Profile Lock 16.2x25.6 Length: 2m

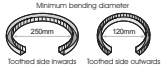
Plastic Surface

Code	Description
PRF.420	Plastic Profile Tranasparent 16x26.4 Length: 2m
PRF.401	Plastic Profile 14x24 Length: 2m

Recessed

	Code	Description
	PRF.419	Aluminium Profile with elastic tape 25.5x24.8 Length: 2m
	PRF.024	Aluminium Profile OMEGA 30x30 Length: 2m
	PRF.404	Aluminium Profile 20.3x24.6 Length: 2m

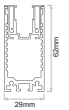
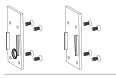
Bendable

	Code	Description
	**PRF.412**	Bendable ALuminium Profile with elastic tape 15.9x24.8 Length: 1m
	PRF.402	Bendable Stainless Steel profile 13.2x24.5 Length: 1m

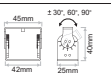
Holder

	Code	Description
	PRH.106	Stainless Steel 316 Holder 14x23.2 Length: 0.035m
	PRH.031	Bendable Stainless Steel Holder 13.2x24.5 Length: 0.093m

Surface / Pendant

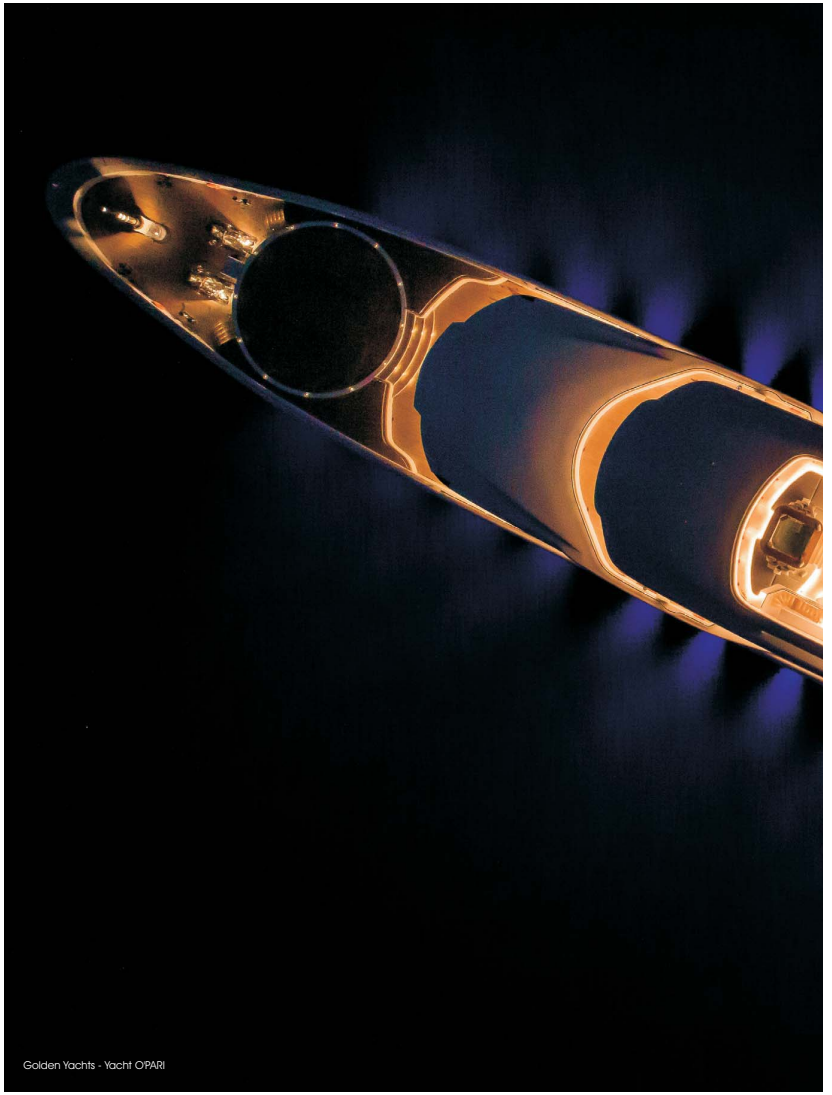
	Code	Description
	**PRF.422**	Surface/ Pendant Aluminium Profile 29x62 Length: 2m
	**CAP.424** **CAP.425**	Front cap for PRF.422 End cap for PRF.422
	PRF.424	Inner aluminium profile for PRF.422
	ACC.191 **ACC.233**	Ceiling Suspension 150cm Ceiling Suspension 300cm

Extras

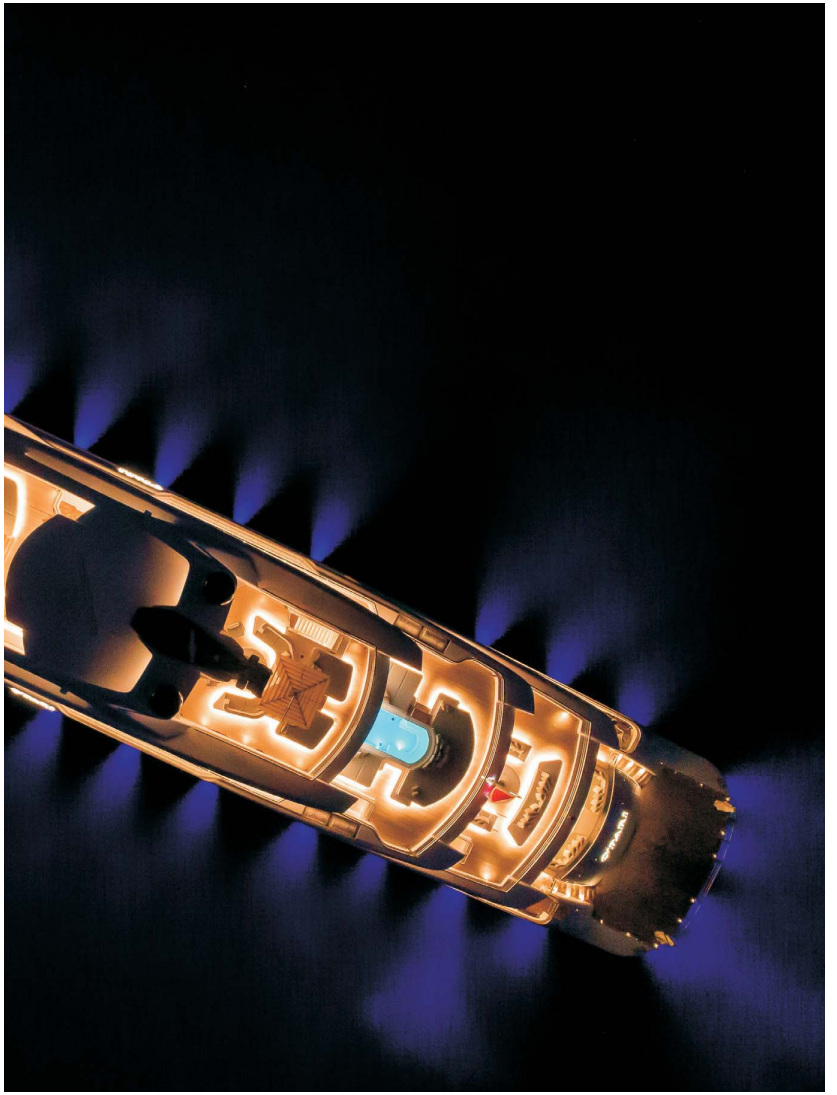
	Code	Description
	**PRH.122**	Stainless Steel Bracket 45x40 for surface Aluminium profiles for Milky LED FLAT
	PRH.123	Stainless Steel Bracket 26x21 for surface Aluminium profiles for Milky LED FLAT
	PRH.124	Aluminium L Holder 70x25 for surface Aluminium profiles for Milky LED FLAT
	ACC.125	Scissor

Male and Female connectors available upon request.

All connectors are supplied with waterproof junction protection barrel.



Golden Yachts - Yacht OPARI



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

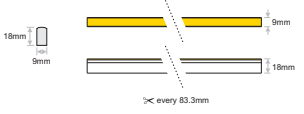
SLIM H MILKY LED

Flexible LEDs

- Slim Milky LED with Horizontal bending.
- Available: Injection moulded IP67, Double Injection Moulded IP68, Snap DIY IP67.
- It is ideal for outdoor illumination on hightlighting buildings.
- Can ideally be used with aluminium channel.
- Available in standard length or available with injection moulded process IP67 or IP68 in custom lengths.
- UV, Solvents, and Saltwater resistant.
- IK08 protection.
- Available with 72 LEDs/m, 4.5W/m.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

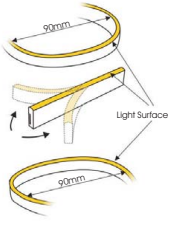
> Maximum connecting length: 10m (for longer lengths also use reverse supply connector)
> Cutting units: Every 83.3mm (check cutting marks on product)



All connectors are supplied with waterproof junction protection barrel

FRAGILE
Only Bend Horizontally

Do not bend smaller than allowed minimum bend diameter.



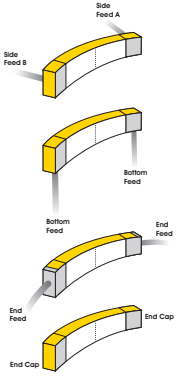
Slim Horizontal Bend | 24VDC | IP67 Injection Moulded | IP68 Injection Moulded | IP67 Snap Connention

Code	No.LED/m	Watt/m	Reel(m)	CCT*	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIV.454	72	4.5W	20	2200K	110	24VDC	120°	83.3
TIV.453	72	4.5W	20	2700K	114	24VDC	120°	83.3
TIV.448	72	4.5W	20	3000K	116	24VDC	120°	83.3
TIV.455	72	4.5W	20	4000K	120	24VDC	120°	83.3
TIV.456	72	4.5W	20	5700K	125	24VDC	120°	83.3

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the ✂ sign on the rear side of the modules

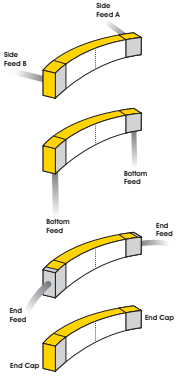
Injection Moulded connection IP67

	Code	Description	Length
Side Feed	**CON.064**	Side Feed A connector IP67	L= 1m
	CON.066	Side Feed A connector IP67	L= 3m
	CON.068	Side Feed A connector IP67	L= 5m
	CON.070	Side Feed A connector IP67	L= 10m
	CON.065	Side Feed B connector IP67	L= 1m
	CON.067	Side Feed B connector IP67	L= 3m
	CON.069	Side Feed B connector IP67	L= 5m
	CON.071	Side Feed B connector IP67	L= 10m
Bottom Feed	**CON.072**	Bottom Feed connector IP67	L= 1m
	CON.073	Bottom Feed connector IP67	L= 3m
	CON.074	Bottom Feed connector IP67	L= 5m
	CON.075	Bottom Feed connector IP67	L= 10m
End Feed	**CON.076**	End Feed connector IP67	L= 1m
	CON.077	End Feed connector IP67	L= 3m
	CON.078	End Feed connector IP67	L= 5m
	CON.079	End Feed connector IP67	L= 10m
End Cap	**CAP.403**	End Cap IP67	



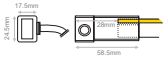
Injection Moulded connection IP68

	Code	Description	Length
Side Feed	**CON.080**	Side Feed A connector IP68	L= 1m
	CON.082	Side Feed A connector IP68	L= 3m
	CON.084	Side Feed A connector IP68	L= 5m
	CON.087	Side Feed A connector IP68	L= 10m
	CON.081	Side Feed B connector IP68	L= 1m
	CON.083	Side Feed B connector IP68	L= 3m
	CON.086	Side Feed B connector IP68	L= 5m
	CON.088	Side Feed B connector IP68	L= 10m
Bottom Feed	**CON.089**	Bottom Feed connector IP68	L= 1m
	CON.090	Bottom Feed connector IP68	L= 3m
	CON.091	Bottom Feed connector IP68	L= 5m
	CON.092	Bottom Feed connector IP68	L= 10m
End Feed	**CON.093**	End Feed connector IP68	L= 1m
	CON.094	End Feed connector IP68	L= 3m
	CON.085	End Feed connector IP68	L= 5m
	CON.095	End Feed connector IP68	L= 10m
End Cap	**CAP.404**	End Cap IP68	

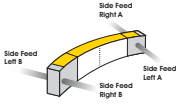


Snap connection IP67

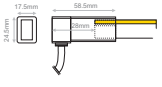
Side Feed



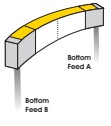
Code	Description	Length
CON.112	Side Feed Left A connector IP67	L= 1m
CON.113	Side Feed Left A connector IP67	L= 3m
CON.114	Side Feed Left A connector IP67	L= 5m
CON.115	Side Feed Left A connector IP67	L= 10m
CON.120	Side Feed Right A connector IP67	L= 1m
CON.121	Side Feed Right A connector IP67	L= 3m
CON.122	Side Feed Right A connector IP67	L= 5m
CON.123	Side Feed Right A connector IP67	L= 10m
CON.116	Side Feed Left B connector IP67	L= 1m
CON.117	Side Feed Left B connector IP67	L= 3m
CON.118	Side Feed Left B connector IP67	L= 5m
CON.119	Side Feed Left B connector IP67	L= 10m
CON.124	Side Feed Right B connector IP67	L= 1m
CON.125	Side Feed Right B connector IP67	L= 3m
CON.126	Side Feed Right B connector IP67	L= 5m
CON.127	Side Feed Right B connector IP67	L= 10m



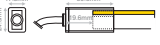
Bottom Feed



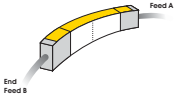
Code	Description	Length
CON.104	Bottom Feed A connector IP67	L= 1m
CON.105	Bottom Feed A connector IP67	L= 3m
CON.106	Bottom Feed A connector IP67	L= 5m
CON.107	Bottom Feed A connector IP67	L= 10m
CON.108	Bottom Feed B connector IP67	L= 1m
CON.109	Bottom Feed B connector IP67	L= 3m
CON.110	Bottom Feed B connector IP67	L= 5m
CON.111	Bottom Feed B connector IP67	L= 10m



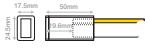
End Feed



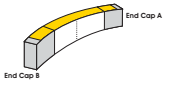
Code	Description	Length
CON.096	End Feed A connector IP67	L= 1m
CON.097	End Feed A connector IP67	L= 3m
CON.098	End Feed A connector IP67	L= 5m
CON.099	End Feed A connector IP67	L= 10m
CON.100	End Feed B connector IP67	L= 1m
CON.101	End Feed B connector IP67	L= 3m
CON.102	End Feed B connector IP67	L= 5m
CON.103	End Feed B connector IP67	L= 10m



End Cap



Code	Description
CAP.405	End Cap A IP67
CAP.409	End Cap B IP67



All connectors are supplied with waterproof junction protection barrel

Male and Female connector

ACC.125
Scissors for cutting Milky Top V

Profiles & Accessories for SLIM H Milky LED

		Code	Description
		PRF.050	Aluminium Profile for Milky Slim H 11.7x21.5mm Length: 2m
		PRF.073	Aluminium Profile Lock for Milky Slim H 12.8x22.3mm Length: 2m
		PRF.406	Recessed Aluminium Profile for Milky Slim H 18x21mm Length: 2m
		PRF.400	Plastic Profile for Milky Slim H 11x21mm Length: 2m

Shipping Company Headquarters, Athens, Greece

TOP V MILKY LED

- TOP V Milky LED is fully encapsulated Vertical bending flexible linear LED.
- Available with NICHIA smd LEDS or in standard version.
- Available in PVC or Silicone.
- Bin/Step: Monochromatic White LEDs PVC: 4 SDCM
- Bin/Step: Monochromatic White LEDs Silicone: 3 SDCM
- Monochromatic White LEDs available in CRI80 and/or CRI90.
- Available IP protection rate: Injection Moulded IP67, Double Injection Moulded IP68, or Snap IP67.
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- Standard IP68 connectors : depth up to 2m.
- Special IP68 connectors: depth up to 5m only available upon request.
- IK 08 Protection.
- Can ideally be used with recessed, surface, or pendant aluminium profiles.

Max connection lengths:

PVC:
- Monochromatic, RGB: 10m single supply / 20m double supply.
- Dim to Warm & Tunable White: 15m single supply / 30m double supply.
- RGBW: 5m single supply / 10m double supply.

Silicone:
- Monochromatic, RGB: 15m single supply / 30m double supply.
- Dim to Warm & Tunable White: 15m single supply / 60m double supply.
- RGBW: 10m single supply / 20m double supply.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

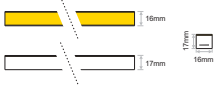
- √ UV Resistant
- √ Solvent Resistant
- √ Saltwater Resistant
- √ Flame Resistant

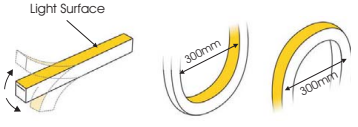
- √ Monochromatic
- √ Tunable White
- √ Dim to Warm
- √ RGB, RGBW

PVC

SILICONE

All connectors are supplied with waterproof junction protection barrel





PVC

TOP Vertical Bend | 24VDC | IP67 Injection Moulded | IP68 Injection Moulded | IP67 Snap Connention

LIGHTSOURCE BY NICHIA

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIV.464	108	12W	20	2500K	80	360	24VDC	120°	55.6
TIV.457	108	12W	20	2700K	80	360	24VDC	120°	55.6
TIV.052	108	12W	20	3000K	80	360	24VDC	120°	55.6
TIV.465	108	12W	20	3500K	80	400	24VDC	120°	55.6
TIV.458	108	12W	20	4000K	80	400	24VDC	120°	55.6
TIV.466	108	12W	20	4500K	80	400	24VDC	120°	55.6
TIV.459	108	12W	20	5000K	80	400	24VDC	120°	55.6
Tunable White									
TIV.732	144	12W	20	Tunable White 2500K~5000K	80	180~180	24VDC	120°	83.3
RGB									
TIV.472	72	12W	20	RGB	80	R:80, G:190, B:30, all:300	24VDC	120°	83.3

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the ✂ sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIV.705	108	12W	20	2200K	80	420	24VDC	120°	55.6
TIV.706	108	12W	20	2700K	80	420	24VDC	120°	55.6
TIV.707	108	12W	20	3000K	80	420	24VDC	120°	55.6
TIV.708	108	12W	20	3500K	80	480	24VDC	120°	55.6
TIV.709	108	12W	20	4000K	80	480	24VDC	120°	55.6
TIV.710	108	12W	20	5700K	80	450	24VDC	120°	55.6
TIV.711	108	12W	20	2700K	90	350	24VDC	120°	55.6
TIV.712	108	12W	20	3000K	90	350	24VDC	120°	55.6
TIV.713	108	12W	20	3500K	90	400	24VDC	120°	55.6
TIV.714	108	12W	20	4000K	90	400	24VDC	120°	55.6
TIV.715	108	8W	20	RED	80	170	24VDC	120°	83.3
TIV.716	108	12W	20	GREEN	80	450	24VDC	120°	55.6
TIV.717	108	12W	20	BLUE	80	85	24VDC	120°	55.6
TIV.718	108	8W	20	AMBER	80	170	24VDC	120°	88.3
Single Coloured High Brightness									
TIV.719	108	12W	20	2200K	80	550 *High Brightness*	24VDC	120°	55.6
TIV.720	108	12W	20	2700K	80	650 *High Brightness*	24VDC	120°	55.6
TIV.481	108	12W	20	3000K	80	650 *High Brightness*	24VDC	120°	55.6
TIV.721	108	12W	20	3500K	80	750 *High Brightness*	24VDC	120°	55.6
TIV.482	108	12W	20	4000K	80	750 *High Brightness*	24VDC	120°	55.6
TIV.722	108	12W	20	5700K	80	700 *High Brightness*	24VDC	120°	55.6
TIV.723	108	15W	20	2200K	80	700 *High Brightness*	24VDC	120°	55.6
TIV.724	108	15W	20	2700K	80	800 *High Brightness*	24VDC	120°	55.6
TIV.725	108	15W	20	3000K	80	800 *High Brightness*	24VDC	120°	55.6
TIV.726	108	15W	20	3500K	80	900 *High Brightness*	24VDC	120°	55.6
TIV.727	108	15W	20	4000K	80	900 *High Brightness*	24VDC	120°	55.6
TIV.728	108	15W	20	5700K	80	850 *High Brightness*	24VDC	120°	55.6
Tunable White									
TIV.729	144	12W	20	Tunable White 2200K - 5700K	80	180~180	24VDC	120°	83.3
RGB-RGBW									
TIV.473	84	12W	20	RGB	80	R:80, G:190, B:30, all:300	24VDC	120°	83.3
TIV.730	84	15W	10	RGBW 2700K	80	R:80, G:190, B:30, W:190	24VDC	120°	83.3
TIV.699	84	15W	10	RGBW 3000K	80	R:80, G:190, B:30, W:190	24VDC	120°	83.3
TIV.731	84	15W	10	RGBW 4000K	80	R:80, G:190, B:30, W:190	24VDC	120°	83.3

* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ✂ sign on the rear side of the modules

SILICONE

TOP Vertical Bend | 24VDC | IP67 Injection Moulded | IP68 Injection Moulded | IP67 Snap Connention

LIGHTSOURCE BY NICHIA

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIVS464	108	12W	20	2500K	80	420	24VDC	120°	55.6
TIVS457	108	12W	20	2800K	80	450	24VDC	120°	55.6
TIVS052	108	12W	20	3200K	80	450	24VDC	120°	55.6
TIVS465	108	12W	20	3700K	80	450	24VDC	120°	55.6
TIVS458	108	12W	20	4200K	80	450	24VDC	120°	55.6
TIVS466	108	12W	20	4500K	80	450	24VDC	120°	55.6
TIVS459	108	12W	20	5000K	80	450	24VDC	120°	55.6
TIVS733	108	12W	20	5700K	80	450	24VDC	120°	55.6
Tunable White									
TIVS732	144	12W	20	Tunable White 2500K~5000K	80	220~270	24VDC	120°	83.3
RGB									
TIVS472	72	12W	20	RGB	80	R:90, G:240, B:40, all:370	24VDC	120°	83.3

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the ✂ sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIVS705	108	12W	20	2200K	80	450	24VDC	120°	55.6
TIVS706	108	12W	20	2700K	80	565	24VDC	120°	55.6
TIVS707	108	12W	20	3000K	80	565	24VDC	120°	55.6
TIVS708	108	12W	20	3500K	80	580	24VDC	120°	55.6
TIVS709	108	12W	20	4000K	80	580	24VDC	120°	55.6
TIVS710	108	12W	20	5700K	80	580	24VDC	120°	55.6
TIVS711	108	12W	20	2700K	90	480	24VDC	120°	55.6
TIVS712	108	12W	20	3000K	90	480	24VDC	120°	55.6
TIVS713	108	12W	20	3500K	90	500	24VDC	120°	55.6
TIVS714	108	12W	20	4000K	90	500	24VDC	120°	55.6
TIVS715	108	8W	20	RED	80	185	24VDC	120°	83.3
TIVS716	108	12W	20	GREEN	80	550	24VDC	120°	55.6
TIVS717	108	12W	20	BLUE	80	120	24VDC	120°	55.6
TIVS718	108	8W	20	AMBER	80	185	24VDC	120°	88.3
Single Coloured High Brightness									
TIVS723	108	15W	20	2200K	80	600 *High Brightness*	24VDC	120°	55.6
TIVS724	108	15W	20	2700K	80	700 *High Brightness*	24VDC	120°	55.6
TIVS725	108	15W	20	3000K	80	700 *High Brightness*	24VDC	120°	55.6
TIVS726	108	15W	20	3500K	80	800 *High Brightness*	24VDC	120°	55.6
TIVS727	108	15W	20	4000K	80	800 *High Brightness*	24VDC	120°	55.6
TIVS728	108	15W	20	5700K	80	800 *High Brightness*	24VDC	120°	55.6
Tunable White									
TIVS729	144	12W	20	Tunable White 2200K - 5700K	80	220~270	24VDC	120°	83.3
Warm Dimming									
TIVS758	192	12W	20	Warm Dimming 1800K - 3000K	80	3.5~600	24VDC	120°	62.5
RGB-RGBW									
TIVS473	84	12W	20	RGB	80	R:90, G:240, B:40, all:370	24VDC	120°	83.3
TIVS730	84	15W	10	RGBW 2700K	80	R:90, G:240, B:40, W:240	24VDC	120°	83.3
TIVS699	84	15W	10	RGBW 3000K	80	R:90, G:240, B:40, W:240	24VDC	120°	83.3
TIVS731	84	15W	10	RGBW 4000K	80	R:90, G:240, B:40, W:240	24VDC	120°	83.3

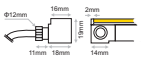
* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ✂ sign on the rear side of the modules

Injection Moulded connection **IP67**

PVC

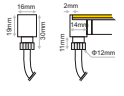
Side Feed

Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.128	**CON.642**	**CON.275**	**CON.610**	Side Feed Left A connector IP67	L= 1m
CON.132	**CON.646**	**CON.279**	**CON.612**	Side Feed Left A connector IP67	L= 3m
CON.136	**CON.650**	**CON.283**	**CON.614**	Side Feed Left A connector IP67	L= 5m
CON.140	**CON.654**	**CON.287**	**CON.616**	Side Feed Left A connector IP67	L= 10m
CON.129	**CON.643**	**CON.276**	**CON.714**	Side Feed Right A connector IP67	L= 1m
CON.133	**CON.647**	**CON.280**	**CON.716**	Side Feed Right A connector IP67	L= 3m
CON.137	**CON.651**	**CON.284**	**CON.718**	Side Feed Right A connector IP67	L= 5m
CON.141	**CON.655**	**CON.288**	**CON.720**	Side Feed Right A connector IP67	L= 10m
CON.130	**CON.644**	**CON.277**	**CON.611**	Side Feed Left B connector IP67	L= 1m
CON.134	**CON.648**	**CON.281**	**CON.613**	Side Feed Left B connector IP67	L= 3m
CON.138	**CON.652**	**CON.285**	**CON.615**	Side Feed Left B connector IP67	L= 5m
CON.142	**CON.656**	**CON.289**	**CON.617**	Side Feed Left B connector IP67	L= 10m
CON.131	**CON.645**	**CON.278**	**CON.715**	Side Feed Right B connector IP67	L= 1m
CON.135	**CON.649**	**CON.282**	**CON.717**	Side Feed Right B connector IP67	L= 3m
CON.139	**CON.653**	**CON.286**	**CON.719**	Side Feed Right B connector IP67	L= 5m
CON.143	**CON.657**	**CON.290**	**CON.721**	Side Feed Right B connector IP67	L= 10m



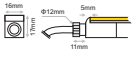
Bottom Feed

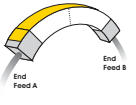
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.144	**CON.658**	**CON.291**	**CON.618**	Bottom Feed connector IP67	L= 1m
CON.145	**CON.659**	**CON.292**	**CON.619**	Bottom Feed connector IP67	L= 3m
CON.146	**CON.660**	**CON.293**	**CON.620**	Bottom Feed connector IP67	L= 5m
CON.147	**CON.661**	**CON.294**	**CON.621**	Bottom Feed connector IP67	L= 10m



End Feed

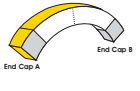
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.148	**CON.662**	**CON.295**	**CON.622**	End Feed connector IP67	L= 1m
CON.149	**CON.663**	**CON.296**	**CON.623**	End Feed connector IP67	L= 3m
CON.150	**CON.664**	**CON.297**	**CON.624**	End Feed connector IP67	L= 5m
CON.151	**CON.665**	**CON.298**	**CON.625**	End Feed connector IP67	L= 10m





End Cap

Single Coloured	TW / DW	RGB	RGBW / RGBA	Description
CAP.406	**CAP.406**	**CAP.413**	**CAP.406**	End Cap IP67

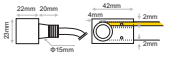


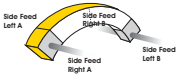
PVC

Injection Moulded connection **IP68**

Side Feed

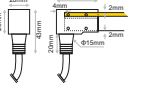
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.152	**CON.666**	**CON.299**	**CON.626**	Side Feed Left A connector IP68	L= 1m
CON.157	**CON.668**	**CON.303**	**CON.628**	Side Feed Left A connector IP68	L= 3m
CON.162	**CON.670**	**CON.307**	**CON.630**	Side Feed Left A connector IP68	L= 5m
CON.166	**CON.672**	**CON.311**	**CON.632**	Side Feed Left A connector IP68	L= 10m
CON.154	**CON.730**	**CON.300**	**CON.722**	Side Feed Right A connector IP68	L= 1m
CON.158	**CON.732**	**CON.304**	**CON.724**	Side Feed Right A connector IP68	L= 3m
CON.163	**CON.734**	**CON.308**	**CON.726**	Side Feed Right A connector IP68	L= 5m
CON.167	**CON.736**	**CON.312**	**CON.728**	Side Feed Right A connector IP68	L= 10m
CON.155	**CON.667**	**CON.301**	**CON.627**	Side Feed Left B connector IP68	L= 1m
CON.160	**CON.669**	**CON.305**	**CON.629**	Side Feed Left B connector IP68	L= 3m
CON.164	**CON.671**	**CON.309**	**CON.631**	Side Feed Left B connector IP68	L= 5m
CON.168	**CON.673**	**CON.313**	**CON.633**	Side Feed Left B connector IP68	L= 10m
CON.156	**CON.731**	**CON.302**	**CON.723**	Side Feed Right B connector IP68	L= 1m
CON.161	**CON.733**	**CON.306**	**CON.725**	Side Feed Right B connector IP68	L= 3m
CON.165	**CON.735**	**CON.310**	**CON.727**	Side Feed Right B connector IP68	L= 5m
CON.169	**CON.737**	**CON.314**	**CON.729**	Side Feed Right B connector IP68	L= 10m





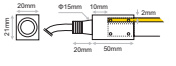
Bottom Feed

Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.170	**CON.674**	**CON.315**	**CON.634**	Bottom Feed connector IP68	L= 1m
CON.153	**CON.675**	**CON.316**	**CON.635**	Bottom Feed connector IP68	L= 3m
CON.171	**CON.676**	**CON.317**	**CON.636**	Bottom Feed connector IP68	L= 5m
CON.172	**CON.677**	**CON.318**	**CON.637**	Bottom Feed connector IP68	L= 10m



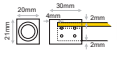
End Feed

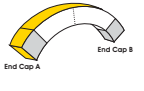
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.173	**CON.678**	**CON.319**	**CON.638**	End Feed connector IP68	L= 1m
CON.174	**CON.679**	**CON.320**	**CON.639**	End Feed connector IP68	L= 3m
CON.175	**CON.680**	**CON.321**	**CON.640**	End Feed connector IP68	L= 5m
CON.159	**CON.681**	**CON.322**	**CON.641**	End Feed connector IP68	L= 10m



End Cap

Single Coloured	TW / DW	RGB	RGBW / RGBA	Description
CAP.407	**CAP.407**	**CAP.414**	**CAP.407**	End Cap IP68



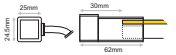


Snap connection **IP67**

PVC

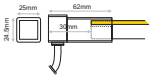
Side Feed

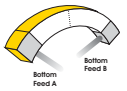
Single Coloured	Description	Length
CON.192	Side Feed Left A connector IP67	L= 1m
CON.193	Side Feed Left A connector IP67	L= 3m
CON.194	Side Feed Left A connector IP67	L= 5m
CON.195	Side Feed Left A connector IP67	L= 10m
CON.200	Side Feed Right A connector IP67	L= 1m
CON.201	Side Feed Right A connector IP67	L= 3m
CON.202	Side Feed Right A connector IP67	L= 5m
CON.203	Side Feed Right A connector IP67	L= 10m
CON.196	Side Feed Left B connector IP67	L= 1m
CON.197	Side Feed Left B connector IP67	L= 3m
CON.198	Side Feed Left B connector IP67	L= 5m
CON.199	Side Feed Left B connector IP67	L= 10m
CON.204	Side Feed Right B connector IP67	L= 1m
CON.205	Side Feed Right B connector IP67	L= 3m
CON.206	Side Feed Right B connector IP67	L= 5m
CON.207	Side Feed Right B connector IP67	L= 10m



Bottom Feed

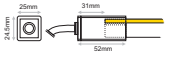
Single Coloured	Description	Length
CON.184	Bottom Feed A connector IP67	L= 1m
CON.185	Bottom Feed A connector IP67	L= 3m
CON.186	Bottom Feed A connector IP67	L= 5m
CON.187	Bottom Feed A connector IP67	L= 10m
CON.188	Bottom Feed B connector IP67	L= 1m
CON.189	Bottom Feed B connector IP67	L= 3m
CON.190	Bottom Feed B connector IP67	L= 5m
CON.191	Bottom Feed B connector IP67	L= 10m

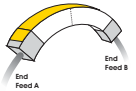




End Feed

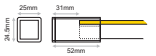
Single Coloured	Description	Length
CON.176	End Feed A connector IP67	L= 1m
CON.177	End Feed A connector IP67	L= 3m
CON.178	End Feed A connector IP67	L= 5m
CON.179	End Feed A connector IP67	L= 10m
CON.180	End Feed B connector IP67	L= 1m
CON.181	End Feed B connector IP67	L= 3m
CON.182	End Feed B connector IP67	L= 5m
CON.183	End Feed B connector IP67	L= 10m

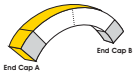




End Cap

Single Coloured, TW / DW, RGB	Description
CAP.408	End Cap IP67



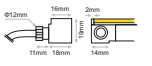


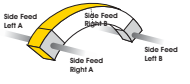
Injection Moulded connection **IP67**

SILICONE

Side Feed

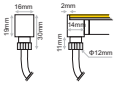
Single Coloured	Description	Length
CONS128	Side Feed Left A connector IP67	L= 1m
CONS132	Side Feed Left A connector IP67	L= 3m
CONS136	Side Feed Left A connector IP67	L= 5m
CONS140	Side Feed Left A connector IP67	L= 10m
CONS129	Side Feed Right A connector IP67	L= 1m
CONS133	Side Feed Right A connector IP67	L= 3m
CONS137	Side Feed Right A connector IP67	L= 5m
CONS141	Side Feed Right A connector IP67	L= 10m
CONS130	Side Feed Left B connector IP67	L= 1m
CONS134	Side Feed Left B connector IP67	L= 3m
CONS138	Side Feed Left B connector IP67	L= 5m
CONS142	Side Feed Left B connector IP67	L= 10m
CONS131	Side Feed Right B connector IP67	L= 1m
CONS135	Side Feed Right B connector IP67	L= 3m
CONS139	Side Feed Right B connector IP67	L= 5m
CONS143	Side Feed Right B connector IP67	L= 10m





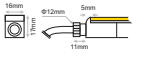
Bottom Feed

Single Coloured	Description	Length
CONS144	Bottom Feed connector IP67	L= 1m
CONS145	Bottom Feed connector IP67	L= 3m
CONS146	Bottom Feed connector IP67	L= 5m
CONS147	Bottom Feed connector IP67	L= 10m



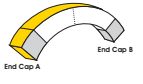
End Feed

Single Coloured	Description	Length
CONS148	End Feed connector IP67	L= 1m
CONS149	End Feed connector IP67	L= 3m
CONS150	End Feed connector IP67	L= 5m
CONS151	End Feed connector IP67	L= 10m



End Cap

Single Coloured	Description
CAPS406	End Cap IP67

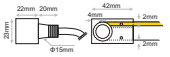


SILICONE

Injection Moulded connection **IP68**

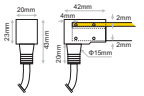
Side Feed

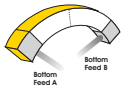
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS152	**CONS666**	**CONS299**	**CONS626**	Side Feed Left A connector IP68	L= 1m
CONS157	**CONS668**	**CONS303**	**CONS628**	Side Feed Left A connector IP68	L= 3m
CONS162	**CONS670**	**CONS307**	**CONS630**	Side Feed Left A connector IP68	L= 5m
CONS166	**CONS672**	**CONS311**	**CONS632**	Side Feed Left A connector IP68	L= 10m
CONS154	**CONS730**	**CONS300**	**CONS722**	Side Feed Right A connector IP68	L= 1m
CONS158	**CONS732**	**CONS304**	**CONS724**	Side Feed Right A connector IP68	L= 3m
CONS163	**CONS734**	**CONS308**	**CONS726**	Side Feed Right A connector IP68	L= 5m
CONS167	**CONS736**	**CONS312**	**CONS728**	Side Feed Right A connector IP68	L= 10m
CONS155	**CONS667**	**CONS301**	**CONS627**	Side Feed Left B connector IP68	L= 1m
CONS160	**CONS669**	**CONS305**	**CONS629**	Side Feed Left B connector IP68	L= 3m
CONS164	**CONS671**	**CONS309**	**CONS631**	Side Feed Left B connector IP68	L= 5m
CONS168	**CONS673**	**CONS313**	**CONS633**	Side Feed Left B connector IP68	L= 10m
CONS156	**CONS731**	**CONS302**	**CONS723**	Side Feed Right B connector IP68	L= 1m
CONS161	**CONS733**	**CONS306**	**CONS725**	Side Feed Right B connector IP68	L= 3m
CONS165	**CONS735**	**CONS310**	**CONS727**	Side Feed Right B connector IP68	L= 5m
CONS169	**CONS737**	**CONS314**	**CONS729**	Side Feed Right B connector IP68	L= 10m



Bottom Feed

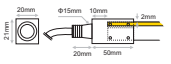
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS170	**CONS674**	**CONS315**	**CONS634**	Bottom Feed connector IP68	L= 1m
CONS153	**CONS675**	**CONS316**	**CONS635**	Bottom Feed connector IP68	L= 3m
CONS171	**CONS676**	**CONS317**	**CONS636**	Bottom Feed connector IP68	L= 5m
CONS172	**CONS677**	**CONS318**	**CONS637**	Bottom Feed connector IP68	L= 10m

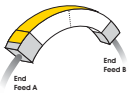




End Feed

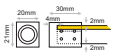
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS173	**CONS678**	**CONS319**	**CONS638**	End Feed connector IP68	L= 1m
CONS174	**CONS679**	**CONS320**	**CONS639**	End Feed connector IP68	L= 3m
CONS175	**CONS680**	**CONS321**	**CONS640**	End Feed connector IP68	L= 5m
CONS159	**CONS681**	**CONS322**	**CONS641**	End Feed connector IP68	L= 10m

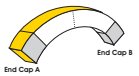




End Cap

Single Coloured	TW / DW	RGB	RGBW / RGBA	Description
CAPS407	**CAPS407**	**CAPS414**	**CAPS407**	End Cap IP68





PROFILES

Surface

		Code	Description
		PRF.115	Aluminium Profile for TOP Milky LED 19x18mm Length: 2m
		PRF.405	Plastic Profile for TOP Milky LED 19x21mm Length: 2m
		PRF.410	Aluminium Profile with elastic tape for TOP Milky LED 20.2x20.8mm Length: 2m
		PRF.413	Aluminium Profile with elastic tape for TOP Milky LED 20.2x20.8mm Length: 0.020m (20mm)

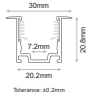
Aluminium & Plastic Surface

		Code	Description
		PRF.425	Aluminium & Plastic Profile for TOP Milky LED 20.8x23mm Length: 2m

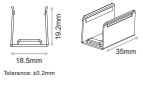
Plastic Surface

	Code	Description
	PRF.414	Plastic Profile for TOP Milky LED 20x23.5mm Length: 2m

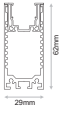
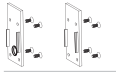
Recessed

	Code	Description
	PRF.426	Recessed Aluminium Profile for TOP Milky LED 28x21mm Length: 2m
	**PRF.411**	Recessed Aluminium Profile with elastic tape for TOP Milky LED 20.2x20.8mm Length: 2m

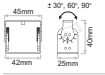
Holder

	Code	Description
	**PRH.105**	Stainless Steel Profile for TOP Milky LED 18.5x19.2.mm Length: 0.035m

Surface / Pendant

		Code	Description
		**PRF.427**	Surface/ Pendant Aluminium Profile for TOP Milky LED 29x62mm Length: 2m
		**CAP.426** **CAP.427**	Front cap for PRF.427 End cap for PRF.427
		PRF.424	Inner aluminium profile for PRF.427
		ACC.191 **ACC.233**	Ceiling Suspension 150cm Ceiling Suspension 300cm

Extras

		Code	Description
		**PRH.122**	Stainless Steel Bracket 45x40 for surface Aluminium profiles
		PRH.123	Stainless Steel Bracket 26x21 for surface Aluminium profiles
		PRH.124	Aluminium L Holder 70x25 for surface Aluminium profiles
		ACC.125	Scissor

Male and Female connectors available upon request.

All connectors are supplied with waterproof junction protection barrel.

MINI TOP MILKY LED

- MINI TOP Milky LED is fully encapsulated Horizontal or Vertical bending flexible linear LED.
- Available in PVC or Silicone.
- Monochromatic White LEDs available in CRI80 and/or CRI90.
- Available IP protection rate: Injection Moulded IP67, Double Injection Moulded IP68, or Snap DIY IP67
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with recessed, surface, or pendant aluminium profiles.

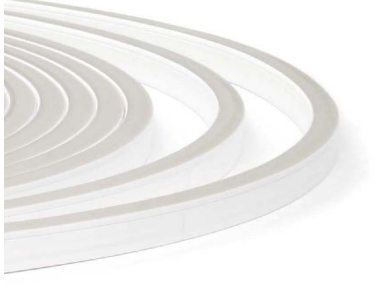
Max connection lengths:

PVC:
- Monochromatic: 10m single supply/ 20m double supply

Silicone:
- Monochromatic: 15m single supply/ 30m double supply

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

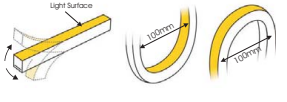
MINI TOP
HORIZONTAL



MINI TOP
VERTICAL

- ✓ UV Resistant
- ✓ Solvent Resistant
- ✓ Saltwater Resistant
- ✓ Flame Resistant

- ✓ Monochromatic
- ✓ Tunable White
- ✓ Dim to Warm
- ✓ RGB, RGBW



MINI TOP
VERTICAL

MINI TOP
HORIZONTAL

All connectors are supplied with
waterproof junction protection barrel

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PVC

MINI TOP Vertical Bend | MINI TOP Horizontal Bend | 24VDC | IP65 Injection Moulded

VERTICAL
Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIV.757	144	4.5W	20	2200K	80	43	24VDC	120°	88.3
TIV.685	144	4.5W	20	2700K	80	43	24VDC	120°	88.3
TIV.686	144	4.5W	20	3000K	80	45	24VDC	120°	88.3
TIV.760	144	4.5W	20	3500K	80	45	24VDC	120°	88.3
TIV.687	144	4.5W	20	4000K	80	45	24VDC	120°	88.3
TIV.762	144	4.5W	20	5700K	80	45	24VDC	120°	88.3
TIV.763	144	4.5W	20	2700K	90	43	24VDC	120°	88.3
TIV.764	144	4.5W	20	3000K	90	43	24VDC	120°	88.3
TIV.765	144	4.5W	20	3500K	90	43	24VDC	120°	88.3
TIV.793	144	4.5W	20	4000K	90	43	24VDC	120°	88.3
TIV.766	144	4.5W	20	RED	80	15	24VDC	120°	88.3
TIV.767	144	4.5W	20	GREEN	80	60	24VDC	120°	88.3
TIV.768	144	4.5W	20	BLUE	80	10	24VDC	120°	88.3
TIV.769	144	4.5W	20	AMBER	80	15	24VDC	120°	88.3

* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ✂ sign on the rear side of the modules

HORIZONTAL
Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIV.775	144	4.5W	20	2200K	80	43	24VDC	120°	88.3
TIV.776	144	4.5W	20	2700K	80	43	24VDC	120°	88.3
TIV.777	144	4.5W	20	3000K	80	45	24VDC	120°	88.3
TIV.778	144	4.5W	20	3500K	80	45	24VDC	120°	88.3
TIV.779	144	4.5W	20	4000K	80	45	24VDC	120°	88.3
TIV.780	144	4.5W	20	5700K	80	45	24VDC	120°	88.3
TIV.781	144	4.5W	20	2700K	90	43	24VDC	120°	88.3
TIV.782	144	4.5W	20	3000K	90	43	24VDC	120°	88.3
TIV.783	144	4.5W	20	3500K	90	43	24VDC	120°	88.3
TIV.794	144	4.5W	20	4000K	90	43	24VDC	120°	88.3
TIV.784	144	4.5W	20	RED	80	15	24VDC	120°	88.3
TIV.785	144	4.5W	20	GREEN	80	60	24VDC	120°	88.3
TIV.786	144	4.5W	20	BLUE	80	10	24VDC	120°	88.3
TIV.787	144	4.5W	20	AMBER	80	15	24VDC	120°	88.3

* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ✂ sign on the rear side of the modules

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SILICONE

MINI TOP Vertical Bend | MINI TOP Horizontal Bend | 24VDC | IP67 Injection Moulded

VERTICAL
Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIVS757	144	4.5W	20	2200K	80	60	24VDC	120°	88.3
TIVS758	144	4.5W	20	2700K	80	62	24VDC	120°	88.3
TIVS759	144	4.5W	20	3000K	80	65	24VDC	120°	88.3
TIVS760	144	4.5W	20	3500K	80	67	24VDC	120°	88.3
TIVS761	144	4.5W	20	4000K	80	67	24VDC	120°	88.3
TIVS762	144	4.5W	20	5700K	80	67	24VDC	120°	88.3
TIVS763	144	4.5W	20	2700K	90	55	24VDC	120°	88.3
TIVS764	144	4.5W	20	3000K	90	55	24VDC	120°	88.3
TIVS765	144	4.5W	20	3500K	90	55	24VDC	120°	88.3
TIVS793	144	4.5W	20	4000K	90	55	24VDC	120°	88.3
TIVS766	144	4.5W	20	RED	80	25	24VDC	120°	88.3
TIVS767	144	4.5W	20	GREEN	80	66	24VDC	120°	88.3
TIVS768	144	4.5W	20	BLUE	80	15	24VDC	120°	88.3
TIVS769	144	4.5W	20	AMBER	80	25	24VDC	120°	88.3

* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ✂ sign on the rear side of the modules

HORIZONTAL
Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIVS775	144	4.5W	20	2200K	80	58	24VDC	120°	88.3
TIVS776	144	4.5W	20	2700K	80	58	24VDC	120°	88.3
TIVS777	144	4.5W	20	3000K	80	65	24VDC	120°	88.3
TIVS778	144	4.5W	20	3500K	80	65	24VDC	120°	88.3
TIVS779	144	4.5W	20	4000K	80	65	24VDC	120°	88.3
TIVS780	144	4.5W	20	5700K	80	65	24VDC	120°	88.3
TIVS781	144	4.5W	20	2700K	90	52	24VDC	120°	88.3
TIVS782	144	4.5W	20	3000K	90	52	24VDC	120°	88.3
TIVS783	144	4.5W	20	3500K	90	52	24VDC	120°	88.3
TIVS794	144	4.5W	20	4000K	90	52	24VDC	120°	88.3
TIVS784	144	4.5W	20	RED	80	15	24VDC	120°	88.3
TIVS785	144	4.5W	20	GREEN	80	60	24VDC	120°	88.3
TIVS786	144	4.5W	20	BLUE	80	10	24VDC	120°	88.3
TIVS787	144	4.5W	20	AMBER	80	15	24VDC	120°	88.3

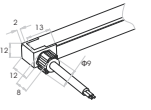
* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ✂ sign on the rear side of the modules

Injection Moulded connection **IP65**

PVC

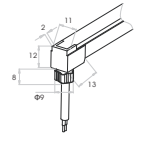
Side Feed

VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CON.738	-	Side Feed Left A connector IP65	L= 1m
CON.742	-	Side Feed Left A connector IP65	L= 3m
CON.746	-	Side Feed Left A connector IP65	L= 5m
CON.750	-	Side Feed Left A connector IP65	L= 10m
CON.739	**CON.762**	Side Feed Right A connector IP65	L= 1m
CON.743	**CON.764**	Side Feed Right A connector IP65	L= 3m
CON.747	**CON.766**	Side Feed Right A connector IP65	L= 5m
CON.751	**CON.768**	Side Feed Right A connector IP65	L= 10m
CON.740	**CON.763**	Side Feed Left B connector IP65	L= 1m
CON.744	**CON.765**	Side Feed Left B connector IP65	L= 3m
CON.748	**CON.767**	Side Feed Left B connector IP65	L= 5m
CON.752	**CON.769**	Side Feed Left B connector IP65	L= 10m
CON.741	-	Side Feed Right B connector IP65	L= 1m
CON.745	-	Side Feed Right B connector IP65	L= 3m
CON.749	-	Side Feed Right B connector IP65	L= 5m
CON.753	-	Side Feed Right B connector IP65	L= 10m



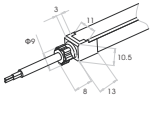
Bottom Feed

VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CON.754	**CON.770**	Bottom Feed connector IP65	L= 1m
CON.755	**CON.771**	Bottom Feed connector IP65	L= 3m
CON.756	**CON.772**	Bottom Feed connector IP65	L= 5m
CON.757	**CON.773**	Bottom Feed connector IP65	L= 10m



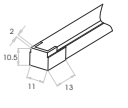
End Feed

VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CON.551	**CON.774**	End Feed connector IP65	L= 1m
CON.759	**CON.775**	End Feed connector IP65	L= 3m
CON.760	**CON.776**	End Feed connector IP65	L= 5m
CON.761	**CON.777**	End Feed connector IP65	L= 10m



End Cap

Single Coloured	Description
CAP.423	End Cap IP65

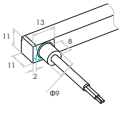


Injection Moulded connection **IP67**

SILICONE

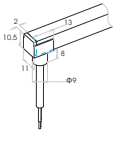
Side Feed

VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CONS778	-	Side Feed Left A connector IP67	L= 1m
CONS782	-	Side Feed Left A connector IP67	L= 3m
CONS786	-	Side Feed Left A connector IP67	L= 5m
CONS790	-	Side Feed Left A connector IP67	L= 10m
CONS779	**CONS802**	Side Feed Right A connector IP67	L= 1m
CONS783	**CONS804**	Side Feed Right A connector IP67	L= 3m
CONS787	**CONS806**	Side Feed Right A connector IP67	L= 5m
CONS791	**CONS808**	Side Feed Right A connector IP67	L= 10m
CONS780	**CONS803**	Side Feed Left B connector IP67	L= 1m
CONS784	**CONS805**	Side Feed Left B connector IP67	L= 3m
CONS788	**CONS807**	Side Feed Left B connector IP67	L= 5m
CONS792	**CONS809**	Side Feed Left B connector IP67	L= 10m
CONS781	-	Side Feed Right B connector IP67	L= 1m
CONS785	-	Side Feed Right B connector IP67	L= 3m
CONS789	-	Side Feed Right B connector IP67	L= 5m
CONS793	-	Side Feed Right B connector IP67	L= 10m



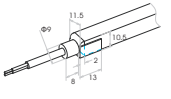
Bottom Feed

VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CONS794	**CONS810**	Bottom Feed connector IP67	L= 1m
CONS795	**CONS811**	Bottom Feed connector IP67	L= 3m
CONS796	**CONS812**	Bottom Feed connector IP67	L= 5m
CONS797	**CONS813**	Bottom Feed connector IP67	L= 10m



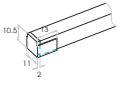
End Feed

VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CONS798	**CONS814**	End Feed connector IP67	L= 1m
CONS799	**CONS815**	End Feed connector IP67	L= 3m
CONS800	**CONS816**	End Feed connector IP67	L= 5m
CONS801	**CONS817**	End Feed connector IP67	L= 10m



End Cap

Single Coloured	Description
CAPS429	End Cap IP67



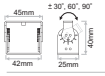
PROFILES

Surface

Code	Description
PRF.416	Surface Aluminium profile for MINI TOP Milky LED 12x13.5mm Length: 2m

Code	Description
PRF.429	Surface Aluminium profile with elastic tape for MINI TOP Milky LED 13.8x14mm Length: 2m Also suitable for pendant installation.

Extras



Code	Description
PRH.122	Stainless Steel Bracket 45x40 for surface Aluminium profiles

Code	Description
PRH.123	Stainless Steel Bracket 26x21 for surface Aluminium profiles

Code	Description
PRH.124	Aluminium L Holder 70x25 for surface Aluminium profiles

Code	Description
ACC.191 **ACC.233**	Ceiling Suspension 150cm Ceiling Suspension 300cm

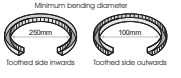
Recessed

Code	Description
PRF.430	Recessed Aluminium profile for MINI TOP Milky LED 18x13.2mm Length: 2m

Code	Description
PRF.431	Recessed Aluminium profile with elastic tape for MINI TOP Milky LED 21.8x14mm Length: 2m

Bendable

Suitable only for TOP H Milky LED



Code	Description
PRF.432	Bendable Aluminium profile with elastic tape for MINI TOP Milky LED 13.8x14mm Length: 1m

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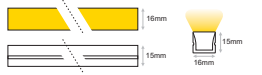
IKEBANA Restaurant, Athens, Greece
Lighting Design: ASight
Photo: Gavrill Papadiotis

BASELINE TWIST MILKY LED

- Baseline TWIST Milky LED is a fully encapsulated, both Vertical & Horizontal bending flexible linear LED.
- Available in Pro or Standard Version.
- Material: Silicone
- Bin Step: Monochromatic White LEDs Silicone: 2SDCM
- L70B10:>54000Hrs
- Available in IP67 protection rate.
- CRI>90 for 2700/3000/3500/4000K
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with surface aluminium profile.



Max connection length:
- Monochromatic: 5 meters single supply

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

✓ UV Resistant
✓ Chemical Resistant

Horizontal & Vertical bending

Horizontal Bend | Vertical Bend | 24VDC | IP67

PRO

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.000	120	10W	5	2700K	>90	610	24VDC	120°	50
BSL.001	120	10W	5	3000K	>90	618	24VDC	120°	50
BSL.002	120	10W	5	3500K	>90	630	24VDC	120°	50
BSL.003	120	10W	5	4000K	>90	650	24VDC	120°	50
BSL.004	120	10W	5	5000K	>80	660	24VDC	120°	50

* Please confirm with the ✂ sign on the rear side of the modules

Standard

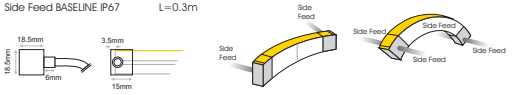
Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.005	120	10W	5	2700K	>90	525	24VDC	120°	50
BSL.006	120	10W	5	3000K	>90	533	24VDC	120°	50
BSL.007	120	10W	5	3500K	>90	540	24VDC	120°	50
BSL.008	120	10W	5	4000K	>90	555	24VDC	120°	50
BSL.009	120	10W	5	5000K	>80	565	24VDC	120°	50

* Please confirm with the ✂ sign on the rear side of the modules

Connection **IP67**

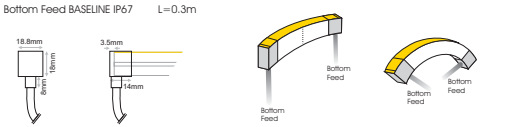
Side Feed

Code for Single Colour	Description	Length
BSL.301	Side Feed BASELINE IP67	L=0.3m



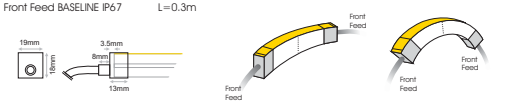
Bottom Feed

Code for Single Colour	Description	Length
BSL.302	Bottom Feed BASELINE IP67	L=0.3m



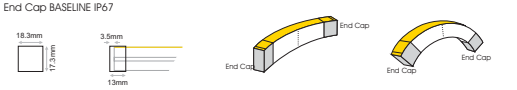
Front Feed

Code for Single Colour	Description	Length
BSL.300	Front Feed BASELINE IP67	L=0.3m



End Cap

Code for Single Colour	Description
BSL.303	End Cap BASELINE IP67

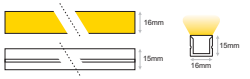


Accessories

Code	Description
PRF.421	BASELINE Aluminium Profile 2m
PRH.088	Mounting Clips stainless steel 316 for BASELINE TWIST MILKY LED

BASELINE V MILKY LED

- Baseline V Milky LED is a fully encapsulated Vertical bending flexible linear LED.
- Available in Pro or Standard Version.
- Material: Silicone
- Bin Step: Monochromatic White LEDs Silicone: 2SDCM
- L70B10>54000Hrs
- Available in IP67 protection rate.
- CRI>90 for 2700/3000/3500/4000K
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with surface aluminium profile.



Max connection length:
- Monochromatic: 17 meters single supply

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

✓ UV Resistant
✓ Chemical Resistant

Vertical bending

Vertical Bend | 24VDC | IP67

PRO

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.010	120	10W	5	2700K	>90	500	24VDC	120°	50
BSL.011	120	10W	5	3000K	>90	510	24VDC	120°	50
BSL.012	120	10W	5	3500K	>90	515	24VDC	120°	50
BSL.013	120	10W	5	4000K	>90	530	24VDC	120°	50
BSL.014	120	10W	5	5300K	>80	540	24VDC	120°	50

* Please confirm with the ✂ sign on the rear side of the modules

Standard

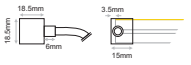
Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.015	120	10W	5	2700K	>90	420	24VDC	120°	50
BSL.016	120	10W	5	3000K	>90	430	24VDC	120°	50
BSL.017	120	10W	5	3500K	>90	435	24VDC	120°	50
BSL.018	120	10W	5	4000K	>90	450	24VDC	120°	50
BSL.019	120	10W	5	5300K	>80	460	24VDC	120°	50

* Please confirm with the ✂ sign on the rear side of the modules

Connection **IP67**

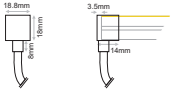
Side Feed

Code for Single Colour	Description	Length
BSL.301	Side Feed BASELINE IP67	L=0.3m



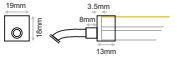
Bottom Feed

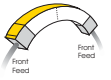
Code for Single Colour	Description	Length
BSL.302	Bottom Feed BASELINE IP67	L=0.3m



Front Feed

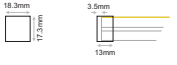
Code for Single Colour	Description	Length
BSL.300	Front Feed BASELINE IP67	L=0.3m

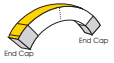




End Cap

Code for Single Colour	Description
BSL.303	End Cap BASELINE IP67





Accessories

Code	Description
PRF.421	BASELINE Aluminium Profile 2m

Code	Description
PRH.088	Mounting Clips stainless steel 316 for BASELINE V MILKY LED

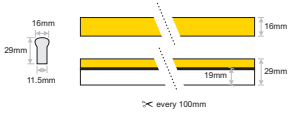
DOME MILKY LED

- DOME Milky LED is available with Nichia SMD LEDs for Monochromatic & RGB, and is also available in standard LED RGB version.
- Available: Injection moulded IP67, Double Injection Moulded IP68, Snap DIY IP67.
- It is ideal for outdoor illumination on highlighting buildings.
- Can ideally be used with aluminium channel.
- Available in standard length or available with injection moulded process IP67 or IP68 in custom lengths.
- UV, Solvents, and Saltwater resistant.
- IK08 protection.
- Available with 60 LEDs/m, 12W/m.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

> Maximum connecting length: 10m (for longer lengths also use reverse supply connector)
> Cutting units: Every 100mm (check cutting marks on product)

Constant Current technology



Dome Horizontal Bend | 24VDC | IP67 Injection Moulded | IP68 Injection Moulded | IP67 Snap Connention

All connectors are supplied with waterproof junction protection barrel

LIGHTSOURCE BY NICHIA

Code	No.LED/m	Watt/m	Reel(m)	CCT*	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIV.467	60	12W	20	2200K	300	24VDC	120°	100
TIV.468	60	12W	20	2500K	320	24VDC	120°	100
TIV.469	60	12W	20	2700K	340	24VDC	120°	100
TIV.795	60	12W	20	3000K	350	24VDC	120°	100
TIV.470	60	12W	20	3500K	360	24VDC	120°	100
TIV.444	60	12W	20	4000K	370	24VDC	120°	100
TIV.471	60	12W	20	4500K	380	24VDC	120°	100
TIV.447	60	12W	20	5000K	390	24VDC	120°	100
TIV.475	60	12W	20	RGB	R: 46 G: 120 B: 21	24VDC	120°	100

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the ✂ sign on the rear side of the modules

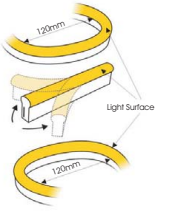
Standard RGB

Code	No.LED/m	Watt/m	Reel(m)	CCT	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
TIV.476	60	12W	20	RGB	R: 43 G:110 B: 19	24VDC	120°	100

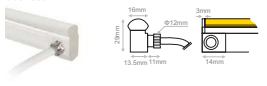
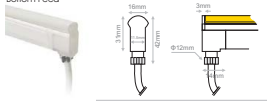
* Please confirm with the ✂ sign on the rear side of the modules

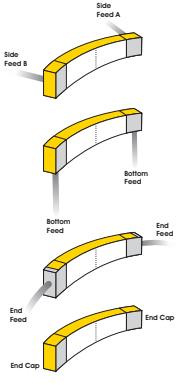
FRAGILE
Only Bend Horizontally

Do not bend smaller than allowed minimum bend diameter.

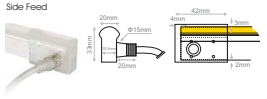
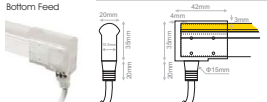
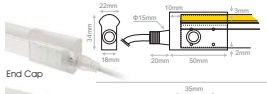


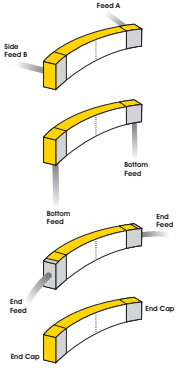
Injection Moulded connection IP67

		Code for Single Colour	Code for RGB	Description	Length
Side Feed		**CON.323**	**CON.386**	Side Feed A connector IP67	L= 1m
		CON.325	**CON.388**	Side Feed A connector IP67	L= 3m
		CON.327	**CON.390**	Side Feed A connector IP67	L= 5m
		CON.329	**CON.392**	Side Feed A connector IP67	L= 10m
		CON.324	**CON.387**	Side Feed B connector IP67	L= 1m
		CON.326	**CON.389**	Side Feed B connector IP67	L= 3m
		CON.328	**CON.391**	Side Feed B connector IP67	L= 5m
		CON.330	**CON.393**	Side Feed B connector IP67	L= 10m
Bottom Feed		**CON.331**	**CON.394**	Bottom Feed connector IP67	L= 1m
		CON.332	**CON.395**	Bottom Feed connector IP67	L= 3m
		CON.333	**CON.396**	Bottom Feed connector IP67	L= 5m
		CON.334	**CON.397**	Bottom Feed connector IP67	L= 10m
End Feed		**CON.335**	**CON.398**	End Feed connector IP67	L= 1m
		CON.336	**CON.399**	End Feed connector IP67	L= 3m
		CON.337	**CON.400**	End Feed connector IP67	L= 5m
		CON.338	**CON.401**	End Feed connector IP67	L= 10m
End Cap		**CAP.416**	**CAP.419**	End Cap IP67	



Injection Moulded connection IP68

		Code for Single Colour	Code for RGB	Description	Length
Side Feed		**CON.334**	**CON.402**	Side Feed A connector IP68	L= 1m
		CON.341	**CON.404**	Side Feed A connector IP68	L= 3m
		CON.343	**CON.406**	Side Feed A connector IP68	L= 5m
		CON.345	**CON.408**	Side Feed A connector IP68	L= 10m
		CON.340	**CON.403**	Side Feed B connector IP68	L= 1m
		CON.342	**CON.405**	Side Feed B connector IP68	L= 3m
		CON.344	**CON.407**	Side Feed B connector IP68	L= 5m
		CON.346	**CON.409**	Side Feed B connector IP68	L= 10m
Bottom Feed		**CON.347**	**CON.410**	Bottom Feed connector IP68	L= 1m
		CON.348	**CON.411**	Bottom Feed connector IP68	L= 3m
		CON.349	**CON.412**	Bottom Feed connector IP68	L= 5m
		CON.350	**CON.413**	Bottom Feed connector IP68	L= 10m
End Feed		**CON.351**	**CON.414**	End Feed connector IP68	L= 1m
		CON.352	**CON.415**	End Feed connector IP68	L= 3m
		CON.353	**CON.416**	End Feed connector IP68	L= 5m
		CON.354	**CON.417**	End Feed connector IP68	L= 10m
End Cap		**CAP.418**	**CAP.420**	End Cap IP68	



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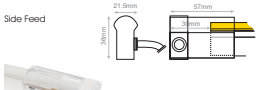
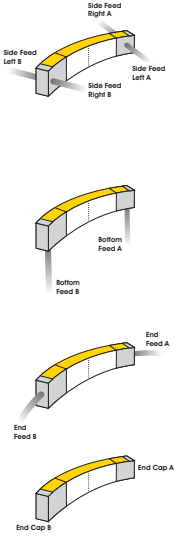
Snap connection IP67

		Code for Single Colour	Code for RGB	Description	Length
Side Feed		**CON.370**	**CON.434**	Side Feed Left A connector IP67	L= 1m
		CON.371	**CON.435**	Side Feed Left A connector IP67	L= 3m
		CON.372	**CON.436**	Side Feed Left A connector IP67	L= 5m
		CON.373	**CON.437**	Side Feed Left A connector IP67	L= 10m
		CON.378	**CON.442**	Side Feed Right A connector IP67	L= 1m
		CON.379	**CON.443**	Side Feed Right A connector IP67	L= 3m
		CON.380	**CON.444**	Side Feed Right A connector IP67	L= 5m
		CON.381	**CON.445**	Side Feed Right A connector IP67	L= 10m
		CON.374	**CON.438**	Side Feed Left B connector IP67	L= 1m
		CON.375	**CON.439**	Side Feed Left B connector IP67	L= 3m
		CON.376	**CON.440**	Side Feed Left B connector IP67	L= 5m
		CON.377	**CON.441**	Side Feed Left B connector IP67	L= 10m
		CON.382	**CON.446**	Side Feed Right B connector IP67	L= 1m
		CON.383	**CON.447**	Side Feed Right B connector IP67	L= 3m
		CON.384	**CON.448**	Side Feed Right B connector IP67	L= 5m
		CON.385	**CON.449**	Side Feed Right B connector IP67	L= 10m
Bottom Feed		**CON.362**	**CON.426**	Bottom Feed A connector IP67	L= 1m
		CON.363	**CON.427**	Bottom Feed A connector IP67	L= 3m
		CON.364	**CON.428**	Bottom Feed A connector IP67	L= 5m
		CON.365	**CON.429**	Bottom Feed A connector IP67	L= 10m
		CON.366	**CON.430**	Bottom Feed B connector IP67	L= 1m
		CON.367	**CON.431**	Bottom Feed B connector IP67	L= 3m
		CON.368	**CON.432**	Bottom Feed B connector IP67	L= 5m
		CON.369	**CON.433**	Bottom Feed B connector IP67	L= 10m
End Feed		**CON.355**	**CON.418**	End Feed A connector IP67	L= 1m
		CON.356	**CON.419**	End Feed A connector IP67	L= 3m
		CON.357	**CON.420**	End Feed A connector IP67	L= 5m
		CON.270	**CON.421**	End Feed A connector IP67	L= 10m
		CON.358	**CON.422**	End Feed B connector IP67	L= 1m
		CON.359	**CON.423**	End Feed B connector IP67	L= 3m
		CON.360	**CON.424**	End Feed B connector IP67	L= 5m
		CON.361	**CON.425**	End Feed B connector IP67	L= 10m
End Cap		**CAP.421**	**CAP.422**	End Cap A IP67	
		CAP.415	**CAP.428**	End Cap B IP67	



All connectors are supplied with waterproof junction protection barrel

Male and Female connector

ACC.125
Scissors for cutting Milky Top V

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Profiles & Accessories for DOME Milky LED

		Code	Description
		PRF.069	Aluminium Profile for Milky DOME 13.8x22mm Length: 2m
		PRF.403	Aluminium Profile Lock for Milky DOME 16.2x25.6mm Length: 2m
		PRF.022	Aluminium Profile U TYPE for Milky DOME 16x30mm Length: 2m
		PRF.024	Aluminium Profile OMEGA for Milky DOME 16x30mm Length: 2m
		PRF.404	Recessed Aluminium Profile for Milky DOME 20.3X24mm Length: 2m
		PRF.401	Plastic profile for Milky DOME 14x24mm Length: 2m
		PRF.402	Bendable Stainless Steel profile for Milky DOME 13.2x24.5mm Length: 900mm

FIBER OPTICS

ELECTRON

METAL HALIDE LIGHT ENGINE

Fiber Optics

- Standard DMX512 signal control or Master/Slave control.
- Four DMX channels, 44 preset programs.
- Digital display.
- Dimmer / STROBE.
- Audio control.
- Twinkle effect.
- UV protected.
- Over-heat protection.
- Ch1: Color, CH2: Speed, CH3: Twinkle, CH4: Dimmer.

Code	Voltage	Lamp	Life of lamp	Max Aperture(mm)	Size(mm)	Weight(kg)
FOE.001 /150DMX	230VAC	CDM-T 150W	6000H	Φ30	L340×W320×H150	11,0

HALOGEN LIGHT ENGINE

- Standard DMX512 signal control or Master/Slave control.
- Two DMX channels, 44 preset programs.
- Digital display.
- 8Colours
- Audio control.
- UV protected.
- Over-heat protection.
- Ch1: Color, CH2: Speed

Code	Voltage	Lamp	Life of lamp	Max Aperture(mm)	Size(mm)	Weight(kg)
FOE.003 /100DMX	230VAC	12V 50/75/100W Halogen	3000H	Φ22	L246×W205×H125	4,0

IP43 LIGHT ENGINE

- Standard DMX512 signal control or Master/Slave control.
- Two DMX channels, 44 preset programs.
- Digital display.
- 8Colours
- IP rating: IP43
- Stainless steel enclosure.
- UV protected.
- Over-heat protection.
- CH1: Color, CH2: Speed

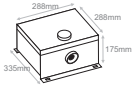
Code	Voltage	Lamp	Life of lamp	Max Aperture(mm)	Size(mm)	Weight(kg)
FOE.004 /150DMX/IP43	230VAC	CDM-T 150W	6000H	Φ30	L335×W328×H190	10,7

DMX LED 80W IP43 LIGHT ENGINE

- Standard aperture: (Φ28mm / Φ30mm)
- IP Rating: IP43

Code	Total Power Consumption	Control Protocol	Colour	Light Source	Luminus Flux	Life of LED	Standard Aperture	IP
FOE.011	90W	DMX or by Remote Control	6 colours	80W CREE LED	6100lm (6000K)	50000H	Φ28mm Φ30mm	IP43

Accessories supplied with the engine



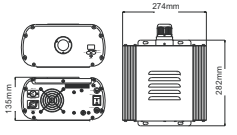
ELECTRON

Fiber Optics

DMX LED 40W & 80W LIGHT ENGINES

- Standard aperture:
- FOE.006 (Φ28mm / Φ24mm / Φ20mm)
- FOE.010 (Φ28mm / Φ30mm)
- Gross Weight: 5.6Kg

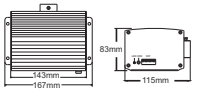
Code	Total Power Consumption	Control Protocol	Colour	Light Source	Luminus Flux	Life of LED	Standard Aperture
FOE.006	50W	DMX or by Remote Control	6 colours	40W CREE LED	3500lm (6000K)	50000H	Φ28mm Φ24mm Φ20mm
FOE.010	90W	DMX or by Remote Control	6 colours	80W CREE LED	6100lm (6000K)	50000H	Φ28mm Φ30mm



Accessories supplied with the engine

DMX LED 10W LIGHT ENGINE

Code	Total Power Consumption	Control Protocol	Colour	Light Source	Life of LED	Standard Aperture
FOE.009	15W	DMX or by Remote Control	6 colours	10W LED	30000H	Φ11mm



Accessories supplied with the engine

ACCESSORIES

Code	Description
FOA.101	Fiber Optic Connector
FOA.102	Fiber Optic End Plug
FOA.103	Fiber Optic Channel
FOA.104	Fiber Optic Clip for FOP.035 & FOP.036
FOA.105	Hot Knife

SINGLE

- Single Fiber Optic

Code	Out.Diam(mm)	Lenght (reel)	Colour	Material
FOP.001	0.5	6000m	Clear	PMMA
FOP.002	0.75	2700m	Clear	PMMA
FOP.003	1.0	1500m	Clear	PMMA
FOP.004	1.5	700m	Clear	PMMA
FOP.005	2.0	350m	Clear	PMMA
FOP.006	2.5	250m	Clear	PMMA
FOP.007	3.0	150m	Clear	PMMA

SINGLE with BLACK PVC JACKET

- Single Fiber Optic with black PVC jacket

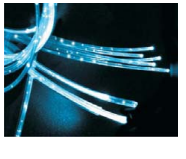
Code	Inner.Diam(mm)	Out.Diam(mm)	Lenght (reel)	Colour	Material
FOP.008	0.75	1.5	5400m	Black	PMMA
FOP.009	1.0	2.2	3000m	Black	PMMA
FOP.010	1.5	3.5	1400m	Black	PMMA
FOP.011	2.0	4.0	250m	Black	PMMA
FOP.012	2.5	4.5	250m	Black	PMMA
FOP.013	3.0	5.0	150m	Black	PMMA

SINGLE & MULTI SIDE EMITTING

- PMMA Side Spot Light Fiber Optic

Code	Strings	Out.Diam(mm)	Lenght (reel)	Colour	Material
FOP.014	1x0.75	0.75	5400m*	Clear	PMMA
FOP.015	1x1.20	1.2	5400m*	Clear	PMMA
FOP.016	1x100	1	3000m**	Clear	PMMA
FOP.017	1x1.60	1.6	3000m**	Clear	PMMA
FOP.018	3x0.75	3.0	900m	Clear	PMMA
FOP.019	3x1.00	3.5	750m	Clear	PMMA
FOP.020	7x0.75	4.0	450m	Clear	PMMA

*FOP.014 & FOP.015 available also in 2700m
**FOP.016 & FOP.017 available also in 1500m



MULTI-STRING END LIGHT

- PMMA Multi-String End Light Fiber Optic

Code	Strings	Out.Diam(mm)	Lenght (reel)*	Colour	Material
FOP.021	7x0.75	3.8	30m	Black	PMMA
FOP.022	25x0,75	7.0	30m	Black	PMMA
FOP.023	50x0,75	9.4	30m	Black	PMMA
FOP.024	75x0.75	10.5	30m	Black	PMMA
FOP.025	100x0.75	12.0	30m	Black	PMMA
FOP.026	126x0.75	13.0	30m	Black	PMMA

*Available also in 60m

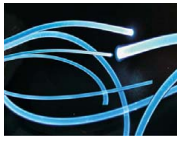
MULTI-STRING SIDE LIGHT

- PMMA Multi-String Side Light Fiber Optic

Code	Strings	Out.Diam(mm)	Lenght (reel)*	Colour	Material
FOP.027	3x14	8.6	30m	Clear	PMMA
FOP.028	6x14	12.6	30m	Clear	PMMA
FOP.029	9x14	15.8	30m	Clear	PMMA

*Available also in 60m

SOLID SIDE LIGHT



- Solid side light fiber optic

Code	Inner.Diam(mm)	Out.Diam(mm)	Lenght (reel)*	Colour	Material
FOP.030	3	3	30m	Clear	PMMA
FOP.031	6	6	30m	Clear	PMMA
FOP.032	3	5	30m	Clear	PMMA
FOP.033	6	8.8	30m	Clear	PMMA
FOP.034	10.1	13	30m	Clear	PMMA
FOP.035	11.1	14	30m	Clear	PMMA
FOP.036	14.1	17.3	30m	Clear	PMMA

*Available also in 60m

SOLID END LIGHT

- Solid End Light Fiber Optic

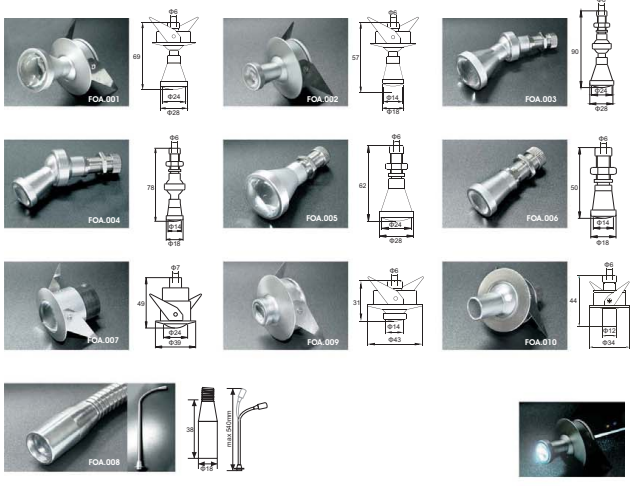
Code	Inner.Diam(mm)	Out.Diam(mm)	Lenght (reel)*	Colour	Material
FOP.037	3.0	5.0	30m	Black	PMMA
FOP.038	6.0	8.6	30m	Black	PMMA
FOP.039	11.0	14.0	30m	Black	PMMA
FOP.040	14.0	17.3	30m	Black	PMMA

*Available also in 60m

CABINET END PIECE

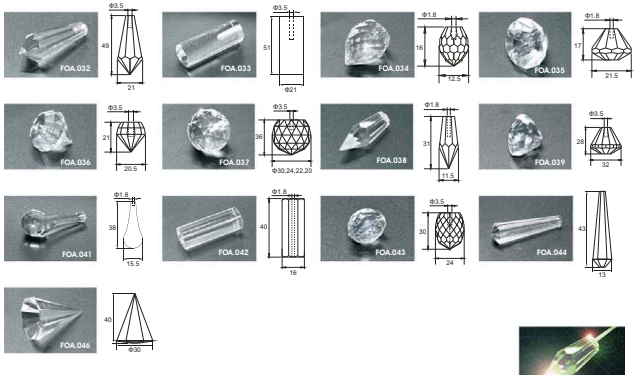
Fiber Optics

Code
FOA.001
FOA.002
FOA.003
FOA.004
FOA.005
FOA.006
FOA.007
FOA.009
FOA.010
FOA.008



CRYSTAL END PIECE

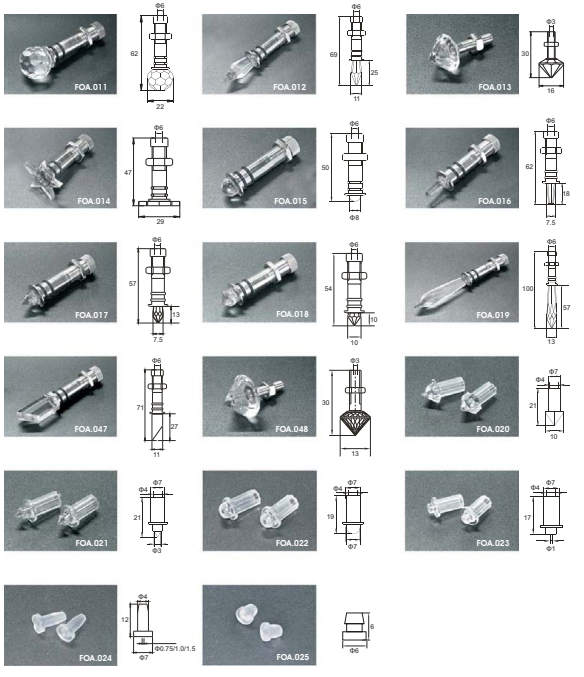
Code
FOA.032
FOA.033
FOA.034
FOA.035
FOA.036
FOA.037
FOA.038
FOA.039
FOA.041
FOA.042
FOA.043
FOA.044
FOA.046



Fiber Optics

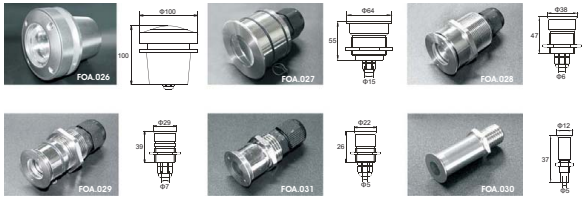
CEILING END PIECE

Code
FOA.011
FOA.012
FOA.013
FOA.014
FOA.015
FOA.016
FOA.017
FOA.018
FOA.019
FOA.047
FOA.048
FOA.020
FOA.021
FOA.022
FOA.023
FOA.024
FOA.025



BURIED END PIECE

Code
FOA.026
FOA.027
FOA.028
FOA.029
FOA.031
FOA.030



FIBER OPTIC KIT / 5mm

Code	Model	No. of Fiber Optics	Watt	Diameter	Length	
LEF.003	FRP.006	32	50W Halogen	5mm	8pcs.x0.80m, 6pcs.x1.20m, 6pcs.x1.80m, 6pcs.x2.20m, 6pcs.x2.50m	230VAC CONTROL BY DMX

Accessories

LAMPS & MORE

ELECTRON

REFIT MODULE 10 IP44

Lamps and More

- LED module ideal for most GU10/MR16 luminaires
- Easy replacement on existing projects
- High efficiency
- Available in four different beam angles
- Available with different dimming options flexible for any project requirement.
- L90/B10 50.000h
- 3SDCM
- IP44 (face only)

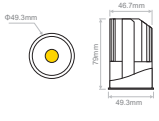
LIGHTSOURCE BY bridgelux.

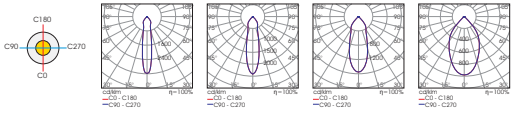
IP44

Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Colour**	Dimming Option	Extra
REFIT MODULE *(REFIT M)*	**10.3W** *(10)*	2700K *(27B)*	*1379lm*	*1138lm*	18° *(18)*	White *(WH)*	Without Driver *(00)*	No Extras *(00)*
		3000K *(30B)*	*1435lm*	*1180lm*	24° *(24)*	Black *(BL)*	Non Dimmable *(ND)*	Emergency *(01)*
		4000K *(40B)*	*1479lm*	*1265lm*	38° *(38)*		Analogue (1-10V) *(A1)*	
					60° *(60)*		DMX *(DX)*	
							DALI *(DL)*	
							Push Button *(PB)*	
							Phase Cut *(PC)*	
							Wireless*** *(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *REFIT M10-30B-80-24-WH-ND-00*





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ELECTRON

Lamps and More

REFIT MODULE 6 IP44

- LED module ideal for most GU10/MR16 luminaires
- Easy replacement on existing projects
- High efficiency
- Available in four different beam angles
- Available with different dimming options flexible for any project requirement.
- L90/B10 50.000h
- 3SDCM
- IP44 (face only)

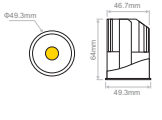
LIGHTSOURCE BY bridgelux.

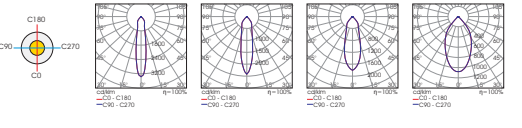
IP44

Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Colour**	Dimming Option	Extra
REFIT MODULE *(REFIT M)*	**6.1W** *(6)*	2700K *(27B)*	*812lm*	*677lm*	18° *(18)*	White *(WH)*	Without Driver *(00)*	No Extras *(00)*
		3000K *(30B)*	*845lm*	*705lm*	24° *(24)*	Black *(BL)*	Non Dimmable *(ND)*	Emergency *(01)*
		4000K *(40B)*	*879lm*	*733lm*	34° *(34)*		Analogue (1-10V) *(A1)*	
					56° *(56)*		DMX *(DX)*	
							DALI *(DL)*	
							Push Button *(PB)*	
							Phase Cut *(PC)*	
							Wireless*** *(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *REFIT M6-30B-80-24-WH-ND-00*





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REFIT WD 6 IP44

- LED module ideal for most GU10/MR16 luminaires
- Easy replacement on existing projects
- High efficiency
- Available in four different beam angles
- Available with dimming options flexible for different project requirements.
- L90/B10 50.000h
- 3 SDCM
- IP44 (face only)

Warm Dimming
1800K to 3000K

LIGHTSOURCE BY bridgelux.

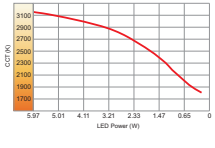
IP44

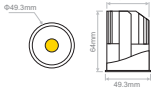
Model	LED Power	CCT	CRI95 / LED Source	Beam Angle	Colour*	Dimming Option	Extra
			95 *(95)*				
REFIT MODULE WD *(REFIT M WD)*	**6.1W** *(6)*	1800K-3000K *(1830B)*	*518lm*	18° *(18)* 24° *(24)* 34° *(34)* 56° *(56)*	White *(WH)* Black *(BL)*	Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless* *(WL)*	No Extras *(00)* Emergency *(01)*

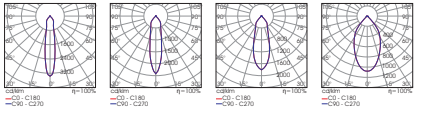
* Other RAL colours available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *REFIT M WD6-1830B-95-24-WH-DL-00*

Warm dimming 3000K to 1800K (6W)







GU10 LED LAMPS
SORAA

WORKS WITH SORAA

Description	Lamp Holder	Watt	Voltage (50/60Hz)	CCT	CRI	Beam Angle	Luminus Flux	Snap Compatible
SORAA Brilliant HL **2700K /7,5W**								
Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	10°	620lm	YES
Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	25°	650lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	36°	650lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	60°	650lm	NO
SORAA Brilliant HL **2700K /9,5W**								
Soraa Brilliant HL	GU10	9.5W	220-240VAC	2700K	90	25°	720lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	2700K	90	36°	720lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	2700K	90	60°	720lm	NO
SORAA Brilliant HL **3000K /7,5W**								
Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	10°	640lm	YES
Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	25°	660lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	36°	660lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	60°	660lm	NO
SORAA Brilliant HL **3000K /9,5W**								
Soraa Brilliant HL	GU10	9.5W	220-240VAC	3000K	90	25°	730lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	3000K	90	36°	730lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	3000K	90	60°	730lm	NO

GU10 LED LAMPS
SORAA

Description	Lamp Holder	Watt	Voltage (50/60Hz)	CCT	CRI	Beam Angle	Luminus Flux	Snap Compatible
SORAA Vivid 2700K /7,5W								
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	10°	390lm	YES
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	25°	410lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	36°	410lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	60°	410lm	NO
SORAA Vivid 2700K /9,5W								
Soraa Vivid	GU10	9.5W	220-240VAC	2700K	95	25°	465lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	2700K	95	36°	465lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	2700K	95	60°	465lm	NO
SORAA Vivid 3000K /7,5W								
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	10°	410lm	YES
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	25°	435lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	36°	435lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	60°	435lm	NO
SORAA Vivid 3000K /9,5W								
Soraa Vivid	GU10	9.5W	220-240VAC	3000K	95	25°	490lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	3000K	95	36°	490lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	3000K	95	60°	490lm	NO
Soraa Vivid 4000K /7,5W								
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	10°	430lm	YES
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	25°	455lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	36°	455lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	60°	455lm	NO

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Snap System LED Accessories
SORAA

Spreader Snap Accessory	Beam
Beam Spreader Snap	17°
Beam Spreader Snap	25°
Beam Spreader Snap	36°
Beam Spreader Snap	60°

Linear Snap Accessory	Beam
Linear Snap	10°-25°
Linear Snap	10°-36°
Linear Snap	10°-60°

Flat to Snap Accessory	Beam
Flat to Snap	25°-25°
Flat to Snap	36°-36°

Louver Snap Accessory	Cutoff Angle
Louver Snap	40°

Aimable Snap Accessory

Aim Lens Snap

CCT Shifter Snap Accessory

CCT Shifter Snap	1/4
CCT Shifter Snap	1/2
CCT Shifter Snap	3/4

Clear Snap Accessory	
Clear Snap	Use this with Gel and Dichroic filter

Enhance Accessory	
Enhance	Color -enhancing filter to modify the spectrum of Soraa Vivid lamps

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GU10 LED LAMPS
SYLVANIA

Description	Lamp Holder	Watt	Voltage (50/60Hz)	CCT	CRI	Beam Angle	Luminus Flux
RefLED Superia Retro ES50 Dimmable Supercolor							
RefLED Retro Superia ES50	GU10	5W	220-240VAC	2700K	90	36°	405lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	3000K	90	36°	405lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	3000K	90	36°	405lm
RefLED Superia Retro ES50 Dimmable							
RefLED Retro Superia ES50	GU10	4.5W	220-240VAC	2700K	80	36°	345lm
RefLED Retro Superia ES50	GU10	4.5W	220-240VAC	3000K	80	36°	345lm
RefLED Retro Superia ES50	GU10	4.5W	220-240VAC	4000K	80	36°	360lm
RefLED Retro Superia ES50	GU10	4.5W	220-240VAC	6500K	80	36°	360lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	2700K	80	36°	450lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	3000K	80	36°	450lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	4000K	80	36°	475lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	6500K	80	36°	475lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	2700K	80	36°	550lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	3000K	80	36°	550lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	4000K	80	36°	580lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	6500K	80	36°	580lm
RefLED Superia Retro ES50							
RefLED Retro Superia ES50	GU10	4W	220-240VAC	2700K	80	36°	345lm
RefLED Retro Superia ES50	GU10	4W	220-240VAC	3000K	80	36°	345lm
RefLED Retro Superia ES50	GU10	4W	220-240VAC	4000K	80	36°	360lm
RefLED Retro Superia ES50	GU10	4W	220-240VAC	6500K	80	36°	360lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	2700K	80	36°	450lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	3000K	80	36°	450lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	4000K	80	36°	475lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	6500K	80	36°	475lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	2700K	80	36°	550lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	3000K	80	36°	600lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	4000K	80	36°	620lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	6500K	80	36°	620lm
RefLED Retro Superia ES50	GU10	7.3W	220-240VAC	2700K	80	36°	700lm
RefLED Retro Superia ES50	GU10	7.3W	220-240VAC	3000K	80	36°	700lm
RefLED Retro Superia ES50	GU10	7.3W	220-240VAC	4000K	80	36°	750lm
RefLED Retro Superia ES50	GU10	7.3W	220-240VAC	6500K	80	36°	750lm

MR16 LED LAMPS
SYLVANIA

Description	Lamp Holder	Watt	Voltage	CCT	CRI	Beam Angle	Luminus Flux
RefLED Superia Retro MR16 Dimmable							
RefLED Retro Superia MR16	GU5.3	4.4W	12V	2700K	80	36°	345lm
RefLED Retro Superia MR16	GU5.3	4.4W	12V	3000K	80	36°	345lm
RefLED Retro Superia MR16	GU5.3	4.4W	12V	4000K	80	36°	380lm
RefLED Retro Superia MR16	GU5.3	4.4W	12V	6500K	80	36°	380lm
RefLED Retro Superia MR16	GU5.3	5.8W	12V	2700K	80	36°	460lm
RefLED Retro Superia MR16	GU5.3	5.8W	12V	3000K	80	36°	460lm
RefLED Retro Superia MR16	GU5.3	5.8W	12V	4000K	80	36°	480lm
RefLED Retro Superia MR16	GU5.3	5.8W	12V	6500K	80	36°	480lm
RefLED Retro Superia MR16	GU5.3	7.5W	12V	2700K	80	36°	621lm
RefLED Retro Superia MR16	GU5.3	7.5W	12V	3000K	80	36°	621lm
RefLED Retro Superia MR16	GU5.3	7.5W	12V	4000K	80	36°	621lm
RefLED Retro Superia MR16	GU5.3	7.5W	12V	6500K	80	36°	621lm
RefLED Retro MR16							
RefLED Retro MR16	GU5.3	4.3W	12V	2700K	80	36°	345lm
RefLED Retro MR16	GU5.3	4.3W	12V	3000K	80	36°	345lm
RefLED Retro MR16	GU5.3	4.3W	12V	4000K	80	36°	345lm
RefLED Retro MR16	GU5.3	4.3W	12V	6500K	80	36°	345lm
RefLED Retro MR16	GU5.3	4.6W	12V	3000K	80	36°	425lm
RefLED Retro MR16	GU5.3	4.6W	12V	4000K	80	36°	425lm
RefLED Retro MR16	GU5.3	4.6W	12V	6500K	80	36°	425lm
RefLED Retro MR16	GU5.3	6W	12V	3000K	80	36°	600lm
RefLED Retro MR16	GU5.3	6W	12V	4000K	80	36°	621lm
RefLED Retro MR16	GU5.3	6W	12V	6500K	80	36°	621lm

T8/T5 LED LAMPS
SYLVANIA

Description	Lamp Holder	Watt	Voltage (50/60Hz)	CCT	CRI	Luminus Flux	Length	Lamp Finish
ToLEDo Superia T8 Universal								
ToLEDo Superia T8 Universal	G13	7.5W	220-240VAC	4000K	80	1100lm	60.4cm	Frosted
ToLEDo Superia T8 Universal	G13	16W	220-240VAC	4000K	80	2400lm	121.4cm	Frosted
ToLEDo Superia T8 Universal	G13	16W	220-240VAC	6500K	80	2400lm	121.4cm	Frosted
ToLEDo Superia T8 Universal	G13	23W	220-240VAC	4000K	80	3600lm	151.4cm	Frosted
ToLEDo Superia T8 Universal	G13	23W	220-240VAC	6500K	80	3600lm	151.4cm	Frosted
ToLEDo T8 Universal								
ToLEDo Superia T8	G13	18W	220-240VAC	4000K	80	2000lm	121.4cm	Frosted
ToLEDo Superia T8	G13	23W	220-240VAC	4000K	80	2800lm	151.4cm	Frosted
ToLEDo Superia T8 CCG & AC								
ToLEDo Superia T8 CCG & AC	G13	15W	220-240VAC	4000K	80	2550lm	121.2cm	Frosted
ToLEDo Superia T8 CCG & AC	G13	18W	220-240VAC	4000K	80	3100lm	121.2cm	Frosted
ToLEDo Superia T8 CCG & AC	G13	18W	220-240VAC	6500K	80	3100lm	121.2cm	Frosted
ToLEDo Superia T8 CCG & AC	G13	24W	220-240VAC	4000K	80	3700lm	151.3cm	Frosted
ToLEDo Superia T8 CCG & AC	G13	24W	220-240VAC	3000K	80	3850lm	151.3cm	Frosted
ToLEDo Superia T8 CCG & AC	G13	24W	220-240VAC	4000K	80	4100lm	151.3cm	Frosted
ToLEDo Superia T8 CCG & AC	G13	24W	220-240VAC	6500K	80	4100lm	151.3cm	Frosted
ToLEDo Superia T5 AC								
ToLEDo Superia T5 AC	G13	16W	220-240VAC	4000K	80	2400lm	114.9cm	Frosted
ToLEDo Superia T5 AC	G13	26W	220-240VAC	4000K	80	3900lm	114.9cm	Frosted
ToLEDo Superia T5 AC	G13	18.5W	220-240VAC	4000K	80	2800lm	144.9cm	Frosted
ToLEDo Superia T5 AC	G13	26W	220-240VAC	4000K	80	3900lm	144.9cm	Frosted

GLS/CANDLE LED LAMPS
SYLVANIA

Description	Lamp Holder	Watt	Voltage	CCT	CRI	Luminus Flux	Finish
ToLEDo Retro GLS Dimmable							
ToLEDo RT GLS Dimmable	B22	7W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT GLS Dimmable	E27	7W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT GLS Dimmable	E27	11.2W	220-240VAC	2700K	80	1521lm	Clear
ToLEDo RT GLS Dimmable	E27	7W	220-240VAC	2700K	80	806lm	Satin
ToLEDo RT GLS Dimmable	E27	9W	220-240VAC	2700K	80	1055lm	Satin
ToLEDo RT GLS Dimmable	E27	9W	220-240VAC	4000K	80	1055lm	Satin
ToLEDo RT GLS Dimmable	E27	9W	220-240VAC	6500K	80	1055lm	Satin
ToLEDo RT GLS Dimmable	E27	11.2W	220-240VAC	2700K	80	1521lm	Satin
ToLEDo RT GLS Dimmable	B22	11.2W	220-240VAC	2700K	80	1521lm	Satin
ToLEDo Retro GLS							
ToLEDo RT GLS	B22	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT GLS	E27	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT GLS	E27	4.5W	220-240VAC	4000K	80	470lm	Clear
ToLEDo RT GLS	E27	6W	220-240VAC	2700K	80	640lm	Clear
ToLEDo RT GLS	B22	7W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT GLS	E27	7W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT GLS	E27	7W	220-240VAC	4000K	80	806lm	Clear
ToLEDo RT GLS	E27	8W	220-240VAC	2700K	80	1055lm	Clear
ToLEDo RT GLS	E27	8W	220-240VAC	4000K	80	1055lm	Clear
ToLEDo RT GLS	E27	11W	220-240VAC	2700K	80	1521lm	Clear
ToLEDo Retro Candle Dimmable							
ToLEDo RT Candle Dimmable	B22	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle Dimmable	E14	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle Dimmable	E27	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle Dimmable	E14	4.5W	220-240VAC	2700K	80	470lm	Satin
ToLEDo RT Candle Dimmable	E14	4.5W	220-240VAC	4000K	80	470lm	Satin
ToLEDo RT Candle Dimmable	E14	4.5W	220-240VAC	6500K	80	470lm	Satin
ToLEDo Retro Candle							
ToLEDo RT Candle	B22	2.5W	220-240VAC	2700K	80	250lm	Clear
ToLEDo RT Candle	E14	2.5W	220-240VAC	2700K	80	250lm	Clear
ToLEDo RT Candle	B22	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle	E14	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle	E27	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle	E14	6W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT Candle	E27	6W	220-240VAC	2700K	80	806lm	Clear

HOMOGENEOUS 5VDC

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

Code	Description	No.LED	Colour	Lamp Holder	Watt	Voltage	Diameter	Beam Angle
LED.301 /CC	HOMOGENEOUS 5W	1	RGB	CABLE	5W	5VDC	51mm	45°

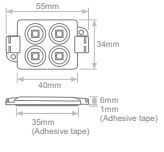
LED MODULE RGB

- LED Modules for illuminating advertising boards, company name and logo boards, etc.
- Ideal for backlighting plexiglass and other special constructions.
- Reduced maintenance costs.
- Bright, diffuse light and saturated colours.
- Outdoor installation IP65.
- Adhesive tape at the rear side of the module.
- SMD LEDs.
- Sold in chain of 20 pcs.

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

Code*	No.LED	Colour	Watt	Dimensions	Voltage	Beam Angle	IP
LEM.012 /CA	4 (RGB in one chip)	RGB	1.3W	55x7x34mm	12VDC	120°	IP65

***Note:** CA=Common Anode



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LED MODULE Samsung

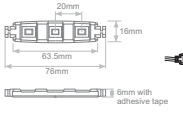
- LED Modules for illuminating advertising boards, company name and logo boards, etc.
- ABS Casing and Aluminium PCB
- Screw hole on the PCB for durable installation
- Adhesive tape at the rear side of the module.
- Standard chain of 50 modules.

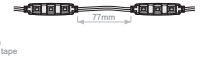
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

SAMSUNG

Code	No.LED	Watt	Dimensions	CCT*	CRI	Luminus FLUX (LM)	Lumen Efficacy	Voltage	Beam Angle	IP
LEM.015	3	1.2W	76x16x6mm	2700K	CRI80+	110 lm	91 lm/W	12VDC	120°	IP67
LEM.014	3	1.2W	76x16x6mm	3000K	CRI80+	115 lm	95 lm/W	12VDC	120°	IP67
LEM.013	3	1.2W	76x16x6mm	4000K	CRI80+	120 lm	100 lm/W	12VDC	120°	IP67
LEM.008	3	1.2W	76x16x6mm	5000K	CRI80+	125 lm	104 lm/W	12VDC	120°	IP67

* Available also in 6000K upon request.





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CHAIN WASH
LED Module 20°x70°

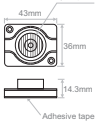
- ABS Casing and Aluminium PCB
- Screw hole on the PCB for durable installation
- LED Modules for illuminating advertising boards, company name and logo boards, etc.
- Adhesive tape at the rear side of the module.
- Standard chain of 21 LED modules (7 sets of 3 modules).
- Cutting every 3 LED modules (on indicative RED cable parts only).

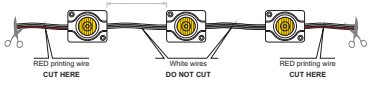
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

LIGHTSOURCE BY SAMSUNG

IP65

Code	3-Module Chain	Watt	CCT	CRI	Voltage	Beam Anlge	IP
LEM.020	3	3x2.7W	3000K	CRI80	12VDC	20°x70°	IP65
LEM.021	3	3x2.7W	4000K	CRI80	12VDC	20°x70°	IP65
LEM.022	3	3x2.7W	6500K	CRI80	12VDC	20°x70°	IP65





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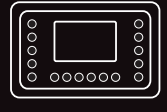
ELECTRON



LIGHTING MANAGEMENT POWER SUPPLIES & CONTROLLERS

ELECTRON

ARLIC
Architectural Lighting Management System

Designed & Manufactured
by ELECTRON SA

ARLIC architectural lighting system capable of managing the lighting needs of medium and multi purpose venues, but also flexible enough to cover the needs of a smaller space where the cost of installation is crucial, yet providing the features of a large system.

ARLIC system consists of:

- ***Control panels of 6 or 18 scenarios.***
- ***8 analogue input interface.***
- ***4 mains voltage (230VAC) input interface.***
- ***Infrared remote control.***
- ***Lighting programmer.***

ARLIC system can control up to 32 scenarios each. Each scenario can be a scene with programmable fade in-out, or a chaser with programmable rate and fade.

By using the 8 analogue input interface it is possible to connect to the system other control panels such as 0-10V, 1-10V rheostats, single push buttons, up-down push buttons, presence detectors and relay contacts. By using the 4 mains voltage (230VAC) input interface it is possible to connect to the system common motion detectors, wall mounted switches (230VAC), as well as to have mains voltage monitoring for emergency functions.

The scenario selection buttons of all the system control panels are programmable. Any scenario can be activated from the desired button. Also, the buttons of each control panel can be grouped and function in different ways of scenario selection. The control panels can, optionally, have an IR receiver so as to accept commands from the system's IR remote control. With the remote control there is the possibility of controlling up to 18 scenarios.

The architectural lighting controller manages all the commands that are sent by the control panels and interfaces, it activates the lighting scenarios and scheduled events and it transfers them to the 512 channels of the DMX-512 output. By this way, any DMX device can be connected to the ARLIC system. The architectural lighting controller is also equipped with a DMX-512 input with an incorporated merger. From the DMX-512 input and by using a DMX control desk it is possible to control the illumination of spaces with capability of de-activating (Blocking) selected control panels.

An Emergency Scenario for each zone can be automatically activated when the ARLIC system detects power failure and activation of the electric generator, avoiding this way network overload. Also, a Panic Scenario for each zone can be activated from an external emergency heavy duty push button for lighting all areas in special cases.

The ARLIC system network (ARLICnet) is based on the Controller Area Network (CAN) protocol which is a real-time, serial, broadcast protocol with a very high level of security.

In ARLICnet there can be up to 96 Nodes of control panels and interfaces, while it is divided in 6 Segments which are connected by the repeaters.
The topology of ARLICnet can be Linear, Star, Tree, Ring or a combination of those.

Ideal in small installations or in applications where cost is a crucial factor, control panels of 6 or 18 scenarios with incorporated DMX output can be used.

The ARLIC lighting control system can manage up to 60 DMX channels, while it is also possible that the control panels have an IR receiver for the IR remote control ARS.004.

The ARLIC can control up to 32 senarios and can support up to 48 nodes (16 control panels ARS.009/010/011/012, 16 analogue interfaces ARS.002 and 16 high voltage interfaces ARS.001). Also emergency lighting conditions are supported by the system.

ARLIC Controllers

ARS.013 WHITE

ARS.013 BLACK

ARS.023 WHITE

ARS.013
Control panel and controller with **6** scenarios and DMX output.

ARS.014
Control panel and controller with **6** scenarios,
infrared receiver and DMX output.

ARS.023
Wall mounted control panel and controller with **6** scenarios and DMX output.

ARS.024
Wall mounted control panel and controller with **6** scenarios,
infrared receiver and DMX output.

ARS.015 WHITE

ARS.015 BLACK

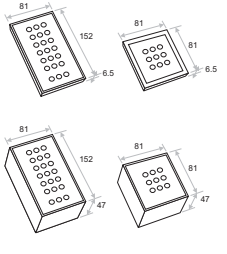
ARS.025 WHITE

ARS.015
Control panel and controller with **18** scenarios and DMX output.

ARS.016
Control panel and controller with **18** scenarios,
infrared receiver and DMX output.

ARS.025
Wall mounted control panel and controller with **18** scenarios and DMX output.

ARS.026
Wall mounted control panel and controller with **18** scenarios,
infrared receiver and DMX output.



ARLIC system:
•Advanced lighting control system.
•Perfect lighting solutions.
•User friendly.

CONTROL PANELS
of 6 & 18 Scenarios for ARLIC

Designed & Manufactured
by ELECTRON SA

- Control panels of 6 and 18 scenarios.
- IR receiver (optional).
- Programmable buttons.
- Button grouping.
- Multiple button operation modes.
- Up and down dimming buttons.
- Monitor LEDs for active scenarios.
- Status backup on power failure.
- DMX-512 output for stand alone operation.
- ARLICnet port.
- Variety of colours.

ARS.009 WHITE

ARS.009 BLACK

ARS.027 WHITE

ARS.009
Control panel with **6** scenarios.

ARS.010
Control panel with **6** scenarios and infrared receiver.

ARS.027
Wall mounted control panel with **6** scenarios.

ARS.028
Wall mounted control panel with **6** scenarios and infrared receiver.

ARS.011 WHITE

ARS.011 BLACK

ARS.029 WHITE

ARS.011
Control panel with **18** scenarios.

ARS.012
Control panel with **18** scenarios and infrared receiver.

ARS.029
Wall mounted control panel with **18** scenarios.

ARS.030
Wall mounted control panel with **18** scenarios and infrared receiver.

- Standard colours for frames and panels are BLACK or WHITE.
- Other colours of frame and panels: GREY, IVORY, STAINLESS STEEL, ANTHRACITE or ALUMINIUM are available at extra cost.

ARLIC
Accessories

Designed & Manufactured
by ELECTRON SA

Analogue interface
ARS.002 for ARLIC

- 8 programmable analogue inputs.
- Input grouping.
- Multiple input operation mode.
- Status backup on power failure.
- ARLICnet port.
- Up to 16 interfaces supported by ARLICnet.

The analogue inputs can be used to connect 0-10V control panels, 1-10V rheostats, single push buttons, up-down push buttons, presence detectors and relay contacts.

High voltage interface
ARS.001 for ARLIC

- 4 programmable H.V. (230VAC) inputs.
- Input grouping.
- Multiple input operation mode.
- Status backup on power failure.
- ARLICnet port.
- Up to 16 interfaces supported by ARLICnet.

The inputs can be used to connect common motion detectors, wall mounted switches or buttons (230VAC), while it is possible to have mains voltage monitoring for emergency functions.

IR remote control
ARS.004 for ARLIC

- Remote control of 18 scenarios.
- Selection of active zone.*
- Up and down dimming buttons.
- Long effective range.
- No command conflict between zones.*
- Each zone can have its own remote control.*
- OFF button.

*Not available functions in the MINI ARLIC system.

Programmer
ARS.008 for ARLIC

- ARLIC system configuration.
- System devices setup.
- Scenario programming.
- Events programming.
- Emergency and panic programming.
- USB port for backup on memory stick.
- ARLICnet port.

Accessories for ARLIC

ARS.017
1-10V electronic rheostat

ARS.018
Wall motion detector

ARS.019
Ceiling motion detector

ARS.020
Presence detector

ARS.021
RJ45 ARLIC net socket

ARS.022
Wall mounted
RJ45 ARLIC net socket

ARS.003
ARLIC net repeater

ARC.004
Recessed wall box for
1 gang control panels.
Supplied for the control
panels if needed.

ARC.005
Recessed wall box for
2 gang control panels.
Supplied for the control
panels if needed.

ARC.006
Plasterboard box for
1 gang control panels.
Supplied for the control
panels if needed.

ARC.007
Plasterboard box for
2 gang control panels.
Supplied for the control
panels if needed.

DMR.730
TRAILING EDGE Dimmer

Designed & Manufactured
by ELECTRON SA

SMRD technology

DMR.730
FLICKER FREE TRAILING EDGE DIMMER
Unaffected from mains fluctuations

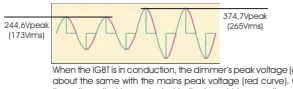
Specially designed for dimmable 230VAC LED lamps.	**The only dimmer which achieves stable output voltage, unaffected from mains fluctuations.**	**Output remains stable even at 230VAC, in power supply voltage range from 173VAC to 265VAC.**

Mains fluctuation immunity

The light intensity adjustment in a common flicker free dimmer is usually based on IGBTs (Insulated Gate Bipolar Transistor).
These dimmers have the ability to vary the conduction angle of the power supply sinusoidal voltage so that regulation of brightness variation of the lamp(s) is achieved.
When IGBT is in conduction state it acts as a switch, and consequently the supply voltage is conducted at the dimmer's output. This means that any fluctuation in the mains voltage is conducted to the lamps and the result is the variation of the lamps' luminosity. Thus, these dimmers are flicker-free concerning their electronic circuit, but the lamps are flickering because of the dimmer's weakness to control the fluctuations of the mains system.

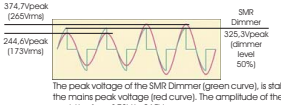
The new SMRD (Switch Mode Regulated Dimmer) technology monitors the mains voltage and stabilizes the output voltage so that this remains stable and unaffected from the network's fluctuations, thus results in the stability of the lamp(s) brightness.

Output curve of a common Trailing edge flicker free dimmer



When the IGBT is in conduction, the dimmer's peak voltage (green curve) is about the same with the mains peak voltage (red curve). Consequently, the voltage that is conducted to the lamp(s) is proportional to the mains' fluctuations.

Output curve of a Trailing edge SMR Dimmer



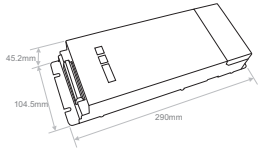
The peak voltage of the SMR Dimmer (green curve), is stable irrespectively of the mains peak voltage (red curve). The amplitude of the mains' fluctuation could be from 173V to 265V.

True output regulation

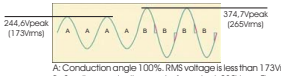
Some dimmers available in the market achieve voltage stabilization by regulating the conduction angle. With this method the RMS voltage can remain stable, however there are three disadvantages:
1) Mains voltage must be always higher than the output voltage.
2) By changing the conduction angle, brightness is affected because the LED Lamp(s) luminosity regulation is depended on the conduction angle of the dimmer.
3) When the dimmer is on at full (conduction angle 100%), there is no possibility to further increase the conduction angle in case of a voltage drop from the network.

SMR technology maintains the output voltage stable with no need of higher mains voltage and without changing the conduction angle. This means that even if the dimmer is at 100%, the output remains at full (230V) in power supply voltage range from 173V to 265V.

SMRD technology

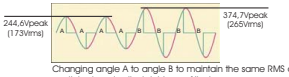


Failure of RMS output voltage stabilization, by changing the conduction angle, when the dimmer is at full (100%).



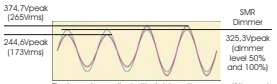
A: Conduction angle 100%. RMS voltage is less than 173Vrms, not 230Vrms.
B: Smaller conduction angle for output 230Vrms. The supply voltage must be higher than 230Vrms.

Stabilization of RMS output voltage by changing the conduction angle.



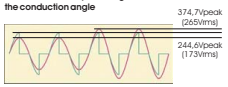
Changing angle A to angle B to maintain the same RMS output voltage, results in changing the brightness of the lamp.

Stabilization of output voltage at 100% of the SMR dimmer



The lamp is supplied with stable voltage even if the mains voltage drops at 173V.

Stabilization of output voltage at 50% of the SMR dimmer without changing the conduction angle



The lamp is supplied with stable voltage and stable conduction angle.

More features of the SMR Dimmer:

Power Factor

LED lamps but also CFLs (Compact Fluorescent Lamps) are usually loads with low power factor (cosθ=0.55-0.75).
Independently from the lamps' power factor, the new SMR dimmer consumes energy with power factor >0.98 (for output level 100%), without affecting the network.

Lamp protection

Due to the special electronic circuits and stabilization the output voltage is always steady and free from spikes and over-voltages protecting the lamps even from complete failure.

Dimming law correction

With the use of two trimmers the dead fields, that usually LED and fluorescent lamps have, are eliminated. The first trimmer is used for the minimum and the other one for the maximum brightness of the lamp. In this way the controller works correctly when adjusting the lamps' brightness.

Master Slave operation

The new SMR dimmer can work as master, controlling multiple SMR dimmers connected at its DMX output. With this feature, as many SMR dimmers as the user likes can be controlled from one controller.

CFL ignition

CFLs (Compact Fluorescent Lamps) in order to ignite need operating voltage of more than approximately 50%. Thus, in order to turn on a CFL at 30% for example, the user should first adjust the dimmer over 50% and afterwards dim it at 30%.
The new SMR dimmer is capable of providing a pulse of 100%, of the output voltage, for 1sec automatically, in case we need to turn on the lamps at percentages less than 50%.

Control inputs

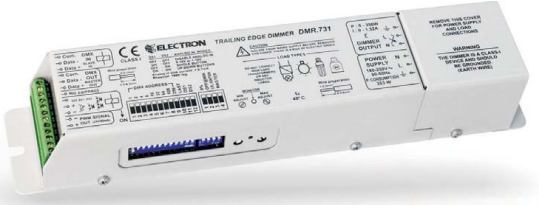
The new SMR dimmer incorporates both DMX-512 and analogue inputs. At the analogue input the user can connect 0/10V, or 1/10V, or rheostat 100kΩ, or button for ON - OFF and dimming, or UP/DOWN button for ON - OFF and dimming.

PWM signal output

The new SMR dimmer incorporates PWM signal output, providing the capability of driving constant voltage and constant current converters of ELECTRON SA. Thus, with one controller the user can control multiple types of lighting fixtures.

DMR.731
TRAILING EDGE Dimmer

Designed & Manufactured
by ELECTRON SA



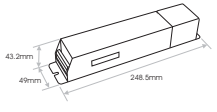
DMR.731
FLICKER FREE TRAILING EDGE DIMMER

Economic solution for controlling:

- **Dimmable LEDs 230V.**
- **Dimmable CFLs .**
- **Trailing edge dimmable Electronic Transformers.**

- Handles great inrush currents.
- Lamps connected up to 350W.
- Diming Law Correction eliminating dead fields of the lamps.
- Master - Slave operation for controlling multiple Dimmers with one controller.
- CFL ignition.
- DMX-512 input.
- Analogue input (0/10V, 1/10V, rheostat 100klog, button, UP/DOWN button).
- PWM signal output can drive ELECTRON SA constant voltage and constant current converters.

Output power 350W
Controlled by IGBT



DIN RAIL
TRAILING EDGE Dimmers
DMR.732, DMR.733, DMR.734, DMR.735, DMR.736

Economic solution for controlling:

- Dimmable LEDs 230V
- Dimmable CFLs
- Dimmable Electronic transformers

Features

- Supports "Aller Retour" between Push Button(s) & 1/10V or Wireless or DMX-512 or DALI (except DMR.736).
- Adjustable minimum level.
- Easily fastened to DIN (EN 60715) RAIL.
- Over temperature protection .

Designed & Manufactured
by ELECTRON SA

Code	Power Sypply	Power Output	Output Current	Dimming Resolution	Dimming Method	Output Channels	Control
DMR.732	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	1-10V, Push Button(s)
DMR.733	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	Wireless*, Push Button(s)
DMR.734	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	DMX-512, Push Button(s)
DMR.735	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	DALI, Push Button(s)
DMR.736	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	Wireless*

***Bluetooth for DMR.733, DMR.736**

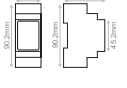
CASAMBI

Casambi uses mesh network technology so each Casambi product acts also as a repeater.
Longer ranges can be achieved by using multiple Casambi units.

** Range is highly depended on the surrounding and obstacles, such as walls and building materials.

Compatible devices:
iPhone 4S or later, iPad 3 or later, iPod Touch 5th gen or later
Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

app available on:
Download on the App Store
ANDROID APP ON Google play



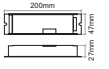
ANALOGUE to DMX MERGER Converter

- Converts nine analogue signal inputs (0/10VDC) into the digital DMX-512 signal
- Ideal for installations with Instabus (KNX/EIB) protocole

Designed & Manufactured by ELECTRON SA

Code	Model	Analogue Inputs	Analogue Inputs Voltage	Input Impedance	DMX-512/1990 Input	DMX-512/1990 Output	Merge of Analogue & Digital Input Data	Supply Voltage	Power Consumption
DEM.001	A102DM	9	0/+10VDC	50KΩ (min.)	YES	YES	YES	12-24VDC	0.7W

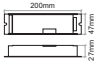
Envir. Temperature: -5°C to 40°C



DMX TO 1-10V & DMX TO 0-10V Converters

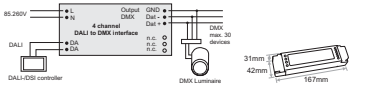
Designed & Manufactured by ELECTRON SA

Code	Model	Input Signal	Output Channels	Output Signal	Supply Voltage	Power Consumption	Description
DEM.004	DM2110	DMX-512 /1990	4	1/10V sink current	24VDC	2.5W	Converts the DMX signal to 4x1...10V sink current (output per channel 20mA)
DEM.005	DM2010	DMX-512 /1990	4	0/10VDC	24VDC	2.5W	Converts the DMX signal to 4x0...10V analogue outputs (output per channel 4mA)



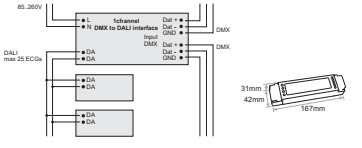
4ch DALI / DSI to DMX Interface

Code	Supply Voltage	Input Signal	Output Signal	No Of control channels
DEM.156	85-260VAC 50-60Hz	DALI / DSI	DMX512	4



1ch DMX to DALI Interface

Code	Supply Voltage	Input Signal	Output Signal	No Of control channels
DEM.181	85-260VAC 50-60Hz	DMX512	DALI	1



PIR MOTION DETECTOR

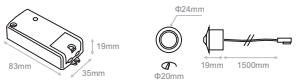
- Smart isolated PIR Sensor Switch Controller, with detachable PIR sensor detector (1,5m cable).
- The controller will turn on the switch output when it detects motion. And turn off automatically after the adjustable delay.
- Wide range operation input voltage from 100VAC to 240VAC.
- Stand by consumption <0,5W
- Detection range: 0,5-2,5m
- Detection angle: 80°
- Delay time: 10-30sec
- PIR Sensor available in white colour as standard. Black colour available upon request.
- Operating temperature range: -20° to +50°C
- Indoor use

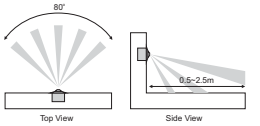
Code	Model	Input Voltage	Delay Time	Detection Angle
SNR.006	**PIR Motion Detector**	AC100V~240V, 50/60Hz	10sec~3min	80°

Max. Lighting load:

Types of load

Range voltage	Incandescent lamp/ HV-halogen lamp	Electronic ballast	Inductance ballast	Electronic transformer	LED driver
AC 100V, 50/60Hz	250VA	80VA	60VA	250VA	80VA
AC 240V, 50/60Hz	250VA	150VA	100VA	250VA	150VA





Bluetooth
Xpress Wireless Interface

Bluetooth

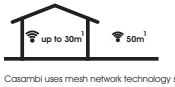
Xpress is a wireless user interface that brings huge flexibility to interior design as furniture can be replaced or even walls can be rebuilt without having to take wiring of switches or switch placement into account. The switch can be kept wherever the user needs it and it gives direct access to all the important Casambi lighting control functionalities.

Code	Colour	Range	Battery (incl.)	Battery Lifetime	Dimensions
CDS.191	White	up to 60m in open air	CR2430 Lithium coin cell	2-5 years, depending on usage	90x90x12mm
CDS.192	Black				

Xpress is equipped with magnets
for easy attachment to a mounting bracket.
The mounting bracket is included.

➡ **Different Casambi enabled products can be used from a simple one luminaire direct control to a complete and full featured light control system where up to 127 units form automatically an intelligent mesh network.**
➡ **Casambi products, should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.**

Range



Casambi uses mesh network technology so each Casambi product acts also as a repeater.
Longer ranges can be achieved by using multiple Casambi units.

Note 1
Range is highly depended on the surrounding and obstacles, such as walls and building materials.

app available on:

Compatible devices:
iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later

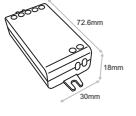
Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

Bluetooth
4ch PWM Dimmer

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, four channel PWM dimmer for constant voltage LED loads
- Ideal partner for RGBW and tunable white (TW) applications.

Code	Supply Voltage	Output Voltage	Max. Output Power	Max. Output Current	Control	Dimming Method	Dimensions	IP Rate
DEM.195	12-24VDC 6A Max. input current	12-24VDC same as input voltage	144W @ 24VDC 72W @ 12VDC	6A can be freely divided between the channels	Casambi app. Bluetooth 4.0 protocol	PWM	72.6x30x18mm	IP20



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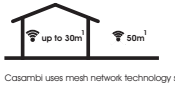
Range



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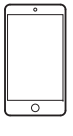

app available on:

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iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later

Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

Bluetooth
4ch PWM Dimmer

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, four channel PWM dimmer for constant voltage LED modules.
- Ideal partner for RGBW and tunable white (TW) applications.
- Suitable for TV studios.

Designed & Manufactured
by ELECTRON SA

Code	Supply Voltage	Output Voltage	Max. Output Power	Total. Output Current	Control	Dimming Method	Dimensions	IP Rate
DEM.214	12-48VDC 10A Max. input current	12-48VDC same as input voltage	480W @ 48VDC 240W @ 24VDC 120W @ 12VDC	10A can be freely divided between the channels or loaded in one channel	Casambi app. Bluetooth 4.0 protocol	PWM (1.95kHz)	70.4x35.5x22mm	IP20
DEM.226	12-48VDC 8A Max. input current	12-48VDC same as input voltage	384W @ 48VDC 192W @ 24VDC 96W @ 12VDC	8A can be freely divided between the channels or loaded in one channel	Casambi app. Bluetooth 4.0 protocol	PWM (3.9kHz)	70.4x35.5x22mm	IP20

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Range

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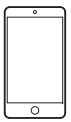


app available on:

Download on the App Store | ANDROID APP ON Google play

Compatible devices:

iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later

Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

ELECTRON

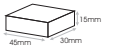
Bluetooth
4 Push Button Controller

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store
- Direct access to all the important Casambi lighting control functionalities.
- Flexibility to interior design & comunication between casambi's devices.
- Small size. Can be placed inside wall mount push button boxes.

Designed & Manufactured
by ELECTRON SA

Code	Supply Voltage	Push Button No.	Control	Dimensions	IP Rate
DEM.215	12-48VDC	4	Casambi app. Bluetooth 4.0 protocol	45x30x15mm	IP40



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Range

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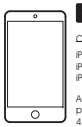

app available on:

Download on the App Store | ANDROID APP ON Google play

Compatible devices:

iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later

Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

Bluetooth
TRAILING EDGE Dimmer

Bluetooth

- Controlled with Casambi app, as well as with traditional wall switches.
  The Casambi app can be downloaded from Apple App Store and Google Play Store.
- Bluetooth trailing-edge dimmer for controlling incandescent lamps, dimmable LED lamps and dimmable LED control gear.

DEM.191

DEM.219

Code	Supply Voltage	Max Output Power	Max Output Current	Control	Dimensions	IP Rate
DEM.191	85-240VAC 50-60Hz 0,65A Max. mains current	150W / 230VAC 70W / 110VAC	0.65A	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20
DEM.219	85-240VAC 50-60Hz 0,65A Max. mains current	150W / 230VAC 70W / 110VAC	0.65A	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20

Load Suitability

Type of load	Max. load
Incandescent and high voltage halogens (R)	150 W
High quality dimmable LED bulbs (C) 1)	50 W
High quality dimmable CFL bulbs (C) 1)	50 W
Trailing edge dimmable LED drivers (C) 1) 2)	50 W
Low voltage halogens with electronic transformers (C) 1) 2)	50W
High voltage AC LED modules (R) 3)	150W
uminescent lamps, non-dimmable LED and CFL bulbs (C)	Not allowed
Wire wound transformers, electric motors and other inductive loads (I)	Not allowed

Never connect inductive loads, such as iron core transformers. This could cause permanent damage to the dimmer. Do not mix different types of loads.

1) Dimming quality depends solely on the load electronics.
   Do not connect more than two LED or CFL bulbs to one CBU-TED.
   Do not mix different types of bulbs or loads.
2) Do not connect more than two electronic transformers to one CBU-TED.
3) Some LED modules may flicker at low dimming levels.

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Range

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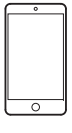


app available on:
App Store | Google play

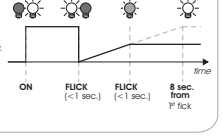
Compatible devices:

iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later

Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

Dimming without app

1. Turn lights on from a wall switch.
2. Quickly flick the wall switch off (max. 1 sec.) and back on. The light level starts to increase gradually.
3. Flick the switch again at desired dim level. The selected level is saved automatically.
4. If the second flick is not done within 8 sec. the light intensity reaches its maximum level.
5. Flicking the switch can also be used to switch between predefined scenes.



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr
ELECTRON

Bluetooth
to 0-10V, 1-10V or DALI Control Unit

Bluetooth

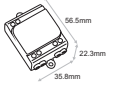
- Controlled with Casambi app, as well as with traditional wall switches.
  The Casambi app can be downloaded from Apple App Store and Google Play Store.
- 0-10V (and 1-10V) or digital Standalone DALI control interface.
- Standalone DALI makes it possible to implement multi-channel lighting systems with adjustable color (RGB and RGBW) or color temperature (CCT), while keeping the wiring and number of components at their minimum.

Code	Supply Voltage	Output Voltage*	Signal Output**	Control	Dimensions	IP Rate
DEM.192	220-240VAC 50Hz 0,6A Max. mains current	220-240VAC 50Hz	0-10VDC or DALI 9-12VDC	Casambi app. Bluetooth 4.0 protocol	56.5x35.8x22.3mm	IP20
DEM.222	220-240VAC 50Hz 0,6A Max. mains current	220-240VAC 50Hz	0-10VDC or DALI 9-12VDC	Casambi app. Bluetooth 4.0 protocol	56.5x35.8x22.3mm	IP20

*For External Relay use only
** Max. number of drivers connented: 1pc

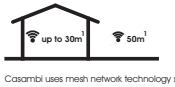
DEM.192

DEM.222



➡ **Different Casambi enabled products can be used from a simple one luminaire direct control to a complete and full featured light control system where up to 127 units form automatically an intelligent mesh network.**
➡ **Casambi products, should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.**

Range



Casambi uses mesh network technology so each DEM.192 acts also as a repeater.
Longer ranges can be achieved by using multiple Casambi units.

Note 1
Range is highly depended on the surrounding and obstacles, such as walls and building materials.

app available on:
App Store | Google play

Compatible devices:

iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later

Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

Dimming without app

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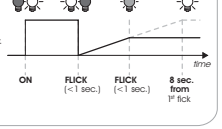

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Bluetooth
to DALI Control Unit

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Integrated DALI power supply that allows to control a maximum of 25 DALI drivers.
- Bluetooth controller must not be connected to DALI lines that are already supplied by a DALI power supply.
- One independent and mains operated push button input.

Code	Supply Voltage	Output Current	Signal Output	Control	Dimensions	IP Rate
DEM.227	220-240VAC 50/60Hz	50mA	DALI (compatible) 4ch single/group addresses	Casambi app. Bluetooth 4.0 protocol	119x30x21mm	IP20

ACC.994
Optional
Straight relief set accessory

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Integrated DALI power supply that allows to control a maximum of 50 DALI drivers.

Code	Supply Voltage	Output Current	Signal Output	Control	Dimensions	IP Rate
DEM.225	220-240VAC 50/60Hz	100mA	DALI	Casambi app. Bluetooth 4.0 protocol	38x38x26mm	IP44

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Range

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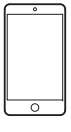
Note 1
Range is highly depended on the surrounding and obstacles, such as walls and building materials.

app available on:



Compatible devices:

iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later

Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

Dimming without app

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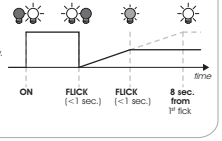

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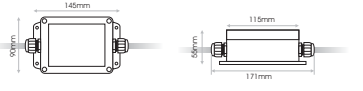
Bluetooth
1ch Relay Switch
With Inrush Current Limiter (ICL)

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, 1ch Relay switch with build-in inrush current limiter.
- Ideal for outdoor use.
- Material: Polycarbonate (pc) housing.
- In/Out H07RN-F rubber cables (3 x 1.5mm^2).
- Maximum connected capacity 2000μF.
- Inrush limiting time: 350ms (+/- 50ms).
- Inrush limiting cycles: 3cycles/minute.
- Continuous current up to 10A.
- Operating temperature: -25..+50C°.

Designed & Manufactured
by ELECTRON SA

Code	Supply Voltage	Peak Current Limitation	RMS Current Limitation	Max. Continuous Current	Max. Continuous Power	Control	Dimensions	IP Rate
DEM.216	220-240VAC / 50Hz	16A	10A	10A rms.	2400W	Casambi app. Bluetooth 4.0 protocol	115x90x55mm	IP65



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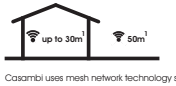
Range



Casambi uses mesh network technology so each DEM.195 acts also as a repeater.
Longer ranges can be achieved by using multiple Casambi units.

Note 1
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app available on:

Compatible devices:

iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later

Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

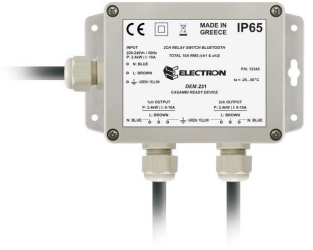
ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

Bluetooth
2ch Relay Switch

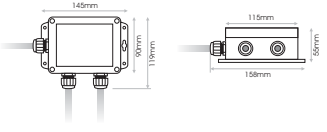
Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, 2ch Relay switch.
- Ideal for outdoor use.
- Material: Polycarbonate (pc) housing.
- In/Out H07RN-F ruber cables (3 x 1.5mm²).
- Total current up to 10A (both channels driven).
- Operating temperature: -25..+50C°.

Designed & Manufactured
by ELECTRON SA



Code	Supply Voltage	Number of Channels	Max. Current	Max. Power	Control	Dimensions	IP Rate
DEM.231	220-240VAC / 50Hz	2ch	Total capacity 10A rms (Both channels driven)	2400W	Casambi app. Bluetooth 4.0 protocol	115x90x55mm	IP65



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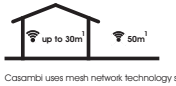
Range



Casambi uses mesh network technology so each DEM.195 acts also as a repeater.
Longer ranges can be achieved by using multiple Casambi units.

Note 1
Range is highly depended on the surrounding and obstacles, such as walls and building materials.

app available on:
App Store | Google play

Compatible devices:

iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later

Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

Bluetooth
Dali interface Control Unit

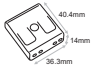
Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Integration of Bluetooth Casambi control to BMS, KNX, and smart automation systems.
- Powered directly from a DALI bus
- Can be used with a DALI sensor for presence detection or daylight harvesting

Code	Supply Voltage	Signal Current DALI	Control	Dimensions	IP Rate
DEM.218	9.5-22.5VDC	250mA max.	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20
DEM.229	9.5-22.5VDC	250mA max.	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20

DEM.218

DEM.229



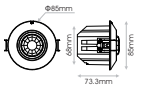
Bluetooth Sensor

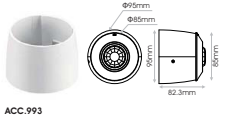
Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Ambient light control and presence detection.
- Detection range mounted at height of 3 meters Φ 8meters.
- Detection angle 53°.
- Light measurement at sensor head 1-2000lx (+- 20%).

Code	Supply Voltage	Mounting Height	Control	Dimensions	IP Rate
SNR.000	220-240VAC 50/60Hz	4m max.	Casambi app. Bluetooth 4.0 protocol	Recessed Φ85x73.3mm Surface mounted Φ85x73.3mm	IP20

Recessed



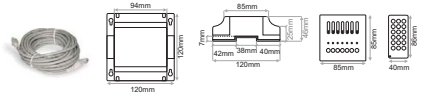


ACC.993
Housing for surface mounted installation

6 ch DMX Controller with **IR Remote Control**

- LED dimmers / controllers

Code	Supply Voltage	Output	Dimming Control	Scenes	Remote Control	Fade	Signal/Power Distribution Box
CDS.216	230VAC	6 channel DMX-512	6 channel faders and master fader	6 programmable scenes of up to 100 steps per scene	IR	Assignable setting separately and master control	Is included as power supply and DMX signal converter



4 ch RGBW Touch DMX and PWM 12/24V Output LED Dimmer / Controller

- LED dimmers / controllers
- Memory retained upon power failure.

Code	Supply Voltage	Nr. of Channels	Output1	Output2	Output Power	Dimming Control	Menus	Store/ Playback
CDS.221	12-24VDC	4	DMX-512	Depending on the power supply 0...12V - 0...24V	24W/ch (12V) total 72W (12V) or 48W/ch (24V) total 144W (24V)	Touch switches	Four function	4 scenes and 4 colours

3 ch DMX Output CHAMELEON controllers CONSTANT VOLTAGE

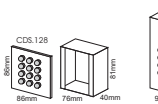
Designed & Manufactured by ELECTRON SA

- The most flexible and user friendly series of architectural controllers.
- Ideal for creating scenes and controlling the light in architectural applications.
- Intelligent control solutions for RGB, AW, AWB, Monochromatic LEDs.

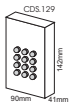
Code	Description	Scenes	Op.Volt.	Current	Output Channels	Output Digital DMX-512	Dimensions
CDS.128	**CHAMELEON 128** WALL/FLASH MOUNTED	5+1	12-15VDC	40mA	3DMX	YES	86x86x28mm
CDS.129	**CHAMELEON 129** DESKTOP/WALL MOUNTED	5+1	12-15VDC	40mA	3DMX	YES	142x41x90mm

TECHNICAL SPECIFICATIONS

- DMX-512 output.
- Dynamic colour environment from a template of 16.7 million colours.
- Save of colours for future use.
- Decrease or increase of the intensity of light (dimmer).
- Ability to activate automatic factory programs (six preset sequences).
- Capability of changing the time that each colour is on (step time).
- Selection of the time of change from one colour to another (fade time).



ACC.001
WALL BOX 1 GANG for CHAMELEON 128



CDS.018
POWER SUPPLY for CHAMELEON 128 & 129

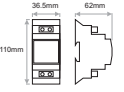
INRUSH CURRENT LIMITER 300ms / 230VAC

INRUSH CURRENT LIMITER
300ms / 230VAC / 16A

Code	Model
DEM.193	INRUSH CURRENT LIMITER 300ms / 230VAC / 16A

INRUSH CURRENT LIMITER
LED 300ms / 230VAC / 48A peak

Code	Model
DEM.194	INRUSH CURRENT LIMITER LED 300ms / 230VAC / 48A peak



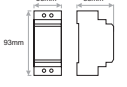
INRUSH CURRENT LIMITER 300ms / 180-264VAC / 23A peak / 16A

INRUSH CURRENT LIMITER
LED 300ms / 180-264VAC / 23A peak / 16A

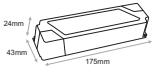
- Overheating, Overload protection.

Code	Relay Limiting Time	Supply Voltage	Inrush Current Limiting	AC Continuous Rated Current
DEM.203	300ms	180-264VAC	23A peak	16A
DEM.204	300ms	180-264VAC	23A peak	16A

DEM.203



DEM.204



EMERGENCY LIGHT KIT for CONSTANT VOLTAGE or CONSTANT CURRENT LED

- Instant emergency operation at mains failure.
- Maintained or not maintained operation (maintained operation suitable with electronic drivers or dimmable electronic drivers).
- Multi-power dimmable version DIP-SWITCH, constant current or constant voltage to power LED to LED modules.
- "High temperature" Ni-Cd batteries.
- Charge indicator with LED.
- Protection device against extensive discharge.
- "Rest mode" facility with remote control device.
- Self diagnosis system with internal module, optional.
- Reference Norms: EN55015, EN6100-3-2, EN61347-2-13, EN61347-2-7, EN61547.
- Lamps: Power LEDs , LED modules.

Code	Voltage	Frequency	Battery V-Ah	ta °C	tc °C	Charge Time
EKT.001	220-240V	50...60Hz	7.2V-4Ah	0 +55	75	24h

Technical Data:

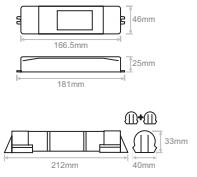
- Length battery cable: 280mm.
- Length LED cable: 350mm.
- Led mounting hole: 9mm.
- Supply current: 35mA max.
- Terminal blocks max. connection size: 1.5mm^2
- Max distance between driver and lamp: 2 meters.

Battery:

- **Rechargeable high temperature Ni-Cd Saft batteries.**
  These cells accept a permanent charge for a minimum of 4 years in high-temperature environments (up to +55ºC) such as security lighting equipment.
- Constant current during charge.
- Zero maintenance.
- Long cycle life (over 500 charge discharge cycles).

DIP-SWITCH position	Working voltage in an emergency (V_L)	Output current in an emergency (I)	nº max. power of LED current	Power max. for LED modules voltage
A	12V const.	200mA ± 10%	$N_{LED}=12/V_F$	24W
B	24V const.	160mA ± 10%	$N_{LED}=24/V_F$	30W
C	46V const.	60mA ± 10%	$N_{LED}=46/V_F$	50W
D	9-58V	200-30mA	$N_{LED}=58/V_F$	-

DIP-SWITCH positions example:
A position, can connect 3 LED with V_F 3.5V or 1 LED V_F 10V, or a strip LED 12V-24W max.
B position, can connect 6 LED with V_F 3.7V or 2 LED V_F 10V, or a strip LED 24V-30W max.
C position, can connect 12 LED with V_F 3.7V or 4 LED V_F 10V.
D position, can connect 18 LED with V_F 3.2V or 3 LED V_F 17V.



EMERGENCY LIGHT KIT for 12V LED Lamps with Lamp Holder GU5.3

- Instant emergency operation at mains failure.
- Maintained or not maintained operation.
- Suitable for LED lamps 12V.
- High efficiency, minimum heat dispersion and absolute reliability.
- "High temperature" Ni-Cd batteries.
- Charge indicator with LED.
- Protection device against extensive discharge.
- Reference Norms: EN 61347-2-7.
- Lamps: LED lamps 12V / GU5.3.

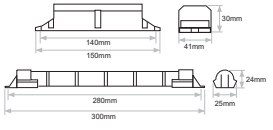
Code	Voltage	Frequency	Power W	Battery V-Ah	Flux %	ta °C	tc °C	Weight	Charge Time
EKT.002	220-240V	50...60Hz	3-7W	7.2V-1.6Ah	80/100%	0 +50	70	170gr	24h

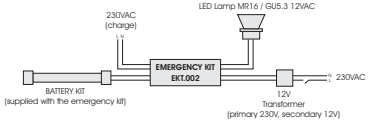
Technical Data:

- Length battery cable: 280mm.
- Length LED cable: 350mm.
- Led mounting hole: 9mm.
- Supply current: 20mA max.
- Push-wire connections max. size: 1.5mm^2
- Max distance between driver and lamp: 2 meters.

Battery:

- **Rechargeable high temperature Ni-Cd Saft batteries.**
  These cells accept a permanent charge for a minimum of 4 years in high-temperature environments (up to +50ºC) such as security lighting equipment.
- Constant current during charge.
- Zero maintenance.
- Long cycle life (over 500 charge discharge cycles).
- Long term storage (up to 4 months in normal conditions: temperature range from +5ºC to +25ºC in a 65% ±5% relative humidity atmosphere).





EMERGENCY LIGHT KIT for 230V LED Lamps with Lamp Holder GU10

- Instant emergency operation at mains failure.
- Maintained or not maintained operation (maintained operation suitable with electronic drivers and dimmable electronic drivers).
- Suitable for LED lamps 230V - 0/50Hz.
- High efficiency, minimum heat dispersion and absolute reliability.
- "High temperature" Ni-Cd batteries.
- Charge indicator with LED.
- Protection device against extensive discharge.
- "Rest mode" facility with remote control device.
- Reference Norms: EN 61347-2-7.
- Lamps: LED lamps 230V / GU10.

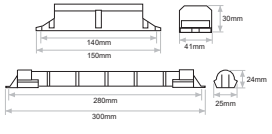
Code	Voltage	Frequency	Power W	Battery V-Ah	Flux %	ta °C	tc °C	Weight	Charge Time
EKT.003	220-240V	50...60Hz	3-6.5W	7.2V-1.6Ah	80/100%	0 +60	80	170gr	24h

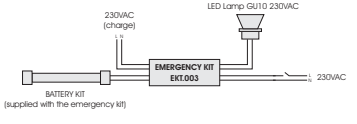
Technical Data:

- Length battery cable: 280mm.
- Length LED cable: 350mm.
- Led mounting hole: 8.8mm.
- Supply current: 20mA max.
- Push-wire connections max. size: 1.5mm^2
- Max distance between driver and lamp: 2 meters.

Battery:

- **Rechargeable high temperature Ni-Cd Saft batteries.**
  These cells accept a permanent charge for a minimum of 4 years in high-temperature environments (up to +50ºC) such as security lighting equipment.
- Constant current during charge.
- Zero maintenance.
- Long cycle life (over 500 charge discharge cycles).
- Long term storage (up to 4 months in normal conditions: temperature range from +5ºC to +25ºC in a 65% ±5% relative humidity atmosphere).



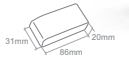


ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

DIMMABLE ELECTRONIC TRANSFORMER

- Dimmable with trailing or leading edge dimmers.
- Short circuit protection.

Code	Power Supply	Output Voltage	Max. Watt
TRF.002	230VAC	12VAC	60W



CABLES / CONNECTORS

3P XLR PREFAB CABLE
3PIN MALE TO 3PIN FEMALE XLR (MIC/DMX)

Code	Model	Connectors	Length	Diameter	Colour
WIR.019	3P XLR 150	XLRM / XLRF	150cm	6mm	Black
WIR.020	3P XLR 300	XLRM / XLRF	300cm	6mm	Black
WIR.021	3P XLR 600	XLRM / XLRF	600cm	6mm	Black
WIR.022	3P XLR 900	XLRM / XLRF	900cm	6mm	Black

5P XLR PREFAB CABLE
5PIN MALE TO 5PIN FEMALE XLR CABLE (DMX)

Code	Model	Connectors	Length	Diameter	Colour
WIR.005	5P XLR 150	5P XLRM / 5M XLRF	150cm	6,8mm	Black
WIR.001	5P XLR 300	5P XLRM / 5M XLRF	300cm	6,8mm	Black
WIR.002	5P XLR 600	5P XLRM / 5M XLRF	600cm	6,8mm	Black
WIR.003	5P XLR 900	5P XLRM / 5M XLRF	900cm	6,8mm	Black

XLR CONNECTORS
3P/5P MALE & FEMALE XLR CONNECTORS

Code	Model	Connectors
100.003	3P XLRF	3PIN XLR FEMALE
100.002	3P XLRM	3PIN XLR MALE
100.011	5P XLRF	5PIN XLR FEMALE
100.010	5P XLRM	5PIN XLR MALE

WIR.405
DMX CABLE ON SPOOL 100M

Code	Spool	Colour	Diameter
WIR.405	100m	Black	6mm

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

Extension cables with connectors IP68

Code	Description	Code	Description
WIR.500	2 pole 100cm extension cable 2x13A / IP68	**WIR.520**	2 pole 100cm extension cable 2x30A / IP68
WIR.501	2 pole 200cm extension cable 2x13A / IP68	**WIR.521**	2 pole 200cm extension cable 2x30A / IP68
WIR.502	2 pole 300cm extension cable 2x13A / IP68	**WIR.522**	2 pole 300cm extension cable 2x30A / IP68
WIR.503	2 pole 500cm extension cable 2x13A / IP68	**WIR.523**	2 pole 500cm extension cable 2x30A / IP68
WIR.504	4 pole 100cm extension cable 1x6,6A+3x2,5A / IP68	**WIR.524**	4 pole 100cm extension cable 1x30A+3x10A / IP68
WIR.505	4 pole 200cm extension cable 1x6,6A+3x2,5A / IP68	**WIR.525**	4 pole 200cm extension cable 1x30A+3x10A / IP68
WIR.506	4 pole 300cm extension cable 1x6,6A+3x2,5A / IP68	**WIR.526**	4 pole 300cm extension cable 1x30A+3x10A / IP68
WIR.507	4 pole 500cm extension cable 1x6,6A+3x2,5A / IP68	**WIR.527**	4 pole 500cm extension cable 1x30A+3x10A / IP68
WIR.512	5 pole 100cm extension cable 1x6,6A+4x2A / IP68	**WIR.532**	5 pole 100cm extension cable 1x30A+4x8A / IP68
WIR.513	5 pole 200cm extension cable 1x6,6A+4x2A / IP68	**WIR.533**	5 pole 200cm extension cable 1x30A+4x8A / IP68
WIR.514	5 pole 300cm extension cable 1x6,6A+4x2A / IP68	**WIR.534**	5 pole 300cm extension cable 1x30A+4x8A / IP68
WIR.515	5 pole 500cm extension cable 1x6,6A+4x2A / IP68	**WIR.535**	5 pole 500cm extension cable 1x30A+4x8A / IP68
WIR.508	7 pole 100cm extension cable 7x5A / IP68	**WIR.528**	7 pole 100cm extension cable 7x13A / IP68
WIR.509	7 pole 200cm extension cable 7x5A / IP68	**WIR.529**	7 pole 200cm extension cable 7x13A / IP68
WIR.510	7 pole 300cm extension cable 7x5A / IP68	**WIR.530**	7 pole 300cm extension cable 7x13A / IP68
WIR.511	7 pole 500cm extension cable 7x5A / IP68	**WIR.531**	7 pole 500cm extension cable 7x13A / IP68

The above extension cables are used for junction boxes only. For all other lighting fixtures, extension cables are available on request.

Connectors for cables IP68

For cables with outer diameter: 5-8mm

Code	Description
CNC.006	2 pole male connector 13A per pole/ IP68
CNC.007	2 pole female connector 13A per pole/ IP68
CNC.008	In-line 2 pole male connector 13A per pole/ IP68
CNC.009	In-line 2 pole female connector 13A per pole/ IP68
CNC.010	4 pole male connector 5A per pole/ IP68
CNC.011	4 pole female connector 5A per pole/ IP68
CNC.012	In-line 4 pole male connector 5A per pole/ IP68
CNC.013	In-line 4 pole female connector 5A per pole/ IP68
CNC.052	5 pole male connector 5A per pole/ IP68
CNC.079	5 pole female connector 5A per pole/ IP68
CNC.080	In-line 5 pole male connector 5A per pole/ IP68
CNC.053	In-line 5 pole female connector 5A per pole/ Ip68
CNC.014	7 pole male connector 5A per pole/ IP68
CNC.015	7 pole female connector 5A per pole/ IP68
CNC.016	In-line 7 pole male connector 5A per pole/ IP68
CNC.017	In-line 7 pole female connector 5A per pole/ IP68

For cables with outer diameter: 7-12mm

Code	Description
CNC.026	2 pole male connector 30A per pole/ IP68
CNC.027	2 pole female connector 30A per pole/ IP68
CNC.028	In-line 2 pole male connector 30A per pole/ IP68
CNC.029	In-line 2 pole female connector 30A per pole/ IP68
CNC.030	4 pole male connector 30A per pole/ IP68
CNC.031	4 pole female connector 30A per pole/ IP68
CNC.032	In-line 4 pole male connector 30A per pole/ IP68
CNC.033	In-line 4 pole female connector 30A per pole/ IP68
CNC.081	5 pole male connector 30A per pole/ IP68
CNC.082	5 pole female connector 30A per pole/ IP68
CNC.083	In-line 5 pole male connector 30A per pole/ IP68
CNC.084	In-line 5 pole female connector 30A per pole/ IP68
CNC.034	7 pole male connector 15A per pole/ IP68
CNC.035	7 pole female connector 15A per pole/ IP68
CNC.036	In-line 7 pole male connector 15A per pole/ IP68
CNC.037	In-line 7 pole female connector 15A per pole/ IP68

Chassis connectors IP68

Code	Description	Code	Description
CNC.000	Chassis 2 pole male 13A per pole / IP68	**CNC.020**	Chassis 2 pole male 30A per pole / IP68
CNC.001	Chassis 2 pole female 13A per pole / IP68	**CNC.021**	Chassis 2 pole female 30A per pole / IP68
CNC.002	Chassis 4 pole male 5A per pole / IP68	**CNC.022**	Chassis 4 pole male 30A per pole / IP68
CNC.003	Chassis 4 pole female 5A per pole / IP68	**CNC.023**	Chassis 4 pole female 30A per pole / IP68
CNC.075	Chassis 5 pole male 5A per pole / IP68	**CNC.077**	Chassis 5 pole male 30A per pole / IP68
CNC.076	Chassis 5 pole female 5A per pole / IP68	**CNC.078**	Chassis 5 pole female 30A per pole / IP68
CNC.004	Chassis 7 pole male 5A per pole / IP68	**CNC.024**	Chassis 7 pole male 15A per pole / IP68
CNC.005	Chassis 7 pole female 5A per pole / IP68	**CNC.025**	Chassis 7 pole female 15A per pole / IP68

T-Connect junction boxes IP68 (1 input + 2 outputs)

Code	Description	Code	Description
CNC.040	T-connect 2p Junction box, 13A, IP68	**CNC.045**	T-connect 2p Junction box, 30A, IP68
CNC.041	T-connect 4p Junction box, 5A, IP68	**CNC.046**	T-connect 4p Junction box, 30A, IP68
CNC.073	T-connect 5p Junction box, 5A, IP68	**CNC.074**	T-connect 5p Junction box, 30A, IP68
CNC.042	T-connect 7p Junction box, 5A, IP68	**CNC.047**	T-connect 7p Junction box, 15A, IP68

X-Connect junction boxes IP68 (1 input + 3 outputs)

Code	Description	Code	Description
CNC.048	X-connect 2p Junction box, 13A, IP68	**CNC.068**	X-connect 2p Junction box, 30A, IP68
CNC.064	X-connect 3p Junction box, 13A, IP68	**CNC.069**	X-connect 3p Junction box, 30A, IP68
CNC.065	X-connect 4p Junction box, 5A, IP68	**CNC.070**	X-connect 4p Junction box, 30A, IP68
CNC.066	X-connect 5p Junction box, 5A, IP68	**CNC.071**	X-connect 5p Junction box, 30A, IP68
CNC.067	X-connect 7p Junction box, 5A, IP68	**CNC.072**	X-connect 7p Junction box, 15A, IP68

T-Connect mini junction boxes IP65 on request

Description	Description
T-connect 2p Mini Junction box, 13A/4A, IP65	T-connect 2p Mini Junction box, 30A/4A, IP65
T-connect 3p Mini Junction box, 13A/4A, IP65	T-connect 3p Mini Junction box, 30A/4A, IP65
T-connect 4p Mini Junction box, 6.6A/4A, IP65	T-connect 4p Mini Junction box, 30A/4A, IP65
T-connect 5p Mini Junction box, 6.6A/4A, IP65	T-connect 5p Mini Junction box, 30A/4A, IP65

The above mini junction boxes are provided with female mini connector and 40cm cable.

IP65 & IP68 Connectors

IP68 CONNECTORS

H-Connect junction IP68 (1 input + 3 outputs)

Code	Description	Cable diameter
CNC.100	H-connect 4p Junction, 17.5A, IP68	7-12mm
CNC.106	H-connect 5p Junction, 16A, IP68	7-14mm
CNC.101	End cap with rubber holder for CNC.100	

CNC.100

CNC.106

CNC.101

Connectors for cables IP68

Code	Description	Cable diameter
CNC.102	4 pole connector 32A per pole/ IP68	7-12mm
CNC.103	4 pole connector 32A per pole/ IP68	7-13.5mm
CNC.104	4 pole connector 17.5A per pole/ IP68	7-13.5mm

CNC.102

CNC.103

CNC.104

IP68 MICRO CONNECTORS

2 pole connectors 10A per pole IP68

Code	Description	Cable diameter
CNC.107	2 pole connector female 10A per pole/ IP68	5.8-6.9mm
CNC.108	2 pole connector male 10A per pole/ IP68	5.8-6.9mm

CNC.107

CNC.108

IP65 JUNCTION BOX

T-Connect junction box IP65 (1 input + 2 outputs)

Code	Description	Cable diameter
CNC.105	T-connect 4p Junction, 24A, IP65	8-17.5mm

CNC.105

IP68 CONNECTORS WITH SEALING GEL

Connectors for cables IP68

Code	Description	Cable diameter
GEL.001	2 pole connector 6A per pole/ IP68	4.8-6mm
GEL.002	2 pole connector 10A per pole/ IP68	5.5-10mm

GEL.001

GEL.002

H-Connect junction IP68 (1 input + 3 outputs)

Code	Description	Cable diameter
GEL.003	H-connect 3p Junction, 16A, IP68	6.5-12mm

GEL.003

Connectors for cables IP68

Code	Description	Cable diameter
GEL.004	T-connect 3p Junction, 16A, IP68	6.5-12mm (in/out) / 5.5-10mm (output)
GEL.005	T-connect 2p Junction, 6A, IP68	5.5-9mm
GEL.006	T-connect 5p Junction, 10A, IP68	6.5-12mm (in/out) / 5.5-10mm (output)

GEL.004

GEL.005

GEL.006

EXTENSION CABLES & SPLITTERS

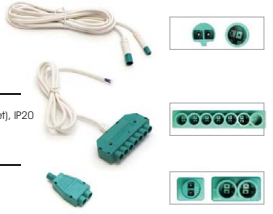
2 pole extension cables & splitters

- IP protection: IP20

Code	Description
WIR.130	Male+Female 2 pole extension cable 12-24V / 6A, 2x0.75mm², IP20, 100cm
WIR.131	Male+Female 2 pole extension cable 12-24V / 6A, 2x0.75mm², IP20, 200cm
WIR.132	Male+Female 2 pole extension cable 12-24V / 6A, 2x0.75mm², IP20, 500cm

Code	Description
WIR.134	Six way, 2 pole splitter for WIR.130-131-132 with 100cm cable 12-24V / 10A (max 5A/socket), IP20

Code	Description
WIR.135	Two way, 2 pole splitter for WIR.130-131-132, 12-24V / 10A (max 5A/socket), IP20



4 pole extension cables & splitters

- IP protection: IP20

Code	Description
WIR.136	Male+Female 4 pole extension cable 12-24V / 6A max, 4x0.34mm², IP20, 100cm
WIR.137	Male+Female 4 pole extension cable 12-24V / 6A max, 4x0.34mm², IP20, 200cm
WIR.138	Male+Female 4 pole extension cable 12-24V / 6A max, 4x0.34mm², IP20, 500cm

Code	Description
WIR.139	Six way, 4 pole splitter for WIR.136-137-138 with 100cm cable 12-24V / 6A max

Code	Description
WIR.140	Mounting Kit for sockets WIR.130-131-132-136-137-138

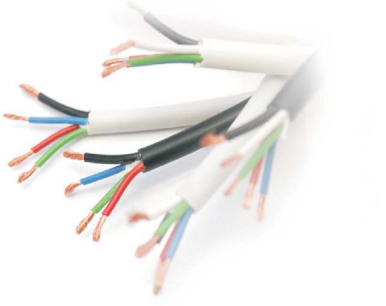
5 pole extension cables IP67

- IP protection: IP67

Code	Description
WIR.141	Male+Female 5 pole extension cable 12-24V / 2A, 5x0.2mm², IP67, 100cm
WIR.142	Male+Female 5 pole extension cable 12-24V / 2A, 5x0.2mm², IP67, 200cm
WIR.143	Male+Female 5 pole extension cable 12-24V / 2A, 5x0.2mm², IP67, 500cm

LED CABLES RGB & RGBW

- 4wire or 5wire LED supply cable, RGB or RGBW in the corresponding colors and common return with cross section of 1qmm in black colour, to simplify the installation and minimaze any mistakes.
- Twisted cores in layers and bending radius 8xO.D. static.



4 Wires LED PVC Cables

Code	Description	Cove Colours	Jacket Colour	Outer Diameter	Static Ambient Temperature	
WIR.110	PVC high flexibility cable 3x0,50mm² + 1x1mm²	Red / Green / Blue / Black	Black	5.1mm	-20°C to +70°C	
WIR.111	PVC high flexibility cable 3x0,50mm² + 1x1mm²	Red / Green / Blue / Black	White	5.1mm	-20°C to +70°C	
WIR.115	PVC flexible UV resistant cable 3x0,50mm² + 1x1mm² (suitable for outdoor use)	Red / Green / Blue / Black	Light Grey	5.1mm	-20°C to +70°C	

5 Wires LED PVC Cables

Code	Description	Cove Colours	Jacket Colour	Outer Diameter	Static Ambient Temperature	
WIR.112	PVC high flexibility cable 4x0,50mm² + 1x1mm²	Red / Green / Blue / White / Black	Black	5.9mm	-20°C to +70°C	
WIR.113	PVC high flexibility cable 4x0,50mm² + 1x1mm²	Red / Green / Blue / White / Black	White	5.9mm	-20°C to +70°C	
WIR.114	PVC flexible UV resistant cable 4x0,50mm² + 1x1mm² (suitable for outdoor use)	Red / Green / Blue / White / Black	Light Grey	5.9mm	-20°C to +70°C	

PREMIUM SERIES TRAILING

- ✓ *Trailing edge dimmers*
- ✓ *Leading edge dimmers*
- ✓ *HF fluorescent controllers*
- ✓ *Relay switches*

Designed & Manufactured
by ELECTRON SA

PREMIUM 79 / 68 / 37 SERIES of multifunctional custom made power controllers NEW power units with Trailing Edge dimmers for:

- LED lamps dimmable with Trailing Edge dimmers
- CFLs and electronic transformers for Trailing Edge dimming
- Designed and manufactured by ELECTRON SA

PREMIUM 79 Series GO TRAILING!

Available versions:

- **Premium 79 with 24 channels x 6A per channel**
- **Premium 79 with 36 channels x 4A per channel**
- **Premium 79 with 48 channels x 3A per channel**

PREMIUM 68 Series GO TRAILING!

Available versions:

- **Premium 68 with 12 channels x 6A per channel**

PREMIUM 37 Series GO TRAILING!

Available versions:

- **Premium 37 with 12 channels x 3A per channel**
- **Premium 37 with 9 channels x 4A per channel**
- **Premium 37 with 6 channels x 6A per channel**

***Note:** You can have different power units that control different types of loads in the same Premium!*
Thus, one Premium can have Trailing edge dimmers, Leading edge dimmers, HF fluorescent controllers (1/10V) and relay switches, in the same enclosure!

ACTOR BASE TRAILING

Designed & Manufactured
by ELECTRON SA

NEW ACTOR BASE Trailing Edge dimmer

- Designed and manufactured by ELECTRON SA

ACTOR Series GO TRAILING!

Actor Base 610 is made with 6 channels 10A per channel and it can now dim:

- **LED lamps dimmable with Trailing Edge dimmers**
- **CFLs and electronic transformers for Trailing Edge dimming**

Model	Number of Channels	Channel Capacity (Watts at 230V)	Maximum Current per Channel	Supply Voltage	Dimensions (WxHxD)
ACTOR B610 Trailing Edge	6	2300	10A	400/230V~3/N/PE/ 50Hz	482x88x340mm

DMX MERGER SPLITTER

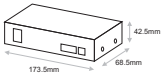
- Can be used for merging information from two separate DMX signals in one.

Code: **DEM.046**

Designed & Manufactured by ELECTRON SA

Features – Technical specifications.

· Two DMX-512 inputs.
· Two optical isolated outputs.
· Optical isolation between two outputs.
· Four operating modes (HTP, LAST, BACKUP, MERGE).
· Dip switches for start address selection.
· Dip switch for DMX signal termination on each input.
· Connection up to 25 devices on each output port.
· Two XLR 5-pin male plugs for DMX input connection.
· Two XLR 5-pin female plugs for DMX output connection.
· Power supply: 230VAC 50/60Hz.
· Power consumption: 2W
· Ambient temperature: -20 / +50oC.



DMX REPEATER

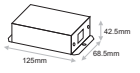
- Can be used for expansion or/and branching of DMX network.

Code: **DEM.045**

Designed & Manufactured by ELECTRON SA

Features – Technical specifications.

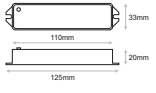
· DMX signal amplification.
· Input output optical isolation.
· Input signal termination capability.
· Connection up to 25 devices in output port.
· Capable of up to 5 Repeaters in series connection.
· Power supply: 230VAC 50/60Hz.
· Power consumption: 1,8 W
· Ambient temperature : -20 / +50oC.
· 0,5-2,5mm² screw terminals, for DMX input and output cable connection.
· Dimensions: L x W x H: 125mm x 68,5mm x 42,5mm.



DMX512 / RDM WiFi LED Controller

- DMX address set up through Wi-Fi.
- Test DMX fixtures and connections.
- User friendly mobile app.

Code	Power Supply	Output Signal	Operating System	Protocol
PCK.218	5-24VDC	DMX 512 / RDM	ANDROID or iOS	2.4GHz Wi-Fi



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ELECTRON

CV

CONSTANT VOLTAGE LED DRIVERS

ELECTRON

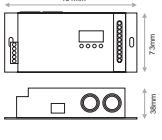
5ch DMX/RDM
Controller Constant Voltage

- DMX512/RDM constant voltage LED controller. Communication between DMX control desk and controller (RDM).
- Multiple DMX input/output ports, with RJ45, XLR 5pin and screw terminal.
- Five PWM output channels, common anode.
- PWM output resolution 8bit-16bit selectable.
- Output PWM frequency from 500Hz up to 30KHz selectable.
- Output dimming curve gamma value from 0,1~9,9 selectable.
- Decoding mode selectable soft patch.
- Digital display to show data. Easy to set and display the DMX address.

FLICKER FREE SUITABLE FOR TV STUDIOS

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Output Currents
DEM.185 /CA	DMX/RDM LED controller with 5 outputs 0...12V or 0...24V	12VDC or 24VDC	Depending on the supply voltage 0...12V or 0...24V	5 channels. Can be used as 3 or 4 channel driver	96W at 12V 192W at 24V	5 channels x 8A each channel

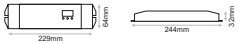
***Note:** CA=Common Anode



4ch DMX-512 / RDM DIMMABLE
LED Driver Constant Voltage

- Overvoltage, Short-circuit protection
- Overheating protection
- 4 Channels 24VDC constant voltage output.
- Logarithmic or Linear dimming
- Variable PWM frequency selection (500Hz..35kHz).

Code	Description	Supply Voltage	Output Voltage	Nr. of Channels	Total Power	Max Output Current	Control	IP
PCK.486	DMX LED Constant Voltage Controller with 4 outputs (RGBW) 0...24V	100-277VAC 50/60Hz	24VDC	4	75W	3.12A Can be freely divided between the channels	DMX 512 / RDM	IP20



4ch DMX-512 / RDM DIMMABLE
LED Driver Constant Voltage

Code	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
PCK.339	200-240VAC 50/60Hz	1-12VDC	150W	12,5A (3A per channel common anode)	4 (RGBW)	1-100%	DMX 512 / RDM
PCK.340	200-240VAC 50/60Hz	1-24VDC	150W	6,25A (1,5A per channel common anode)	4 (RGBW)	1-100%	DMX 512 / RDM

4ch RGBW DMX
Controller Constant Voltage

- RGBW LED controllers

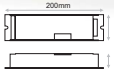
Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Output Channel Power	Total Power	Control
DEM.166 /CA	DMX LED Constant Voltage Controller with 4 outputs (RGBW) 0...12V or 0...24V	12-24VDC	Depending on the supply voltage 0...12V or 0...24V	4	4ch x 60W (12V) or 4ch x 120W (24V)	240W (12V) 480W (24V)	DMX 512

***Note:** CA=Common Anode

3ch DMX-DIMMABLE
Converters Constant Voltage

- Lighting solution that creates the result you need.
- For impressive lighting creations.
- Absolute control of the brightness level.
- DMX IN - OUT
- Absolute control through DMX-512.

Designed & Manufactured by ELECTRON SA



New technical features
- Stand alone mode with one of the four preset programs that are available, with selection of fade, rate and dimmer of the output intensity. All functions are selected from the DIP SWITCHES.
- Or selection of a stable colour from the palette of 64 colours, also from the DIP SWITCHES.

Code	Description	Supply Voltage	Output Voltage	Channel Power	Channel Power/Total Power	Power Consumption at full load
DEM.011/ CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....24VDC	24VDC	3x 0....24VDC	48W	144W	147W
DEM.016/ CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....-24VDC	24VDC	3x 0....-24VDC	48W	144W	147W
DEM.010/ CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....12VDC	12VDC	3x 0....12VDC	24W	72W	75W
DEM.020/ CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0.....-12VDC	12VDC	3x 0....-12VDC	24W	72W	75W
DEM.009/ CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....5VDC	5VDC	3x 0....5VDC	10W	30W	32W
DEM.021/ CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0.....-5VDC	5VDC	3x 0....-5VDC	10W	30W	32W

***Note:** CC=Common Cathode CA=Common Anode
All Power Supplies are available in CC and CA upon request

3ch RGB DIMMABLE DMX
Controller Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.178 /CA	DMX LED CONTROLLER with 3 OUTPUTS 0...12V or 0...24V	12VDC or 24VDC	Depending on the supply voltage 0...12V or 0...24V	3	36W (12V) or 72W (24V)	100W at 12V or 210W at 24V	DMX	YES

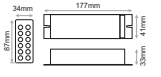
*CA = Common Anode

3ch RGB DIMMABLE DMX Controller
with IR Remote Control Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.120 /CA* **DEM.121** /CC*	DMX LED CONTROLLER WITH 3(RGB) OUTPUTS 0...12V or 0...24V	12-24VDC	Depending on the supply voltage 0...12V or 0...24V	3	26W(12V) or 50W(24V)	80W(12V) or 150W(24V)	DMX or IR Remote Control	4 built in programs with speed control and a palete of 7 dimmable colours. All functions are controlled by the IR Remote Control

***Note:** CC=Common Cathode CA=Common Anode
All Power Supplies are available in CC and CA upon request



1ch DIMMABLE
LED Driving Converters Constant Voltage

- Lighting solution that creates the result you need
- Absolute control of brightness level
- Absolute control through DMX-512 and 0-10V or 1-10V or any single push button or double push button (Up/Down).
- HTP AND LAST (ale retour) merging modes between analogue and digital input.
- 2040 step resolution.
- Ta = 0°C to 45°C

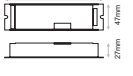
Designed & Manufactured by ELECTRON SA

SUITABLE FOR TV STUDIOS
PWM FREQUENCY 2000Hz

ONE CHANNEL DIMMABLE LED DRIVERS - DRIVING CONVERTERS, CONTROL BY DMX, 0/10V or 1/10V or PUSH BUTTONS

Code	Supply Voltage	Output Voltage PWM	Output Current	Output Power	Power Consumption	Control Input	Dimming Pole (DP)
DEM.026 (DP+*)	12-24VDC	0....12/24VDC	9A	108W at 12V or 216W at 24V	110W at 12V or 218W at 24V	DMX512, 0-10V or 1-10V or by push-button(s)	DP+
DEM.027 (DP−**)	12-24VDC	0....12/24VDC	9A	108W at 12V or 216W at 24V	110W at 12V or 218W at 24V	DMX512, 0-10V or 1-10V or by push-button(s)	DP−
DEM.028 (DP+*)	12-24VDC	0....12/24VDC	15A	180W at 12V or 360W at 24V	183W at 12V or 363W at 24V	DMX512, 0-10V or 1-10V or by push-button(s)	DP+
DEM.029 (DP−**)	12-24VDC	0....12/24VDC	15A	180W at 12V or 360W at 24V	183W at 12V or 363W at 24V	DMX512, 0-10V or 1-10V or by push-button(s)	DP−
DEM.212 (DP−**)	42-48VDC	0....42/48VDC	10A	420W at 42V or 480W at 48V	423W at 42V or 483W at 48V	DMX512, 0-10V or 1-10V or by push-button(s)	DP−

***DP+** =Dimming pole + Suitable for driving Common Cathode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters
****DP−** =Dimming pole − Suitable for driving Common Anode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters



DMX to CONSTANT VOLTAGE

LED Drivers-Converters

PWM OUTPUT

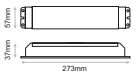
1 Output Channel / 1-24VDC

Code	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control	
PCK.328	200-240VAC 50/60Hz	1-24VDC	150W	6.25A	1	1-100%	DMX 512 / RDM and PUSH	
PCK.329	200-240VAC 50/60Hz	1-24VDC	75W	3.12A	1	1-100%	DMX 512 / RDM and PUSH	
PCK.330	200-240VAC 50/60Hz	1-24VDC	36W	1.50A	1	1-100%	DMX 512 / RDM and PUSH	

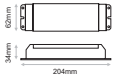
1 Output Channel / 1-12VDC

Code	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control	
PCK.331	200-240VAC 50/60Hz	1-12VDC	150W	12.50A	1	1-100%	DMX 512 / RDM and PUSH	
PCK.332	200-240VAC 50/60Hz	1-12VDC	75W	6.25A	1	1-100%	DMX 512 / RDM and PUSH	
PCK.333	200-240VAC 50/60Hz	1-12VDC	36W	3A	1	1-100%	DMX 512 / RDM and PUSH	

PCK.328
PCK.331



PCK.329
PCK.332



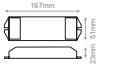
PCK.330
PCK.333

4ch (RGBW) LED Driving Booster

Constant Voltage

- Four channel LED driving Booster (repeater amplifier).
- Operating with PWM control.
- Possible to use in RGBW constant voltage LEDs.
- Common anode configuration.

Code	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power
DEM.209	12-24VDC	Depending on the supply voltage 0...12VDC or 0...24VDC	4	60W(12V) or 120W(24V)	240W(12V) or 480W(24V)



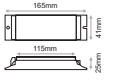
3ch (RGB) Booster

Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code*	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power
DEM.124 /CA* **DEM.125** /CC*	12-24VDC	Depending on the supply voltage 0...12VDC or 0...24VDC	3	26W(12V) or 50W(24V)	80W(12V) or 150W(24V)

***Note:** CC=Common Cathode CA=Common Anode



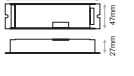
1ch LED Driving Boosters

Constant Voltage

- One channel LED driving Booster (repeater amplifier).
- LED Boosters of PWM signal of one LED controller.
- Possible to use in RGB constant voltage LEDs.

Designed & Manufactured by ELECTRON SA

Code	Supply Voltage	Output Voltage PWM	Output Current	Output Power	Power Consumption	Control Input	Dimming Pole (DP)
DEM.022 (DP+*) **DEM.023** (DP−**)	5VDC	0....5VDC	9A	45W	47W	5-24V*** PWM SIGNAL	DEM.022 and DEM.024 = DP+ DEM.023 and DEM.025 = DP−
	12VDC	0....12VDC	9A	108W	110W		
	24VDC	0....24VDC	9A	216W	218W		
DEM.024 (DP+*) **DEM.025** (DP−**)	5VDC	0....5VDC	15A	75W	78W	5-24V*** PWM SIGNAL	DEM.022 and DEM.024 = DP+ DEM.023 and DEM.025 = DP−
	12VDC	0....12VDC	15A	180W	183W		
	24VDC	0....24VDC	15A	360W	363W		



***DP+** =Dimming pole + Suitable for driving Common Cathode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters
****DP−** =Dimming pole − Suitable for driving Common Anode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters
*****Input PWM**. The voltage of the PWM can be from 5V up to 24V and it is independent and isolated from the power supply voltage and output circuit

DMX/RDM , DALI-2 DT6/DT8 RGBW (High Frequency)

LED Dimmer Constant Voltage

- Support commands of DALI-2 DT6 & DT8.
- Support DMX/RDM.
- High output PWM frequency (3.6kHz).
- Low stand-by power consumption (<0.5W).
- Overload, Overvoltage, Overtemperature & short circuit protection.
- Waterproof grade: IP20

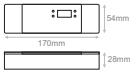
Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
PCK.481	220-240VAC 50/60Hz	24VDC	150W	4x1.56A	4 (RGBW)	0-100%	DMX/RDM, DALI-2 DT6/DT8

DALI DT8 RGBW (High Frequency)

LED Dimmer Constant Voltage

- DALI DT8 device to control RGBW output via a single DALI address.
- 4 Channels constant voltage output.
- Supports DT8device commands, compatible with DALI masters that support DT8 commans
- Variable PWM frequency selection (500Hz..30kHz).
- OLED display.
- 16 User defined scenes.
- Waterproof grade: IP20

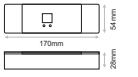
Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
DEM.196	12-36VDC	12-36VDC	4x(60-180)W	4x5A	4 (RGBW)	0-100%	DALI DT8



DALI DT8 DUAL Colour

LED Dimmer Constant Voltage

- DALI DT8 device to control Warm White and Cool White output via a single DALI address.
- 4 Channels constant voltage output.
- Enables Dimming and Color Temperature Adjustment.
- Color control as defined in the DALI specification for device type 8.
- Supports DT8 device commands, compatible with DALI masters that support DT8 commands.
- Configuration via DALI master USB interface.
- Numeric digital display for setting DALI address manually.
- Waterproof grade: IP20



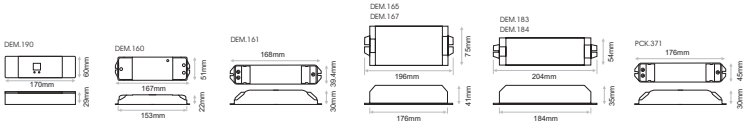
Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
DEM.186	12-36VDC	12-36VDC (depending on the input voltage)	4x(60-180)W	4x5A	4 (2 tunable white outputs)	0-100%	DALI DT8

DALI to CONSTANT VOLTAGE

Drivers - Converters

- Extended support for DALI protocol, IEC62386, IEC60929, the definition of DALI protocol.
- Automatic addressing and address extensions.
- Supports push dim operation.

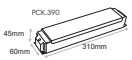
Code	Supply Voltage	PWM Output Voltage	Output Channels	Channel Power	Address Setting	Push Dim	
DEM.190	12V-36VDC	Depending on the power supply 0...12VDC or 0...36VDC	4	4x(96-288)W	Auto	Supported	
DEM.160 /CA	12V-24VDC	Depending on the power supply 0...12VDC or 0...24VDC	3	60W (12V) or 120W (24V)	Auto	Supported	
DEM.161	12V-24VDC	Depending on the power supply 0...12VDC or 0...24VDC	1	60W (12V) or 120W (24V)	Auto	Supported	
DEM.165	100V-240VAC	0...12VDC	1	135W	Auto	Supported	
DEM.183	175V-264VAC	0...12VDC	1	75W	Auto	Supported	
DEM.167	100V-240VAC	0...24VDC	1	150W	Auto	Supported	
DEM.184	175V-264VAC	0...24VDC	1	75W	Auto	Supported	
PCK.371	100V-240VAC	0...24VDC	1	36W	Auto	Supported	

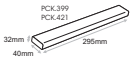


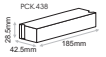
DALI, 1-10V to CONSTANT VOLTAGE
Drivers - Converters

- Extended support for DALI protocol, IEC62386, IEC60929, the definition of DALI protocol.
- Automatic addressing and address extensions.
- Supports push dim operation.

Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Dimming Control	Frequency	Address	Push Dim	
PCK.390	24VDC	8.3A	200W	220-240VAC	1-10V or DALI PWM or RESISTANCE	50/60Hz	Auto	Supported	
PCK.399	24VDC	6.25A	150W	220-240VAC	1-10V or PWM or DALI	50/60Hz	Auto	Supported	
PCK.421	24VDC	3.12A	75W	220-240VAC	1-10V or PWM or DALI	50/60Hz	Auto	Supported	
PCK.438	24VDC	1.67A	40W	220-240VAC	1-10V or PWM or DALI	50/60Hz	Auto	Supported	



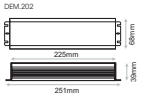


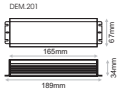


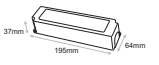
1 ch HIGH IP RATED DIMMABLE DALI
Power Supplies Constant Voltage

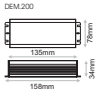
- Overcurrent, Short-circuit protection.
- Overheating protection.
- IP67

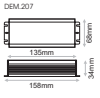
Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency Range	Dimming Control	Address Setting	IP	
DEM.202	24VDC	13.3A	320W	220-277VAC	50/60Hz	DALI	Auto	IP67	
DEM.201	24VDC	6.3A	150W	220-277VAC	50/60Hz	DALI	Auto	IP67	
PCK.373	24VDC	5A	120W	100-240VAC	50/60Hz	DALI	Auto	IP67	
DEM.200	24VDC	3.1A	75W	220-277VAC	50/60Hz	DALI	Auto	IP67	
DEM.207	12VDC	6.25A	75W	220-277VAC	50/60Hz	DALI	Auto	IP67	











1 ch HIGH IP RATED ULTRA THIN
Power Supplies Constant Voltage

- Ultra thin design.
- Single channel. 24VDC output.
- Universal input Voltage. Range 100-240VAC.
- Supports Touch Dim operation.
- Waterproof IP67
- Protection: Overcurrent, Over-load, Short-circuit

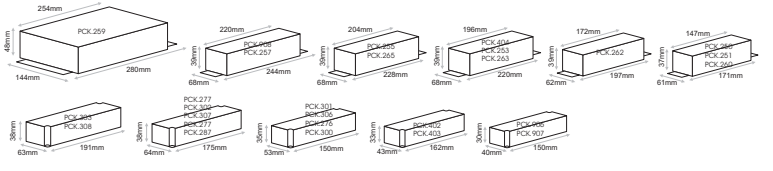
Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency Range	Dimming Control	Address Setting	IP	
PCK.423	24VDC	6.3A	150W	100-240VAC	50/60Hz	DALI	Auto	IP67	
PCK.453	24VDC	10A	240W	100-240VAC	50/60Hz	DALI	Auto	IP67	
PCK.487	24VDC	13.3A	320W	100-240VAC	50/60Hz	DALI	Auto	IP67	

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr
ELECTRON

1ch HIGH IP RATED DIMMABLE 1-10V
Power Supplies Constant Voltage

- Full range Universal AC inputs.
- Built in PFC function.
- Built in 3 in one dimming function. 0-10VDC or 1-10VDC or PWM or Resistance.
- Protections: Short circuit - over current - over voltage - over temperature.
- IP67

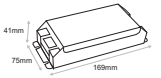
Code	Model	Input Voltage Range	DC Voltage	Rated Current	Rated Power	Dimming Control	Frequency Range	IP
42VDC								
PCK.402	PLF-40D-42	100-240VAC	42VDC	0.95A	40W	1-10VDC or 10V PWM or Resistance	47-63HZ	IP67
PCK.403	PLF-60D-42	100-240VAC	42VDC	1.4A	60W		47-63HZ	IP67
PCK.404	HLG-120H-42B	100-240VAC	42VDC	2.9A	120W		47-63HZ	IP67
24VDC								
PCK.906	LPF-16D-24	90-305VAC	24VDC	0.67A	16W		47-63HZ	IP30
PCK.907	LPF-25D-24	90-305VAC	24VDC	1A	24W		47-63HZ	IP67
PCK.250	HLG-40H-24B	90-305VAC	24VDC	1.6A	40W		47-63HZ	IP67
PCK.251	HLG-60H-24B	90-305VAC	24VDC	2.5A	60W		47-63HZ	IP67
PCK.276	NPF-60D-24	90-305VAC	24VDC	2.5A	60W	1-10VDC or 10V PWM or Resistance	47-63HZ	IP67
PCK.277	NPF-90D-24	90-305VAC	24VDC	3.75A	90W		47-63HZ	IP67
PCK.253	HLG-100H-24B	90-305VAC	24VDC	4A	96W		47-63HZ	IP67
PCK.255	HLG-150H-24B	90-305VAC	24VDC	6.3A	150W		47-63HZ	IP67
PCK.908	ELG-200-24B-3Y	100-305VAC	24VDC	8.3A	200W		47-63HZ	IP67
PCK.257	HLG-240H-24B	90-305VAC	24VDC	10A	240W		47-63HZ	IP67
PCK.259	HLG-600H-24B	90-305VAC	24VDC	25A	600W		47-63HZ	IP67
PCK.300	PWM-40-24	90-305VAC	24VDC	1.67A	40W	0-10VDC or PWM or Resistance	47-63HZ	IP67
PCK.301	PWM-60-24	90-305VAC	24VDC	2.5A	60W		47-63HZ	IP67
PCK.302	PWM-90-24	90-305VAC	24VDC	3.75A	90W		47-63HZ	IP67
PCK.303	PWM-120-24	90-305VAC	24VDC	5A	120W		47-63HZ	IP67
12VDC								
PCK.260	HLG-40H-12B	90-305VAC	12VDC	3.33A	40W		47-63HZ	IP67
PCK.262	HLG-80H-12B	90-305VAC	12VDC	5A	60W	1-10VDC or 10V PWM or Resistance	47-63HZ	IP67
PCK.287	NPF-90D-12	90-305VAC	12VDC	7.5A	90W		47-63HZ	IP67
PCK.263	HLG-120H-12B	90-305VAC	12VDC	10A	120W		47-63HZ	IP67
PCK.265	HLG-150H-12B	90-305VAC	12VDC	12.5A	150W		47-63HZ	IP67
PCK.306	PWM-60-12	90-305VAC	12VDC	5A	60W	0-10VDC or PWM or resistance	47-63HZ	IP67
PCK.307	PWM-90-12	90-305VAC	12VDC	7.5A	90W		47-63HZ	IP67
PCK.308	PWM-120-12	90-305VAC	12VDC	10A	120W		47-63HZ	IP67



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr
ELECTRON

1ch DIMMABLE 1-10V
Power Supplies Constant Voltage

- High efficiency.
- Flicker free.
- Protection: Short-circuit - over current - over voltage.

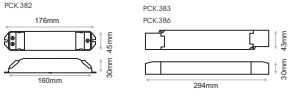


Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency	Dimming Control
PCK.389	24VDC	6.25A	150W	100-240VAC	50/60Hz	1-10V

1ch DIMMABLE 1-10V & PUSH SWITCH
Power Supplies Constant Voltage

- Flicker free
- Dimming range 0.1%-100%
- Suitable for TV studios
- Built in 4 in one dimming function. 0-10VDC or 1-10VDC or PWM.
- Overload, Short-circuit protection
- Overheating protection

Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency Range	Dimming Control	IP	
PCK.382	24VDC	1.5A	36W	100-240VAC	50/60Hz	0-10VDC or 1-10VDC PWM or Push switch	IP20	
PCK.383	24VDC	3.12A	75W	200-240VAC	50/60Hz	0-10VDC or 1-10VDC PWM or Push switch	IP20	
PCK.386	24VDC	4.17A	100W	220-240VAC	50/60Hz	0-10VDC or 1-10VDC PWM or Push switch	IP20	



1ch PHASE CUT
LEADING or TRAILING EDGE
DIMMABLE LED Drivers Constant Voltage

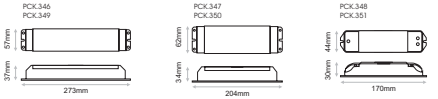
PWM OUTPUT

1-24VDC

Model	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Dimming Range	Control	
PCK.346	200-240VAC 50/60Hz	1-24VDC	150W	6.25A	1-100%	Dimming with Trailing or Leading Edge Dimmer	
PCK.347	200-240VAC 50/60Hz	1-24VDC	75W	3.12A	1-100%	Dimming with Trailing or Leading Edge Dimmer	
PCK.348	200-240VAC 50/60Hz	1-24VDC	36W	1.50A	1-100%	Dimming with Trailing or Leading Edge Dimmer	

1-12VDC

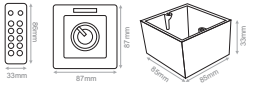
Model	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Dimming Range	Control	
PCK.349	200-240VAC 50/60Hz	1-12VDC	150W	12.50A	1-100%	Dimming with Trailing or Leading Edge Dimmer	
PCK.350	200-240VAC 50/60Hz	1-12VDC	75W	6.25A	1-100%	Dimming with Trailing or Leading Edge Dimmer	
PCK.351	200-240VAC 50/60Hz	1-12VDC	36W	3A	1-100%	Dimming with Trailing or Leading Edge Dimmer	



1ch LED Dimmer-Drivers
Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code	Supply Voltage	Output Voltage	Nr. of Channels	Output Power	Dimming Control
DEM.152	12-24VDC	0...12V or 0...24V	1	1 channel 80W at 12V 1 channel 160W at 24V	with Potentiometer

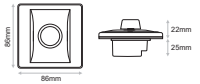


Code	Supply Voltage	Output Voltage	Nr. of Channels	Output Power	Dimming Control
DEM.109	12-24VDC	0...12V or 0...24V	1	1 channel 72W at 12V or 1 channel 144W at 24V	with Potentiometer

1ch DIMMABLE 1-10V
Control Potentiometer
Constant Voltage

Code	Description
PCK.206	1/10V control potentiometer

Code	Description
CDS.019	1/10V control panel

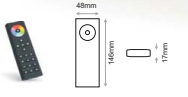


6 zones RGB / RGBW
Control with RF Remote Control
Constant Voltage

- 6 programmable memories (chasers or static colours) per zone.
- Manual setup between RGB or RGBW mode.
- 10 built in colour changing modes with speed adjustable option.
- Master/Slave mode optionally selectable.

RF 6 ZONE TRANSMITTER

Code	Battery Type	Zone Management	Operation Frequency
DEM.170	AAA 1.5V (3pieces)	1-6 zones	434MHz / 868MHz



RF RECEIVER

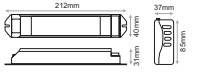
Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power
DEM.171 /CA	RGB / RGBW, 1 zone, 2 outputs	12-24VDC	Depending on the supply voltage 0...12V 0...24V	1 zone, 3x5A RGB or 4x5A RGBW	3x60W / 12VDC - RGB Total 180W/12VDC 4x60W / 12VDC - RGBW Total 240W-12VDC 3x120W / 24VDC - RGB Total 360W-24VDC 4x120W / 24VDC - RGBW Total 480W-24VDC

***Note:** CA=Common Anode

3ch RGB DIMMABLE with RF Remote Control
Controller Constant Voltage

- Dimmable constant voltage LED drivers / controllers.
- Selectable RF frequency.

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.122 /CA **DEM.123** /CC	RGB STAND ALONE LED CONTROLLER	12-24VDC	Depending on the supply voltage 0...12V or 0...24V	3	26W(12V) or 50W(24V)	80W(12V) or 150W(24V)	With built in buttons or RF Remote Control	4 built in programs with speed control, dimmer and pause. All functions are controlled by the built in buttons or the RF Remote Control



***Note:** CC=Common Cathode
CA=Common Anode
All Power Supplies are available in CC and CA upon request

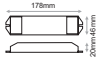
5 zones Monochromatic Control with RF Remote Control

Constant Voltage

- Individual control of up to 5 different zones.
- Standard push button can be connected to each zone independently.
- User friendly and easy setup.
- Control range 20m.

RF RECEIVER

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Control
DEM.174 /CA	Monochromatic, 1 zone, 4 outputs LED controller	12-24VDC	Depending on the supply voltage 0...12V 0...24V	1 zone, 4x5 Amps	4x60W / 12V Total 240W/12V 4x120W / 24V Total 480W-24V	RF wireless control through DEM.172 and single push button



***Note:** CA=Common Anode

RF 5 ZONE TRANSMITTER

Code	Battery Type	Zone Management	Operation Frequency
DEM.172	CR2025 3V	1-5 zones	434MHz / 868MHz

RF TRANSMITTER
Suitable to control DEM.174

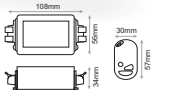
Code	Battery Type	Operation Frequency
DEM.175	CR2025 3V	434MHz / 868MHz

1ch with RF Remote Control

Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code	Supply Voltage	Output Voltage	Output Power (one channel)	Dimming Controll	
DEM.106	12-24VDC	0...12V 0...24V	48W 96W	with RF Remote Control	Selectable RF frequency
DEM.108	5VDC	0...5V	25W	with RF Remote Control	Selectable RF frequency



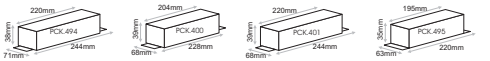
1ch HIGH IP RATED

LED Power Supplies Constant Voltage

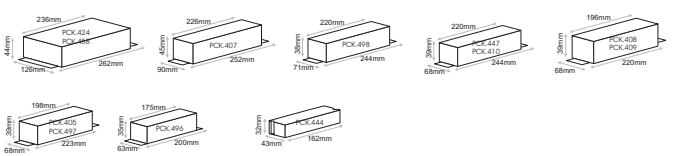
- Power Supplies with fully isolated case
- IP64, IP65, IP67.
- Full range Universal AC inputs
- Cooling by free air convection
- Protections: Short circuit - overload - over voltage

Code	Model	Input Voltage Range	Frequency Range	DC Voltage	Rated Current	Rated Power	IP
48VDC							
PCK.400	HLG-150H-48	100-240VAC	50/60HZ	48VDC	3.1A	150W	IP67
PCK.401	HLG-240H-48A	100-240VAC	50/60HZ	48VDC	5A	240W	IP65
PCK.495	ELG-150-48-3Y	100-240VAC	50/60HZ	48VDC	3.1A	150W	IP67
PCK.494	ELG-200-48-3Y	100-240VAC	50/60HZ	48VDC	4.2A	200W	IP67
42VDC							
PCK.408	HLG-100H-42A	100-240VAC	50/60HZ	42VDC	2.4A	100W	IP65
PCK.409	HLG-150H-42A	200-240VAC	50/60HZ	42VDC	3.6A	150W	IP65
PCK.405	HLG-185H-42A	100-240VAC	50/60HZ	42VDC	4.4A	185W	IP65
PCK.410	HLG-240H-42A	100-240VAC	50/60HZ	42VDC	5.7A	240W	IP65
PCK.447	HLG-240H-42B	100-240VAC	50/60HZ	42VDC	5.7A	240W	IP67
PCK.424	HLG-480H-42A	100-240VAC	50/60HZ	42VDC	11.4A	480W	IP65
PCK.444	LPF-40-42	100-240VAC	50/60HZ	42VDC	0.95A	40W	IP67
PCK.496	ELG-100-42-3Y	100-240VAC	50/60HZ	42VDC	2.4A	100W	IP67
PCK.497	ELG-150-42-3Y	100-240VAC	50/60HZ	42VDC	3.6A	150W	IP67
PCK.498	ELG-240-42-3Y	100-240VAC	50/60HZ	42VDC	5.7A	240W	IP67
PCK.407	HLG-320H-42A	100-240VAC	50/60HZ	42VDC	7.6A	320W	IP65
PCK.458	HLG-480H-42	100-240VAC	50/60HZ	42VDC	11.4A	480W	IP67

48VDC

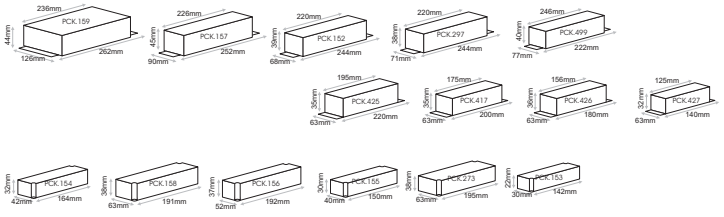


42VDC



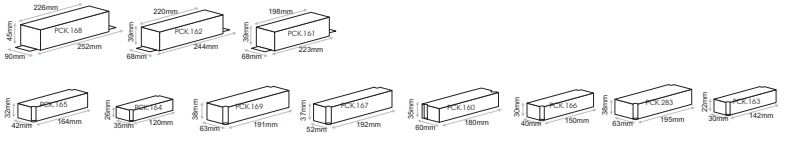
Code	Model	Input Voltage Range	Frequency Range	DC Voltage	Rated Current	Rated Power	IP
24VDC							
PCK.153	LPH-18-24	200-240VAC	50/60HZ	24VDC	0.75A	18W	IP67
PCK.273	NPF-120-24	100-240VAC	50/60HZ	24VDC	5A	120W	IP67
PCK.190	LPV-20-24	100-240VAC	50/60HZ	24VDC	0.83A	20W	IP67
PCK.155	LPV-35-24	100-240VAC	50/60HZ	24VDC	1.5A	36W	IP67
PCK.154	LPV-60-24	100-240VAC	50/60HZ	24VDC	2.5A	60W	IP67
PCK.156	LPV-100-24	100-240VAC	50/60HZ	24VDC	4.2A	100W	IP67
PCK.158	LPV-150-24	180-305VAC	50/60HZ	24VDC	6.3A	150W	IP67
PCK.152	HLG-240-24A	100-240VAC	50/60HZ	24VDC	10A	240W	IP65
PCK.157	HLG-320H-24A	100-240VAC	50/60HZ	24VDC	13.34A	320W	IP65
PCK.159	HLG-480H-24	100-240VAC	50/60HZ	24VDC	20A	480W	IP67
PCK.425	ELG-150-24-3Y	100-240VAC	50/60HZ	24VDC	6.25A	150W	IP67
PCK.297	ELG-240-24-3Y	100-240VAC	50/60HZ	24VDC	10A	240W	IP67
PCK.427	XLG-75-24-A	100-240VAC	50/60HZ	24VDC	3.1A	75W	IP67
PCK.426	XLG-150-24-A	100-240VAC	50/60HZ	24VDC	6.25A	150W	IP67
PCK.417	XLG-200-24	100-240VAC	50/60HZ	24VDC	8.3A	200W	IP67
PCK.499	XLG-320-V-A	100-240VAC	50/60HZ	24VDC	13.3A	320W	IP67

24VDC

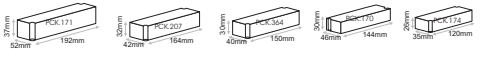


Code	Model	Input Voltage Range	Frequency Range	DC Voltage	Rated Current	Rated Power	IP
12VDC							
PCK.163	LPH-18-12	200-240VAC	50/60HZ	12VDC	1.5A	18W	IP67
PCK.160	ELN-60-12	100-240VAC	50/60HZ	12VDC	5A	60W	IP64
PCK.283	NPF-120-12	100-240VAC	50/60HZ	12VDC	10A	120W	IP67
PCK.161	CLG-150-12A	100-240VAC	50/60HZ	12VDC	11A	130W	IP65
PCK.164	LPV-20-12	100-240VAC	50/60HZ	12VDC	1.67A	20W	IP67
PCK.166	LPV-35-12	100-240VAC	50/60HZ	12VDC	3A	36W	IP67
PCK.165	LPV-60-12	100-240VAC	50/60HZ	12VDC	5A	60W	IP67
PCK.167	LPV-100-12	100-240VAC	50/60HZ	12VDC	8.5A	100W	IP67
PCK.169	LPV-150-12	180-305VAC	50/60HZ	12VDC	10A	120W	IP67
PCK.162	HLG-240-12A	100-240VAC	50/60HZ	12VDC	16A	192W	IP65
PCK.168	HLG-320H-12A	100-240VAC	50/60HZ	12VDC	22A	264W	IP65
5VDC							
PCK.170	ELN-30-5	100-240VAC	50/60HZ	5VDC	5A	25W	IP64
PCK.174	LPV-20-5	100-240VAC	50/60HZ	5VDC	3A	15W	IP67
PCK.364	LPV-35-5	100-240VAC	50/60HZ	5VDC	5A	25W	IP67
PCK.207	LPV-60-5	100-240VAC	50/60HZ	5VDC	8A	40W	IP67
PCK.171	LPV-100-5	100-240VAC	50/60HZ	5VDC	12A	60W	IP67

12VDC



5VDC

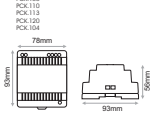


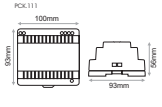
1ch DIN RAIL

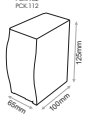
LED Power Supplies Constant Voltage

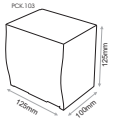
- DIN RAIL Power Supplies
- High quality power supplies for installation in electric boards (DIN rail TS35/7,5 or 15)
- Cooling by free air convection
- Led indicator for power on
- Protections: Short circuit - overload - over voltage

Code	Model	DC Voltage	Rated Current	Rated Power	Input Voltage Range	Frequency Range
24VDC						
PCK.104	DR-30-24	24VDC	1.5A	36W	100-240VAC	50/60HZ
PCK.100	DR-60-24	24VDC	2.5A	60W	88-264VAC	50/60HZ
PCK.101	DR-100-24	24VDC	4.2A	100W	88-264VAC	50/60HZ
PCK.102	DR-120-24	24VDC	5A	120W	100-240VAC	50/60HZ
PCK.103	DRP-240-24	24VDC	10A	240W	100-240VAC	50/60HZ
12VDC						
PCK.113	DR-30-12	12VDC	2A	24W	100-240VAC	50/60HZ
PCK.110	DR-60-12	12VDC	4.5A	54W	88-264VAC	50/60HZ
PCK.111	DR-100-12	12VDC	7.5A	90W	88-264VAC	50/60HZ
PCK.112	DR-120-12	12VDC	10A	120W	100-240VAC	50/60HZ
5VDC						
PCK.120	DR-60-5	5VDC	6.5A	32W	88-264VAC	50/60HZ









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ELECTRON

CC

CONSTANT CURRENT LED DRIVERS

ELECTRON

4ch DMX/RDM to CONSTANT CURRENT
LED Driver Converter

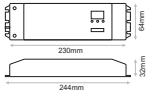
- Constant Current output selection from 250mA up to 1500mA.
- Built in PFC function.
- Variable PWM frequency selection (500Hz or 1kHz or 2kHz).
- 8bit or 16bit PWM resolution.
- Logarithmic or linear dimming curve.
- Common anode configuration.
- Overload, Short-circuit protection.
- Overheating protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.500	220-240VAC 50/60Hz	250-1500mA*	8-43VDC*	11-75W*	≤ 3%**	IP20

P out W/CH Max*	V out DC	I out DC	ta °C	tc °C	η max. Efficiency*
11	8-43	250 mA cost.	-25...+45	80	0.87
13	8-43	300 mA cost.			
15	8-43	350 mA cost.			
17	8-43	400 mA cost.			
19	8-43	450 mA cost.			
22	8-43	500 mA cost.			
26	8-43	600 mA cost.			
30	8-43	700 mA cost.			
34	8-43	800 mA cost.			
39	8-43	900 mA cost.			
43	8-43	1000 mA cost.			
47	8-43	1100 mA cost.			
52	8-43	1200 mA cost.			
56	8-43	1300 mA cost.			
60	8-43	1400 mA cost.			
64	8-43	1500 mA cost.			

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

* Max 64W/CH , CH1 + CH2 + CH3 + CH4 <=75W.
**Referred to Vin = 230 V, 100% load.

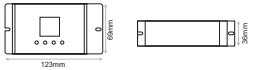


4ch DMX512/RDM DECODER
Constant Current
(Amplitude dimming)

- Amplitude dimming
- DMX512/RDM constant current decoder.
- 4 output channels, output current programmable from 200mA up to 1600mA per channel in steps of 50mA
- Protection: Short-circuit protect, Over current protect, Over temp protect.

Code	Description	Input Voltage	Output Voltage	Output Current	Output Power*	Operating Temperature
DEM.208	DMX510/RDM Decoder Constant Current	12-50VDC	1-42VDC	200 to 1600mA per channel (steps of 50mA)	67W/CH max.240W	-20 -50 °C

* Please refer to the matrix in the manual



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DMX TUNABLE WHITE
Single output (2 channels)
LED Drivers Constant Current

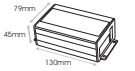
Tunable White Single output (2 channels)
Common Cathode

- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Designed & Manufactured by ELECTRON SA

Code*	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
DEM.047 /CC	220-240VAC 50/60Hz	2x850mA	18-41VDC	15.3W-34.85W	DMX-512

*CC= Common Cathode

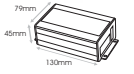


2ch DMX to CONSTANT CURRENT
LED Drivers-Converters

- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Designed & Manufactured by ELECTRON SA

Code*	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
DEM.054	220-240VAC 50/60Hz	2x350mA	5-42VDC	4W-29W	DMX-512



DMX RGBW
LED Drivers Constant Current

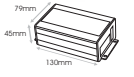
RGBW Common Cathode

- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Designed & Manufactured by ELECTRON SA

Code*	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
DEM.049 /CC	220-240VAC 50/60Hz	4x500mA	10-19VDC	20W-38W	DMX-512

*CC= Common Cathode



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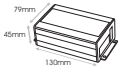
1ch DMX to CONSTANT CURRENT
LED Drivers-Converters

- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Code	Supply Voltage	Output Current	Output Voltage	Output Power	Dimming
350mA					
DEM.053	220-240VAC 50/60Hz	350mA	5-42VDC	2W-15W	DMX-512
500mA					
DEM.052	220-240VAC 50/60Hz	500mA	25-39VDC	12W-20W	DMX-512
700mA					
DEM.051	220-240VAC 50/60Hz	700mA	25-39VDC	17W-27W	DMX-512
900mA					
DEM.050	220-240VAC 50/60Hz	900mA	25-39VDC	23W-35W	DMX-512

Designed & Manufactured
by ELECTRON SA



1ch DMX/RDM to CONSTANT CURRENT
LED Drivers-Converters

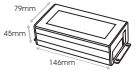
- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Overload protection.
- Suitable for TV studios.

Code	Supply Voltage	Output Current	Output Voltage	Output Power	Dimming
DEM.056	220-240VAC 50/60Hz	700-1400mA*	10-42VDC*	7W-45W	DMX-512/RDM

*Please refer to the matrix below.

P out W	V out DC	I out DC
29.4W	10-42V	700mA
31.5W	10-42V	750mA
33.6W	10-42V	800mA
35.7W	10-42V	850mA
37.8W	10-42V	900mA
44.1W	10-42V	1050mA
45.0W	10-37.5V	1200mA
45.1W	10-32.2V	1400mA

Designed & Manufactured
by ELECTRON SA



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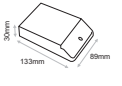
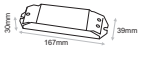
1ch DMX to CONSTANT CURRENT
LED Drivers-Converters

Code	Supply Voltage	Output Channels	Constant Current	Output Power	Output Voltage	Control
PCK.334	220-240VAC 50/60Hz	1	500mA - 700mA - 900mA - 1050mA - 1200mA - 1450mA - 1600mA - 1750mA -	5-27W - 7-37.8W - 9-48.6W - 10.5-50.4W - 12-50.4W - 14.5-49.3W - 16-51.2W - 17.5-50.8W -	10-54VDC 10-54VDC 10-54VDC 10-48VDC 10-42VDC 10-34VDC 10-32VDC 10-29VDC	DMX 512 / RDM and PUSH
PCK.337	220-240VAC 50/60Hz	1	150mA - 250mA - 300mA - 350mA - 500mA - 600mA - 700mA - 900mA -	1.5-8.1W - 2.5-13.5W - 3-16.2W - 3.5-18.9W - 5-25W - 6-25.2W - 7-25.2W - 9-25.2W -	10-54VDC 10-54VDC 10-54VDC 10-54VDC 10-50VDC 10-42VDC 10-36VDC 10-28VDC	DMX 512 / RDM and PUSH
PCK.338	220-240VAC 50/60Hz	1	100mA - 180mA - 300mA - 350mA - 450mA - 500mA - 600mA - 700mA -	1-5.4W - 1.8-9.72W - 3-15W - 3.5-15.05W - 4.5-15.3W - 5-15W - 6-15W - 7-15.4W -	10-54VDC 10-54VDC 10-50VDC 10-43VDC 10-34VDC 10-30VDC 10-25VDC 10-22VDC	DMX 512 / RDM and PUSH
PCK.336	220-240VAC 50/60Hz	1	100mA - 150mA - 200mA - 250mA - 300mA - 350mA - 400mA -	1-4.5W - 1.5-6.8W - 2-9W - 2.5-10W - 3-9.9W - 3.5-9.8W - 4-10W -	10-45VDC 10-45VDC 10-45VDC 10-40VDC 10-33VDC 10-28VDC 10-25VDC	DMX 512 / RDM

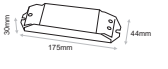
PCK.334



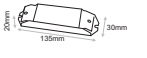
PCK.337



PCK.338



PCK.336



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1ch DMX / 1-10V / PUSH

DIMMABLE LED Driving Converters
Constant Current

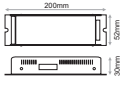
- Converters of digital DMX signal and analogue or PWM signal to constant current.
- For Constant Current LEDs.
- 2040 steps.
- Absolute control through DMX-512 and 0-10V or 1-10V or any Up-Down push button.
- Possible to use in RGB LEDs.
- For 350mA, 500mA, 700mA.

2.040 STEPS
350-500-700-1050mA

Designed & Manufactured
by ELECTRON SA

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Channel Power	Power consumption at full load	Control Input
ONE CHANNEL DIMMABLE LED DRIVING CONVERTERS, CONTROL BY DMX-512, 0/10V or 1/10V or PUSH BUTTONS							
DEM.030	24VDC	2,9V-21,4VDC	350mA	1	1-7,5W	8,3W	0-10V or 1-10V or with single push button or with two push buttons (Up-Down).
DEM.031	24VDC	5,7V-65,7VDC	350mA	1	2-23W	28,5W	
DEM.032	24VDC	3,2V-22VDC	500mA	1	1,6-11W	12,10W	
DEM.033	24VDC	10V-66VDC	500mA	1	5-33W	41,5W	
DEM.034	24VDC	4,3V-21,4VDC	700mA	1	3-15W	16,50W	
DEM.035	24VDC	10V-60VDC	700mA	1	7-42W	52,5W	
DEM.043	24VDC	7,6V-20VDC	1050mA	1	8-21W	23W	
DEM.044	24VDC	19V-44,8VDC	1050mA	1	20-47W	57W	

*Many single and double (up/down) buttons can be connected in parallel.



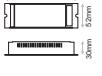
1ch LED Boosters

Constant Current

- LED Boosters of PWM signal of the LED controller.
- For constant current LEDs.
- For 350mA, 500mA, 700mA.
- One Channel LED driving Booster (repeater/amplifier).
- Possible to use in RGB constant current LEDs.

Designed & Manufactured
by ELECTRON SA

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Power Consumption
DEM.036	24VDC	2,9V-21,4VDC	350mA	1	1-7,5W	8,3W
DEM.037	24VDC	5,7V-65,7VDC	350mA	1	2-23W	28,5W
DEM.038	24VDC	3,2V-22VDC	500mA	1	1,6-11W	12,10W
DEM.039	24VDC	10V-66VDC	500mA	1	5-33W	41,5W
DEM.040	24VDC	4,3V-21,4VDC	700mA	1	3-15W	16,50W
DEM.041	24VDC	10V-60VDC	700mA	1	7-42W	52,5W



1ch DMX WARM DIMMING

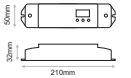
LED Driver Constant Current

(Amplitude dimming)

- Amplitude dimming
- Overload, Short-circuit protection
- Overheating protection

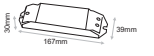
Code	P out W	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.372	46	220-240VAC	900mA	8-52VDC	7-46W	≤ 3%*	IP20	DMX512

*Referred to V_{in} = 230 V, 100% load



- Amplitude dimming
- Overload, Short-circuit protection
- Overheating protection

Code	Supply Voltage	Output Channels	Constant Current	Output Power	Output Voltage	Control
PCK.429	220-240VAC 50/60Hz	1	200mA 350mA 500mA 600mA 700mA 900mA 1050mA 1200mA	2-10.8W 3.5-18.9W 5-27W 6-32.4W 7-36.4W 9-36W 10.5-36.8W 12-36W	10-54VDC 10-54VDC 10-54VDC 10-54VDC 10-52VDC 10-40VDC 10-35VDC 10-30VDC	DMX 512 / RDM and PUSH



DALI DT8 4ch TUNABLE WHITE

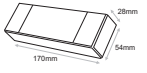
LED Dimmer Constant Current

Constant Current LED Drivers CCC

Tunable White

- DALI DT8 device to control warm white and cool white outputs via a single DALI address.
- 4 Channels constant current output.
- Enables Dimming and Color Temperature Adjustment.
- Color control as defined in the DALI specification for device type 8, Color type Tc.
- Supports DT8 device commands, compatible with DALI masters that support DT8 commands.
- Configuration via DALI master USB interface.
- Numeric digital display for setting DALI address manually.
- Waterproof grade: IP20

Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
DEM.188	12-36VDC	12-36VDC (depending on the input voltage)	4x(8.4-25.2)W	4x700mA	4	0-100%	DALI DT8



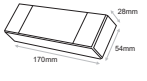
DALI DT8 4ch RGBW

LED Dimmer Constant Current

RGBW

- DALI DT8 device to control RGBW outputs via a single DALI address.
- 4 Channels constant current output.
- Enables Dimming and Color Adjustment.
- Color control as defined in the DALI specification for device type 8, color type RGBW.
- Supports DT8 device commands, compatible with DALI masters that support DT8 commands.
- Configuration via DALI master USB interface.
- Numeric digital display for setting DALI address manually.
- Waterproof grade: IP20

Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
DEM.189	12-36VDC	12-36VDC (depending on the input voltage)	4x(4.2-12.6)W	4x350mA	4	0-100%	DALI DT8



Constant Current LED Drivers CCC

4ch DALI to CONSTANT CURRENT

LED Driver Converter

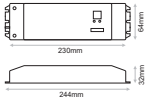
- DALI DT6.
- Push switch dimming.
- Constant Current output selection from 250mA up to 1500mA.
- Built in PFC function.
- Overload, Short-circuit protection.
- Overheating protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.387	220-240VAC 50/60Hz	250-1500mA*	8-43VDC*	11-64W*	≤ 3%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W/CH Max*	V out DC	I out DC	ta °C	tc °C	η max. Efficiency**
11	8-43	250 mA cost.	-25...+45	85	0.87
13	8-43	300 mA cost.			
15	8-43	350 mA cost.			
17	8-43	400 mA cost.			
19	8-43	450 mA cost.			
22	8-43	500 mA cost.			
26	8-43	600 mA cost.			
30	8-43	700 mA cost.			
34	8-43	800 mA cost.			
39	8-43	900 mA cost.			
43	8-43	1000 mA cost.			
47	8-43	1100 mA cost.			
52	8-43	1200 mA cost.			
56	8-43	1300 mA cost.			
60	8-43	1400 mA cost.			
64	8-43	1500 mA cost.			

* CH1 + CH2 + CH3 + CH4 <= 64W.
**Referred to Vin = 230 V, 100% load.



2ch DALI to CONSTANT CURRENT

LED Driver Converter

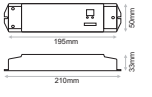
- DALI DT6.
- Push switch dimming.
- Constant Current output selection from 250mA up to 1500mA.
- Built in PFC function.
- Overload, Short-circuit protection.
- Overheating protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.388	220-240VAC 50/60Hz	250-1500mA*	8-48VDC*	12-50W*	≤ 3%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W/CH Max*	V out DC	I out DC	ta °C	tc °C	η max. Efficiency**
12	8-48	250 mA cost.	-25...+45	85	0.87
14	8-48	300 mA cost.			
17	8-48	350 mA cost.			
19	8-48	400 mA cost.			
22	8-48	450 mA cost.			
24	8-48	500 mA cost.			
29	8-48	600 mA cost.			
34	8-48	700 mA cost.			
38	8-48	800 mA cost.			
43	8-48	900 mA cost.			
48	8-48	1000 mA cost.			
51	8-46	1100 mA cost.			
49	8-41	1200 mA cost.			
49	8-38	1300 mA cost.			
49	8-35	1400 mA cost.			
50	8-33	1500 mA cost.			

* CH1 + CH2 <= 50W.
**Referred to Vin = 230 V, 100% load.



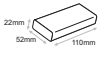
1ch DALI to
CONSTANT CURRENT or CONSTANT VOLTAGE
Converters

- Dimmable: DALI-2
- Overload & Short circuit protection.
- Ripple free.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.318	220-240VAC 50/60Hz	250-700mA*	3-49VDC*	12-20W*	≤ 3%**	IP20	DALI

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
12	15-49	250 mA cost.	55	-25...+45	75	0.95	>0.87
17	10-49	350 mA cost.					
19	5-49	400 mA cost.					
20	5-45	450 mA cost.					
20	5-40	500 mA cost.					
20	3-36	550 mA cost.					
20	3-33	600 mA cost.					
20	3-28	700 mA cost.					
16W at 24VDC	Constant Voltage						

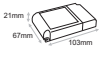


*Referred to V_{in} = 230 V, 100%

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.324	220-240VAC 50/60Hz	250-700mA*	3-48VDC*	12-32W*	≤ 3%**	IP20	DALI

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
12	10-48	250 mA cost.	59	-25...+50	75	0.95	>0.87
14	10-48	300 mA cost.					
17	5-48	350 mA cost.					
19	5-48	400 mA cost.					
22	5-48	450 mA cost.					
24	5-48	500 mA cost.					
26	3-48	550 mA cost.					
28	3-48	600 mA cost.					
31	3-48	650 mA cost.					
32	3-46	700 mA cost.					
10W at 12VDC	Constant Voltage						
20W at 24VDC	Constant Voltage						



*Referred to V_{in} = 230 V, 100%

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1ch DALI to CONSTANT CURRENT
Converters

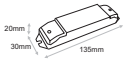
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.470	220-240VAC 50/60Hz	100-400mA*	10-42VDC*	4-12W*	≤ 1%**	IP20	DALI, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	η max. Efficiency*
4.2	10-42	100 mA const.	50	-25...+50	75	0.82
6.3	10-42	150 mA const.				
8.4	10-42	200 mA const.				
10.5	10-42	250 mA const.				
12	10-40	300 mA const.				
12	10-34	350 mA const.				
12	15-30	400 mA const.				

*Referred to V_{in} = 230 V, 100% load

- Dimming range 0.01%-100%.
- Suitable for TV studios.
- Overload, Short circuit protection.
- Overheating protection.



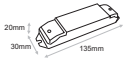
Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.384	220-240VAC 50/60Hz	350-700mA*	10-24VDC*	8-12W*	IP20	DALI

*Please refer to the matrix below.

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	η max. Efficiency*
8	10-24	350 mA const.	35	-25...+50	85	0.88
10	10-24	400 mA const.				
11	10-24	450 mA const.				
12	10-24	500 mA const.				
12	10-22	550 mA const.				
12	10-20	600 mA const.				
12	10-18.5	650 mA const.				
12	10-17	700 mA const.				

*Referred to V_{in} = 230 V, 100% load

- Constant Current output selection from 350mA up to 700mA.
- Dimming range 0.01%-100%
- Suitable for TV studios
- Overload, Short-circuit protection
- Overheating protection

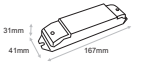


Code	Supply Voltage	Output Current	Output Voltage	Max. Power Consumption	Control
PCK.296	220-240VAC 50/60Hz	200-1200mA*	10-54VDC*	36W	DALI, PUSH

*Please refer to the matrix below.

Output Power	Output Voltage	Output Current
2-10.8W	10-54V	200mA
3.5-18.9W	10-54V	350mA
5-27W	10-54V	500mA
6-32.4W	10-54V	600mA
7-36.4W	10-52V	700mA
9-36W	10-40V	900mA
10.5-36.75W	10-35V	1050mA
12-36W	10-30V	1200mA

- Overload, Short-circuit protection
- Overheating protection



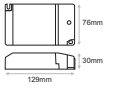
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.419	220-240VAC 50/60Hz	350-1200mA*	2-70VDC*	25-65W*	≤ 3%**	IP20	DALI, 1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
25	10-70	350 mA cost.	95	-25...+55	80	0.98	>90
31	10-70	450 mA cost.					
35	2-70	500 mA cost.					
38	2-69	550 mA cost.					
41	2-68	600 mA cost.					
48	2-68	700 mA cost.					
52	2-66	800 mA cost.					
60	2-66	900 mA cost.					
63	2-66	950 mA cost.					
65	2-62	1050 mA cost.					
65	2-54	1200 mA cost.					
65W at 58VDC	Constant Voltage						

*Referred to V_{in} = 230 V, 100%

- Overload & Short circuit protection.



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1ch DALI WARM DIMMING

LED Drivers Constant Current

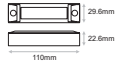
(Amplitude dimming)

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.471	220-240VAC 50/60Hz	120-300mA*	9-45VDC*	5-10W*	IP20	DALI, PUSH

P out W	V out DC	I out DC
5.4	9-45	120 mA cost.
9	9-45	200 mA cost.
10	9-40	250 mA cost.
10	9-33	300 mA cost.

*Please refer to the matrix below.

- Overload & Short circuit protection.
- Overheating protection.
- Supports push dim operation.

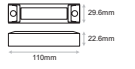


Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.445	220-240VAC 50/60Hz	350-700mA*	2-24VDC*	8-10W*	IP20	DALI, PUSH

P out W	V out DC	I out DC
8.4	2-24	350 mA cost.
9.6	2-24	400 mA cost.
9.9	2-22	450 mA cost.
10	2-20	500 mA cost.
9.9	2-18	550 mA cost.
9.6	2-16	600 mA cost.
9.8	2-15	650 mA cost.
9.8	2-14	700 mA cost.

*Please refer to the matrix below.

- Overload & Short circuit protection.
- Overheating protection.
- Supports push dim operation.



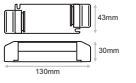
- Overload & Short circuit protection.
- DALI-2
- Supports push dim operation.
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.963	220-240VAC 50/60Hz	250-700mA*	15-50VDC*	12-17W*	≤ 5%**	IP20	DALI, PUSH

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
12.5	15-50	250 mA cost.	60	-25...+55	80	0.96	0.86
15	15-50	300 mA cost.					
17.2	15-49	350 mA cost.					
17.2	15-43	400 mA cost.					
17.1	15-38	450 mA cost.					
17	15-34	500 mA cost.		-25...+60	75		
17.1	15-31	550 mA cost.					
16.8	15-28	600 mA cost.					
16.9	15-26	650 mA cost.					
16.8	15-24	700 mA cost.					

*Referred to V_{in} = 230 V, 100%

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

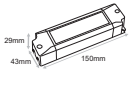


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.353	220-240VAC 50/60Hz	350-700mA*	9-40VDC*	14-20W*	DALI, PUSH

P out W	V out DC	I out DC
14	9-40	350 mA
20	9-40	500 mA
20	9-36	550 mA
20	9-28	700 mA

*Please refer to the matrix below.

- Overload, Short-circuit protection.
- Overheating protection.
- Supports push dim operation.



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ELECTRON

(Amplitude dimming)

- Overload & Short circuit protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.483	220-240VAC 50/60Hz	250-700mA*	3-48VDC*	12-32W*	≤ 3%**	IP20	DALI

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
12	10-48	250 mA cost.	59	-25...+50	75	0.95	>87
14	10-48	300 mA cost.					
17	5-48	350 mA cost.					
19	5-48	400 mA cost.					
22	5-48	450 mA cost.					
24	5-48	500 mA cost.					
26	3-48	550 mA cost.					
28	3-48	600 mA cost.					
31	3-48	650 mA cost.					
32	3-46	700 mA cost.					

*Referred to V_{in} = 230 V, 100%

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

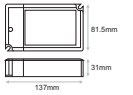
- Overload & Short circuit protection.
- Over temperature protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.446	220-240VAC 50/60Hz	850-1200mA*	9-45VDC*	8-40W*	≤ 3%**	IP20	DALI, PUSH

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
38	9-45	850 mA cost.	55	-25...+50	95	0.95	0.88
40	9-44	900 mA cost.					
40	9-42	950 mA cost.					
40	9-40	1000 mA cost.					
40	9-38	1050 mA cost.					
40	9-36	1100 mA cost.					
40	9-35	1150 mA cost.					
40	9-33	1200 mA cost.					

*Referred to V_{in} = 230 V, 100%

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load



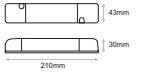
- Overload & Short circuit protection.
- DALI-2
- Supports push dim operation.
- Selectable output current in 50mA steps.
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.367	220-240VAC 50/60Hz	500-1050mA*	25-50VDC*	25-45W*	≤ 3%**	IP20	DALI

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
25	25-50	500 mA cost.	60	-25...+50	80	0.98	0.91
35	25-50	700 mA cost.			85		
45	25-50	900 mA cost.			85		
45	25-43	1050 mA cost.			85		

*Referred to V_{in} = 230 V, 100%

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load



1ch DALI / 1-10V / PUSH WARM DIMMING

LED Drivers Constant Current

(Amplitude dimming)

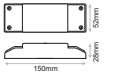
- Overload & Short circuit protection.
- Overheating protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.971	220-240VAC 50/60Hz	250-700mA*	9-60VDC*	2-21W*	IP20	DALI, 1-10V**, PUSH

*Please refer to the matrix below.
**1-10V dimming range 2-100%.

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
15	9-60	250 mA cost.	68	-20...+50	85	0.9	0.85
20.5	9-58	350 mA cost.					
21	9-42	500 mA cost.					
21	9-30	700 mA cost.					

*Referred to V_{in} = 230 V, 100%



- Overload & Short circuit protection.
- Overheating protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.964	220-240VAC 50/60Hz	300-900mA*	9-58VDC*	3-30W*	IP20	DALI, 1-10V**, PUSH

*Please refer to the matrix below.
**1-10V dimming range 2-100%.

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
17.4	9-58	300 mA cost.	68	-20...+50	85	0.9	0.87
20.3	9-58	350 mA cost.					
29	9-58	500 mA cost.					
30	9-42	700 mA cost.					
30	9-34	900 mA cost.					

*Referred to V_{in} = 230 V, 100%

1ch DALI / 1-10V / PUSH WARM DIMMING
LED Drivers Constant Current

(Amplitude dimming)

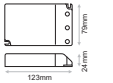
- Overload & Short circuit protection.
- Overheating protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.970	220-240VAC 50/60Hz	500-1050mA*	9-58VDC*	5-40W*	IP20	DALI, 1-10V**, PUSH

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
29	9-58	500 mA cost.	68	-25...+50	85	0.9	>85
32	9-58	550 mA cost.					
35	9-58	600 mA cost.					
38	9-58	650 mA cost.					
40	9-58	700 mA cost.					
40	9-53	750 mA cost.					
40	9-50	800 mA cost.					
40	9-47	850 mA cost.					
40	9-45	900 mA cost.					
40	9-42	950 mA cost.					
40	9-40	1000 mA cost.					
40	9-38	1050 mA cost.					

*Please refer to the matrix below.
**1-10V dimming range 2-100%.

*Referred to V_{in} = 230 V, 100%



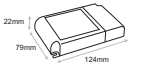
- Overload & Short circuit protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.420	220-240VAC 50/60Hz	250-700mA*	2-112VDC*	28-60W*	≤ 3%**	IP20	DALI, 1-10V, PUSH

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
28	20-112	250 mA cost.	119	-25...+50	90	0.95	>0.92
34	20-112	300 mA cost.					
39	20-112	350 mA cost.					
45	20-112	400 mA cost.					
50	20-112	450 mA cost.					
56	2-112	500 mA cost.					
60	2-110	550 mA cost.					
60	2-100	600 mA cost.					
60	2-92	650 mA cost.					
60	2-86	700 mA cost.					

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

*Referred to V_{in} = 230 V, 100%



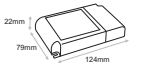
- Overload & Short circuit protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.356	220-240VAC 50/60Hz	350-1050mA*	2-74VDC*	25-60W*	≤ 3%**	IP20	DALI, 1-10V, PUSH

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
25	2-74	350 mA cost.	90	-25...+50	90	0.95	>92
35	2-72	500 mA cost.					
39	2-72	550 mA cost.					
46	2-72	650 mA cost.					
50	2-72	700 mA cost.					
54	2-72	750 mA cost.					
60	2-70	850 mA cost.					
60	2-66	900 mA cost.					
60	2-60	1.00 A cost.					
60	2-57	1.05 A cost.					

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

*Referred to V_{in} = 230 V, 100% load



1ch DALI WARM DIMMING NFC PROGRAMMABLE

LED Drivers Constant Current

(Amplitude dimming)

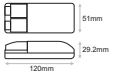
- NFC Programmable.
- DALI-2
- Overload & Short circuit protection.
- Current selectable output with 1mA step.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.943	220-240VAC 50/60Hz	100-1050mA*	7-44VDC*	4-20W*	≤ 5%**	IP20	DALI

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
4.4	15-44	100 mA cost.	60	-25...+50	75	0.93	83
8.8	8-44	200 mA cost.					
13.2	7-44	300 mA cost.					
17.6	7-44	400 mA cost.					
20	7-40	500 mA cost.		-25...+45			
20	7-33	600 mA cost.					
20	7-28	700 mA cost.					
20	7-25	800 mA cost.					
20	7-22	900 mA cost.					
20	7-19	1050 mA cost.					

*Referred to V_{in} = 230 V, 100%



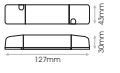
- NFC Programmable.
- DALI-2
- Overload & Short circuit protection.
- Current selectable output with 1mA step.
- Supports push dim operation.
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.973	220-240VAC 50/60Hz	300-700mA*	7-42VDC*	12-28W*	≤ 2%**	IP20	DALI

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
12.6	7.5-42	300 mA cost.	60	-25...+50	80	0.97	86
16.8	7.5-42	400 mA cost.					
21	7.5-42	500 mA cost.					
25.2	7.5-42	600 mA cost.					
28	7.5-40	700 mA cost.					

*Referred to V_{in} = 230 V, 100%



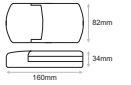
- NFC Programmable.
- DALI-2
- Overload & Short circuit protection.
- Current selectable output with 1mA step.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.956	220-240VAC 50/60Hz	450-1050mA*	27-54VDC*	24-45W*	≤ 5%**	IP20	DALI

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
24.3	27-54	450 mA cost.	60	-25...+50	65	0.95	88
27	27-54	500 mA cost.					
32.4	27-54	600 mA cost.			70		
37.8	27-54	700 mA cost.					
43.2	27-54	800 mA cost.			75		
45	27-50	900 mA cost.					
45	27-43	1050 mA cost.					

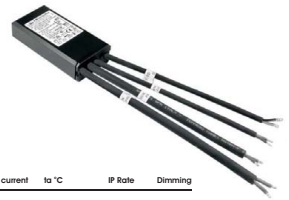
*Referred to V_{in} = 230 V, 100%



1ch DALI DIMMABLE IP68

LED Drivers Constant Current

(Amplitude dimming)



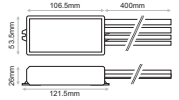
- IP68
- DALI-2
- Overload & Short circuit protection.
- Overheating protection.

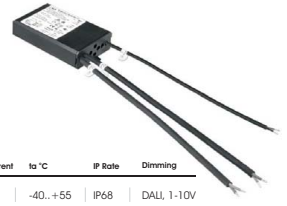
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
PCK.490	220-240VAC 50/60Hz	250-700mA*	2-49VDC*	12-30W*	≤ 3%**	-40..+60	IP68	DALI

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	tc °C	η max. Efficiency*
12	15-49	250 mA cost.	60	90	>0.88
15	8-49	300 mA cost.			
17	2-49	350 mA cost.			
25	2-49	500 mA cost.			
30	2-43	700 mA cost.			

*Referred to V_{in} = 230 V, 100%





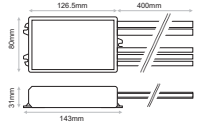
- IP68
- DALI-2
- Overload & Short circuit protection.
- Overheating protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
PCK.491	220-240VAC 50/60Hz	350-1400mA*	10-50VDC*	18-70W*	≤ 3%**	-40..+55	IP68	DALI, 1-10V

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	tc °C	η max. Efficiency*
18	10-50	350 mA cost.	60	90	>0.92
25	10-50	500 mA cost.			
35	10-50	700 mA cost.			
45	10-50	900 mA cost.			
53	10-50	1050 mA cost.			
60	10-50	1200 mA cost.			
70	10-50	1400 mA cost.			

*Referred to V_{in} = 230 V, 100%



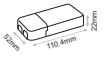
1ch DIMMABLE 1-10V
CONSTANT CURRENT or CONSTANT VOLTAGE
Universal Drivers

- Selectable Dimmable Constant Current or Constant Voltage driver.
- Selectable by dip-switches.
- Dimmable 1-10V.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.327	220-240VAC 50/60Hz	100-380mA*	2-53VDC*	5-20W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
5	20-53	100 mA cost.	89	-25...+50	75	0.95	>0.87
14	2-53	260 mA cost.					
16	2-53	300 mA cost.					
18	5-53	340 mA cost.					
20	3-53	380 mA cost.					
9W at 24VDC	Constant Voltage						

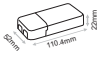


*Referred to V_{in} = 230 V, 100%

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.325	220-240VAC 50/60Hz	250-900mA*	3-53VDC*	13-20W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
13	20-53	250 mA cost.	59	-25...+50	80	0.95	>0.85
15	20-52	300 mA cost.					
18	15-50	350 mA cost.					
20	5-40	500 mA cost.					
20	3-29	700 mA cost.					
20	3-23	900 mA cost.					
11W at 12VDC	Constant Voltage						
20W at 24VDC	Constant Voltage						

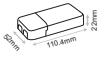


*Referred to V_{in} = 230 V, 100%

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.323	220-240VAC 50/60Hz	350-900mA*	2-43VDC*	15-20W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
15	2-43	350 mA cost.	49	-25...+50	80	0.95	>0.87
20	2-40	500 mA cost.					
20	2-36	550 mA cost.					
20	2-29	700 mA cost.					
20	2-24	850 mA cost.					
20	2-22	900 mA cost.					
10W at 12VDC	Constant Voltage						
20W at 24VDC	Constant Voltage						



*Referred to V_{in} = 230 V, 100%

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

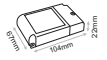
ELECTRON

- Overload, Short-circuit protection.
- Overheating protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.098	220-240VAC 50/60Hz	250-900mA*	2-53VDC*	13-32W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
13	15-53	250 mA cost.	59	-25...+45	75	0.95	>0.88
16	15-53	300 mA cost.					
18	15-53	350 mA cost.					
21	15-53	400 mA cost.					
23	5-52	450 mA cost.					
25	2-50	500 mA cost.					
27	2-50	550 mA cost.					
30	2-50	600 mA cost.					
32	2-49	650 mA cost.					
32	2-46	700 mA cost.					
20	2-27	750 mA cost.					
20	2-25	800 mA cost.					
20	2-24	850 mA cost.					
20	2-22	900 mA cost.					
11W at 12VDC	Constant Voltage						
20W at 24VDC	Constant Voltage						



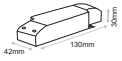
*Referred to V_{in} = 230 V, 100%

- Overload, Short-circuit protection.
- Overheating protection.
- Does not support push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.391	220-240VAC 50/60Hz	300-1050mA*	10-54VDC*	16-36W*	≤ 3%**	IP20	1-10V

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
16	10-54	300 mA cost.	59	-25...+40	80	0.95	>0.9
18	10-54	350 mA cost.					
27	10-54	500 mA cost.					
36	10-51	700 mA cost.					
36	10-40	900 mA cost.					
36	10-35	1050 mA cost.					



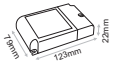
*Referred to V_{in} = 230 V, 100%

- Overload, Short-circuit protection.
- Overheating protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.180	220-240VAC 50/60Hz	350-1050mA*	20-74VDC*	25-50W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
25	20-74	350 mA cost.	90	-25...+50	85	0.95	>0.89
35	20-72	500 mA cost.					
50	20-71	700 mA cost.					
50	20-55	900 mA cost.					
50	20-48	1050 mA cost.					
50W at 48VDC	Constant Voltage						



*Referred to V_{in} = 230 V, 100%

ELECTRON

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1ch DIMMABLE 1-10V & LEADING or TRAILING EDGE
LED Driver Constant Current

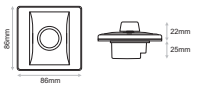
350mA, 500mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	Dimming Control	Dimming Range
PCK.281	220-240VAC / 50Hz	14-28VDC	5-10W	350mA	1-10V or Trailing Edge or Leading Edge	10-100%
PCK.245	220-240VAC / 50Hz	10-20VDC	5-10W	500mA	1-10V or Trailing Edge or Leading Edge	10-100%

1ch DIMMABLE 1-10V
Control Potentiometer Constant Current

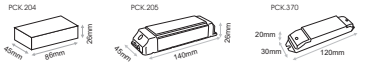
Code	Description
PCK.206	1-10V control potentiometer

Code	Description
CDS.019	1-10V control panel



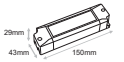
1ch DIMMABLE 1-10V
LED Driver Constant Current

Code	Supply Voltage	Output Voltage	Output Power	Output Current	Dimming Control	Dimming Range	
PCK.204	110-255VAC 50/60Hz	3-18VDC	1-6W	350mA	1-10V	10-100%	
PCK.205	110-255VAC 50/60Hz	9-36VDC	3-12W	350mA	1-10V	10-100%	
PCK.370	100-240VAC 50/60Hz	3-24VDC	8.4W	350mA	1-10V	0.01-100%	



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.358	200-240VAC 50/60Hz	200-350mA	9-40V	8-12W	1-10V

P out W	V out DC	I out DC
8W	40V	200 mA
10W	40V	250 mA
12W	40V	300 mA
12W	34V	350 mA

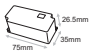


- Constant Current output selection from 350mA up to 700mA.
- Suitable for TV studios.
- Overload, Short-circuit protection.
- Overheating protection.
- LF Current Ripple (<120Hz) <3%

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.430	220-240VAC 50/60Hz	350-700mA*	2-21VDC*	7-10W*	1-10V

*Please refer to the matrix below.

P out W	V out DC	I out DC
7.4	2-21	350 mA cost.
8.4	2-21	400 mA cost.
9.5	2-21	450 mA cost.
10	2-20	500 mA cost.
9.9	2-18	550 mA cost.
9.6	2-16	600 mA cost.
9.8	2-15	650 mA cost.
9.8	2-14	700 mA cost.



1ch 1-10V DIMMABLE

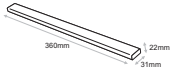
LED Drivers Constant Current

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.217	220-240VAC 50/60Hz	140-350mA*	30-250VDC*	35-80W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
35	30-250	140 mA cost.	300	-25...+55	85	0.95	>93
38	30-250	155 mA cost.					
43	30-250	170 mA cost.					
46	30-250	185 mA cost.					
50	30-250	200 mA cost.					
54	30-250	215 mA cost.					
58	30-250	230 mA cost.					
61	30-250	245 mA cost.					
65	30-250	260 mA cost.					
69	30-250	275 mA cost.					
73	30-250	290 mA cost.					
76	30-250	305 mA cost.					
80	30-250	320 mA cost.					
80	30-235	335 mA cost.					
80	30-228	350 mA cost.					

*Referred to V_{in} = 230 V, 100%

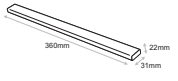


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.357	220-240VAC 50/60Hz	220-500mA*	30-170VDC*	37-80W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
37	30-170	220 mA cost.	210	-25...+50	85	0.95	>92
41	30-170	240 mA cost.					
44	30-170	260 mA cost.					
48	30-170	280 mA cost.					
51	30-170	300 mA cost.					
54	30-170	320 mA cost.					
58	30-170	340 mA cost.					
61	30-170	360 mA cost.					
65	30-170	380 mA cost.					
68	30-170	400 mA cost.					
71	30-170	420 mA cost.					
75	30-170	440 mA cost.					
78	30-170	460 mA cost.					
80	30-167	480 mA cost.					
80	30-160	500 mA cost.					

*Referred to V_{in} = 230 V, 100%

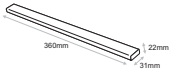


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.322	220-240VAC 50/60Hz	350-700mA*	30-120VDC*	42-80W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
42	30-120	350 mA cost.	180	-25...+50	85	0.95	>92
45	30-120	375 mA cost.					
48	30-120	400 mA cost.					
51	30-120	425 mA cost.					
54	30-120	450 mA cost.					
57	30-120	475 mA cost.					
60	30-120	500 mA cost.					
63	30-120	525 mA cost.					
66	30-120	550 mA cost.					
69	30-120	575 mA cost.					
72	30-120	600 mA cost.					
75	30-120	625 mA cost.					
78	30-120	650 mA cost.					
80	30-118	675 mA cost.					
80	30-114	700 mA cost.					

*Referred to V_{in} = 230 V, 100%



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1ch 1-10V WARM DIMMING

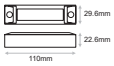
LED Drivers Constant Current

(Amplitude dimming)

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.468	220-240VAC 50/60Hz	120-350mA*	9-42VDC*	5-10W*	1-10V

*Please refer to the matrix below.

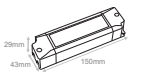
P out W	V out DC	I out DC
5	9-42	120 mA cost.
6.3	9-42	150 mA cost.
7.6	9-42	180 mA cost.
8.4	9-42	200 mA cost.
9.8	9-41	240 mA cost.
10	9-37	270 mA cost.
10	9-33	300 mA cost.
10	9-28	350 mA cost.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.352	220-240V 50/60Hz	280-450mA*	3-40VDC*	11.2-14.85W*	1-10V

*Please refer to the matrix below.

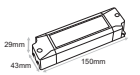
P out W	V out DC	I out DC
11.2	3-40	280 mA
14	3-40	350 mA
14.85	3-33	450 mA



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.381	220-240VAC 50/60Hz	350-700mA*	9-40VDC*	14-20W*	1-10V

*Please refer to the matrix below.

P out W	V out DC	I out DC
14	9-40	350 mA
20	9-40	500 mA
19.8	9-36	550 mA
19.6	9-28	700 mA



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1ch 1-10V DIMMABLE IP68

LED Drivers Constant Current

- IP68
- Overload & Short circuit protection.
- Overheating protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
PCK.463	220-240VAC 50/60Hz	350mA	2-46VDC	1-16W	≤ 3%*	-40..+60	IP68	1-10V

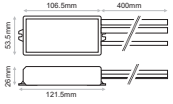
*Referred to V_{in} = 230 V, 100% load

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
PCK.464	220-240VAC 50/60Hz	500mA	2-40VDC	1-20W	≤ 3%*	-40..+60	IP68	1-10V

*Referred to V_{in} = 230 V, 100% load

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
PCK.465	220-240VAC 50/60Hz	700mA	2-24VDC or 24VDC const.	1-17W	≤ 3%*	-40..+60	IP68	1-10V

*Referred to V_{in} = 230 V, 100% load



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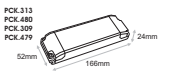
1ch LEADING or TRAILING EDGE (PHASE CUT DIMMERS)

DIMMABLE LED Drivers Constant Current

- Overload & Short circuiting protection.
- Overheating protection.

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Channel Power	Control	
18W / 350mA							
PCK.242	220-240VAC 50/60Hz	15-52VDC	350mA	1	6-18W	Dimmable with leading or trailing edge dimmer	
18W / 500mA							
PCK.362	220-240VAC 50/60Hz	18-36VDC	500mA	1	9-18W	Dimmable with trailing edge dimmer	
25W / 500mA							
PCK.393	220-240VAC 50/60Hz	25-50VDC	500mA	1	12.5-25W	Dimmable with trailing edge dimmer	
40W / 500mA							
PCK.313	220-240VAC 50/60Hz	40-80VDC	500mA	1	20-40W	Dimmable with leading or trailing edge dimmer	
18W / 700mA							
PCK.455	220-240VAC 50/60Hz	13-26VDC	700mA	1	9.1-18.2W	Dimmable with leading or trailing edge dimmer	
40W / 700mA							
PCK.480	220-240VAC 50/60Hz	28-56VDC	700mA	1	20-40W	Dimmable with leading or trailing edge dimmer	
45W / 1050mA							
PCK.309	220-240VAC 50/60Hz	22-43VDC	1050mA	1	22-45W	Dimmable with leading or trailing edge dimmer	
50W / 1300mA							
PCK.479	220-240VAC 50/60Hz	20-39VDC	1300mA	1	25-50W	Dimmable with leading or trailing edge dimmer	



Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Control	
PCK.360	200-240VAC 50/60Hz	9-42VDC	180mA / 7.5W 240mA / 10W 300mA / 12W	1	Dimmable with leading or trailing edge dimmer	

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1ch LEADING or TRAILING EDGE (PHASE CUT DIMMERS)

DIMMABLE LED Drivers Constant Current

- Overload & Short circuiting protection.
- Overheating protection.

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Control
PCK.291	220-240VAC 50/60Hz	28-42VDC	180-350mA*	1	7.6-14.7W*	Dimmable with leading or trailing edge dimmer

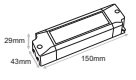
*Please refer to the matrix below.

P out W	V out DC	I out DC
7.6W	28-42VDC	180 mA
10.5W	28-42VDC	250 mA
14.7W	28-42VDC	350 mA

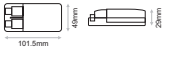
Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Control
PCK.395	220-240VAC 50/60Hz	9-40VDC*	350-500mA*	1	14-15W*	Dimmable with leading or trailing edge dimmer

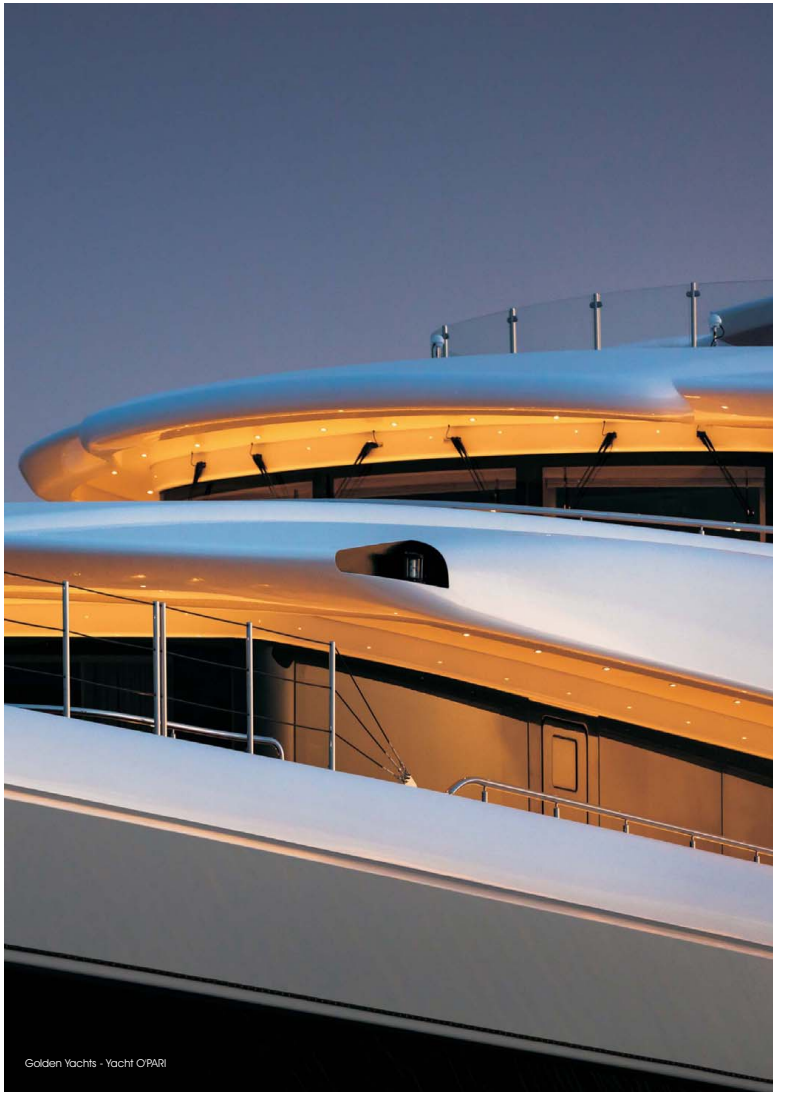
*Please refer to the matrix below.

P out W	V out DC	I out DC
14W	9-40VDC	350 mA
14.8W	9-37VDC	400 mA
14.9W	9-33VDC	450 mA
15W	9-30VDC	500 mA



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.936	220-240VAC 50/60Hz	700mA	3-20VDC	14W	Trailing or Leading Edge Dimmer





Golden Yachts - Yacht O'PARI

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1ch PHASE CUT WARM DIMMING
LED Drivers Constant Current

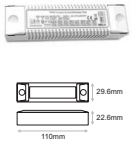
(Amplitude dimming)

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.962	220-240VAC 50/60Hz	180mA	27-42VDC	4.9-7.6W	Trailing or Leading Edge Dimmer
PCK.960	220-240VAC 50/60Hz	350mA	3-20VDC	1.1-7W	Trailing or Leading Edge Dimmer

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.469	220-240VAC 50/60Hz	120-350mA*	9-42VDC*	5-10W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
5	9-42	120
6.3	9-42	150
7.6	9-42	180
8.8	9-42	210
10	9-40	250
9.9	9-33	300
9.9	9-31	320
9.8	9-28	350

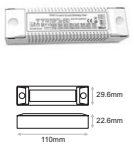
*Please refer to the matrix below.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.459	220-240VAC 50/60Hz	350-700mA*	2-21VDC*	7-10W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
7.4	2-21	350
8.4	2-21	400
9.5	2-21	450
10	2-20	500
9.9	2-18	550
9.6	2-16	600
9.8	2-15	650
9.8	2-14	700

*Please refer to the matrix below.



- Flicker-free
- Protection: Short circuit, overheating, overload.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.379	220-240VAC 50/60Hz	350-700mA*	3-24VDC*	8.4-10W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
8.4	3-24	350
9.6	3-24	400
9.9	3-22	450
10	3-20	500
9.9	3-18	550
9.6	3-16	600
9.6	3-15	650
9.8	3-14	700

*Please refer to the matrix below.

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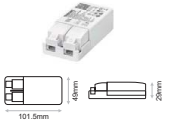
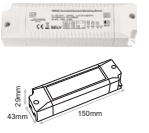
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.954	220-240VAC 50/60Hz	350mA	27-42VDC	9.5-14.7W	Trailing or Leading Edge Dimmer



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.354	220-240VAC 50/60Hz	280-450mA*	3-42VDC*	11.8-15W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
11.8	3-42	280 mA
14.7	3-42	350 mA
15	3-33	450 mA

*Please refer to the matrix below.

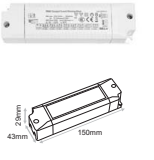


Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.363	220-240VAC 50/60Hz	600mA	21-42VDC	12.6-25.2W	IP20	Trailing Edge Dimmer

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.375	220-240VAC 50/60Hz	350-700mA*	9-40VDC*	14-20W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
14	9-40	350 mA
16	9-40	400 mA
18	9-40	450 mA
20	9-40	500 mA
19.8	9-36	550 mA
19.8	9-33	600 mA
19.5	9-30	650 mA
19.6	9-28	700 mA

*Please refer to the matrix below.

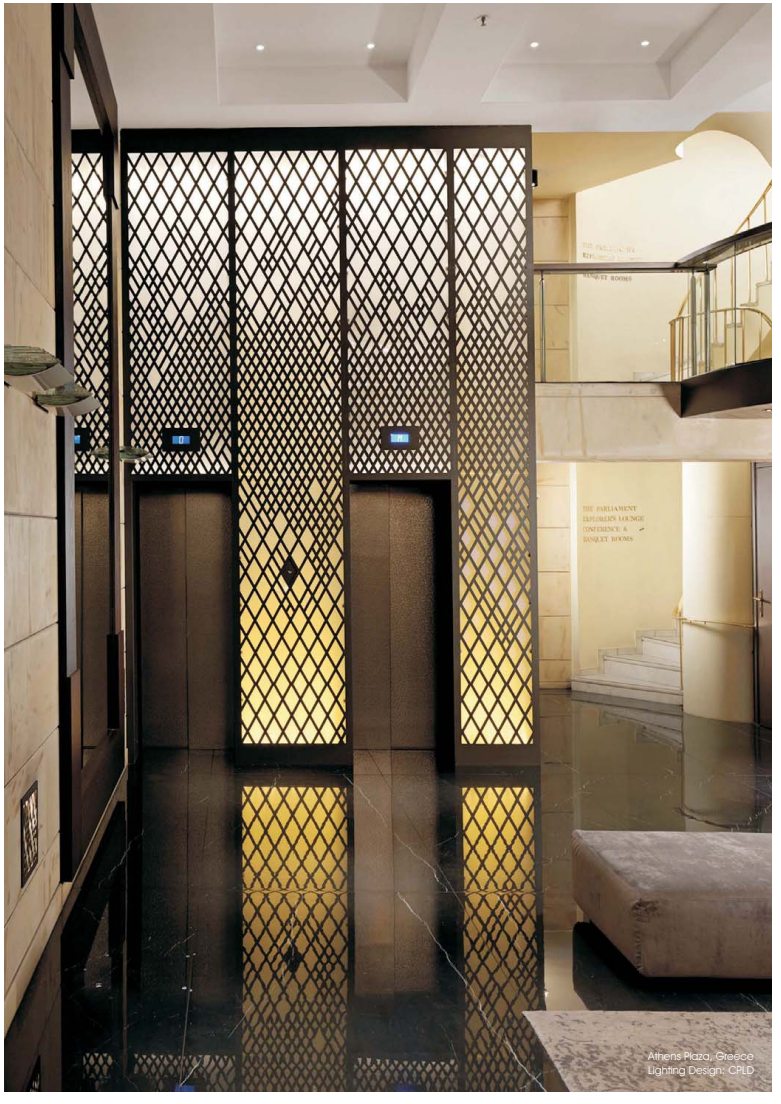


Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.345	220-240VAC 50/60Hz	900mA*	22-42VDC*	38W*	IP20	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
38	22-42	900 mA cost.	90	-20...+50	80	0.95	88

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load



Athens Plaza, Greece
Lighting Design: CPLD

1ch MULTI POWER
LED Drivers Constant Current

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.215	220-240VAC 50/60Hz	60-360mA*	2-41VDC*	2.5-15W*	≤ 3%**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
2.5	2...41.5	60 mA cost.	44	-25...+45	75	0.64C	82
3.5	2...41.5	80 mA cost.					
4.1	2...41.5	100 mA cost.					
5	2...41.5	120 mA cost.					
5.8	2...41.5	140 mA cost.					
6.6	2...41.5	160 mA cost.					
7.4	2...41.5	180 mA cost.					
8.3	2...41.5	200 mA cost.					
9.1	2...41.5	220 mA cost.					
10	2...41.5	240 mA cost.					
10.8	2...41.5	260 mA cost.					
11.6	2...41.5	280 mA cost.					
12.4	2...41.5	300 mA cost.					
13.2	2...41.5	320 mA cost.					
14.1	2...41.5	340 mA cost.					
15	2...41.5	360 mA cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

- Constant Current output selection from 60mA up to 360mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.929	220-240VAC 50/60Hz	350-700mA*	14-50VDC*	17.5-20W*	≤ 5 %**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
17.5	25...50	350 mA cost.	60	-25...+50	85	0.95	≤ 0.85
20	20...40	500 mA cost.					
20	14...28.5	700 mA cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

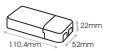
- Constant Current output selection from 350mA up to 700mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.343	220-240VAC 50/60Hz	250-700mA*	2-54VDC*	13-20W*	≤ 3 %**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
13	10...54	250 mA cost.	59	-25...+50	80	0.97	>88
19	2...54	350 mA cost.					
20	2...50	400 mA cost.					
20	2...44	450 mA cost.					
20	2...40	500 mA cost.					
20	2...37	550 mA cost.					
20	2...34	600 mA cost.					
20	2...29	700 mA cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load



1ch MULTI POWER
LED Drivers Constant Current

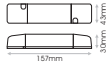
- Constant Current output selection from 350mA up to 600mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.922	220-240VAC 50/60Hz	350-600mA*	27-44VDC*	15,4-26,4W*	≤ 5 %**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
15.4	27...44	350 mA cost.	60	-25...+50	75	0.95	≤ 0.88
17.6	27...44	400 mA cost.					
19.8	27...44	450 mA cost.					
22	27...44	500 mA cost.					
26.4	27...44	600 mA cost.					

*Referred to V_{in} = 230 V, 100% load



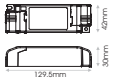
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.213	220-240VAC 50/60Hz	250-1000mA*	10-45VDC*	11-32W*	± 20 %**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
11	10...45	250 mA cost.	50	-25...+50	80	0.95	>89
13	10...45	300 mA cost.					
16	10...45	350 mA cost.					
18	10...45	400 mA cost.					
20	10...45	450 mA cost.					
22	10...45	500 mA cost.					
25	10...45	550 mA cost.					
27	10...45	600 mA cost.					
29	10...45	650 mA cost.					
32	10...45	700 mA cost.					
32	10...42	750 mA cost.					
32	10...40	800 mA cost.					
32	10...38	850 mA cost.					
32	10...36	900 mA cost.					
32	10...34	950 mA cost.					
32	10..30	1000 mA cost.					

*Referred to V_{in} = 230 V, 100% load

- Constant Current output selection from 250mA up to 1000mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable



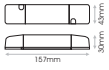
- Constant Current output selection from 500mA up to 800mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.925	220-240VAC 50/60Hz	500-800mA*	25-44VDC*	21-35.2W*	≤ 5 %**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
21	25...42	500 mA cost.	60	-25...+50	80	0.95	≤ 0.88
25.2	25...42	600 mA cost.					
28.6	25...44	650 mA cost.					
31.5	25...45	700 mA cost.					
35.2	30...44	800 mA cost.					

*Referred to V_{in} = 230 V, 100% load



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ELECTRON

1ch MULTI POWER
LED Drivers Constant Current

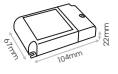
- Constant Current output selection from 350mA up to 1050mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- RIPPLE FREE (Typical ripple at max output current ≤ 3 %**).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.214	220-240VAC 50/60Hz	350-1050mA*	2-42VDC*	15-39W*	≤ 3 %**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
15	2...42V	350mA cost.	55	-25...+50	80	0.95	>90
21	2...42V	500mA cost.					
23	2...42V	550mA cost.					
27	2...42V	650mA cost.					
29	2...42V	700mA cost.					
31	2...42V	750mA cost.					
35	2...42V	850mA cost.					
37	2...42V	900mA cost.		-25...+45			
39	2...37V	1.05A cost.					

*Referred to V_{in} = 230 V, 100% load



- Constant Current output selection from 300mA up to 1050mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.484	220-240VAC 50/60Hz	300-1050mA*	3-44VDC*	13-42W*	≤3%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
13	3...44	300 mA cost.	55	-25...+45	80	0.95	≤0.90
15	3...44	350 mA cost.					
18	3...44	400 mA cost.					
20	3...44	450 mA cost.					
22	3...44	500 mA cost.					
24	3...44	550 mA cost.					
27	3...44	600 mA cost.					
29	3...44	650 mA cost.					
31	3...44	700 mA cost.					
32	3...44	750 mA cost.					
33	3...42	800 mA cost.					
35	3...42	850 mA cost.					
38	3...42	900 mA cost.					
40	3...42	950 mA cost.					
42	3...42	1000 mA cost.					
42	3...40	1050 mA cost.					

*Referred to V_{in} = 230 V, 100% load

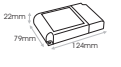
- Constant Current output selection from 350mA up to 1050mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- RIPPLE FREE (Typical ripple at max output current ≤ 3 %**).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.440	220-240VAC 50/60Hz	350-1050mA*	2-74VDC*	25-50W*	≤ 3 %**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
25	2...74V	350mA cost.	90	-25...+50	85	0.95	>89
35	2...72V	500mA cost.					
39	2...72V	550mA cost.					
46	2...72V	650mA cost.					
50	2...71V	700mA cost.					
50	2...66V	750mA cost.					
50	2...58V	850mA cost.		-25...+45			
50	2...55V	900mA cost.					
50	2...48V	1.05A cost.					

*Referred to V_{in} = 230 V, 100% load



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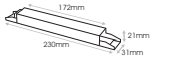
- Constant Current output selection from 250mA up to 350mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.914	220-240VAC 50/60Hz	250-350mA*	25-54VDC*	13.5-19W*	≤ 7.5%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency
13.5	25..54	250 mA cost.	60	-25...+50	65	0.9	<84%*
14.9	25..54	275 mA cost.					
16.2	25..54	300 mA cost.					
17.6	25..54	325 mA cost.					
19	25..54	350 mA cost.					

*Referred to V_{in} = 230V, 100% load



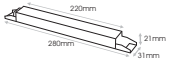
- Constant Current output selection from 100mA up to 400mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.909	220-240VAC 50/60Hz	100-400mA*	50-140VDC*	14-50W*	≤ 5%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency
14	60..140	100 mA cost.	250	-25...+50	70	0.98	<93%*
21	50..140	150 mA cost.			70		
28	50..140	200 mA cost.			75		
35	50..140	250 mA cost.			75		
42	50..140	300 mA cost.			75		
49	50..140	350 mA cost.			70		
50	50..125	400 mA cost.			70		

*Referred to V_{in} = 230V, 100% load



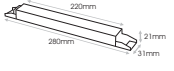
- Constant Current output selection from 100mA up to 400mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.934	220-240VAC 50/60Hz	100-400mA*	220-188VDC*	22-75W*	≤ 5%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency
22	60..220	100 mA cost.	250	-25...+50	75	0.99	<94%*
33	50..220	150 mA cost.			75		
44	50..220	200 mA cost.			80		
55	50..220	250 mA cost.			80		
66	50..220	300 mA cost.			75		
75	50..214	350 mA cost.			75		
75	50..188	400 mA cost.			75		

*Referred to V_{in} = 230V, 100% load



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- Constant Current output selection:
  from 350mA up to 500mA (PCK.320), from 200mA up to 350mA (PCK.216).
- Protections: Short circuits, Overheating, Overloads.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.216	220-240VAC 50/60Hz	200-350mA*	30-270VDC*	54-80W*	≤ 3%**	IP20
PCK.320	220-240VAC 50/60Hz	350-500mA*	30-210VDC*	73.5-80W*	≤ 3%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

PCK.216

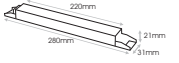
P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
54	30...270	200 mA cost.	390	-25...+50	85	0.95*	>94**
56.5	30...270	210 mA cost.					
59	30...270	220 mA cost.					
62	30...270	230 mA cost.					
64.5	30...270	240 mA cost.					
67.5	30...270	250 mA cost.					
70	30...270	260 mA cost.					
72.5	30...270	270 mA cost.					
72.5	30...270	280 mA cost.					
78	30...270	290 mA cost.					
80	30...266	300 mA cost.	300				
80	30...258	310 mA cost.					
80	30...250	320 mA cost.					
80	30...242	330 mA cost.					
80	30...235	340 mA cost.					
80	30...228	350 mA cost.					

* Pout>46W
** Referred to V_{in} = 230 V, 100% load

PCK.320

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency
73.5	30...210	350 mA cost.	250	-25...+50	85	0.95	>93*
75.5	30...210	360 mA cost.					
77.5	30...210	370 mA cost.					
80	30...210	380 mA cost.					
80	30...205	390 mA cost.					
80	30...200	400 mA cost.					
80	30...195	410 mA cost.					
80	30...190	420 mA cost.					
80	30...186	430 mA cost.					
80	30...181	440 mA cost.					
80	30...177	450 mA cost.					
80	30...174	460 mA cost.					
80	30...170	470 mA cost.					
80	30...166	480 mA cost.					
80	30...163	490 mA cost.					
80	30...160	500 mA cost.					

*Referred to V_{in} = 230 V, 100% load



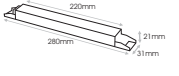
- Constant Current output selection from 250mA up to 700mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.955	220-240VAC 50/60Hz	250-700mA*	220-143VDC*	55-100W*	≤ 5%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency
55	80..220	250 mA cost.	250	-25...+60	75	0.99	≤ 0.95
66	80..220	300 mA cost.					
77	80..220	350 mA cost.					
88	80..220	400 mA cost.					
99	80..220	450 mA cost.					
100	80..200	500 mA cost.					
100	80..182	550 mA cost.			80		
100	80..167	600 mA cost.					
100	80..154	650 mA cost.					
100	80..143	700 mA cost.					

*Referred to V_{in} = 230V, 100% load



1ch 350-700mA
Small Size
LED Drivers Constant Current

- Non-Dimmable
- Short circuit protection.
- Suitable for cutting holes down to 32mm.

350mA

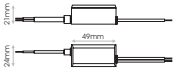
Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.474	220-240VAC 50/60Hz	5-10VDC	1.7-3.5W	350mA	IP20

500mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.475	220-240VAC 50/60Hz	5-10VDC	2.5-5W	500mA	IP20

700mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.476	220-240VAC 50/60Hz	5-10VDC	3.5-7W	700mA	IP20



1ch 200-1050mA
LED Drivers Constant Current

- Non-Dimmable
- Short circuit protection.
- Overload protection.

200mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.958	220-240VAC 50/60Hz	23-40VDC	4.6-8W	200mA	IP20

250mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.968	220-240VAC 50/60Hz	23.2-40VDC	5.8-10W	250mA	IP20

300mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.939	220-240VAC 50/60Hz	30-42VDC	9-12.6W	300mA	IP20
PCK.966	220-240VAC 50/60Hz	28-50VDC	8.4-15W	300mA	IP20

PCK.958
PCK.968
PCK.939
PCK.966

- Non-Dimmable
- Short circuit protection.
- Overload protection.

350mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.482	110-240VAC 50/60Hz	2-22VDC	0.7-7.7W	350mA	IP20
PCK.184	110-240VAC 50/60Hz	3-24VDC	1-8W	350mA	IP20
PCK.202	110-255VAC 50/60Hz	3-36VDC	1-8W	350mA	IP20
PCK.477	220-240VAC 50/60Hz	14-24VDC	4.9-8.4W	350mA	IP20
PCK.919	220-240VAC 50/60Hz	17.1-29.1VDC	6-10.2W	350mA	IP20

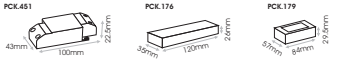
Code	Supply Voltage	Output Voltage	Output Power	Output Current	Typical ripple at max output current	IP Rate
PCK.319	220-240VAC 50/60Hz	2-41VDC*	15W*	350mA*	≤ 3%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
15	2...41	350 mA cost	44	-25...+45	75	0.54C	77

*Referred to V_{in} = 230 V, 100% load

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.451	220-240VAC 50/60Hz	25-43VDC	8.8-15.1W	350mA	IP20
PCK.176	100-240VAC 50/60Hz	9-57VDC	3-20W	350mA	IP67
PCK.179	100-240VAC 50/60Hz	40-58VDC	14-20.3W	350mA	IP42



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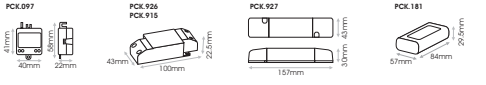
- Non-Dimmable
- Short circuit protection.
- Overload protection.

500mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.097	100-230VAC 50/60Hz	4-12,6VDC	1-6W	500mA	IP20
PCK.926	220-240VAC 50/60Hz	11-20VDC	5.5-10W	500mA	IP20
PCK.927	220-240VAC 50/60Hz	30-42VDC	15-21W	500mA	IP20
PCK.915	220-240VAC 50/60Hz	33-42VDC	16.5-21W	500mA	IP20
PCK.181	100-240VAC 50/60Hz	15-50VDC	7.5-25W	500mA	IP30



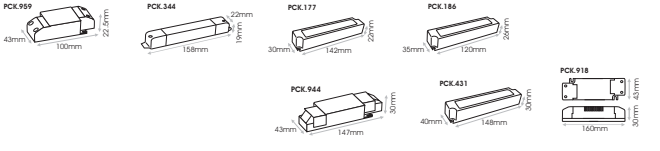
700mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.959	220-240VAC 50/60Hz	8-14.6VDC	5.6-10.2W	700mA	IP20
PCK.344	200-240VAC 50/60Hz	2-16.5VDC*	11W*	700mA	IP20
PCK.177	200-240VAC 50/60Hz	6-25VDC	4.2-17.5W	700mA	IP67
PCK.186	90-240VAC 50/60Hz	9-30VDC	6.3-21W	700mA	IP67
PCK.944	220-240VAC 50/60Hz	30-42VDC	21-29.4W	700mA	IP20
PCK.431	90-240VAC 50/60Hz	9-48VDC	6.3-33.6W	700mA	IP67
PCK.918	220-240VAC 50/60Hz	47-86VDC	32.9-60.2W	700mA	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
11	2...16.5	700 mA cost.	18	-25...+50	80	0.6C	77

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

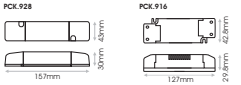


1ch 200-1050mA
LED Drivers Constant Current

800mA

- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Strain relief set to be ordered separately (467.ACC.200).

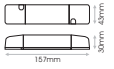
Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.928	220-240VAC 50/60Hz	30-42VDC	24-33.6W	800mA	IP20
PCK.916	220-240VAC 50/60Hz	33-44VDC	26.4-35.2W	800mA	IP20



900mA

- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Strain relief set to be ordered separately (467.ACC.200).

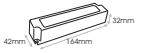
Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.906	220-240VAC 50/60Hz	30-42VDC	27-36W	900mA	IP20



1050mA

- Non-Dimmable
- Short circuit protection.
- Overload protection.

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.178	200-240VAC 50/60Hz	9-48VDC	50W	1050mA	IP67



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