

THE BOOK OF LIGHT

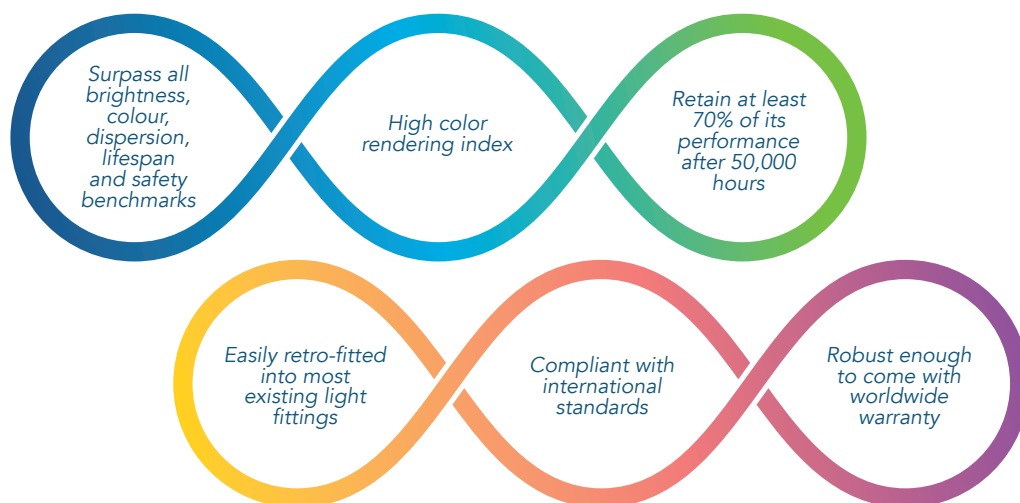
(that glows in the dark)

CREO LIGHT IS FOCUSED ON PRODUCING PREMIUM LED PRODUCTS FOR COMMERCIAL, RETAIL AND RESIDENTIAL APPLICATIONS.

LED technology has flooded the market in recent years, but our products stand out from the competition when it comes to quality, efficiency, brightness, color and lifespan. We are focused on delivering reliable, innovative, sustainable and energy efficient solutions through our LED products that are literally light years ahead.

Many LED manufacturers struggle to deliver matching performance and color quality of existing traditional light sources. Creo Light offers LED products with innovative and reliable technologies ensuring seamless transition to energy efficient alternatives.

ALL CREO LIGHT PRODUCTS FEATURE THE FOLLOWING ADVANTAGES:





SUMMARY



L A M P S



GLS
Lamps



Directional
Lamps



LED Tubes



Pool Lamps



L I N E A R



Flexible
Strips



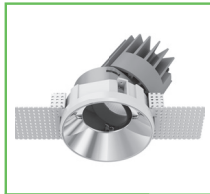
Aluminium
Profiles



I N D O O R



Spot
Engines



Downlights



Ceiling
Fixtures



Track
Light



Industrial



Architectural
Serie



S Y S T E M S



Infinite
Track



Blade
System



SUMMARY



O U T D O O R



Ceiling
Fixtures



Wall
Fixtures



Inground



Floodlight



Street
Light



Architectural
Serie



C O N T R O L L E R S



1-10V



DALI



DMX



Power
Repeater



IR Switch



D R I V E R S



Fixed
Output



Dimmable



P O W E R



Rack Mounted
Battery



Wall Mounted
Battery



L A M P S



A60 9W 230V E27



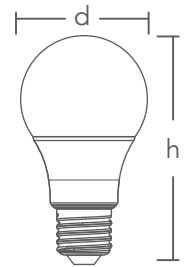
PRODUCT HIGHLIGHTS

- ~ Ideal retrofit solution for the GLS lamps
- ~ Up to 80% energy saving compared to a standard incandescent lamp
- ~ Robust against vibrations
- ~ Fitted with the latest LED technology
- ~ Long service lifetime of 15'000 hours
- ~ Recommended for public areas such as receptions, lobbies, corridors, staircases...
- ~ LED replacement for 60W incandescent GLS lamps
- ~ No UV or IR emissions
- ~ Certified: CE / RoHS



GENERAL CHARACTERISTICS

Product Name	LD A60 9W 230V E27
Shape	GLS
Base	E27
Dimmable	No
Energy Efficiency Label	A+
Materials	Plastic
Temperature Range	-20° ... +50°C
Service Lifetime	15'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 60 x 108 mm



ELECTRICAL CHARACTERISTICS

Rated Power	9W
Operating Frequency	50-60 Hz
Input Voltage	100-240V AC
Power Factor	0.9



LIGHT CHARACTERISTICS

Product Reference	LD A60 9W/230V/WW/E27	LD A60 9W/230V/NW/E27	LD A60 9W/230V/DL/E27
Luminous Flux	800 lm	800 lm	800 lm
Luminous Efficiency	90 lm/W	90 lm/W	90 lm/W
Colour Name	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	3'000 K	4'000 K	6'500 K



A100 15W 230V E27



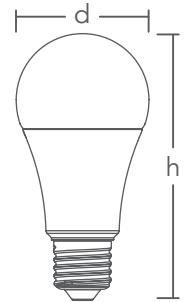
PRODUCT HIGHLIGHTS

- ~ Ideal retrofit solution for the GLS lamps
- ~ Up to 80% energy saving compared to a standard incandescent lamp
- ~ Robust against vibrations
- ~ Fitted with the latest LED technology
- ~ Long service lifetime of 15'000 hours
- ~ Recommended for public areas such as receptions, lobbies, corridors, staircases...
- ~ LED replacement for 100W incandescent GLS lamps
- ~ No UV or IR emissions
- ~ Certified: CE / RoHS



GENERAL CHARACTERISTICS

Product Name	LD A100 15W 230V E27
Shape	GLS
Base	E27
Dimmable	No
Energy Efficiency Label	A+
Materials	Plastic
Temperature Range	-20° ... +50°C
Service Lifetime	15'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 65 x 134 mm



ELECTRICAL CHARACTERISTICS

Rated Power	15W
Operating Frequency	50-60 Hz
Input Voltage	100-240V AC
Power Factor	0.9



LIGHT CHARACTERISTICS

Product Reference	LD A100 15W/230V/WW/E27	LD A100 15W/230V/NW/E27	LD A100 15W/230V/DL/E27
Luminous Flux	1'350 lm	1'350 lm	1'350 lm
Luminous Efficiency	90 lm/W	90 lm/W	90 lm/W
Colour Name	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	3'000 K	4'000 K	6'500 K



MR11 4.5W 12V AC/DC
WFL GW G5 IP20



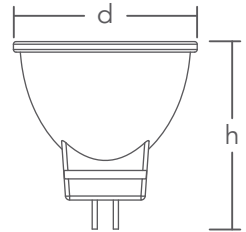
PRODUCT HIGHLIGHTS

- ~ Ideal retrofit solution for a vast range of spots and downlights
- ~ Up to 80% energy saving compared to a standard halogen reflector lamp
- ~ Recommended for public areas such as receptions, lobbies, corridors, staircases...
- ~ Fitted with the latest LED technology
- ~ Long service lifetime of 25'000 hours
- ~ Certified: CE / ERP / RoHS
- ~ LED replacement for 35W halogen MR11 lamps
- ~ No UV or IR emissions



GENERAL CHARACTERISTICS

Product Reference	LD MR11 G5 4.5W/12V/WFL/927/GU4
Shape	MR11
Base	GU4
Dimmable	Yes
Energy Efficiency Label	A+
Materials	Housing: Glass Diffuser: Plastic optic lens
LED Type	EVERLIGHT™
LED Quantity	3
Service Lifetime	25'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 35 x 38 mm



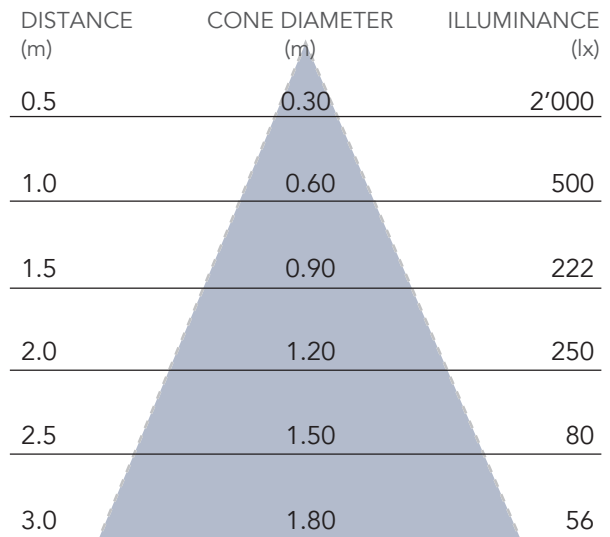
ELECTRICAL CHARACTERISTICS

Rated Power	4.5W
Operating Frequency	50-60 Hz
Input Voltage	12V AC/DC



LIGHT CHARACTERISTICS

Luminous Flux	345 lm
Luminous Intensity	500 cd
Beam Angle	36°
Colour Name	Gold White
Colour Temperature (CCT)	2'700 K
CRI	> 90





**MR16 4.2W 230V WFL
WW G8 IP20**



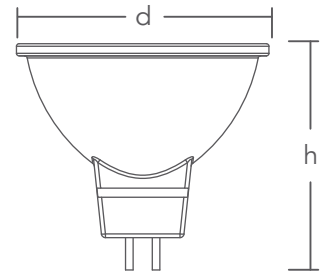
PRODUCT HIGHLIGHTS

- ~ Ideal retrofit solution for a vast range of spots and downlights
- ~ Up to 80% energy saving compared to a standard halogen reflector lamp
- ~ Recommended for public areas such as receptions, lobbies, corridors...
- ~ Fitted with the latest LED technology
- ~ Long service lifetime of 25'000 hours
- ~ Certified: CE / ERP / RoHS
- ~ LED replacement for 50W halogen MR16 lamps
- ~ No UV or IR emissions



GENERAL CHARACTERISTICS

Product Reference	LD MR16 4.2W/230V/WFL/830/GU5.3 G8
Shape	MR16
Base	GU5.3
Dimmable	No
Energy Efficiency Label	A+
Materials	Housing Thermo-plastic Diffuser Plastic optic smooth lens
LED Type	SMD 2835
LED Quantity	6
Service Lifetime	25'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 50 x 45 mm



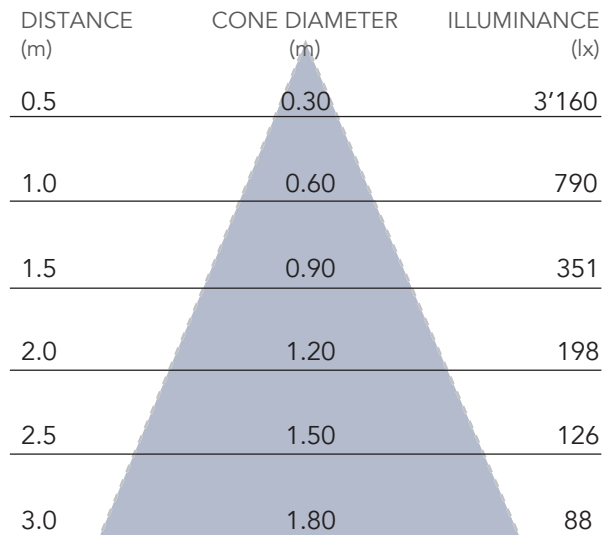
ELECTRICAL CHARACTERISTICS

Rated Power	4.2W
Operating Frequency	50-60 Hz
Input Voltage	220-240V AC



LIGHT CHARACTERISTICS

Luminous Flux	345 lm
Luminous Intensity	790 cd
Beam Angle	36°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 80





**MR16 4.2W 230V WFL
DL G8 IP20**



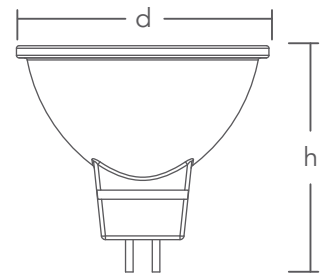
PRODUCT HIGHLIGHTS

- ~ Ideal retrofit solution for a vast range of spots and downlights
- ~ Up to 80% energy saving compared to a standard halogen reflector lamp
- ~ Recommended for public areas such as receptions, lobbies, corridors...
- ~ Fitted with the latest LED technology
- ~ Long service lifetime of 25'000 hours
- ~ Certified: CE / ERP / RoHS
- ~ LED replacement for 50W halogen MR16 lamps
- ~ No UV or IR emissions



GENERAL CHARACTERISTICS

Product Reference	LD MR16 4.2W/230V/WFL/865/GU5.3 G8
Shape	MR16
Base	GU5.3
Dimmable	No
Energy Efficiency Label	A+
Materials	Housing Thermo-plastic Diffuser Plastic optic smooth lens
LED Type	SMD 2835
LED Quantity	6
Service Lifetime	25'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 50 x 45 mm



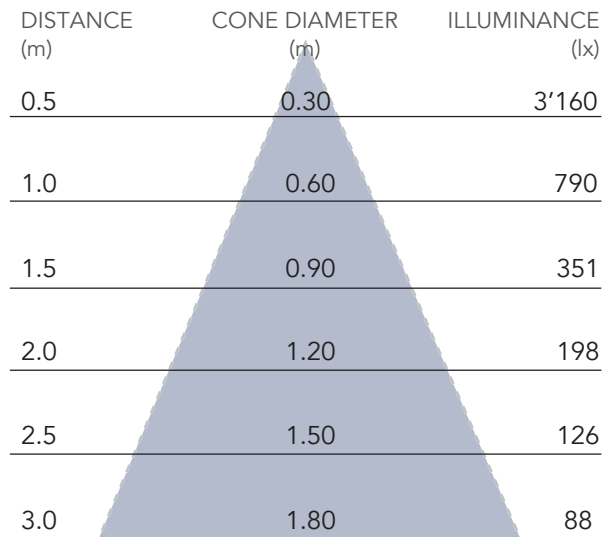
ELECTRICAL CHARACTERISTICS

Rated Power	4.2W
Operating Frequency	50-60 Hz
Input Voltage	220-240V AC



LIGHT CHARACTERISTICS

Luminous Flux	345 lm
Luminous Intensity	790 cd
Beam Angle	36°
Colour Name	Daylight
Colour Temperature (CCT)	6'500 K
CRI	> 80





**MR16 6.1W 12V WFL
WW Dimmable G6 IP20**



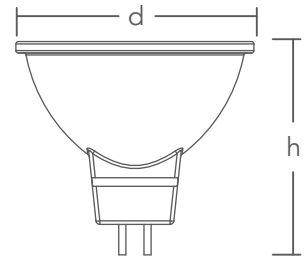
PRODUCT HIGHLIGHTS

- ~ Ideal retrofit solution for a vast range of spots and downlights
- ~ Up to 80% energy saving compared to a standard halogen reflector lamp
- ~ Recommended for public areas such as receptions, lobbies, corridors...
- ~ Fitted with the latest LED technology
- ~ Long service lifetime of 15'000 hours
- ~ Certified: CE / ERP / RoHS
- ~ LED replacement for 50W halogen MR16 lamps
- ~ No UV or IR emissions



GENERAL CHARACTERISTICS

Product Reference	LD MR16 6.1W/12V/WFL/830/GU5.3/DIM G6
Shape	MR16
Base	GU5.3
Dimmable	Yes
Energy Efficiency Label	A+
Materials	Housing Thermo-plastic Diffuser Plastic optic smooth lens
LED Type	SEOUL™
LED Quantity	10
Service Lifetime	15'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 50 x 45 mm



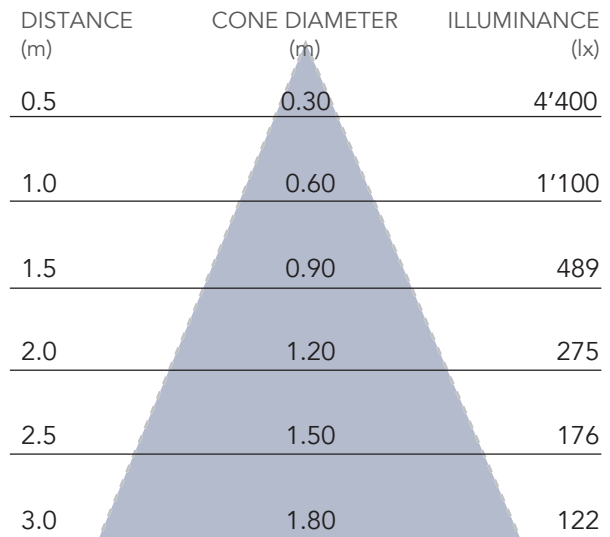
ELECTRICAL CHARACTERISTICS

Rated Power	6.1W
Operating Frequency	50-60 Hz
Input Voltage	12V AC/DC*
Power Factor	0.5



LIGHT CHARACTERISTICS

Luminous Flux	621 lm
Luminous Intensity	1'100 cd
Beam Angle	36°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 80



***Warning:** Warranty is valid for compatible ET & Dimmers. List available upon request.



**PAR16 7W 230V WFL
WW Dimmable G6 IP20**



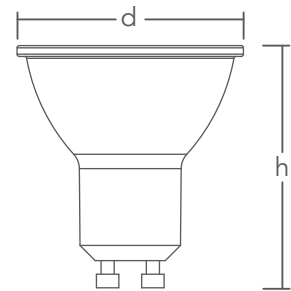
PRODUCT HIGHLIGHTS

- ~ Ideal retrofit solution for a vast range of spots and downlights
- ~ Up to 80% energy saving compared to a standard halogen reflector lamp
- ~ Recommended for public areas such as receptions, lobbies, corridors
- ~ Fitted with the latest LED technology
- ~ Long service lifetime of 15'000 hours
- ~ Certified: CE / ERP / RoHS
- ~ LED replacement for 70W halogen PAR16 lamps
- ~ No UV or IR emissions



GENERAL CHARACTERISTICS

Product Reference	LD PAR16 7W/230V/WFL/830/GU10/DIM G6
Shape	PAR16
Base	GU10
Dimmable	Yes
Energy Efficiency Label	A+
Materials	Housing Thermo-plastic Diffuser Plastic optic smooth lens
LED Type	BRIDGELUX™
LED Quantity	8
Service Lifetime	15'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 50 x 54 mm



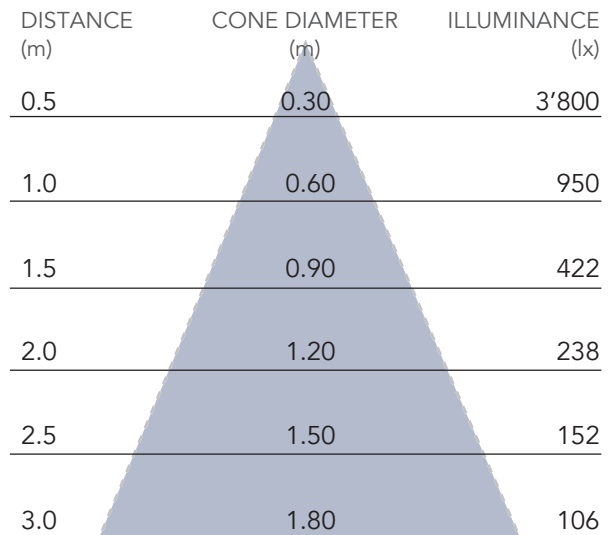
ELECTRICAL CHARACTERISTICS

Rated Power	7W
Operating Frequency	50-60 Hz
Input Voltage	220-240V
Power Factor	0.7



LIGHT CHARACTERISTICS

Luminous Flux	500 lm
Luminous Intensity	950 cd
Beam Angle	36°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 80





**PAR16 7W 230V WFL
NW Dimmable G6 IP20**



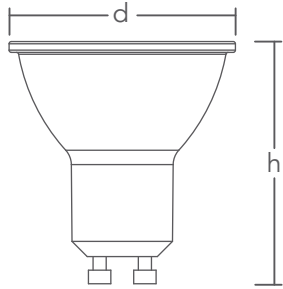
PRODUCT HIGHLIGHTS

- ~ Ideal retrofit solution for a vast range of spots and downlights
- ~ Up to 80% energy saving compared to a standard halogen reflector lamp
- ~ Recommended for public areas such as receptions, lobbies, corridors
- ~ Fitted with the latest LED technology
- ~ Long service lifetime of 15'000 hours
- ~ Certified: CE / ERP / RoHS
- ~ LED replacement for 70W halogen PAR16 lamps
- ~ No UV or IR emissions



GENERAL CHARACTERISTICS

Product Reference	LD PAR16 7W/230V/WFL/840/GU10/DIM G6
Shape	PAR16
Base	GU10
Dimmable	Yes
Energy Efficiency Label	A+
Materials	Housing Thermo-plastic Diffuser Plastic optic smooth lens
LED Type	BRIDGELUX™
LED Quantity	8
Service Lifetime	15'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 50 x 54 mm



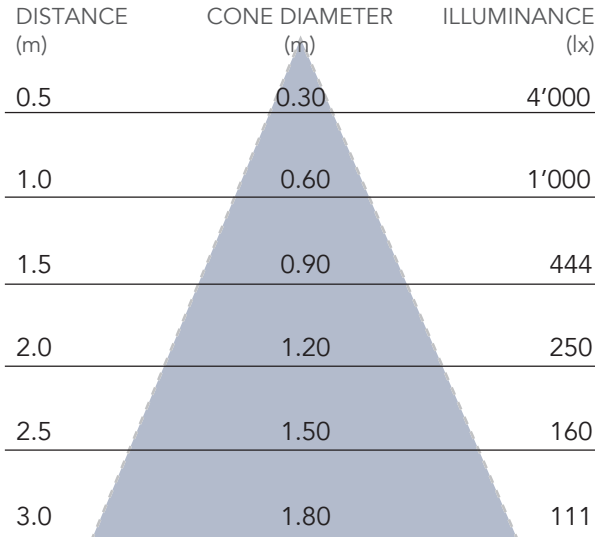
ELECTRICAL CHARACTERISTICS

Rated Power	7W
Operating Frequency	50-60 Hz
Input Voltage	220-240V
Power Factor	0.7



LIGHT CHARACTERISTICS

Luminous Flux	520 lm
Luminous Intensity	1'000 cd
Beam Angle	36°
Colour Name	Neutral White
Colour Temperature (CCT)	4'000 K
CRI	> 80





**R70 7W 36V FL
WW Dimmable IP20**



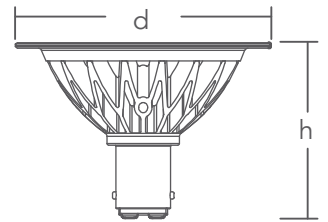
PRODUCT HIGHLIGHTS

- ~ Ideal solution for a vast range of spots suitable for R70 lamps
- ~ LED replacement for 50W halogen AR70 lamps
- ~ Fitted with the latest LED technology
- ~ Patented SCOB light source
- ~ Unique design
- ~ Delivers high Colour Rendering Index (CRI > 90)
- ~ Recommended for public areas such as receptions, lobbies, corridors & shops...
- ~ No UV or IR emissions
- ~ Long service lifetime of 35'000 hours



GENERAL CHARACTERISTICS

Product Reference	LD R70 7W/230V/FL/930/B15d/DIM
Shape	AR70
Base	B15d
Dimmable	Yes
Energy Efficiency Label	A
Materials	Aluminium body
LED Type	SCOB
Service Lifetime	35'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 70 x 48.5 mm



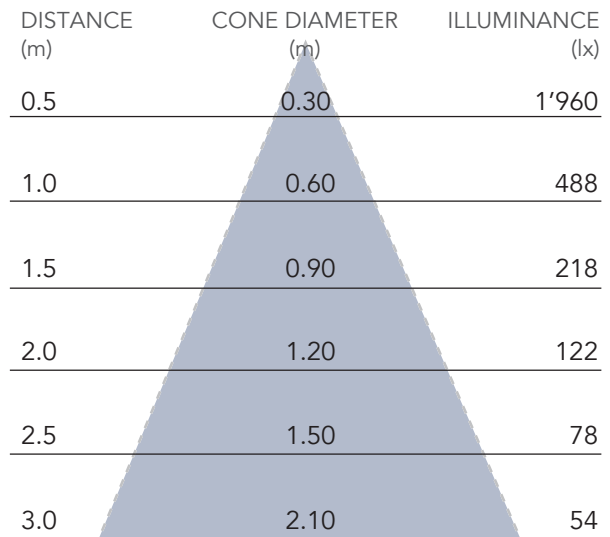
ELECTRICAL CHARACTERISTICS

Rated Power	7W
Input Voltage	220-240V AC



LIGHT CHARACTERISTICS

Luminous Flux	380 lm
Luminous Intensity	488 cd
Beam Angle	36°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 90





**R70 7W 36V FL
NW Dimmable IP20**



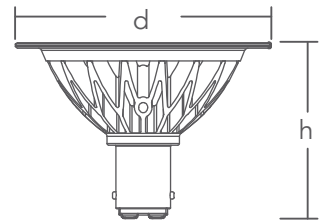
PRODUCT HIGHLIGHTS

- ~ Ideal solution for a vast range of spots suitable for R70 lamps
- ~ LED replacement for 50W halogen AR70 lamps
- ~ Fitted with the latest LED technology
- ~ Patented SCOB light source
- ~ Unique design
- ~ Delivers high Colour Rendering Index (CRI > 90)
- ~ Recommended for public areas such as receptions, lobbies, corridors & shops...
- ~ No UV or IR emissions
- ~ Long service lifetime of 35'000 hours



GENERAL CHARACTERISTICS

Product Reference	LD R70 7W/230V/FL/940/B15d/DIM
Shape	AR70
Base	B15d
Dimmable	Yes
Energy Efficiency Label	A
Materials	Aluminium body
LED Type	SCOB
Service Lifetime	35'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 70 x 48.5 mm



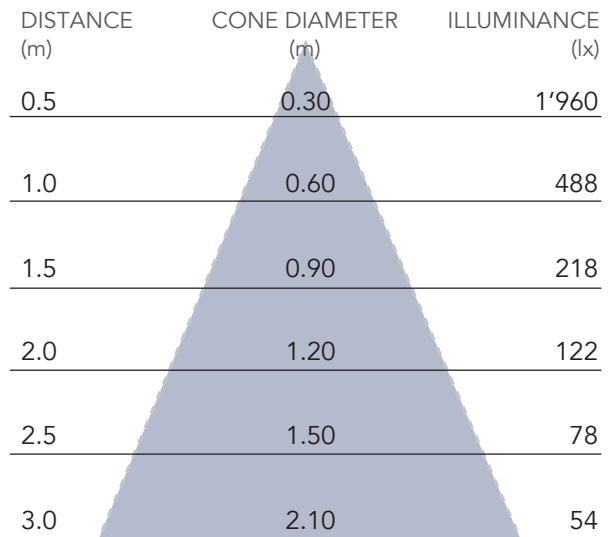
ELECTRICAL CHARACTERISTICS

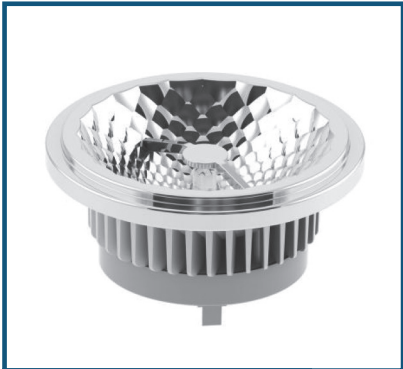
Rated Power	7W
Input Voltage	220-240V AC



LIGHT CHARACTERISTICS

Luminous Flux	380 lm
Luminous Intensity	488 cd
Beam Angle	36°
Colour Name	Neutral White
Colour Temperature (CCT)	4'000 K
CRI	> 90





**R111 15W 12V FL
GW IP20**



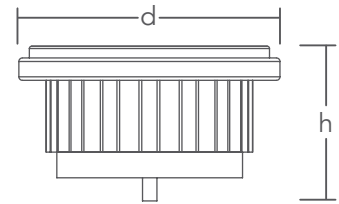
PRODUCT HIGHLIGHTS

- ~ Ideal retrofit solution for a vast range of spots and downlights
- ~ Up to 80% energy saving compared to a standard halogen reflector lamp
- ~ Recommended for public areas such as receptions, lobbies, corridors...
- ~ LED replacement for 75W halogen R111 lamps
- ~ Compatible with electronic and magnetic 12V transformers
- ~ Long service lifetime of 45'000 hours
- ~ Delivers high Colour Rendering Index (CRI=92)
- ~ Operates on AC and DC 12V transformers
- ~ No UV or IR emissions



GENERAL CHARACTERISTICS

Product Reference	LD R111 15W/12V/FL/927/G53
Shape	AR111
Base	G53
Dimmable	No (with suitable driver)
Energy Efficiency Label	A
Materials	Aluminium
LED Type	CREE™
LED Quantity	36
Service Lifetime	45'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 111 x 66.5 mm



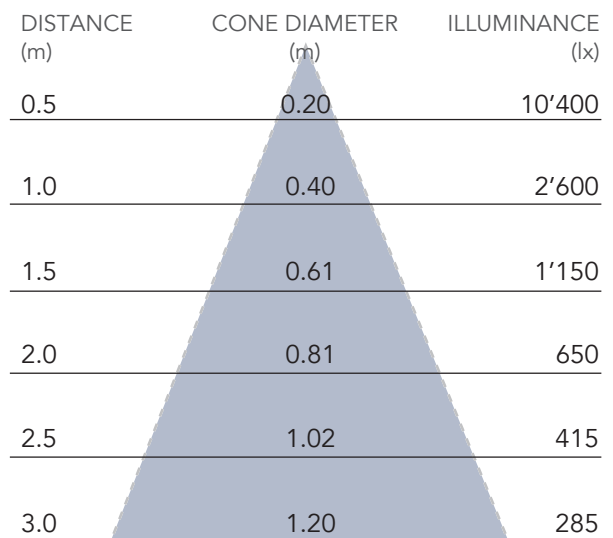
ELECTRICAL CHARACTERISTICS

Rated Power	15W
Operating Frequency	50-60 Hz
Input Voltage	12V AC/DC



LIGHT CHARACTERISTICS

Luminous Flux	780 lm
Luminous Intensity	2'600 cd
Beam Angle	24°
Colour Name	Gold White
Colour Temperature (CCT)	2'700 K
CRI	92





**R111 21W 36V FL
WW Dimmable IP20**



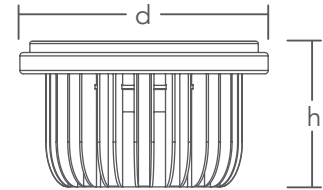
PRODUCT HIGHLIGHTS

- ~ Ideal solution for a vast range of spots suitable for R111 lamps
- ~ Fitted with the latest LED technology
- ~ NICHIA™ LED inside
- ~ Integrated honey-comb for glare reduction
- ~ Operating with external drivers (fixed or dimmable)
- ~ Delivers high Colour Rendering Index (CRI>90)
- ~ Recommended for public areas such as receptions, lobbies, corridors & shops...
- ~ Long service lifetime of 45'000 hours
- ~ No UV or IR emissions. Certified: CE / ERP / RoHS



GENERAL CHARACTERISTICS

Product Reference	LD R111 21W/36V/FL/930/DIM
Shape	AR111
Base	N/A
Dimmable	Yes (optional, with compatible dimming driver)
Energy Efficiency Label	A
Materials	Aluminium body
LED Type	NICHIA™
Service Lifetime	45'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 111 x 66.5 mm



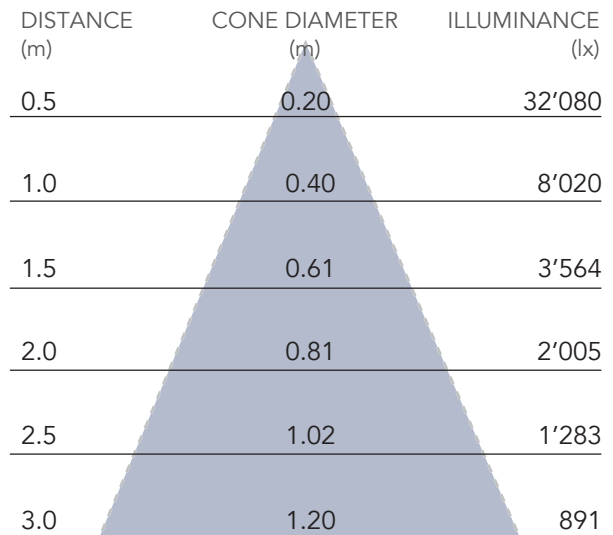
ELECTRICAL CHARACTERISTICS

Rated Power	21W
Forward Current	560 mA
Forward Voltage	36V DC



LIGHT CHARACTERISTICS

Luminous Flux	1'650 lm
Luminous Intensity	8'020 cd
Beam Angle	24°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 90
Honeycomb plate	A6





**R111 30W 40V FL
WW Dimmable IP20**

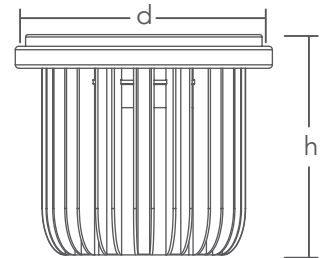


PRODUCT HIGHLIGHTS

- ~ Ideal solution for a vast range of spots suitable for R111 lamps
- ~ Fitted with the latest LED technology
- ~ NICHIA™ LED inside
- ~ Integrated honey-comb for glare reduction
- ~ Operating with external drivers (fixed or dimmable)
- ~ Delivers high Colour Rendering Index (CRI>90)
- ~ Recommended for public areas such as receptions, lobbies, corridors & shops...
- ~ Long service lifetime of 45'000 hours
- ~ No UV or IR emissions. Certified: CE / ERP / RoHS

GENERAL CHARACTERISTICS

Product Reference	LD R111 30W/40V/FL/930/DIM
Shape	AR111
Base	N/A
Dimmable	Yes (optional, with compatible dimming driver)
Energy Efficiency Label	A
Materials	Aluminium body
LED Type	NICHIA™
Service Lifetime	45'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 111 x 95 mm



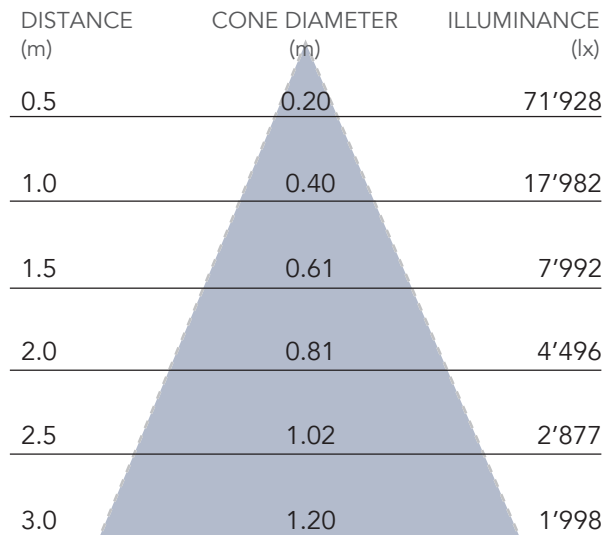
ELECTRICAL CHARACTERISTICS

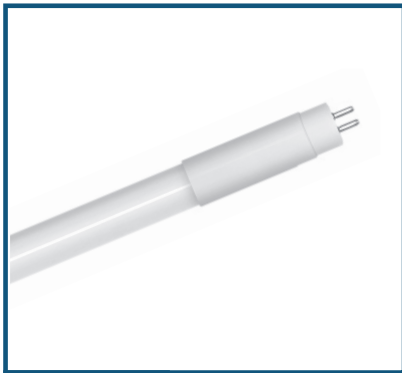
Rated Power	30W
Forward Current	740 mA
Forward Voltage	40V DC



LIGHT CHARACTERISTICS

Luminous Flux	2'250 lm
Luminous Intensity	17'982 cd
Beam Angle	24°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	>90
Honeycomb plate	A6





LED T5

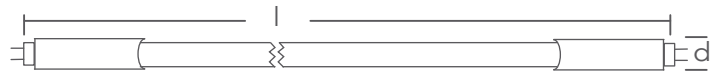


PRODUCT HIGHLIGHTS

- ~ Ideal retrofit solution for fluorescent lamps
- ~ Operates without ballast (100-240V). Instant start
- ~ Uniform light distribution & high luminous output
- ~ No RF interference. No flickering or buzzing
- ~ Recommended for public areas such as parkings, warehouses, corridors ...etc.
- ~ Long service lifetime of 30'000 hours
- ~ No UV or IR emissions. No mercury

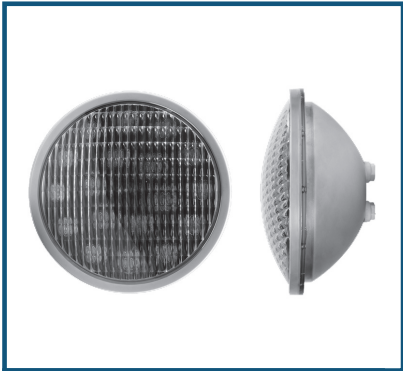
GENERAL CHARACTERISTICS

Product Name	LD T5
Energy Efficiency Label	A
Materials:	Housing: PC Reflector: PC
LED Brand	EPISTAR™
LED Type	3528
Service Lifetime	30'000 hours
Ingress Protection	IP20



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	INPUT VOLTAGE AC	OPERATING FREQUENCY	POWER FACTOR	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	WIDTH (d) (mm)	LENGTH (L) (mm)
LD T5 8W/230V/WW/G5	8W	100-240V	50-60 Hz	0.6	120°	3'000 K	> 80	800	100	Ø 16	550
LD T5 8W/230V/NW/G5	8W	100-240V	50-60 Hz	0.6	120°	4'000 K	> 80	800	100	Ø 16	550
LD T5 16W/230V/WW/G5	16W	100-240V	50-60 Hz	0.6	120°	3'000 K	> 80	1'600	100	Ø 16	1'150
LD T5 16W/230V/NW/G5	16W	100-240V	50-60 Hz	0.6	120°	4'000 K	> 80	1'600	100	Ø 16	1'150



**PAR56-SS 36W 12V G2
IP68**



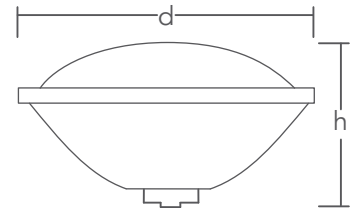
PRODUCT HIGHLIGHTS

- ~ Ideal retrofit solution for conventional PAR56 pool lamps
- ~ LED replacement for PAR56 300W 12V pool lamps
- ~ Built-in memory function
- ~ Monochromatic versions available (Warm White or Blue). Other colours upon request
- ~ RGB version: Built-in 16 pre-programmed scenes. Multiple RGB lamps synchronized by switching on and off
- ~ Long service lifetime of 30'000 hours
- ~ Certified: CE / RoHS



GENERAL CHARACTERISTICS

Product Name	LD PAR56-SS 36W 12V IP68
Shape	PAR56
Base	Screw Terminals
Dimmable	No
Energy Efficiency Label	A
Materials	Housing 316 Stainless Steel Cover Plastic
LED Brand	CREE™
LED Quantity	12
Service Lifetime	30'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP68
Dimensions (d x h)	Ø 178 x 108 mm



ELECTRICAL CHARACTERISTICS

Rated Power	36W
Operating Frequency	0-50-60 Hz
Input Voltage	12V AC/DC (for monochromatic); 12V (for RGB)



LIGHT CHARACTERISTICS

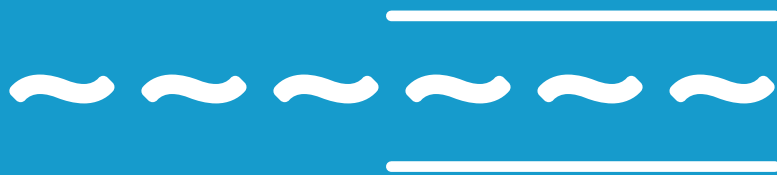
Product Reference	LD PAR56-SS G2 36W/12V/WW	LD PAR56-SS G2 36W/12V/B	LD PAR56-SS G2 36W/12V/RGB
Luminous Flux	2'800 lm	2'650 lm	2'800 lm
Luminous Efficiency	78 lm/W	74 lm/W	78 lm/W
Beam Angle	36°	36°	36°
Colour Name	Warm White	Blue	RGB
Colour Temperature (CCT)	3'000 K	-	Built-in 16 Scenes Sequencer*

* EPILED High Power 3 W (3 in 1). Switch control or WIFI control via control box

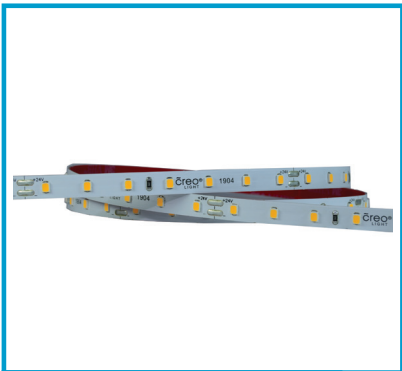
** Lamps must always be operated under water. Suggested Install Depth <1.5 m. Max: <3.0 m

*** Other colours available upon request (White, Red, Green, Yellow)

*** Technical properties of the product can change without prior notice



L I N E A R



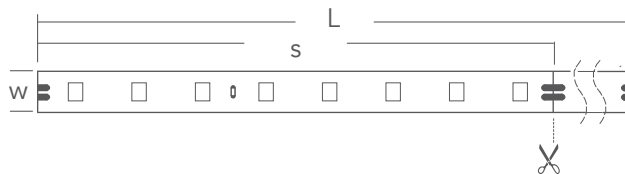
Flexible Strip G3
14.4W 24V IP20

PRODUCT HIGHLIGHTS

- LED flexible strip provides high quality and homogeneous light in a low profile package
- Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- High quality LED 2835 chips used with a rated power of 14.4W/m with up to 1'872 lm/m
- LED pitch of 12.5 mm resulting in homogeneous light output. Smallest cuttable unit of 10 cm with 8 LEDs
- Perfect solution for interior applications requiring high light output without sacrificing space in applications such as cove, display, cabinet, architectural accents, backlighting
- No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip G3 14.4W
Rated Power	14.4W/m
Operating Voltage	24V DC
Operating Current Per Reel	3.60 A
LED Type	SMD 2835
Dimensions (L x w x h)	6'000 x 8 x 2 mm
Step Length (s)	100 mm
LED Pitch	12.5 mm
Number of LEDs	80 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP20
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

Product Reference	LDSTR G3 14.4W/24V/GW/IP20	LDSTR G3 14.4W/24V/WW/IP20	LDSTR G3 14.4W/24V/NW/IP20	LDSTR G2 14.4W/24V/DL/IP20
Luminous Flux	1'780 lm/m	1'900 lm/m	1'900 lm/m	1'440 lm/m
Luminous Efficiency	124 lm/W	132 lm/W	132 lm/W	100 lm/W
Beam Angle	120°	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K	6'500 K
CRI	> 80	> 80	> 80	> 80

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 1300 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 10 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



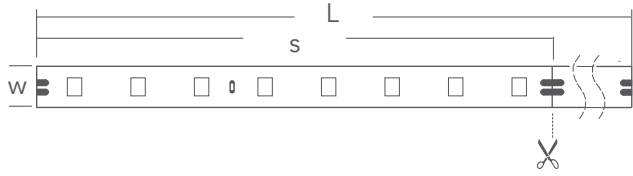
Flexible Strip
14.4W 24V IP20 G4

PRODUCT HIGHLIGHTS

- ~ LED flexible strip provides high quality and homogeneous light in a low profile package
- ~ High quality LED 2835 chips used with a rated power of 14.4W/m with up to 2'100 lm/m
- ~ Perfect solution for interior applications requiring high light output without sacrificing space in applications such as cove, display, cabinet, architectural accents, backlighting
- ~ Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- ~ LED pitch of 12.5 mm resulting in homogeneous light output. Smallest cuttable unit of 10 cm with 8 LEDs
- ~ No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip 14.4W G4
Rated Power	14.4W/m
Operating Voltage	24V DC
Operating Current Per Reel	3.60 A
LED Type	SMD 2835
Dimensions (L x w x h)	6'000 x 8 x 2 mm
Step Length (s)	100 mm
LED Pitch	12.5 mm
Number of LEDs	80 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP20
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

Product Reference	LDSTR 14.4W/24V/GW/IP20/G4	LDSTR 14.4W/24V/WW/IP20/G4	LDSTR 14.4W/24V/NW/IP20/G4	LDSTR 14.4W/24V/DL/IP20/G4
Luminous Flux	2'100 lm/m	2'100 lm/m	2'100 lm/m	2'100 lm/m
Luminous Efficiency	146 lm/W	146 lm/W	146 lm/W	146 lm/W
Beam Angle	120°	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K	6'500 K
CRI	> 80	> 80	> 80	> 80

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 1300 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 10 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



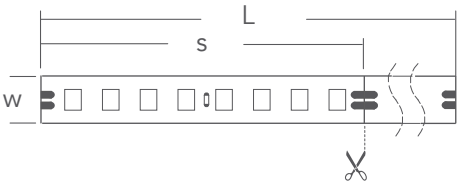
Flexible Strip G3
19.2W 24V IP20

PRODUCT HIGHLIGHTS

- LED flexible strip provides high quality and homogeneous light in a low profile package
- Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- High quality LED 2835 chips used with a rated power of 19.2W/m with up to 2'592 lm/m
- LED pitch of 8 mm resulting in homogeneous light output. Smallest cuttable unit of 6.25 cm with 8 LEDs
- Perfect solution for interior applications requiring high light output without sacrificing space in applications such as cove, display, cabinet, architectural accents, backlighting
- No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip G3 19.2W IP20
Rated Power	19.2W/m
Operating Voltage	24V DC
Operating Current Per Reel	4.80 A
LED Type	SMD 2835
Dimensions (L x w x h)	6'000 x 10 x 1.1 mm
Step Length (s)	62.5 mm
LED Pitch	8 mm
Number of LEDs	128 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP20
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

Product Reference	LDSTR G3 19.2W/24V/GW/IP20	LDSTR G3 19.2W/24V/WW/IP20	LDSTR G3 19.2W/24V/NW/IP20	LDSTR G3 19.2W/24V/DL/IP20
Luminous Flux	2'496 lm/m	2'500 lm/m	2'500 lm/m	2'592 lm/m
Luminous Efficiency	130 lm/W	130 lm/W	130 lm/W	135 lm/W
Beam Angle	120°	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K	6'500 K
CRI	> 80	> 80	> 80	> 80

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 6.25 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



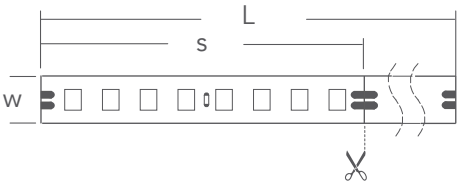
Flexible Strip
19.2W 24V IP20 G4

PRODUCT HIGHLIGHTS

- ~ LED flexible strip provides high quality and homogeneous light in a low profile package
- ~ High quality LED 2835 chips used with a rated power of 19.2W/m with up to 2'900 lm/m
- ~ Perfect solution for interior applications requiring high light output without sacrificing space in applications such as cove, display, cabinet, architectural accents, backlighting
- ~ Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- ~ LED pitch of 8 mm resulting in homogeneous light output. Smallest cuttable unit of 6.25 cm with 8 LEDs
- ~ No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip 19.2W IP20 G4
Rated Power	19.2W/m
Operating Voltage	24V DC
Operating Current Per Reel	4.80 A
LED Type	SMD 2835
Dimensions (L x w x h)	6'000 x 10 x 1.1 mm
Step Length (s)	62.5 mm
LED Pitch	8 mm
Number of LEDs	128 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP20
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

Product Reference	LDSTR 19.2W/24V/GW/IP20/G4	LDSTR 19.2W/24V/WW/IP20/G4	LDSTR 19.2W/24V/NW/IP20/G4	LDSTR 19.2W/24V/DL/IP20/G4
Luminous Flux	2'740 lm/m	2'800 lm/m	2'800 lm/m	2'900 lm/m
Luminous Efficiency	143 lm/W	146 lm/W	146 lm/W	151 lm/W
Beam Angle	120°	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K	6'500 K
CRI	> 80	> 80	> 80	> 80

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 6.25 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



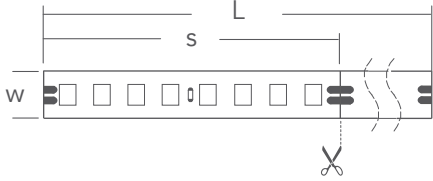
Flexible Strip G3
28W 24V IP20

PRODUCT HIGHLIGHTS

- LED flexible strip provides high quality and homogeneous light in a low profile package
- Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- High quality LED 2835 chips used with a rated power of 28W/m with up to 3'796 lm/m
- LED pitch of 6 mm resulting in homogeneous light output. Smallest cuttable unit of 5 cm with 8 LEDs
- Perfect solution for interior applications requiring high light output without sacrificing space in applications such as cove, display, cabinet, architectural accents, backlighting
- No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip G3 28W IP20
Rated Power	28W/m
Operating Voltage	24V DC
Operating Current Per Reel	7.00 A
LED Type	SMD 2835
Dimensions (L x w x h)	6'000 x 10 x 1.1 mm
Step Length (s)	50 mm
LED Pitch	6 mm
Number of LEDs	160 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP20
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

Product Reference	LDSTR G3 28W/24V/GW/IP20	LDSTR G3 28W/24V/WW/IP20	LDSTR G3 28W/24V/NW/IP20	LDSTR G3 28W/24V/DL/IP20
Luminous Flux	3'650 lm/m	3'650 lm/m	3'650 lm/m	3'796 lm/m
Luminous Efficiency	130 lm/W	130 lm/W	130 lm/W	136 lm/W
Beam Angle	120°	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K	6'500 K
CRI	> 80	> 80	> 80	> 80

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 5 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



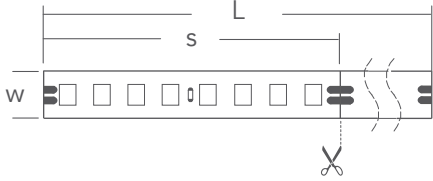
**Flexible Strip
28W 24V IP20 G4**

PRODUCT HIGHLIGHTS

- ~ LED flexible strip provides high quality and homogeneous light in a low profile package
- ~ High quality LED 2835 chips used with a rated power of 28W/m with up to 3'900 lm/m
- ~ Perfect solution for interior applications requiring high light output without sacrificing space in applications such as cove, display, cabinet, architectural accents, backlighting
- ~ Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- ~ LED pitch of 6 mm resulting in homogeneous light output. Smallest cuttable unit of 5 cm with 8 LEDs
- ~ No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip 28W IP20 G4
Rated Power	28W/m
Operating Voltage	24V DC
Operating Current Per Reel	7.00 A
LED Type	SMD 2835
Dimensions (L x w x h)	6'000 or 3'000 x 10 x 1.1 mm
Step Length (s)	50 mm
LED Pitch	6 mm
Number of LEDs	160 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP20
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

Product Reference	LDSTR 28W/24V/GW/IP20/G4	LDSTR 28W/24V/WW/IP20/G4	LDSTR 28W/24V/NW/IP20/G4	LDSTR 28W/24V/DL/IP20/G4
Luminous Flux	3'900 lm/m	3'900 lm/m	4'176 lm/m	4'176 lm/m
Luminous Efficiency	139 lm/W	139 lm/W	149 lm/W	139 lm/W
Beam Angle	120°	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K	6'500 K
CRI	> 80	> 80	> 80	> 80

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 5 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



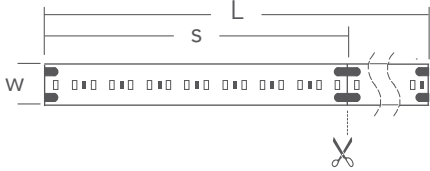
**Flexible Strip G3
20W 24V DIM2WARM IP20**

PRODUCT HIGHLIGHTS

- ~ LED flexible strip provides high quality and homogeneous light in a low profile package
- ~ High quality LED 2110 chips used with a rated power of 20W/m with up to 1'000 lm/m
- ~ Dimming from 3'000 K (100%) down to 1'800 K (0%) creating the warmth of the incandescent light
- ~ Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- ~ LED pitch of 4.5 mm resulting in homogeneous light output. Smallest cuttable unit of 7.14 cm with 16 LEDs
- ~ Perfect solution for interior applications such as living areas, hotels, restaurants,...
- ~ No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip 20W DIM2WARM IP20
Rated Power	20W/m
Operating Voltage	24V DC
Operating Current Per Reel	5A
LED Type	SMD 2110
Dimensions (L x w x h)	6'000 x 10 x 1.4 mm
Step Length (s)	71.4 mm
LED Pitch	4.5 mm
Number of LEDs	224 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP20
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

Product Reference	LDSTR G3 20W/24V/DIM2WARM/IP20
Luminous Flux	1'000 lm/m
Luminous Efficiency	50 lm/W
Beam Angle	120°
Colour Name	DIM2WARM
Colour Temperature (CCT)	1'800 K + 3'000 K
CRI	> 90

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 7.14 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



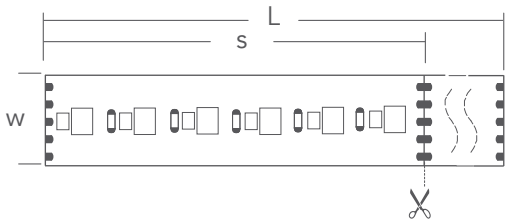
**Flexible Strip G2
20W 24V RGBW IP20**

PRODUCT HIGHLIGHTS

- ~ LED flexible strip provides high quality and homogeneous light in a low profile package
- ~ High quality LED 5050 chips used with a rated power of 20W/m with up to 950 lm/m
- ~ No UV or IR emissions. Certified: CE/ RoHS
- ~ Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- ~ LED pitch of 8.3 mm resulting in homogeneous light output. Smallest cuttable unit of 5 cm with 6 LEDs

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip G3 20W RGBW IP20
Rated Power	20W/m
Operating Voltage	24V DC
Operating Current Per Reel	5 A
LED Type	SMD 5050
Dimensions (L x w x h)	6'000 x 12 x 1.3 mm
Step Length (s)	50 mm
LED Pitch	8.3 mm
Number of LEDs	120 + 120 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP20
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

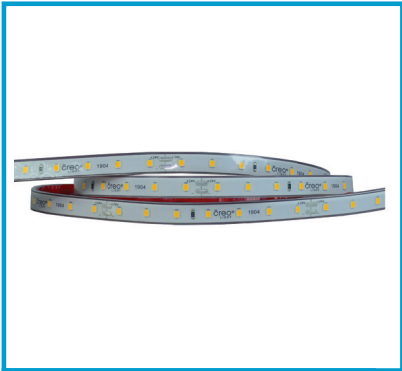
Product Reference	LDSTR G3 20W/24V/RGBW/IP20
Luminous Flux	950 lm/m
Luminous Efficiency	48 lm/W
Beam Angle	120°
Colour Name	RGB + Warm White
Colour Temperature (CCT)	RGB + 3'000 K
CRI	> 90

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 5 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



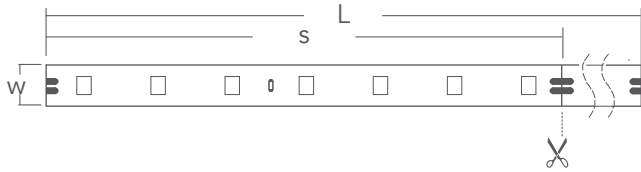
**Flexible Strip G3
14.4W 24V IP67**

PRODUCT HIGHLIGHTS

- ~ LED flexible strip provides high quality and homogeneous light in a low profile package
- ~ High quality LED 2835 chips used with a rated power of 14.4W/m with up to 1'690 lm/m
- ~ Perfect solution for wet location environments such as decks, architectural accents, landscape lighting
- ~ Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- ~ LED pitch of 14.3 mm resulting in homogeneous light output. Smallest cuttable unit of 10 cm with 7 LEDs
- ~ High quality polyurethane, resistant to heat, salt, solvents & acids
- ~ No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip G3 14.4W IP67
Rated Power	14.4W/m
Operating Voltage	24V DC
Operating Current Per Reel	4.20 A
LED Type	SMD 2835
Dimensions (L x w x h)	6'000 x 10 x 4 mm
Step Length (s)	100 mm
LED Pitch	14.3 mm
Number of LEDs	80 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP67
Ambiant Temperature Range	-30° ... +45°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

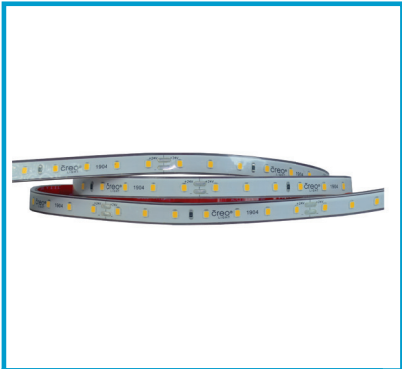
Product Reference	LDSTR G3 14.4W/24V/GW/IP67	LDSTR G3 14.4W/24V/WW/IP67	LDSTR G3 14.4W/24V/NW/IP67
Luminous Flux	1'640 lm/m	1'640 lm/m	1'690 lm/m
Luminous Efficiency	63 lm/W	63 lm/W	66 lm/W
Beam Angle	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K
CRI	> 80	> 80	> 80

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 10 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



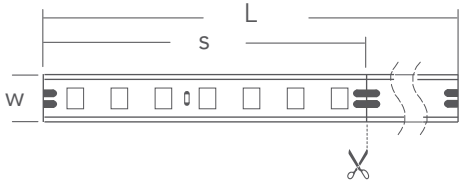
Flexible Strip G3
19.2W 24V DIM2NEUTRAL
IP66

PRODUCT HIGHLIGHTS

- ~ LED flexible strip provides high quality and homogeneous light in a low profile package
- ~ High quality LED 2835 chips used with a rated power of 19.2W/m with up to 1'728 lm/m
- ~ Tunable DIM from 4'000 K down to 2'200 K creating the warmth of the incandescent light
- ~ Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- ~ LED pitch of 7.14 mm resulting in homogeneous light output. Smallest cuttable unit of 5 cm with 7 LEDs
- ~ Perfect solution for interior applications such as living areas, hotels, restaurants,...
- ~ No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip G3 19.2W DIM2NEUTRAL IP66
Rated Power	2 x 9.6W/m
Operating Voltage	24V DC
Operating Current Per Reel	2 x 2.4A
LED Type	2835
Dimensions (L x w x h)	6'000 x 12 x 3 mm
Step Length (s)	50 mm
LED Pitch	7.14 mm
Number of LEDs	2 x140 LEDs/m
Maximum Continuous Length	6 meters with heatsink
Ingress Protection	IP66
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

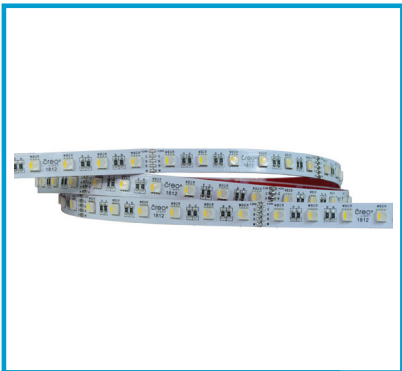
Product Reference	LDSTR G3 19.2W/24V/DIM2NEUT/IP66
Luminous Flux	1'728 lm/m
Luminous Efficiency	90 lm/W
Beam Angle	120°
Colour Name	DIM2NEUTRAL
Colour Temperature (CCT)	2'200 K + 4'000 K
CRI	> 90

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 5 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



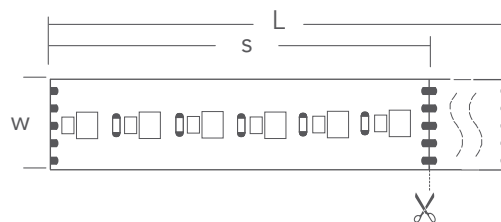
**Flexible Strip G3
20W 24V RGBW IP67**

PRODUCT HIGHLIGHTS

- LED flexible strip provides high quality and homogeneous light in a low profile package
- Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- High quality LED 2835 RGB and 2216 Warm White chips used with a rated power of 20W/m with up to 900 lm/m
- LED pitch of 8.3 mm resulting in homogeneous light output. Smallest cuttable unit of 5 cm with 6 LEDs
- No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip G3 20W RGBW IP67
Rated Power	20W/m
Operating Voltage	24V DC
Operating Current Per Reel	5 A
LED Type	SMD 2835 RGB + 2216 WW
Dimensions (L x w x h)	6'000 x 14 x 5 mm
Step Length (s)	50 mm
LED Pitch	8.3 mm
Number of LEDs	120 + 120 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP67
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

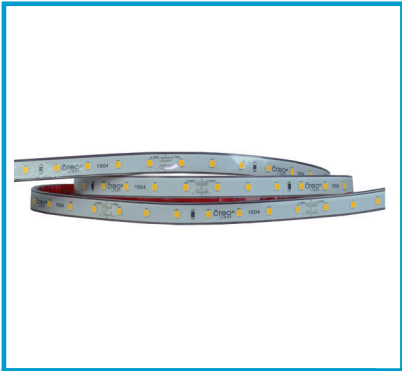
Product Reference	LDSTR G3 20W/24V/RGBW/IP67
Luminous Flux	900 lm/m
Luminous Efficiency	48 lm/W
Beam Angle	120°
Colour Name	RGB + Warm White
Colour Temperature (CCT)	RGB + 3'000 K
CRI	> 90

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 5 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



**Flexible Strip G3
14.4W 24V IP67**

PRODUCT HIGHLIGHTS

- ~ LED flexible strip provides high quality and homogeneous light in a low profile package
- ~ High quality LED 2835 chips used with a rated power of 14.4W/m with up to 1'700 lm/m
- ~ Perfect solution for wet location environments such as decks, architectural accents, landscape lighting
- ~ Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- ~ LED pitch of 12.5 mm resulting in homogeneous light output. Smallest cuttable unit of 10 cm with 8 LEDs
- ~ High quality polyurethane, resistant to heat, salt, solvents & acids
- ~ No UV or IR emissions. Certified: CE/ RoHS/ UL Safety

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip G3 14.4W IP67
Rated Power	14.4W/m
Operating Voltage	24V DC
Operating Current Per Reel	3.60 A
Dimmable	Yes
LED Type	SMD 2835
Dimensions (L x w x h)	6'000 x 10 x 4 mm
Step Length (s)	100 mm
LED Pitch	12.5 mm
Number of LEDs	80 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP67
Ambiant Temperature Range	-30° ... +45°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

Product Reference	LDSTR G3 14.4W/24V/GW/IP67	LDSTR G3 14.4W/24V/WW/IP67	LDSTR G3 14.4W/24V/NW/IP67	LDSTR G3 14.4W/24V/NW/IP67
Luminous Flux	1'627 lm/m	1'640 lm/m	1'700 lm/m	1'700 lm/m
Luminous Efficiency	113 lm/W	114 lm/W	118 lm/W	118 lm/W
Beam Angle	120°	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K	6'500 K
CRI	> 80	> 80	> 80	> 80

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 10 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



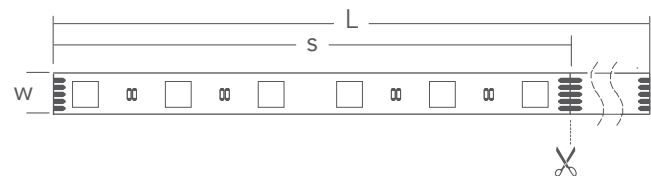
Flexible Strip G2
14.4W 24V RGBNW IP67

PRODUCT HIGHLIGHTS

- LED flexible strip provides high quality and homogeneous light in a low profile package
- Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- High quality LED 5050 chips used with a rated power of 14.4W/m with up to 619 lm/m
- LED pitch of 16 mm resulting in homogeneous light output. Smallest cuttable unit of 10 cm with 6 LEDs
- Perfect solution for wet location environments such as decks, architectural accents, landscape lighting
- High quality polyurethane, resistant to heat, salt, solvents & acids
- No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip G2 14.4W RGBNW IP67
Rated Power	14.4W/m
Operating Voltage	24V DC
Operating Current Per Reel	3.60 A
LED Type	SMD 5050
Dimensions (L x w x h)	6'000 x 12 x 3 mm
Step Length (s)	100 mm
LED Pitch	16 mm
Number of LEDs	60 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP67
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

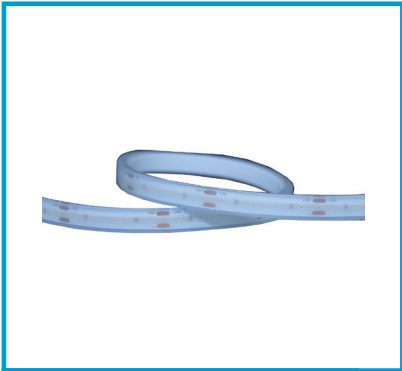
Product Reference	LDSTR G2 14.4W/24V/RGBNW/IP67
Luminous Flux	619 lm/m
Luminous Efficiency	43 lm/W
Beam Angle	120°
Colour Name	RGB + Neutral White
Colour Temperature (CCT)	RGB + 4'000K
CRI	> 80

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 10 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



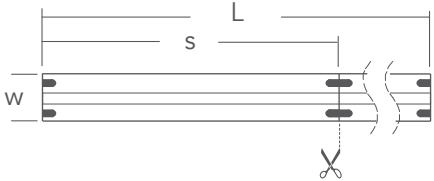
Flexible Strip CSP
14.4W 24V IP68

PRODUCT HIGHLIGHTS

- LED flexible strip provides high quality and homogeneous light in a low profile package
- High quality LED chips used with a rated power of 14.4W/m with up to 1'397 lm/m
- Perfect solution for wet location environments such as decks, architectural accents, landscape lighting
- Made with highly reflective white PCB surface
- Smallest cuttable unit of 5 cm with 24 LEDs
- High quality polyurethane, resistant to heat, salt, solvents & acids
- No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip CSP 14.4W 24V IP67
Rated Power	14.4W/m
Operating Voltage	24V DC
Operating Current Per Reel	3.00 A
Dimensions (L x w x h)	5'000 x 11 x 5 mm
Step Length (s)	50 mm
Number of LEDs	480 LEDs/m
Maximum Continuous Length	5 meters
Ingress Protection	IP68
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

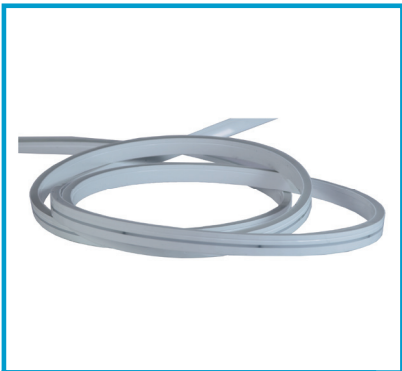
Product Reference	LDSTR CSP 14.4W/24V/GW/IP68	LDSTR CSP 14.4W/24V/WW/IP68	LDSTR CSP 14.4W/24V/NW/IP68	LDSTR CSP 14.4W/24V/DL/IP68
Luminous Flux	1'354 lm/m	1'382 lm/m	1'382 lm/m	1'397 lm/m
Luminous Efficiency	94 lm/W	96 lm/W	96 lm/W	97 lm/W
Beam Angle	120°	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K	6'500 K
CRI	> 90	> 90	> 90	> 90

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 5 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



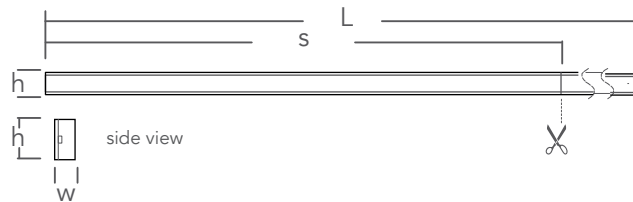
Flexible NEO Strip
7.5W 24V IP66

PRODUCT HIGHLIGHTS

- ~ Water resistant LED flexible strip provides high quality and homogeneous light in a low profile package
- ~ High quality LED 2835 chips used with a rated power of 7.5W/m with up to 283 lm/m
- ~ Perfect solution for wet location environments such as decks, architectural accents, landscape lighting
- ~ Narrowest LED flexible strip with 4 mm width
- ~ LED pitch of 7.14 mm resulting in homogeneous light output. Smallest cuttable unit of 5 cm with 7 LEDs
- ~ Side lighting
- ~ Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- ~ No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip NEO 7.5W 24V IP66
Rated Power	7.5W/m
Operating Voltage	24V DC
Operating Current Per Reel	1.88 A
LED Type	SMD 2835
Dimensions (L x w x h)	6'000 x 4 x 8 mm
Step Length (s)	50 mm
LED Pitch	7.14 mm
Number of LEDs	140 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP66
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

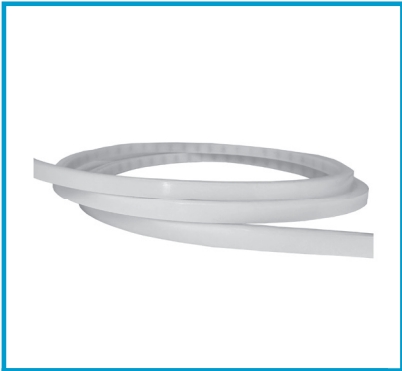
Product Reference	LDSTR NEO 7.5W/24V/GW/IP66	LDSTR NEO 7.5W/24V/WW/IP66	LDSTR NEO 7.5W/24V/NW/IP66	LDSTR NEO 7.5W/24V/DL/IP66
Luminous Flux	252 lm/m	252 lm/m	283 lm/m	283 lm/m
Luminous Efficiency	34 lm/W	34 lm/W	38 lm/W	38 lm/W
Beam Angle	120°	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K	6'500 K
CRI	> 90	> 90	> 90	> 90

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 5 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



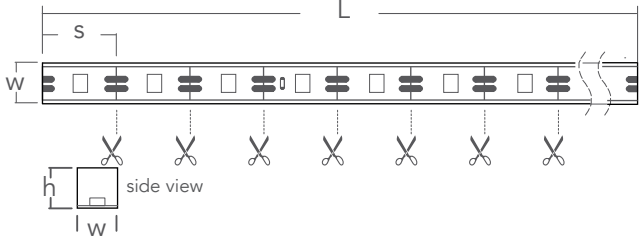
**Flexible NEO Strip
10W 24V IP66 Mini Cut**

PRODUCT HIGHLIGHTS

- Water resistant LED flexible strip provides high quality and homogeneous light in a low profile package
- High quality LED 2835 chips used with a rated power of 10W/m with up to 1'120 lm/m
- Perfect solution for wet location environments such as decks, architectural accents, landscape lighting
- Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- LED pitch of 7.14 mm resulting in homogeneous light output. Smallest cuttable unit of 1.42 cm with 7 LEDs
- 3 sided lighting
- No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip NEO 10W 24V IP66 Mini Cut
Rated Power	10W/m
Operating Voltage	24V DC
Operating Current Per Reel	2.50 A
LED Type	SMD 2835
Dimensions (L x w x h)	6'000 x 10 x 10 mm
Step Length (s)	14.29 mm
LED Pitch	7.14 mm
Number of LEDs	140 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP66
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

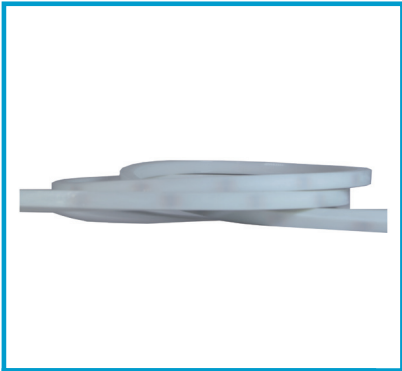
Product Reference	LDSTR NEO 10W/24V/GW/IP66-MC	LDSTR NEO 10W/24V/WW/IP66-MC	LDSTR NEO 10W/24V/NW/IP66-MC	LDSTR NEO 10W/24V/DL/IP66-MC
Luminous Flux	1'000 lm/m	1'000 lm/m	1'000 lm/m	1'120 lm/m
Luminous Efficiency	100 lm/W	100 lm/W	100 lm/W	112 lm/W
Beam Angle	120°	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K	6'500 K
CRI	> 90	> 90	> 90	> 90

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 1.42 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



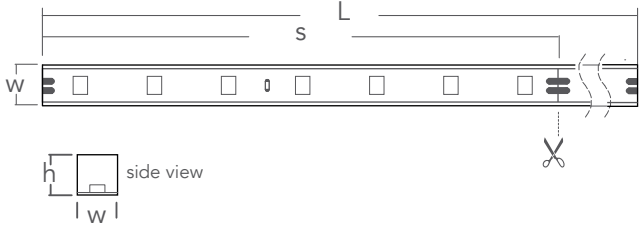
Flexible NEO Strip
10W 24V IP66

PRODUCT HIGHLIGHTS

- ~ Water resistant LED flexible strip provides high quality and homogeneous light in a low profile package
- ~ High quality LED 2835 chips used with a rated power of 10W/m with up to 1'120 lm/m
- ~ Perfect solution for wet location environments such as decks, architectural accents, landscape lighting
- ~ Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- ~ LED pitch of 7.14 mm resulting in homogeneous light output. Smallest cuttable unit of 5 cm with 7 LEDs
- ~ 3 sided lighting
- ~ No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip NEO 10W 24V IP66
Rated Power	10W/m
Operating Voltage	24V DC
Operating Current Per Reel	2.50 A
LED Type	SMD 2835
Dimensions (L x w x h)	6'000 x 10 x 10 mm
Step Length (s)	50 mm
LED Pitch	7.14 mm
Number of LEDs	140 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP66
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

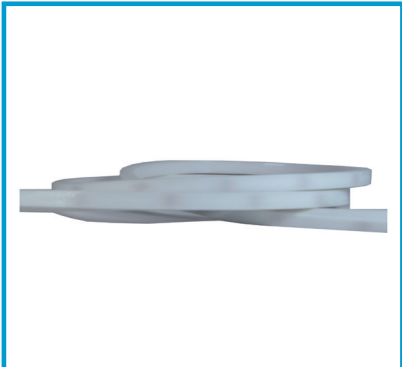
Product Reference	LDSTR NEO 10W/24V/GW/IP66	LDSTR NEO 10W/24V/WW/IP66	LDSTR NEO 10W/24V/NW/IP66	LDSTR NEO 10W/24V/DL/IP66
Luminous Flux	1'000 lm/m	1'000 lm/m	1'120 lm/m	1'120 lm/m
Luminous Efficiency	100 lm/W	100 lm/W	112 lm/W	112 lm/W
Beam Angle	120°	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K	6'500 K
CRI	> 90	> 90	> 90	> 90

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 5 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



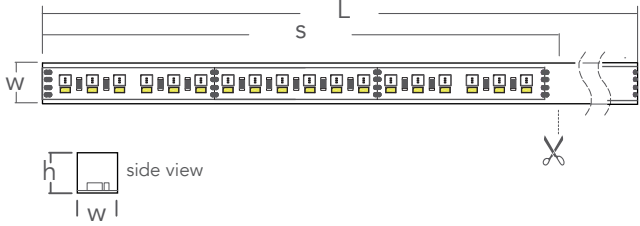
**Flexible NEO TRIO Strip
14W 24V RGBW IP68**

PRODUCT HIGHLIGHTS

- ~ Water resistant LED flexible strip provides high quality and homogeneous light in a low profile package
- ~ High quality LED 2835 and 3014 chips used with a rated power of 14W/m with up to 560 lm/m
- ~ Perfect solution for wet location environments such as decks, architectural accents, landscape lighting
- ~ Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- ~ LED pitch of 8.33 mm resulting in homogeneous light output. Smallest cuttable unit of 5 cm with 12 LEDs
- ~ Three Dimensional lighting
- ~ No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip NEO TRIO 14W 24V RGBW IP68
Rated Power	14W/m
Operating Voltage	24V DC
Operating Current Per Reel	3.50 A
LED Type	SMD 2835 + SMD 3014
Dimensions (L x w x h)	5'000 x 10 x 10 mm
Step Length (s)	50 mm
LED Pitch	8.33 mm
Number of LEDs	240 LEDs/m
Maximum Continuous Length	5 meters
Ingress Protection	IP68
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

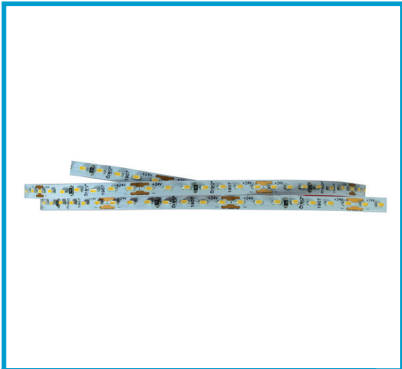
Product Reference	LDSTR NEO TRIO 14W/24V/RGBW/3V/IP68
Luminous Flux	560 lm/m
Luminous Efficiency	40 lm/W
Beam Angle	320°
Colour Name	RGBW
Colour Temperature (CCT)	RGB + 4000K
CRI	-

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 5 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



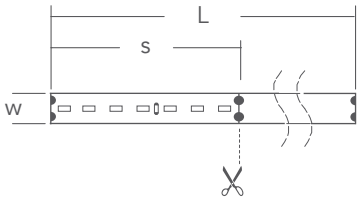
**Flexible Strip G3
9.6W 24V IP20 PRO
MINI**

PRODUCT HIGHLIGHTS

- ~ LED flexible strip provides high quality and homogeneous light in a very low profile package
- ~ Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- ~ Narrowest LED flexible strip with 4 mm width
- ~ High quality LED 2110 chips used with a rated power of 9.6W/m with up to 760 lm/m
- ~ LED pitch of 5 mm resulting in homogeneous light output. Smallest cuttable unit of 3.6 cm with 7 LEDs
- ~ Perfect solution for interior applications requiring narrow light without sacrificing space in applications such as cove, display, cabinet, architectural accents, backlighting
- ~ No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip 9.6W G3 PRO MINI IP20
Rated Power	9.6W/m
Operating Voltage	24V DC
Operating Current Per Reel	2.40 A
LED Type	SMD 2110
Dimensions (L x w x h)	6'000 x 4 x 2 mm
Step Length (s)	36 mm
LED Pitch	5 mm
Number of LEDs	196 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP20
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

Product Reference	LDSTR G3 PRO MINI 9.6W/24V/GW/IP20	LDSTR G3 PRO MINI 9.6W/24V/WW/IP20	LDSTR G3 PRO MINI 9.6W/24V/NW/IP20	LDSTR G3 PRO MINI 9.6W/24V/DL/IP20
Luminous Flux	720 lm/m	720 lm/m	760 lm/m	760 lm/m
Luminous Efficiency	74 lm/W	74 lm/W	79 lm/W	79 lm/W
Beam Angle	120°	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K	6'500 K
CRI	> 90	> 90	> 90	> 90

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 3.6 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.



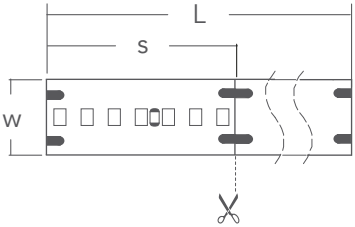
**Flexible Strip G3
14.4W PRO PLUS IP20**

PRODUCT HIGHLIGHTS

- LED flexible strip provides high quality and homogeneous light in a low profile package
- Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- High quality LED 2835 chips used with a rated power of 14.4W/m with up to 1'856 lm/m
- LED pitch of 3.6 mm resulting in homogeneous light output. Smallest cuttable unit of 2.5 cm with 7 LEDs
- Perfect solution for interior applications requiring high light output without sacrificing space in applications such as cove, display, cabinet, architectural accents, backlighting
- No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip 14.4W G3 PRO PLUS IP20
Rated Power	14.4W/m
Operating Voltage	24V DC
Operating Current Per Reel	3.60 A
LED Type	SMD 2835
Dimensions (L x w x h)	6'000 x 10 x 8 mm
Step Length (s)	25 mm
LED Pitch	36 mm
Number of LEDs	280 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP20
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

Product Reference	LDSTR G3 PRO PLUS 15W/24V/GW/IP20	LDSTR G3 PRO PLUS 15W/24V/WW/IP20	LDSTR G3 PRO PLUS 15W/24V/NW/IP20	LDSTR G3 PRO PLUS 15W/24V/DL/IP20
Luminous Flux	1'370 lm/m	1'600 lm/m	1'856 lm/m	1'856 lm/m
Luminous Efficiency	91 lm/W	111 lm/W	129 lm/W	129 lm/W
Beam Angle	120°	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K	6'500 K
CRI	> 95	> 95	> 95	> 95

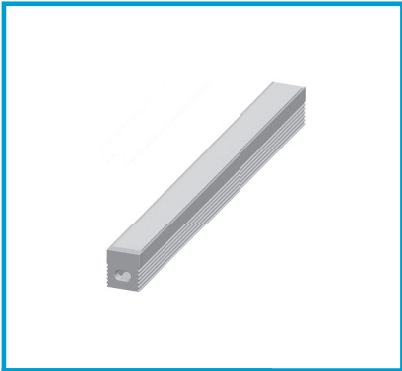
MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 2.5 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.

ALUMINIUM PROFILES



**LED Profile
PRO0809 IP20**

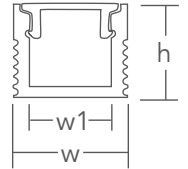


PRODUCT HIGHLIGHTS

- Narrowest architectural lighting solution offering continuous light
- Anodized aluminium profile suitable for recessed installation types
- Extrusion of high quality aluminium with an optimal thermal conductivity
- Frosted PC cover for a LED Linear solution without visible dots

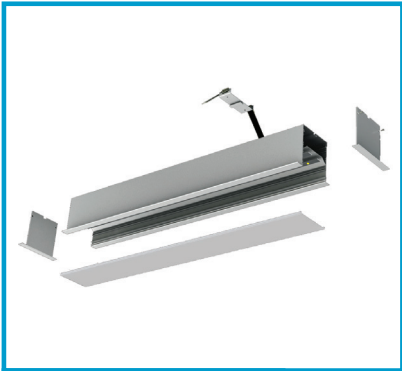
GENERAL CHARACTERISTICS

Product Name	LED Profile PRO0809
Product Reference	PRO0809
Materials	Profile Aluminium
	Standard Coating Silver Anodization (Optional: White or Black Powder Coating)
	Diffuser Opal PC
Dimensions (L x w x h, w1)	2'000 x 7.8 x 9 mm, 5.5 mm
Ingress Protection	IP20



PROFILE ACCESSORIES

	<table border="0"> <tr> <td>Product Name</td> <td>End Cap</td> </tr> <tr> <td>Product Reference</td> <td>PRO0809-EC</td> </tr> <tr> <td>Material</td> <td>PC</td> </tr> </table>	Product Name	End Cap	Product Reference	PRO0809-EC	Material	PC
Product Name	End Cap						
Product Reference	PRO0809-EC						
Material	PC						
	<table border="0"> <tr> <td>Product Name</td> <td>Mounting Clips</td> </tr> <tr> <td>Product Reference</td> <td>PRO0809-MC</td> </tr> <tr> <td>Material</td> <td>Aluminium</td> </tr> </table>	Product Name	Mounting Clips	Product Reference	PRO0809-MC	Material	Aluminium
Product Name	Mounting Clips						
Product Reference	PRO0809-MC						
Material	Aluminium						



**LED Profile
PRO1109R IP20**

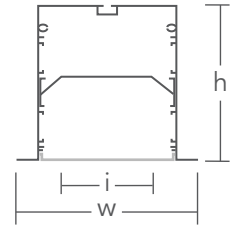


PRODUCT HIGHLIGHTS

- ~ Architectural lighting solution offering continuous light
- ~ Anodized aluminium profile suitable for recessed installation types
- ~ Extrusion of high quality aluminium with an optimal thermal conductivity
- ~ Designed for high output LED sources
- ~ Frosted PC cover for a LED Linear solution without visible dots

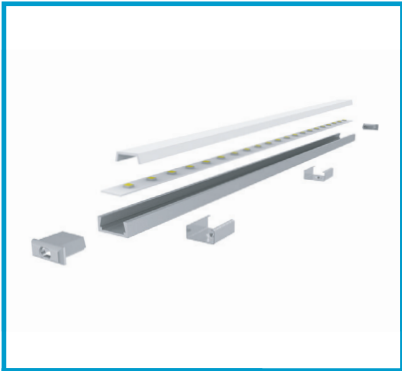
GENERAL CHARACTERISTICS

Product Name	LED Profile PRO1109R
Product Reference	PRO1109R
Materials	Profile Aluminium 6063 Diffuser Opal PC
Dimensions (L x w x h x i)	2'000 x 108 x 89.5 x 51.2 mm
Ingress Protection	IP20



PROFILE ACCESSORIES

	Product Name End Cap Product Reference PRO1109R-EC Material PC
	Product Name Mounting Clips Product Reference PRO1109R-MC Material Steel



**LED Profile
PRO1506 IP20**



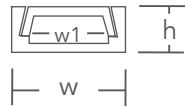
PRODUCT HIGHLIGHTS

- ~ Architectural lighting solution offering continuous light
- ~ Extrusion of high quality aluminium with an optimal thermal conductivity
- ~ Frosted PC cover for a LED Linear solution without visible dots
- ~ Anodized aluminium profile suitable for recessed installation types
- ~ Designed for LED sources

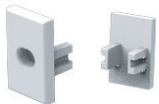


GENERAL CHARACTERISTICS

Product Name	LED Profile PRO1506 IP20
Product Reference	PRO1506
Materials	Profile Aluminium 6063
Standard Coating	Silver Anodization (Optional: White or Black Powder Coating)
Diffuser	Diffuse Frosted PC
Dimensions (l x w x h; w1)	2'000 x 15.2 x 6 mm, 11.2 mm
Ingress Protection	IP20



PROFILE ACCESSORIES



Product Name	End Cap
Product Reference	PRO1506-EC
Material	PC



**LED Profile
PRO1607 IP20**

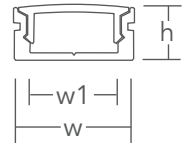


PRODUCT HIGHLIGHTS

- ~ Architectural lighting solution offering continuous light
- ~ Anodized aluminium profile suitable for surface mounted or indirect lighting applications
- ~ Extrusion of high quality aluminium with an optimal thermal conductivity
- ~ Available option for PC cover: Frosted, clear and black
- ~ Designed for LED sources

GENERAL CHARACTERISTICS

Product Name	LED Profile PRO1607
Product Reference	PRO1607
Materials	Profile Aluminium
Standard Coating	Silver Anodization (Optional: White or Black Powder Coating)
Diffuser	PC
Dimensions (L x w x h, w1)	2'000 x 16 x 7 mm; 11.7 mm
Ingress Protection	IP20



PROFILE ACCESSORIES

	<p>Product Name: Clear PC Cover Product Reference: PRO1607-CC Material: PC</p>		<p>Product Name: End Cap Product Reference: PRO1607-EC Material: PC</p>
	<p>Product Name: Frosted PC Cover Product Reference: PRO1607-FC Material: PC</p>		<p>Product Name: Mounting Clips Product Reference: PRO1607-MC Material: Aluminium</p>
	<p>Product Name: Black PC Cover Product Reference: PRO1607-BC Material: PC</p>		



**LED Bendable Profile
PRO1806 IP20**

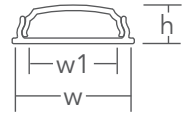


PRODUCT HIGHLIGHTS

- Flexible architectural lighting solution offering continuous light
- Extrusion of high quality aluminium with an optimal thermal conductivity
- Frosted PC cover
- Anodized aluminium profile suitable for suspended installation types
- Suitable to be installed on curved structures

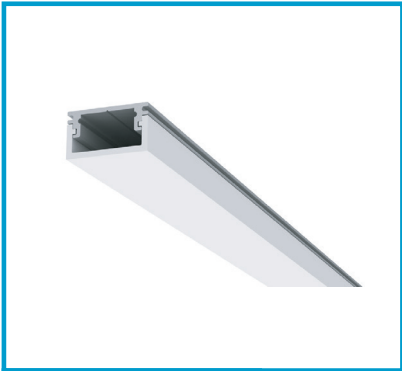
GENERAL CHARACTERISTICS

Product Name	LED Bendable Profile 1806 IP20
Product Reference	PRO1806
Materials	Profile Aluminium
Standard Coating	Silver Anodization (Optional: White or Black Powder Coating)
Diffuser	Opal PC
Dimensions (L x w x h, w1)	2'000 x 18 x 5.7 mm; 13.5 mm
Ingress Protection	IP20



PROFILE ACCESSORIES

	<p>Product Name End Cap</p> <p>Product Reference PRO1806-EC</p> <p>Material PC</p>
	<p>Product Name Mounting Clips</p> <p>Product Reference PRO1806-MC</p> <p>Material Aluminium</p>
	<p>Product Name Connector</p> <p>Product Reference PRO1806-CO</p> <p>Material PC</p>



**LED Profile
PRO1906 IP20**

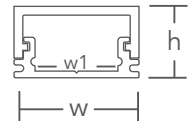


PRODUCT HIGHLIGHTS

- ~ Architectural lighting solution offering continuous light
- ~ Anodized aluminium profile suitable for surface mounted or indirect lighting applications
- ~ Extrusion of high quality aluminium with optimal thermal conductivity
- ~ Aesthetic design with no apparent trim
- ~ Opal PC cover for LED Linear solution without visible dots

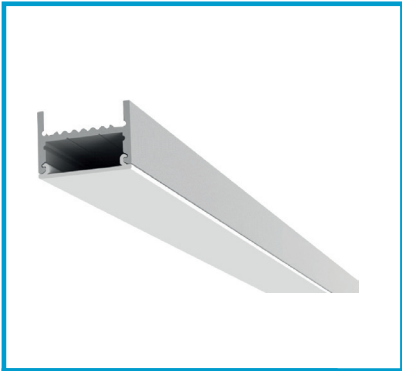
GENERAL CHARACTERISTICS

Product Name	LED Profile PRO1906 IP20
Product Reference	PRO1906
Materials	Profile Aluminium
Standard Coating	Silver Anodization (Optional: White or Black Powder Coating)
Diffuser	Opal PC
Dimensions (L x w x h; w1)	2'000 x 18.4 x 10.5 mm; 12.2 mm
Ingress Protection	IP20



PROFILE ACCESSORIES

	<p>Product Name End Cap Product Reference PRO1906-EC Material Fireproof PC</p>
	<p>Product Name Mounting Clips Product Reference PRO1906-MC Material Aluminium</p>



**LED Profile
PRO1922 Flat IP20**

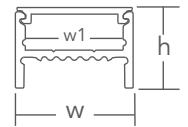


PRODUCT HIGHLIGHTS

- ~ Architectural lighting solution offering continuous light
- ~ Anodized aluminium profile suitable for surface mounted or indirect lighting applications
- ~ Extruded high quality aluminium with optimal thermal conductivity
- ~ Opal PC cover for LED Linear solution without visible dots
- ~ Designed for high output LED sources

GENERAL CHARACTERISTICS

Product Name	LED Profile PRO1922 Flat IP20
Product Reference	PRO1922F
Materials	Profile Aluminium
Standard Coating	Silver Anodization (Optional: White or Black Powder Coating)
Diffuser	Opal PC
Dimensions (L x w x h; w1)	2'000 x 19.5 x 13.7 mm; 16.2 mm
Ingress Protection	IP20



PROFILE ACCESSORIES

	<p>Product Name End Cap Product Reference PRO1922F-EC Material Fireproof PC</p>
	<p>Product Name Mounting Clips Product Reference PRO1922-MC Material Aluminium</p>



**LED Profile
PRO1922 Round IP20**

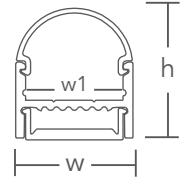


PRODUCT HIGHLIGHTS

- ~ Architectural lighting solution offering continuous light
- ~ Anodized aluminium profile suitable for surface mounted or indirect lighting applications
- ~ Extruded high quality aluminium with optimal thermal conductivity
- ~ Opal PC cover for LED Linear solution without visible dots
- ~ Designed for high output LED sources

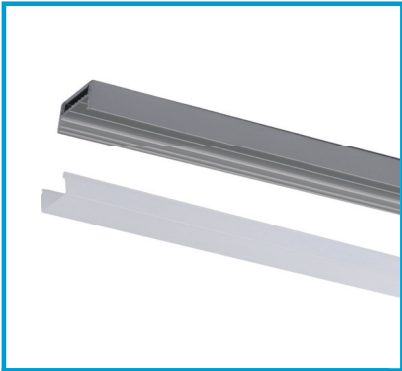
GENERAL CHARACTERISTICS

Product Name	LED Profile PRO1922 Round IP20
Product Reference	PRO1922R
Materials	Profile Aluminium
	Standard Coating Silver Anodization (Optional: White or Black Powder Coating)
	Diffuser Opal PC
Dimensions (L x w x h; w1)	2'000 x 19.49 x 21.6 mm; 16.2 mm
Ingress Protection	IP20



PROFILE ACCESSORIES

	<p>Product Name End Cap Product Reference PRO1922R-EC Material Fireproof PC</p>
	<p>Product Name Mounting Clips Product Reference PRO1922-MC Material Aluminium</p>



**LED Profile
PRO1922 Square IP20**



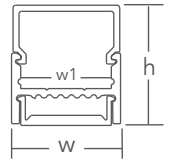
PRODUCT HIGHLIGHTS

- ~ Architectural lighting solution offering continuous light
- ~ Anodized aluminium profile suitable for surface mounted or indirect lighting applications
- ~ Extruded high quality aluminium with optimal thermal conductivity
- ~ Opal PC cover for LED Linear solution without visible dots
- ~ Designed for high output LED sources



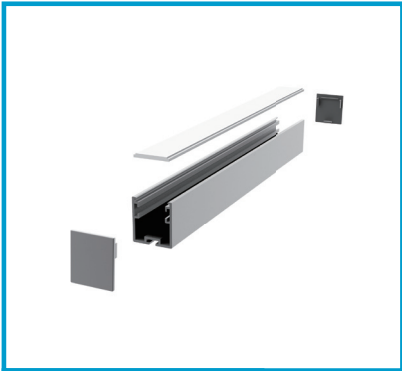
GENERAL CHARACTERISTICS

Product Name	LED Profile PRO1922 Square IP20
Product Reference	PRO1922S
Materials	Profile Aluminium
Standard Coating	Silver Anodization (Optional: White or Black Powder Coating)
Diffuser	Opal PC
Dimensions (L x w x h; w1)	2'000 x 19.5 x 22 mm; 16.2 mm
Ingress Protection	IP20



PROFILE ACCESSORIES

	Product Name End Cap Product Reference PRO1922S-EC Material Fireproof PC
	Product Name Mounting Clips Product Reference PRO1922-MC Material Aluminium



**LED Profile
PRO3235 IP20**

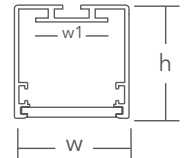


PRODUCT HIGHLIGHTS

- ~ Architectural lighting solution for linear lighting applications
- ~ Anodized aluminium profile suitable for recessed, suspended, surface mounted, wall mounted installation
- ~ Extrusion of high quality aluminium with an optimal thermal conductivity
- ~ Customization of shapes : 1/4 circle, 1/2 circle, full circle, S shape
- ~ Silicone cover and connector for an homogenous and continuous light
- ~ Designed for high output LED sources

GENERAL CHARACTERISTICS

Product Name	LED Profile PRO3235 IP20
Product Reference	PRO3235
Materials	Profile Aluminium
	Standard Coating Silver Anodization (Optional: White or Black Powder Coating)
	Diffuser Opal PC
Dimensions (L x w x h; w1)	2'000 x 32 x 35 mm; 20.1 mm
Ingress Protection	IP20



PROFILE ACCESSORIES

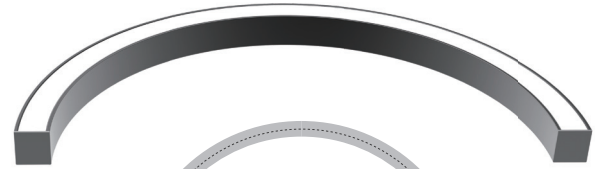
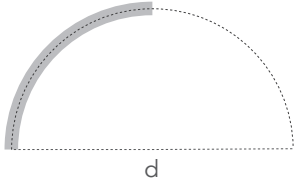
	<p>Product Name End Cap Product Reference PRO3235-EC Material PC</p>		<p>Product Name Suspension Kit Product Reference PRO3235-SK Material Steel wire, Copper</p>
	<p>Product Name Silicone Cover Product Reference PRO3235-SC Material Silicone Glue</p>		<p>Product Name Buckle Product Reference PRO3235-BU Material Stainless Steel</p>
	<p>Product Name Silicone Cover Product Reference PRO3235-SC2 Material Silicone Glue</p>		<p>Product Name Terminal Box Product Reference PRO3235-TB Material Anti-fire PC</p>
	<p>Product Name Connecting Kit Product Reference PRO3235-CK</p>		



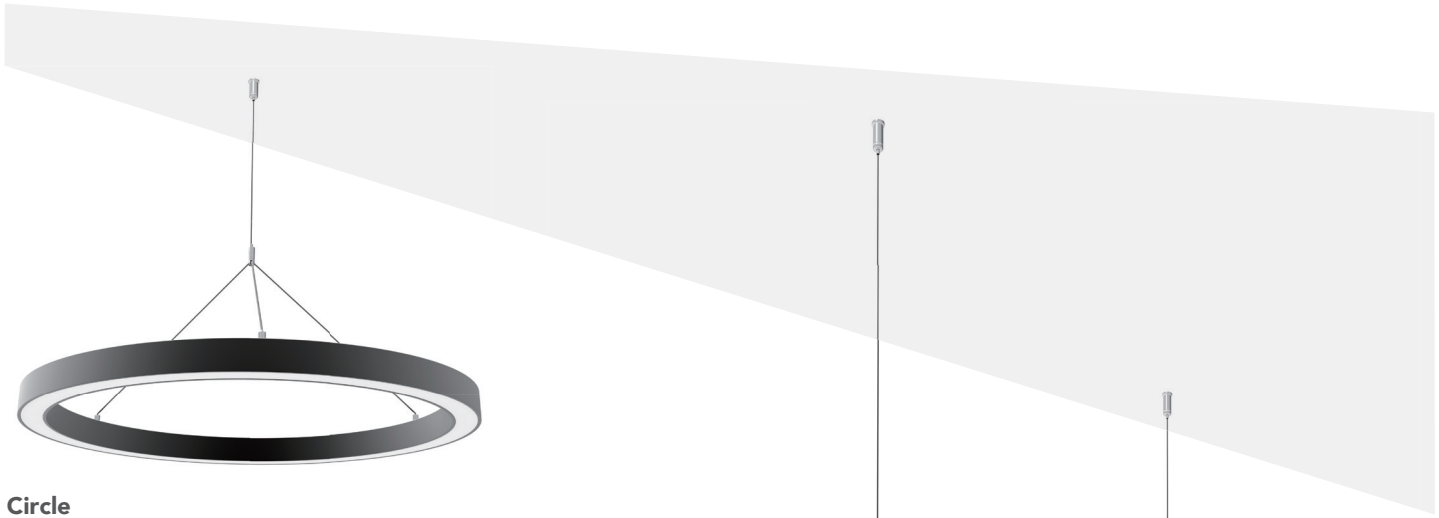
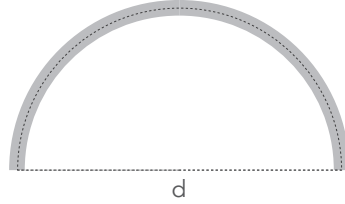
 **SPECIAL FEATURES & INSTALLATION METHODS FOR PRO3235**



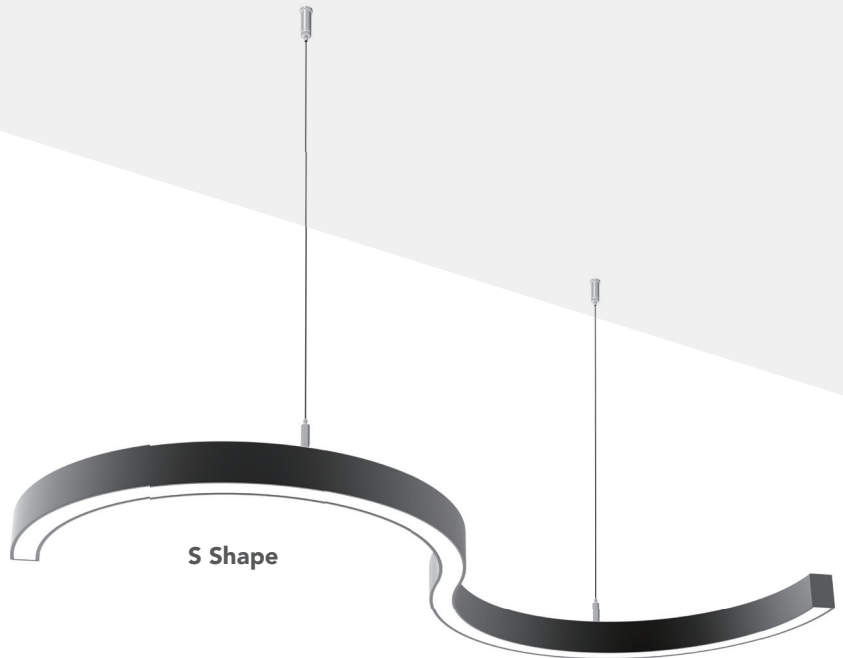
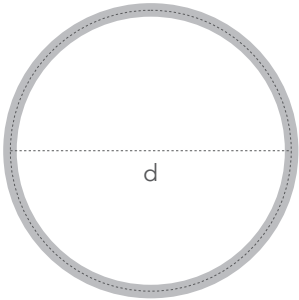
1/4 Circle



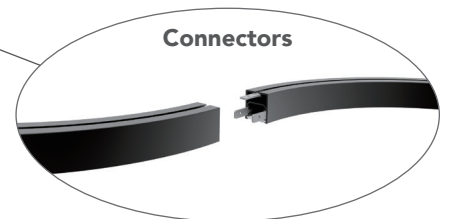
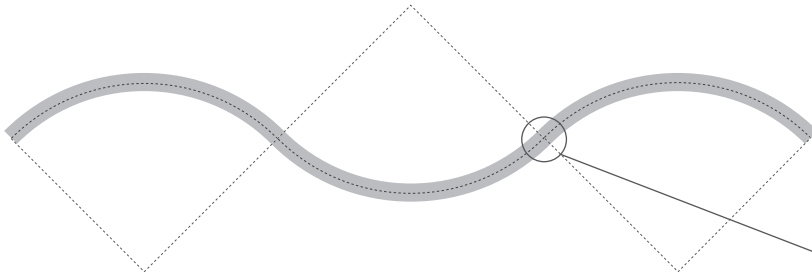
1/2 Circle



Circle



S Shape



Connectors



**LED Profile
PRO3567 IP20**

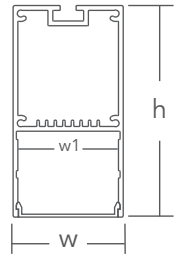


PRODUCT HIGHLIGHTS

- ~ Architectural lighting solution for linear lighting applications
- ~ Anodized aluminium profile suitable for suspended installation
- ~ Extrusion of high quality aluminium with an optimal thermal conductivity
- ~ Opal PC cover for LED Linear solution without visible dots
- ~ Designed for high output LED sources

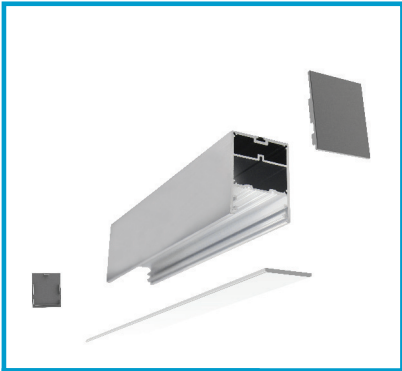
GENERAL CHARACTERISTICS

Product Name	LED Profile PRO3567 IP20
Product Reference	PRO3567
Materials	Profile Aluminium
Standard Coating	Silver Anodization (Optional: White or Black Powder Coating)
Diffuser	Opal PC
Dimensions (L x w x h; w1)	2'000 x 34.53 x 66.5 mm; 32.6 mm
Ingress Protection	IP20



PROFILE ACCESSORIES

	<p>Product Name End Cap Product Reference PRO3567-EC Material PC</p>		<p>Product Name Connector 90° Horizontal Product Reference PRO3567-CO90F Material Steel</p>
	<p>Product Name Suspension Kit Product Reference PRO3567-SU Material Steel</p>		<p>Product Name Connector 90° Vertical Product Reference PRO3567-CO90A Material Steel</p>
	<p>Product Name Connector 180° Product Reference PRO3567-CO180 Material Steel</p>		



**LED Profile
PRO4550 IP20**



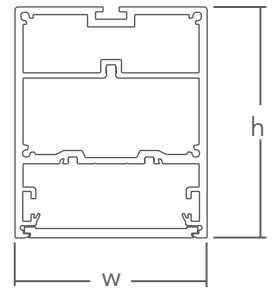
PRODUCT HIGHLIGHTS

- ~ Architectural lighting solution for linear lighting applications
- ~ Anodized aluminium profile suitable for suspended installation
- ~ Opal PC cover for LED Linear solution without visible dots
- ~ Customizable designs with curvy shapes
- ~ Extruded high quality aluminium with optimal thermal conductivity
- ~ Designed for high output LED sources



GENERAL CHARACTERISTICS

Product Name	LED Profile PRO4550
Product Reference	PRO4550
Materials	Profile Aluminium
	Standard Coating Silver Anodization (Optional: White or Black Powder Coating)
	Diffuser Opal PC
Dimensions (L x w x h)	2'000 x 45 x 50 mm
Ingress Protection	IP20

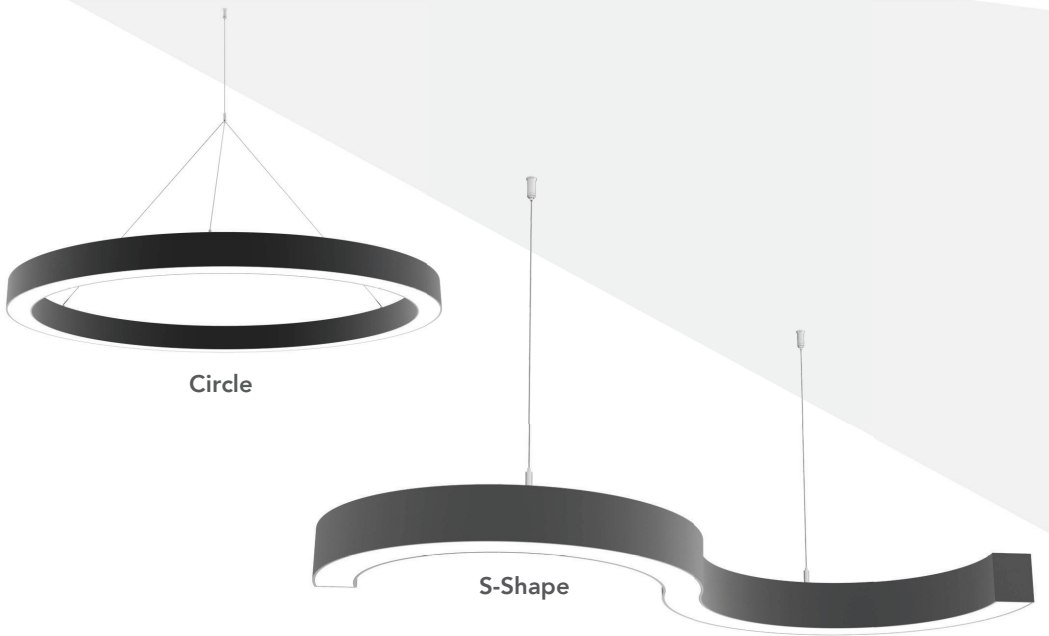


PROFILE ACCESSORIES

	Product Name End Cap Product Reference PRO4550-EC Material PC		Product Name Cover 20 M Product Reference PRO4550-C20 Material PC
	Product Name Suspension Kit Product Reference PRO4550-SU Material Steel		Product Name Splicing Kit Product Reference PRO4550-SP Material Steel
	Product Name Embed buckle Product Reference PRO4550-BU Material Stainless Steel		Product Name Terminal Box Product Reference PRO4550-TB Material Anti-fire PC
	Product Name Quarter Circle Product Reference PRO4550-25C Material Aluminium		Product Name Half Circle Product Reference PRO4550-50C Material Aluminium
	Product Name S-Shape Product Reference PRO4550-SS Material Aluminium		Product Name Circle Product Reference PRO4550-CI Material Aluminium



SPECIAL FEATURES & INSTALLATION METHODS FOR PRO4550



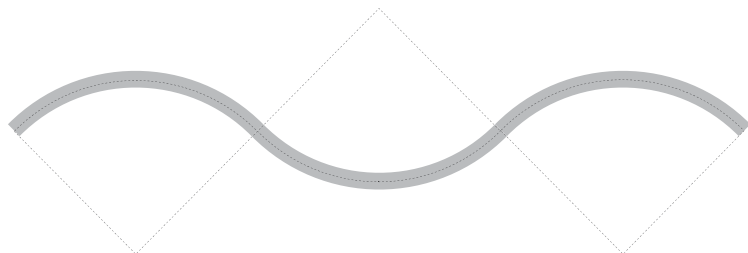
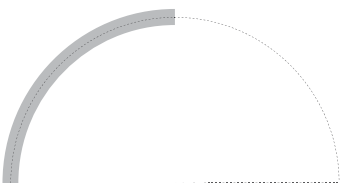
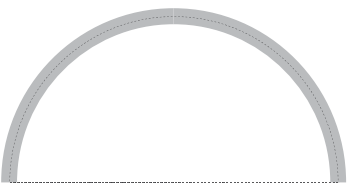
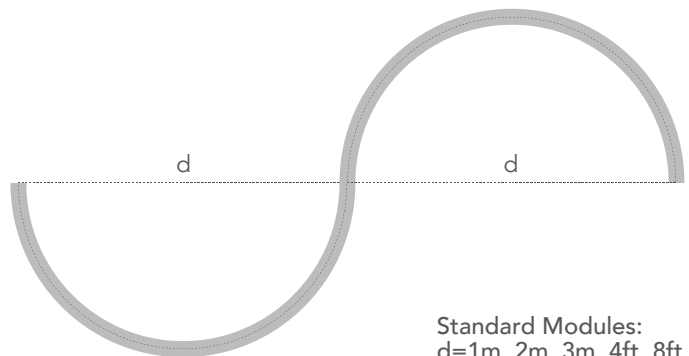
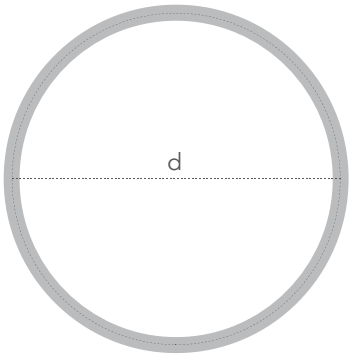
Quarter Circle



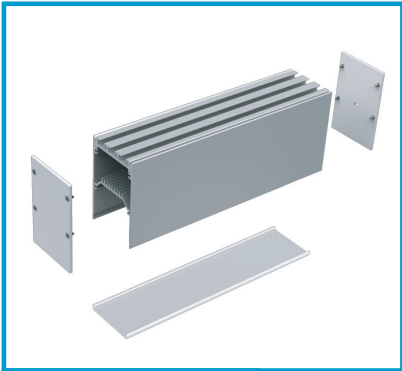
Half Circle



Connection



Standard Modules:
d=1m, 2m, 3m, 4ft, 8ft



**LED Profile
PRO4975 IP20**

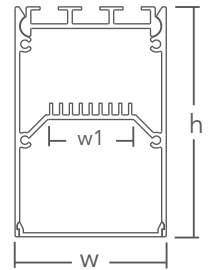


PRODUCT HIGHLIGHTS

- ~ Architectural lighting solution for linear lighting applications
- ~ Extruded high quality aluminium with optimal thermal conductivity
- ~ Designed for high output LED sources
- ~ Anodized aluminium profile suitable for suspended installation
- ~ Opal PC cover for LED Linear solution without visible dots

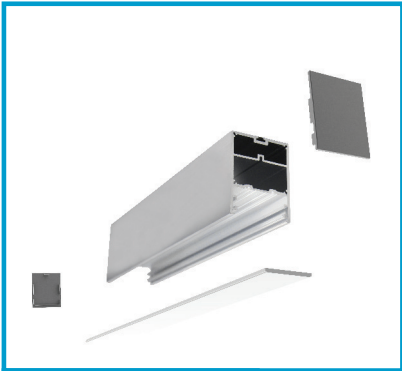
GENERAL CHARACTERISTICS

Product Name	LED Profile PRO4975 IP20
Product Reference	PRO4975
Materials	Profile Aluminium
	Standard Coating Silver Anodization (Optional: White or Black Powder Coating)
	Diffuser Opal PC
Dimensions (L x w x h; w1)	2'000 x 49 x 74.5 mm; 27.8 mm
Ingress Protection	IP20



PROFILE ACCESSORIES

	<p>Product Name End Cap Product Reference PRO4975-EC Material PC</p>
	<p>Product Name Suspension Kit Product Reference PRO4975-SU Material Steel</p>



**LED Profile
PRO6075 IP20**

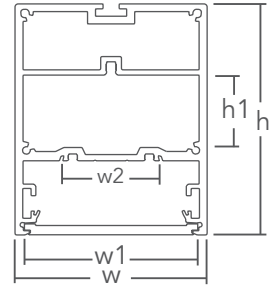


PRODUCT HIGHLIGHTS

- ~ Architectural lighting solution for linear lighting applications
- ~ Anodized aluminium profile suitable for suspended installation
- ~ Opal PC cover for LED Linear solution without visible dots
- ~ Customizable designs with curvy shapes
- ~ Extruded high quality aluminium with optimal thermal conductivity
- ~ Designed for high output LED sources

GENERAL CHARACTERISTICS

Product Name	LED Profile PRO6075
Product Reference	PRO6075
Materials	Profile Aluminium
	Standard Coating Silver Anodization (Optional: White or Black Powder Coating)
	Diffuser Opal PC
Dimensions (L x w x h; w1 x h1; w2)	2'000 x 60 x 75 mm; 55 x 22.6 mm; 27.8 mm
Ingress Protection	IP20

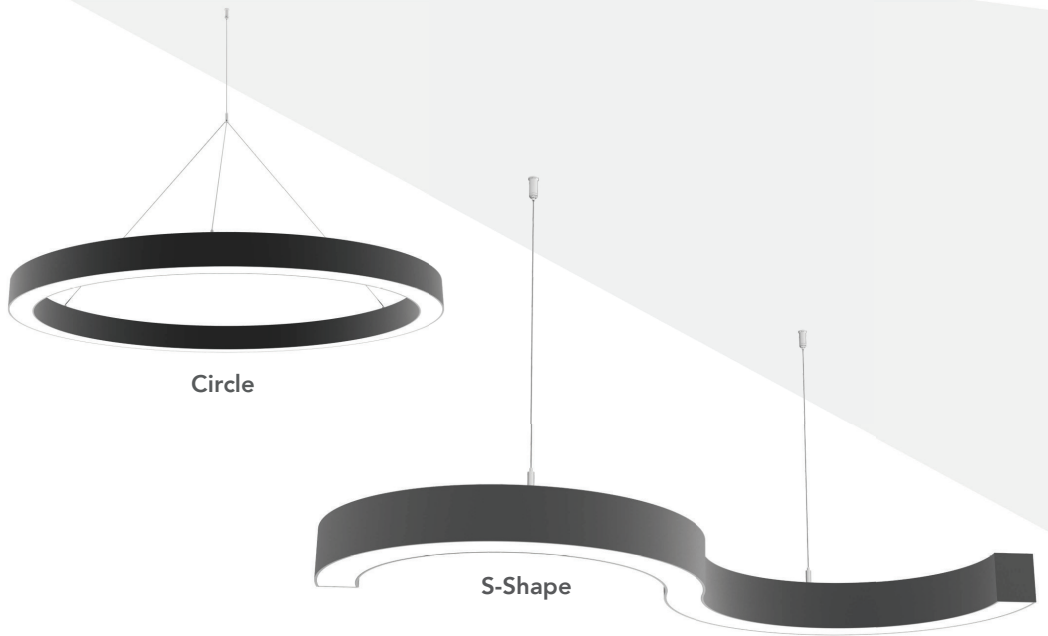


PROFILE ACCESSORIES

	<p>Product Name End Cap Product Reference PRO6075-EC Material PC</p>		<p>Product Name Cover 20 M Product Reference PRO6075-C20 Material PC</p>
	<p>Product Name Suspension Kit Product Reference PRO6075-SU Material Steel</p>		<p>Product Name Splicing Kit Product Reference PRO6075-SP Material Steel</p>
	<p>Product Name Embed buckle Product Reference PRO6075-BU Material Stainless Steel</p>		<p>Product Name Terminal Box Product Reference PRO6075-TB Material Anti-fire PC</p>
	<p>Product Name Quarter Circle Product Reference PRO6075-25C Material Aluminium</p>		<p>Product Name Half Circle Product Reference PRO6075-50C Material Aluminium</p>
	<p>Product Name S-Shape Product Reference PRO6075-SS Material Aluminium</p>		<p>Product Name Circle Product Reference PRO6075-CI Material Aluminium</p>



SPECIAL FEATURES & INSTALLATION METHODS FOR PRO6075



Circle

S-Shape



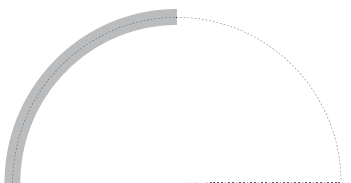
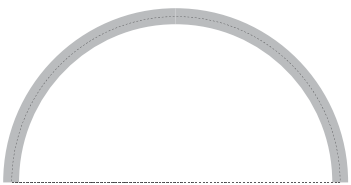
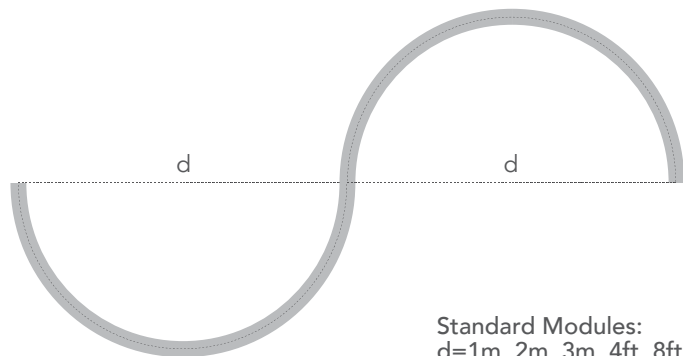
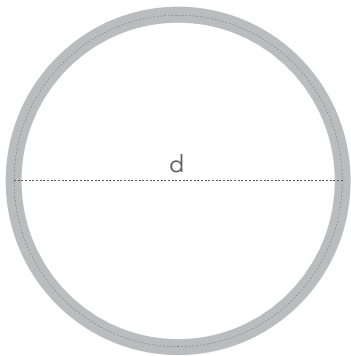
Quarter Circle



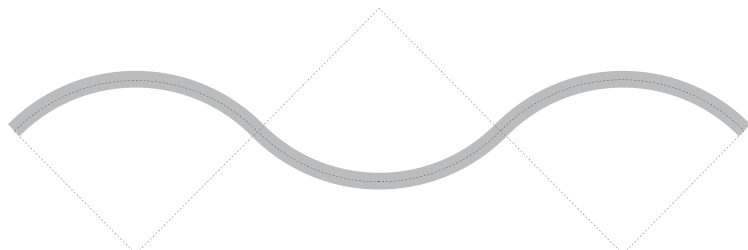
Half Circle



Connection



Standard Modules:
d=1m, 2m, 3m, 4ft, 8ft





I N D O O R



CREO Light.
Light years ahead.



**Spot PRO35
6W WW IP20**

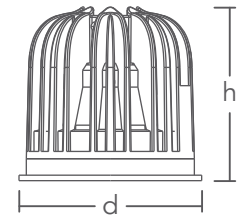


PRODUCT HIGHLIGHTS

- High brightness LED engine with consistent colour temperature and high CRI
- Uniform light distribution and high luminous output achieved with anti-glare reflector
- Operates with 350 mA constant current LED driver (driver not included)
- Up to 80% energy saving compared to a standard halogen solution
- Advanced thermal technology for optimum performance
- High colour consistency (MacAdams 3)
- Long service lifetime of 30'000 hours
- 2'700 K and 4'000 K versions available upon request
- No UV or IR emissions. No mercury
- Compatible with standard MR16 ring fittings. Wide variety of ring adapters are also available

GENERAL CHARACTERISTICS

Product Name	SPOT PRO35 6W WW IP20	
Energy Efficiency Label	A	
Materials	Body	Aluminium
	Diffuser	Glass
LED Type	BRIDGELUX™ COB	
LED Quantity	1	
Average Lifetime	30'000 hours	
Start Time from 0% to 100%	0 sec	
Mercury Content	0.0 mg	
Ingress Protection	IP20	
Dimensions (d x h)	Ø 50 x 48 mm	
Weight	85 g	



ELECTRICAL CHARACTERISTICS

System Power	6W
Forward Voltage	18V DC
Forward Current	350 mA

LIGHT CHARACTERISTICS

Product Reference	SP PRO35 6W/830/36	SP PRO35 6W/830/60
Luminous Flux	500 lm	500 lm
Luminous Intensity	1'078 cd	615 cd
Luminous Efficiency	85 lm/W	85 lm/W
Beam Angle	36°	60°
Colour Name	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K
CRI	83	83

DISTANCE (m)	CONE DIAMETER (mm)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (mm)	ILLUMINANCE (lx)
0.5	0.33	4'312	0.5	0.57	2'460
1.0	0.67	1'078	1.0	1.15	615
1.5	1.00	479	1.5	1.72	273
2.0	1.34	270	2.0	2.29	154
2.5	1.67	172	2.5	2.86	98
3.0	2.01	120	3.0	3.44	68



CREO Light.
Light years ahead.



**Spot PRO50
10W WW IP20**

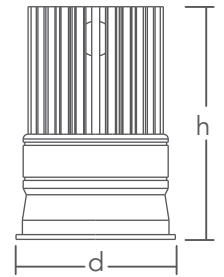


PRODUCT HIGHLIGHTS

- High brightness LED engine with consistent colour temperature and high CRI
- Uniform light distribution and high luminous output achieved with anti-glare reflector
- Operates with 350 mA constant current LED driver (driver not included)
- Up to 80% energy saving compared to a standard halogen solution
- Advanced thermal technology for optimum performance
- High colour consistency (MacAdams 3)
- Long service lifetime of 30'000 hours
- 2'700 K and 4'000 K versions available upon request
- No UV or IR emissions. No mercury
- Compatible with standard MR16 ring fittings. Wide variety of ring adapters are also available

GENERAL CHARACTERISTICS

Product Name	SPOT PRO50 10W WW IP20	
Energy Efficiency Label	A	
Materials	Body	Aluminium
	Diffuser	Glass
LED Type	BRIDGELUX™ COB	
LED Quantity	1	
Average Lifetime	30'000 hours	
Start Time from 0% to 100%	0 sec	
Mercury Content	0.0 mg	
Ingress Protection	IP20	
Dimensions (d x h)	Ø 50 x 78 mm	
Weight	100 g	



ELECTRICAL CHARACTERISTICS

System Power	10W
Forward Voltage	26.5V DC
Forward Current	350 mA



LIGHT CHARACTERISTICS

Product Reference	SP PRO50 10W/830/36			SP PRO50 10W/830/60		
Luminous Flux	820 lm			820 lm		
Luminous Intensity	1'797 cd			1'109 cd		
Luminous Efficiency	86 lm/W			86 lm/W		
Beam Angle	36°			60°		
Colour Name	Warm White			Warm White		
Colour Temperature (CCT)	3'000 K			3'000 K		
CRI	83			83		
	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
	0.5	0.33	7'188	0.5	0.52	4'436
	1.0	0.66	1'797	1.0	1.03	1'109
	1.5	0.98	800	1.5	1.55	493
	2.0	1.31	450	2.0	2.07	277
	2.5	1.64	288	2.5	2.59	177
	3.0	1.97	200	3.0	3.10	123



CREO Light.
Light years ahead.



Spot PRO75
13W WW IP20

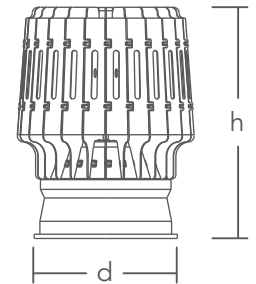


PRODUCT HIGHLIGHTS

- High brightness LED engine with consistent colour temperature and high CRI
- Uniform light distribution and high luminous output achieved with anti-glare reflector
- Operates with 350 mA constant current LED driver (driver not included)
- Up to 80% energy saving compared to a standard halogen solution
- Advanced thermal technology for optimum performance
- High colour consistency (MacAdams 3)
- Long service lifetime of 30'000 hours
- 2'700 K and 4'000 K versions available upon request
- No UV or IR emissions. No mercury
- Compatible with standard MR16 ring fittings. Wide variety of ring adapters are also available

GENERAL CHARACTERISTICS

Product Name	SPOT PRO75 13W WW IP20	
Energy Efficiency Label	A	
Materials	Body	Aluminium
	Diffuser	Glass
LED Type	CITIZEN™ COB	
LED Quantity	1	
Average Lifetime	30'000 hours	
Start Time from 0% to 100%	0 sec	
Mercury Content	0.0 mg	
Ingress Protection	IP20	
Dimensions (d x h)	Ø 50 x 78 mm	
Weight	105 g	



ELECTRICAL CHARACTERISTICS

System Power	13W
Forward Voltage	37V DC
Forward Current	350 mA



LIGHT CHARACTERISTICS

Product Reference	SP PRO75 13W/830/22	SP PRO75 13W/830/36	SP PRO75 13W/830/60
Luminous Flux	1'100 lm	1'100 lm	1'100 lm
Luminous Intensity	4'822 cd	2'424 cd	1'393 cd
Luminous Efficiency	85 lm/W	85 lm/W	85 lm/W
Beam Angle	22°	36°	60°
Colour Name	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K
CRI	83	83	83

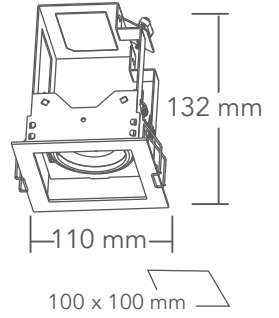
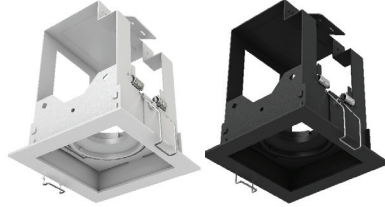
DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
0.5	0.18	19'288	0.5	0.33	7'188	0.5	0.52	4'436
1.0	0.35	4'822	1.0	0.66	1'797	1.0	1.03	1'109
1.5	0.53	2'143	1.5	0.98	800	1.5	1.55	493
2.0	0.70	1'205	2.0	1.31	450	2.0	2.07	277
2.5	0.88	771	2.5	1.64	288	2.5	2.59	177
3.0	1.06	535	3.0	1.97	200	3.0	3.10	123



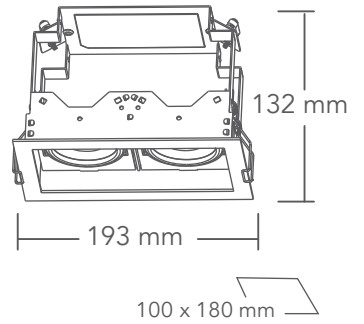
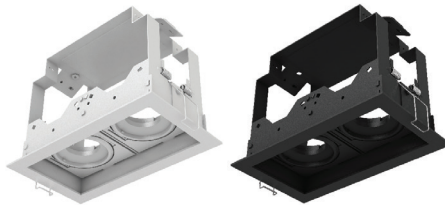
CREO Light.
Light years ahead.

MATRIX FIXTURES

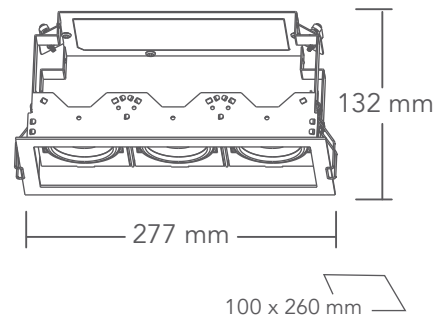
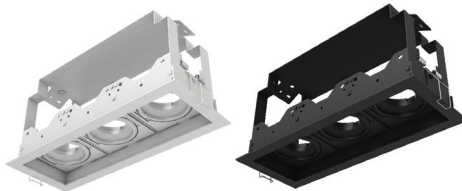
CSPMX01



CSPMX02



CSPMX03





LED SPOT PRO ACCESSORIES : MOUNTING RINGS






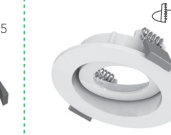
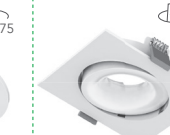
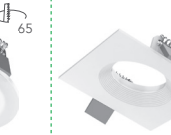







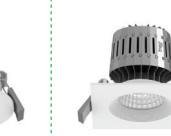











SPOT PRO35



SPOT PRO50



SPOT PRO70

							
CSPMR01 > Fixed, IP65	CSPMR02 > Recessed, adjustable	CSPMR03 > Deep, recessed	CSPMR04 > Adjustable, 355° rotating	CSPMR05 > Small, adjustable	CSPMR06 > Adjustable, 355° rotating	CSPMR07 > Small aesthetic design	CSPMR08 > Economic, square
							
							
							

CYLINDER FIXTURE

CSDL135W
> Surface Mounted Cylinder

CSDL135W
> Suspended Cylinder



207 mm

135 mm

Standard colour: White (RAL 9003)
Black, silver or other colours available upon request



Zhaga Round Downlight DLZR05 17.3W IP44

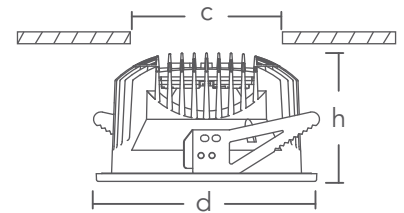


PRODUCT HIGHLIGHTS

- LED ceiling-recessed luminaire
- Fixed output LED control gear included (TRIDONIC™)
- DALI dimmable LED control gear available upon request
- High system efficiency up to 164 lm/W and total luminous flux up to 2'830 lm
- LED light engine compliant with ZHAGA Interface Specification Book3
- Excellent thermal management by COB technology
- High colour consistency (MacAdams 3)
- Excellent Colour Rendering Index. (CRI>80 & CRI>90)
- High-quality aluminium reflector providing symmetric wide-beam light distribution with maximum luminaire efficiency and optimum photometric properties
- Uniform radiation with Damn & Fill technology
- Long service lifetime of 50'000 hours

GENERAL CHARACTERISTICS

Product Name	Zhaga Round Downlight DLZR05 17.3W IP44
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing 1.2 mm steel matt paint
	Reflector 99.98% pure anodized aluminium
	Cover Tempered glass
LED Brand	TRIDONIC™
LED Type	COB (G7-13-3000)
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP44
Dimensions (d x h)	Ø 120 x 70 mm
Cut-out (c)	Ø 110 mm
Weight	280 g



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	LUMINOUS INTENSITY (cd)
DLZR05WF830	17.3 W	500 mA	40°	3'000 K	> 80	2'740	158	3'589
DLZR05WF840	17.3 W	500 mA	40°	4'000 K	> 80	2'830	164	3'707
DLZR05WF930	17.3 W	500 mA	40°	3'000 K	> 90	2'250	130	2'948
DLZR05WF940	17.3 W	500 mA	40°	4'000 K	> 90	2'450	142	3'210



Zhaga Round Downlight DLZR06 25W IP44

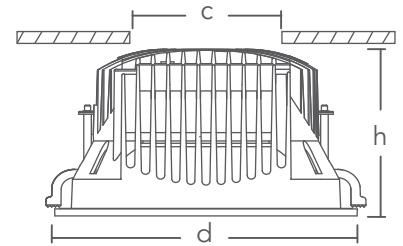


PRODUCT HIGHLIGHTS

- LED ceiling-recessed luminaire
- Fixed output LED control gear included (TRIDONIC™)
- DALI dimmable LED control gear available upon request
- High system efficiency up to 154 lm/W and total luminous flux up to 3'845 lm
- LED light engine compliant with ZHAGA Interface Specification Book3
- Excellent thermal management by COB technology
- High colour consistency (MacAdams 3)
- Excellent Colour Rendering Index. (CRI>80 & CRI>90)
- High-quality aluminium reflector providing symmetric wide-beam light distribution with maximum luminaire efficiency and optimum photometric properties
- Uniform radiation with Damn & Fill technology
- Long service lifetime of 50'000 hours for luminous flux at 70% of initial value

GENERAL CHARACTERISTICS

Product Name	Zhaga Round Downlight DLZR06 25W IP44
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing 1.2 mm steel matt paint
	Reflector 99.98% pure anodized aluminium
	Cover Tempered glass
LED Brand	TRIDONIC™
LED Type	COB (G7-15-4000)
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP44
Dimensions (d x h)	Ø 165 x 100 mm
Cut-out (c)	Ø 148 mm
Weight	580 g



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	LUMINOUS INTENSITY (cd)
DLZR06WF830	25 W	700 mA	40°	3'000 K	> 80	3'730	149	3'847
DLZR06WF840	25 W	700 mA	40°	4'000 K	> 80	3'845	154	2'935
DLZR06WF930	25 W	700 mA	40°	3'000 K	> 90	3'170	127	2'420
DLZR06WF940	25 W	700 mA	40°	4'000 K	> 90	3'330	133	2'542



Zhaga Round Downlight DLZR08 37W IP44

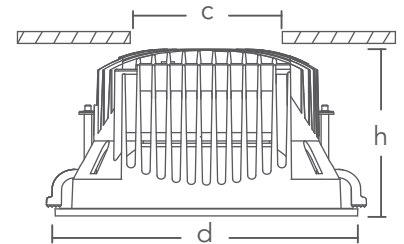


PRODUCT HIGHLIGHTS

- LED ceiling-recessed luminaire
- Fixed output LED control gear included (TRIDONIC™)
- DALI dimmable LED control gear available upon request
- High system efficiency up to 160 lm/W and total luminous flux up to 5'930 lm
- LED light engine compliant with ZHAGA Interface Specification Book3
- Excellent thermal management by COB technology
- High colour consistency (MacAdams 3)
- Excellent Colour Rendering Index. (CRI>80 & CRI>90)
- High-quality aluminium reflector providing symmetric wide-beam light distribution with maximum luminaire efficiency and optimum photometric properties
- Uniform radiation with Damn & Fill technology
- Long service lifetime of 50'000 hours for luminous flux at 70% of initial value

GENERAL CHARACTERISTICS

Product Name	Zhaga Round Downlight DLZR08 37W IP44
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing 1.2 mm steel matt paint
	Reflector 99.98% pure anodized aluminium
	Cover Tempered glass
LED Brand	TRIDONIC™
LED Type	COB (G7-17-5000)
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP44
Dimensions (d x h)	Ø 205 x 100 mm
Cut-out (c)	Ø 188 mm
Weight	780 g



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	LUMINOUS INTENSITY (cd)
DLZR08WF830	37 W	1'050 mA	40°	3'000 K	> 80	5'690	154	4'344
DLZR08WF840	37 W	1'050 mA	40°	4'000 K	> 80	5'930	160	4'527
DLZR08WF930	37 W	1'050 mA	40°	3'000 K	> 90	4'820	130	3'679
DLZR08WF940	37 W	1'050 mA	40°	4'000 K	> 90	5'060	137	3'863



Zhaga Round Downlight DLZR09 49W IP44

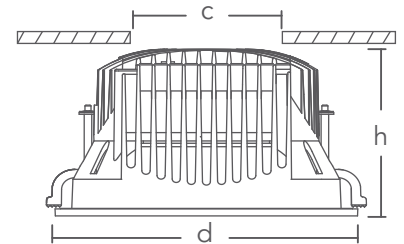


PRODUCT HIGHLIGHTS

- LED ceiling-recessed luminaire
- Fixed output LED control gear included (TRIDONIC™)
- DALI dimmable LED control gear available upon request
- High system efficiency up to 164 lm/W and total luminous flux up to 8'040 lm
- LED light engine compliant with ZHAGA Interface Specification Book3
- Excellent thermal management by COB technology
- High colour consistency (MacAdams 3)
- Excellent Colour Rendering Index. (CRI>80 & CRI>90)
- High-quality aluminium reflector providing symmetric wide-beam light distribution with maximum luminaire efficiency and optimum photometric properties
- Uniform radiation with Damn & Fill technology
- Long service lifetime of 50'000 hours for luminous flux at 70% of initial value

GENERAL CHARACTERISTICS

Product Name	Zhaga Round Downlight DLZR09 49W IP44
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing 1.2 mm steel matt paint
	Reflector 99.98% pure anodized aluminium
	Cover Tempered glass
LED Brand	TRIDONIC™
LED Type	COB (G7-21-6000)
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP44
Dimensions (d x h)	Ø 230 x 112 mm
Cut-out (c)	Ø 215 mm
Weight	1'650 g



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	LUMINOUS INTENSITY (cd)
DLZR09WF830	49 W	1'400 mA	40°	3'000 K	> 80	7'710	157	5'885
DLZR09WF840	49 W	1'400 mA	40°	4'000 K	> 80	8'040	164	6'137
DLZR09WF930	49 W	1'400 mA	40°	3'000 K	> 90	6'530	133	4'985
DLZR09WF940	49 W	1'400 mA	40°	4'000 K	> 90	6'860	140	5'237



**Zhaga Square
Downlight
DLZS05 17.3W IP44**

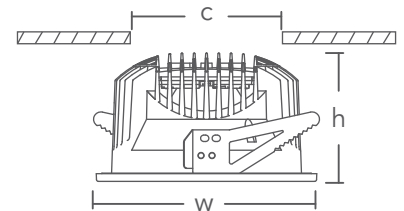


PRODUCT HIGHLIGHTS

- LED ceiling-recessed luminaire
- Fixed output LED control gear included (TRIDONIC™)
- DALI dimmable LED control gear available upon request
- High system efficiency up to 164 lm/W and total luminous flux up to 2'830 lm
- LED light engine compliant with ZHAGA Interface Specification Book3
- Excellent thermal management by COB technology
- High colour consistency (MacAdams 3)
- Excellent Colour Rendering Index. (CRI>80 & CRI>90)
- High-quality aluminium reflector providing symmetric wide-beam light distribution with maximum luminaire efficiency and optimum photometric properties
- Uniform radiation with Damn & Fill technology
- Long service lifetime of 50'000 hours

GENERAL CHARACTERISTICS

Product Name	ZHAGA Square downlight DLZR05 17.3W IP44
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing 1.2 mm steel matt paint
	Reflector 99.98% pure anodized aluminium
	Cover Tempered glass
LED Brand	TRIDONIC™
LED Type	COB (G7-13-3000)
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP44
Dimensions (w x w x h)	120 X 120 x 70 mm
Cut-out (c)	102 X 102 mm
Weight	500 g



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	LUMINOUS INTENSITY (cd)
DLZS05WF830	17.3 W	500 mA	40°	3'000 K	> 80	2'740	158	3'589
DLZS05WF840	17.3 W	500 mA	40°	4'000 K	> 80	2'830	164	3'707
DLZS05WF930	17.3 W	500 mA	40°	3'000 K	> 90	2'250	130	2'948
DLZS05WF940	17.3 W	500 mA	40°	4'000 K	> 90	2'450	142	3'210



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Zhaga Square Downlight DLZS06 25W IP44

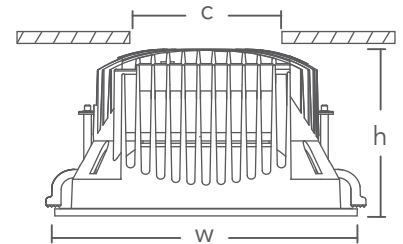


PRODUCT HIGHLIGHTS

- LED ceiling-recessed luminaire
- Fixed output LED control gear included (TRIDONIC™)
- DALI dimmable LED control gear available upon request
- High system efficiency up to 154 lm/W and total luminous flux up to 3'845 lm
- LED light engine compliant with ZHAGA Interface Specification Book3
- Excellent thermal management by COB technology
- High colour consistency (MacAdams 3)
- Excellent Colour Rendering Index. (CRI>80 & CRI>90)
- High-quality aluminium reflector providing symmetric wide-beam light distribution with maximum luminaire efficiency and optimum photometric properties
- Uniform radiation with Damn & Fill technology
- Long service lifetime of 50'000 hours for luminous flux at 70% of initial value

GENERAL CHARACTERISTICS

Product Name	Zhaga Square Downlight DLZS06 25W IP44
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing 1.2 mm steel matt paint
	Reflector 99.98% pure anodized aluminium
	Cover Tempered glass
LED Brand	TRIDONIC™
LED Type	COB (G7-15-4000)
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP44
Dimensions (w x w x h)	160 x 160 x 100 mm
Cut-out (c x c)	148 x 148 mm
Weight	720 g



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	LUMINOUS INTENSITY (cd)
DLZS06WF830	25 W	700 mA	40°	3'000 K	> 80	3'730	149	3'847
DLZS06WF840	25 W	700 mA	40°	4'000 K	> 80	3'845	154	2'935
DLZS06WF930	25 W	700 mA	40°	3'000 K	> 90	3'170	127	2'420
DLZS06WF940	25 W	700 mA	40°	4'000 K	> 90	3'330	133	2'542



**Zhaga Square
Downlight
DLZS08 37W IP44**

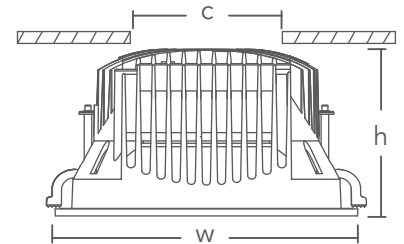


PRODUCT HIGHLIGHTS

- LED ceiling-recessed luminaire
- Fixed output LED control gear included (TRIDONIC™)
- DALI dimmable LED control gear available upon request
- High system efficiency up to 160 lm/W and total luminous flux up to 5'930 lm
- LED light engine compliant with ZHAGA Interface Specification Book3
- Excellent thermal management by COB technology
- High colour consistency (MacAdams 3)
- Excellent Colour Rendering Index. (CRI>80 & CRI>90)
- High-quality aluminium reflector providing symmetric wide-beam light distribution with maximum luminaire efficiency and optimum photometric properties
- Uniform radiation with Damn & Fill technology
- Long service lifetime of 50'000 hours for luminous flux at 70% of initial value

GENERAL CHARACTERISTICS

Product Name	Zhaga Square Downlight DLZS08 37W IP44
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing 1.2 mm steel matt paint
	Reflector 99.98% pure anodized aluminium
	Cover Tempered glass
LED Brand	TRIDONIC™
LED Type	COB (G7-17-5000)
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP44
Dimensions (w x w x h)	205 x 205 x 100 mm
Cut-out (c x c)	188 x 188 mm
Weight	1'450 g



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	LUMINOUS INTENSITY (cd)
DLZS08WF830	37 W	1'050 mA	40°	3'000 K	> 80	5'690	154	4'344
DLZS08WF840	37 W	1'050 mA	40°	4'000 K	> 80	5'930	160	4'527
DLZS08WF930	37 W	1'050 mA	40°	3'000 K	> 90	4'820	130	3'679
DLZS08WF940	37 W	1'050 mA	40°	4'000 K	> 90	5'060	137	3'863



Zhaga Square Downlight DLZS09 49W IP44

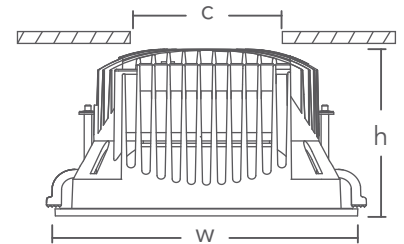


PRODUCT HIGHLIGHTS

- LED ceiling-recessed luminaire
- Fixed output LED control gear included (TRIDONIC™)
- DALI dimmable LED control gear available upon request
- High system efficiency up to 164 lm/W and total luminous flux up to 8'040 lm
- LED light engine compliant with ZHAGA Interface Specification Book3
- Excellent thermal management by COB technology
- High colour consistency (MacAdams 3)
- Excellent Colour Rendering Index. (CRI>80 & CRI>90)
- High-quality aluminium reflector providing symmetric wide-beam light distribution with maximum luminaire efficiency and optimum photometric properties
- Uniform radiation with Damn & Fill technology
- Long service lifetime of 50'000 hours for luminous flux at 70% of initial value

GENERAL CHARACTERISTICS

Product Name	Zhaga Square Downlight DLZS09 49W IP44
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing 1.2 mm steel matt paint
	Reflector 99.98% pure anodized aluminium
	Cover Tempered glass
LED Brand	TRIDONIC™
LED Type	COB (G7-21-6000)
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP44
Dimensions (w x w x h)	230 x 230 x 112 mm
Cut-out (c x c)	215 x 215 mm
Weight	1'850 g

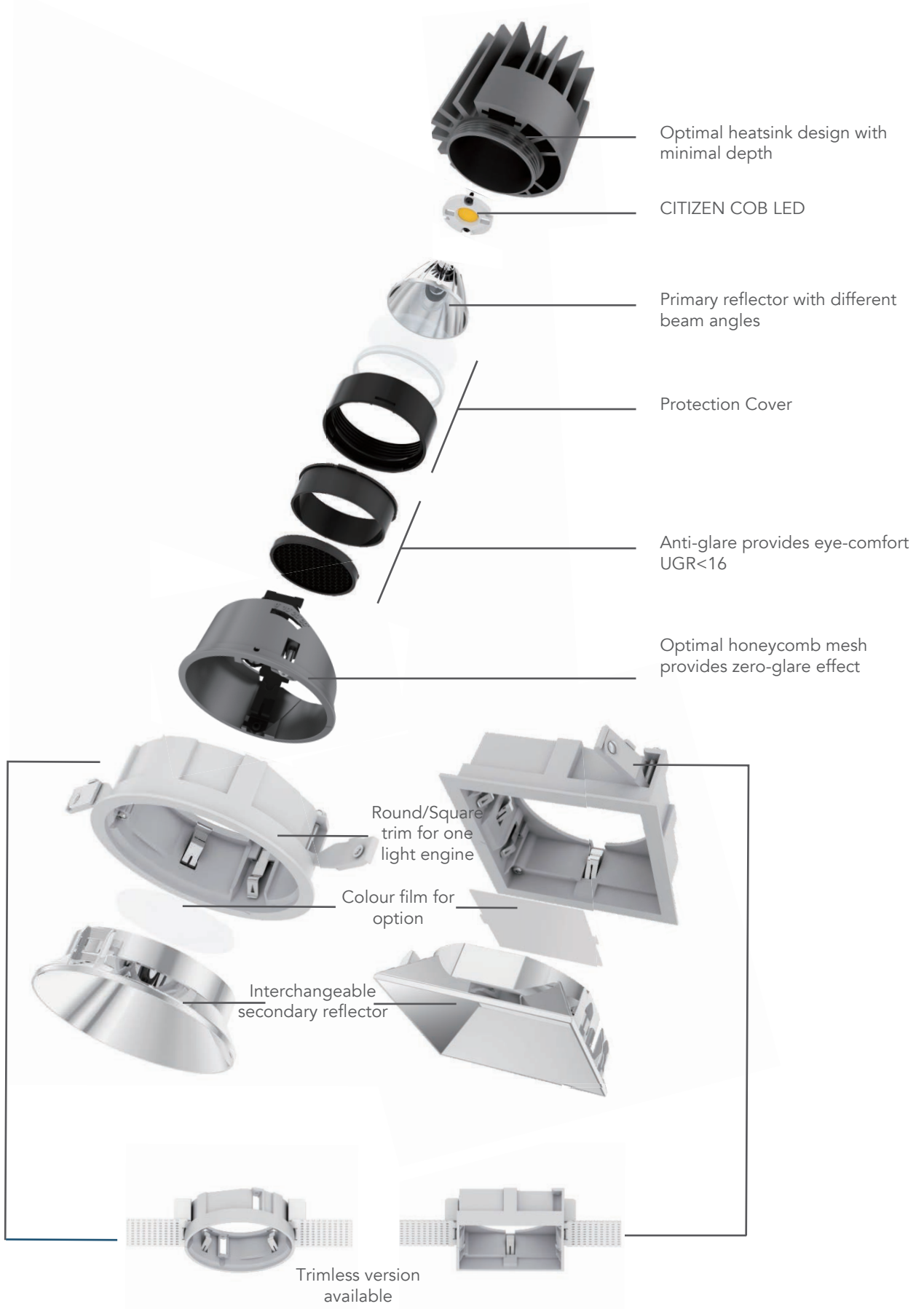


ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	LUMINOUS INTENSITY (cd)
DLZS09WF830	49 W	1'400 mA	40°	3'000 K	> 80	7'710	157	5'885
DLZS09WF840	49 W	1'400 mA	40°	4'000 K	> 80	8'040	164	6'137
DLZS09WF930	49 W	1'400 mA	40°	3'000 K	> 90	6'530	133	4'985
DLZS09WF940	49 W	1'400 mA	40°	4'000 K	> 90	6'860	140	5'237



INFINITE DOWNLIGHT IN DETAILS





Infinite Round Adjustable Frame Downlight IP20

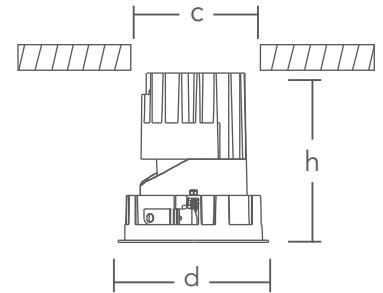


PRODUCT HIGHLIGHTS

- Architectural lighting solution included in the Infinite series of LED downlights
- Uniform light distribution delivering glare-free illumination (UGR<16), & maximum eye comfort
- Discret appearance providing multiple variations of beams, outputs and finishes
- Long service lifetime of 50'000 hours (L90)
- Fixed output LED driver included (plug & play). Dimmable (DALI or 1-10V) driver available upon request
- Interchangeable design (Fixed, Adjustable & Wall Washer)
- Smart mechanical design allowing precise tilt angle adjustment up to 30° and 355° rotation
- Simple recessed installation suitable for various ceiling thickness (from 1 mm to 25 mm).
- Flexibility with multiple shapes & frames
- Excellent thermal management
- High colour consistency (3SDCM). Excellent CRI>90
- Standard CCT: 3'000 K. Available upon request: 2'700 K, 4'000 K, 5'000 K

GENERAL CHARACTERISTICS

Product Name	Infinite Round Adjustable Frame Downlight IP20
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Reflector PC
LED Brand	CITIZEN™
LED Type	COB
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

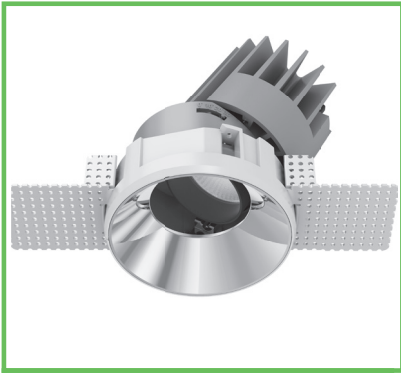
Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
IRAF07930F- □ * xx	11 W	350 mA	24°	3'000 K	> 90	800	3'000	Ø78	98	Ø68	300
IRAF07930W- □ * xx	11 W	350 mA	40°	3'000 K	> 90	800	1'700	Ø78	98	Ø68	300
IRAF10930F- □ * xx	18 W	500 mA	20°	3'000 K	> 90	1'700	6'000	Ø110	128	Ø100	600
IRAF10930W- □ * xx	18 W	500 mA	40°	3'000 K	> 90	1'700	2'100	Ø110	128	Ø100	600
IRAF12930F- □ * xx	25 W	700 mA	20°	3'000 K	> 90	2'600	10'000	Ø137	159	Ø125	800
IRAF12930W- □ * xx	25 W	700 mA	40°	3'000 K	> 90	2'600	3'200	Ø137	159	Ø125	800
IRAF15930F- □ * xx	38 W	1'050 mA	20°	3'000 K	> 90	3'500	15'700	Ø162	190	Ø150	1'300
IRAF15930W- □ * xx	38 W	1'050 mA	35°	3'000 K	> 90	3'500	6'200	Ø162	190	Ø150	1'300

When ordering, please complete the product reference:

- : Secondary Reflector: S= Specular / M= Matt / W= White / B= Black / G= Gold
- : Main Frame: W= White / B= Black / S= Silver / 0= Customized RAL
- * : Protection: 2= IP20 / 5= IP54
- xx: Anti-glare Accessories: 0= None / 1= Honeycomb



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Light years ahead.



Infinite Round Adjustable Trimless Downlight IP20

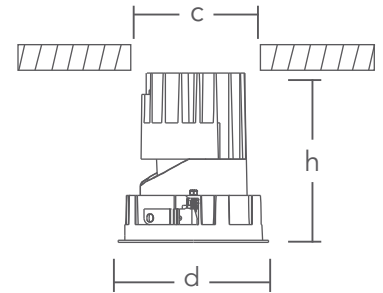


PRODUCT HIGHLIGHTS

- Architectural lighting solution included in the Infinite series of LED downlights
- Uniform light distribution delivering glare-free illumination (UGR<16), & maximum eye comfort
- Discret appearance providing multiple variations of beams, outputs and finishes
- Long service lifetime of 50'000 hours (L90)
- Fixed output LED driver included (plug & play). Dimmable (DALI or 1-10V) driver available upon request
- Interchangeable design (Fixed, Adjustable & Wall Washer)
- Smart mechanical design allowing precise tilt angle adjustment up to 30° and 355° rotation
- Simple recessed installation suitable for various ceiling thickness (from 1 mm to 25 mm).
- Flexibility with multiple shapes & frames
- Excellent thermal management
- High colour consistency (3SDCM). Excellent CRI>90
- Standard CCT: 3'000 K. Available upon request: 2'700 K, 4'000 K, 5'000 K

GENERAL CHARACTERISTICS

Product Name	Infinite Round Adjustable Trimless Downlight IP20
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Reflector PC
LED Brand	CITIZEN™
LED Type	COB
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20

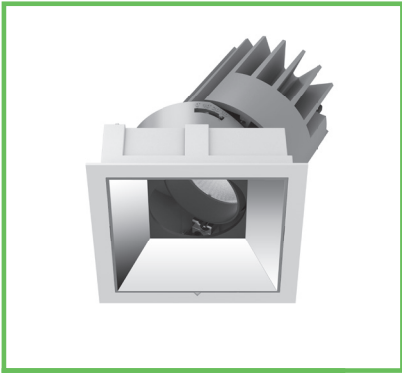


ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
IRAT07930F- □ * xx	11 W	350 mA	24°	3'000 K	> 90	800	3'000	Ø78	98	Ø68	300
IRAT07930W- □ * xx	11 W	350 mA	40°	3'000 K	> 90	800	1'700	Ø78	98	Ø68	300
IRAT10930F- □ * xx	18 W	500 mA	20°	3'000 K	> 90	1'700	6'000	Ø110	128	Ø100	600
IRAT10930W- □ * xx	18 W	500 mA	40°	3'000 K	> 90	1'700	2'100	Ø110	128	Ø100	600
IRAT12930F- □ * xx	25 W	700 mA	20°	3'000 K	> 90	2'600	10'000	Ø137	159	Ø125	800
IRAT12930W- □ * xx	25 W	700 mA	40°	3'000 K	> 90	2'600	3'200	Ø137	159	Ø125	800
IRAT15930F- □ * xx	38 W	1'050 mA	20°	3'000 K	> 90	3'500	15'700	Ø162	190	Ø150	1'300
IRAT15930W- □ * xx	38 W	1'050 mA	35°	3'000 K	> 90	3'500	6'200	Ø162	190	Ø150	1'300

When ordering, please complete the product reference:

- : Secondary Reflector: S= Specular / M= Matt / W= White / B= Black / G= Gold
- : Main Frame: W= White / B= Black / S= Silver / 0= Customized RAL
- * : Protection: 2= IP20 / 5= IP54
- xx: Anti-glare Accessories: 0= None / 1= Honeycomb



Infinite Square Adjustable Frame Downlight IP20

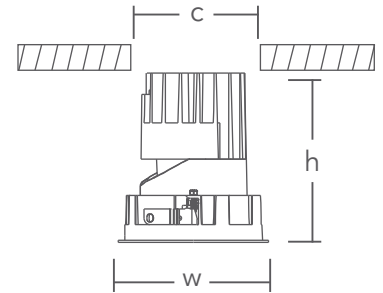


PRODUCT HIGHLIGHTS

- Architectural lighting solution included in the Infinite series of LED downlights
- Uniform light distribution delivering glare-free illumination (UGR<16), & maximum eye comfort
- Discret appearance providing multiple variations of beams, outputs and finishes
- Long service lifetime of 50'000 hours (L90)
- Fixed output LED driver included (plug & play). Dimmable (DALI or 1-10V) driver available upon request
- Interchangeable design (Fixed, Adjustable & Wall Washer)
- Smart mechanical design allowing precise tilt angle adjustment up to 30° and 355° rotation
- Simple recessed installation suitable for various ceiling thickness (from 1 mm to 25 mm).
- Flexibility with multiple shapes & frames
- Excellent thermal management
- High colour consistency (3SDCM). Excellent CRI>90
- Standard CCT: 3'000 K. Available upon request: 2'700 K, 4'000 K, 5'000 K

GENERAL CHARACTERISTICS

Product Name	Infinite Square Adjustable Frame Downlight IP20
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Reflector PC
LED Brand	CITIZEN™
LED Type	COB
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

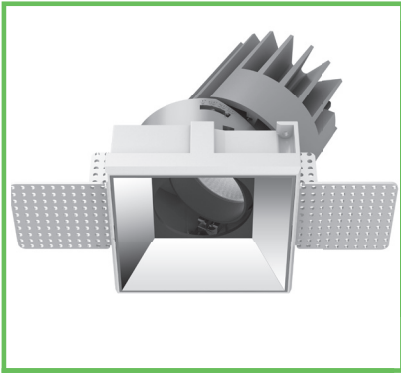
Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	WIDTH (w) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
ISAF07930F- □ * xx	11 W	350 mA	24°	3'000 K	> 90	800	3'000	75 x 75	98	65 x 65	300
ISAF07930W- □ * xx	11 W	350 mA	40°	3'000 K	> 90	800	1'700	75 x 75	98	65 x 65	300
ISAF10930F- □ * xx	18 W	500 mA	20°	3'000 K	> 90	1'700	6'000	107 x 107	128	96 x 96	600
ISAF10930W- □ * xx	18 W	500 mA	40°	3'000 K	> 90	1'700	2'100	107 x 107	128	96 x 96	600
ISAF12930F- □ * xx	25 W	700 mA	20°	3'000 K	> 90	2'600	10'000	134 x 134	159	122 x 122	800
ISAF12930W- □ * xx	25 W	700 mA	40°	3'000 K	> 90	2'600	3'200	134 x 134	159	122 x 122	800
ISAF15930F- □ * xx	38 W	1'050 mA	20°	3'000 K	> 90	3'500	15'700	159 x 159	190	147 x 147	1'300
ISAF15930W- □ * xx	38 W	1'050 mA	35°	3'000 K	> 90	3'500	6'200	159 x 159	190	147 x 147	1'300

When ordering, please complete the product reference:

- : Secondary Reflector: S= Specular / M= Matt / W= White / B= Black / G= Gold
- : Main Frame: W= White / B= Black / S= Silver / 0= Customized RAL
- * : Protection: 2= IP20 / 5= IP54
- xx: Anti-glare Accessories: 0= None / 1= Honeycomb



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Light years ahead.



Infinite Square Adjustable Trimless Downlight IP20

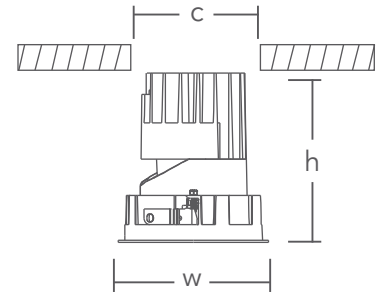


PRODUCT HIGHLIGHTS

- Architectural lighting solution included in the Infinite series of LED downlights
- Uniform light distribution delivering glare-free illumination (UGR<16), & maximum eye comfort
- Discret appearance providing multiple variations of beams, outputs and finishes
- Long service lifetime of 50'000 hours (L90)
- Fixed output LED driver included (plug & play). Dimmable (DALI or 1-10V) driver available upon request
- Interchangeable design (Fixed, Adjustable & Wall Washer)
- Smart mechanical design allowing precise tilt angle adjustment up to 30° and 355° rotation
- Simple recessed installation suitable for various ceiling thickness (from 1 mm to 25 mm).
- Flexibility with multiple shapes & frames
- Excellent thermal management
- High colour consistency (3SDCM). Excellent CRI>90
- Standard CCT: 3'000 K. Available upon request: 2'700 K, 4'000 K, 5'000 K

GENERAL CHARACTERISTICS

Product Name	Infinite Square Adjustable Trimless Downlight IP20
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Reflector PC
LED Brand	CITIZEN™
LED Type	COB
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

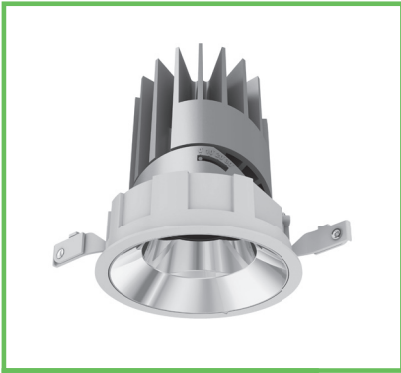
Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	WIDTH (w) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
ISAT07930F- □ * xx	11W	350 mA	24°	3'000 K	> 90	800	3'000	75 x 75	98	65 x 65	300
ISAT07930W- □ * xx	11W	350 mA	40°	3'000 K	> 90	800	1'700	75 x 75	98	65 x 65	300
ISAT10930F- □ * xx	18W	500 mA	20°	3'000 K	> 90	1'700	6'000	107 x 107	128	96 x 96	600
ISAT10930W- □ * xx	18W	500 mA	40°	3'000 K	> 90	1'700	2'100	107 x 107	128	96 x 96	600
ISAT12930F- □ * xx	25W	700 mA	20°	3'000 K	> 90	2'600	10'000	134 x 134	159	122 x 122	800
ISAT12930W- □ * xx	25W	700 mA	40°	3'000 K	> 90	2'600	3'200	134 x 134	159	122 x 122	800
ISAT15930F- □ * xx	38W	1'050 mA	20°	3'000 K	> 90	3'500	15'700	159 x 159	190	147 x 147	1'300
ISAT15930W- □ * xx	38W	1'050 mA	35°	3'000 K	> 90	3'500	6'200	159 x 159	190	147 x 147	1'300

When ordering, please complete the product reference:

- : Secondary Reflector: S= Specular / M= Matt / W= White / B= Black / G= Gold
- : Main Frame: W= White / B= Black / S= Silver / 0= Customized RAL
- * : Protection: 2= IP20 / 5= IP54
- xx: Anti-glare Accessories: 0= None / 1= Honeycomb



CREO Light.
Light years ahead.



**Infinite Round
Fixed Frame
Downlight IP20**

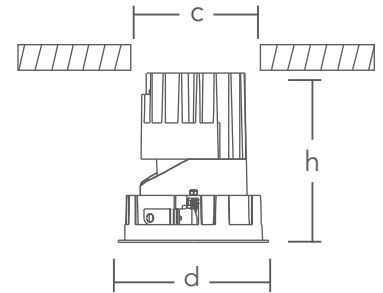


PRODUCT HIGHLIGHTS

- Architectural lighting solution included in the Infinite series of LED downlights
- Uniform light distribution delivering glare-free illumination (UGR<19), & maximum eye comfort
- Discret appearance providing multiple variations of beams, outputs and finishes
- Long service lifetime of 50'000 hours (L90)
- Fixed output LED driver included (plug & play). Dimmable (DALI or 1-10V) driver available upon request
- Interchangeable design (Fixed, Adjustable & Wall Washer)
- Flexibility with multiple shapes & frames
- Simple recessed installation suitable for various ceiling thickness (from 1 mm to 25 mm).
- Excellent thermal management
- High colour consistency (3SDCM). Excellent CRI>90
- Standard CCT: 3'000 K. Available upon request: 2'700 K, 4'000 K, 5'000 K

GENERAL CHARACTERISTICS

Product Name	Infinite Round Fixed Frame Downlight IP20
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Reflector PC
LED Brand	CITIZEN™
LED Type	COB
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20

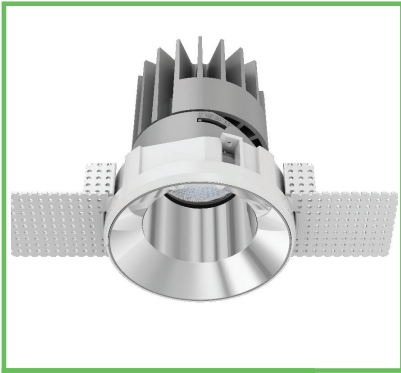


ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
IRFF10930F- □ * xx	18W	500 mA	28°	3'000 K	> 90	1'700	3'690	Ø110	128	Ø100	600
IRFF10930W- □ * xx	18W	500 mA	35°	3'000 K	> 90	1'700	2'560	Ø110	128	Ø100	600
IRFF12930F- □ * xx	25W	700 mA	28°	3'000 K	> 90	2'400	6'800	Ø137	159	Ø125	800
IRFF12930W- □ * xx	25W	700 mA	40°	3'000 K	> 90	2'400	3'800	Ø137	159	Ø125	800
IRFF15930F- □ * xx	38W	1'050 mA	28°	3'000 K	> 90	3'700	10'800	Ø162	190	Ø150	1'300
IRFF15930W- □ * xx	38W	1'050 mA	32°	3'000 K	> 90	3'700	8'000	Ø162	190	Ø150	1'300

When ordering, please complete the product reference:

- : Secondary Reflector: S= Specular / M= Matt / W= White / B= Black / G= Gold
- : Main Frame: W= White / B= Black / S= Silver / 0= Customized RAL
- * : Protection: 2= IP20 / 5= IP54
- xx: Anti-glare Accessories: 0= None / 1= Honeycomb



**Infinite Round
Fixed Trimless
Downlight IP20**

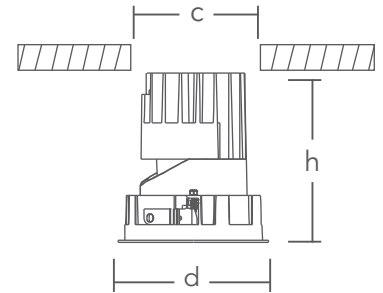


PRODUCT HIGHLIGHTS

- Architectural lighting solution included in the Infinite series of LED downlights
- Uniform light distribution delivering glare-free illumination (UGR<19), & maximum eye comfort
- Discret appearance providing multiple variations of beams, outputs and finishes
- Long service lifetime of 50'000 hours (L90)
- Fixed output LED driver included (plug & play). Dimmable (DALI or 1-10V) driver available upon request
- Interchangeable design (Fixed, Adjustable & Wall Washer)
- Flexibility with multiple shapes & frames
- Simple recessed installation suitable for various ceiling thickness (from 1 mm to 25 mm).
- Excellent thermal management
- High colour consistency (3SDCM). Excellent CRI>90
- Standard CCT: 3'000 K. Available upon request: 2'700 K, 4'000 K, 5'000 K

GENERAL CHARACTERISTICS

Product Name	Infinite Round Fixed Trimless Downlight IP20
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Reflector PC
LED Brand	CITIZEN™
LED Type	COB
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
IRFT10930F- □ * xx	18W	500 mA	20°	3'000 K	> 90	1'700	3'690	Ø110	128	Ø100	600
IRFT10930W- □ * xx	18W	500 mA	40°	3'000 K	> 90	1'700	2'560	Ø110	128	Ø100	600
IRFT12930F- □ * xx	25W	700 mA	20°	3'000 K	> 90	2'400	6'800	Ø137	159	Ø125	800
IRFT12930W- □ * xx	25W	700 mA	40°	3'000 K	> 90	2'400	3'800	Ø137	159	Ø125	800
IRFT15930F- □ * xx	38W	1'050 mA	20°	3'000 K	> 90	3'700	10'800	Ø162	190	Ø150	1'300
IRFT15930W- □ * xx	38W	1'050 mA	35°	3'000 K	> 90	3'700	8'000	Ø162	190	Ø150	1'300

When ordering, please complete the product reference:

- : Secondary Reflector: S= Specular / M= Matt / W= White / B= Black / G= Gold
- : Main Frame: W= White / B= Black / S= Silver / 0= Customized RAL
- * : Protection: 2= IP20 / 5= IP54
- xx: Anti-glare Accessories: 0= None / 1= Honeycomb



**Infinite Square
Fixed Frame
Downlight IP20**

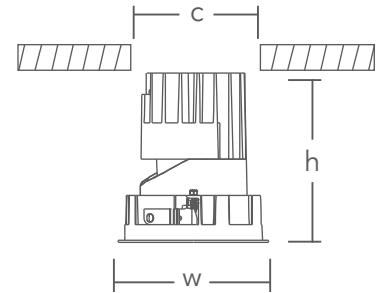


PRODUCT HIGHLIGHTS

- Architectural lighting solution included in the Infinite series of LED downlights
- Uniform light distribution delivering glare-free illumination (UGR<19), & maximum eye comfort
- Discret appearance providing multiple variations of beams, outputs and finishes
- Long service lifetime of 50'000 hours (L90)
- Fixed output LED driver included (plug & play). Dimmable (DALI or 1-10V) driver available upon request
- Interchangeable design (Fixed, Adjustable & Wall Washer)
- Flexibility with multiple shapes & frames
- Simple recessed installation suitable for various ceiling thickness (from 1 mm to 25 mm).
- Excellent thermal management
- High colour consistency (3SDCM). Excellent CRI>90
- Standard CCT: 3'000 K. Available upon request: 2'700 K, 4'000 K, 5'000 K

GENERAL CHARACTERISTICS

Product Name	Infinite Square Fixed Frame Downlight IP20
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Reflector PC
LED Brand	CITIZEN™
LED Type	COB
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20

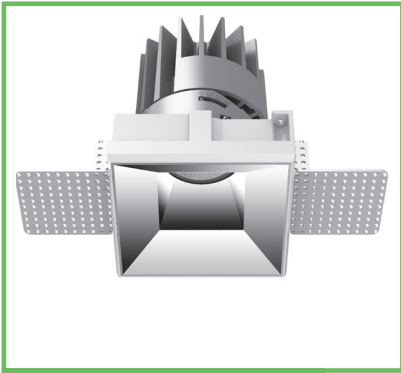


ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	WIDTH (w) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
ISFF10930F- □ * xx	18W	500 mA	28°	3'000 K	> 90	1'700	3'690	107 x 107	128	96 x 96	600
ISFF10930W- □ * xx	18W	500 mA	35°	3'000 K	> 90	1'700	2'560	107 x 107	128	96 x 96	600
ISFF12930F- □ * xx	25W	700 mA	28°	3'000 K	> 90	2'400	6'800	134 x 134	159	122 x 122	800
ISFF12930W- □ * xx	25W	700 mA	40°	3'000 K	> 90	2'400	3'800	134 x 134	159	122 x 122	800
ISFF15930F- □ * xx	38W	1'050 mA	28°	3'000 K	> 90	3'700	10'800	159 x 159	190	147 x 147	1'300
ISFF15930W- □ * xx	38W	1'050 mA	32°	3'000 K	> 90	3'700	8'000	159 x 159	190	147 x 147	1'300

When ordering, please complete the product reference:

- : Secondary Reflector: S= Specular / M= Matt / W= White / B= Black / G= Gold
- : Main Frame: W= White / B= Black / S= Silver / 0= Customized RAL
- * : Protection: 2= IP20 / 5= IP54
- xx: Anti-glare Accessories: 0= None / 1= Honeycomb



**Infinite Square
Fixed Trimless
Downlight IP20**

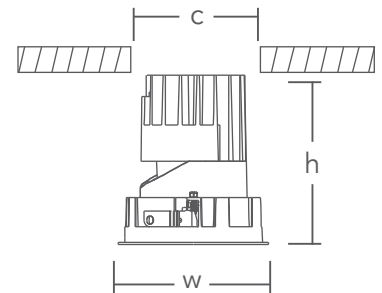


PRODUCT HIGHLIGHTS

- Architectural lighting solution included in the Infinite series of LED downlights
- Uniform light distribution delivering glare-free illumination (UGR<19), & maximum eye comfort
- Discret appearance providing multiple variations of beams, outputs and finishes
- Long service lifetime of 50'000 hours (L90)
- Fixed output LED driver included (plug & play). Dimmable (DALI or 1-10V) driver available upon request
- Interchangeable design (Fixed, Adjustable & Wall Washer)
- Flexibility with multiple shapes & frames
- Simple recessed installation suitable for various ceiling thickness (from 1 mm to 25 mm).
- Excellent thermal management
- High colour consistency (3SDCM). Excellent CRI>90
- Standard CCT: 3'000 K. Available upon request: 2'700 K, 4'000 K, 5'000 K

GENERAL CHARACTERISTICS

Product Name	Infinite Square Fixed Trimless Downlight IP20
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Reflector PC
LED Brand	CITIZEN™
LED Type	COB
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20

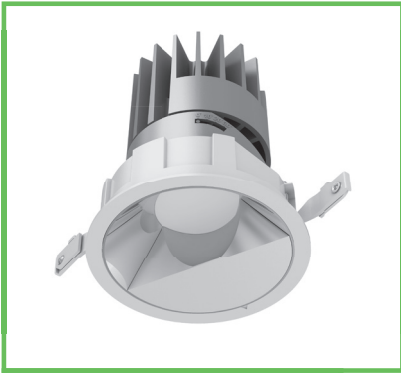


ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	WIDTH (w) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
ISFT10930F- □ * xx	18W	500 mA	28°	3'000 K	> 90	1'700	3'690	107 x 107	128	96 x 96	600
ISFT10930W- □ * xx	18W	500 mA	35°	3'000 K	> 90	1'700	2'560	107 x 107	128	96 x 96	600
ISFT12930F- □ * xx	25W	700 mA	28°	3'000 K	> 90	2'400	6'800	134 x 134	159	122 x 122	800
ISFT12930W- □ * xx	25W	700 mA	40°	3'000 K	> 90	2'400	3'800	134 x 134	159	122 x 122	800
ISFT15930F- □ * xx	38W	1'050 mA	28°	3'000 K	> 90	3'700	10'800	159 x 159	190	147 x 147	1'300
ISFT15930W- □ * xx	38W	1'050 mA	32°	3'000 K	> 90	3'700	8'000	159 x 159	190	147 x 147	1'300

When ordering, please complete the product reference:

- : Secondary Reflector: S= Specular / M= Matt / W= White / B= Black / G= Gold
- : Main Frame: W= White / B= Black / S= Silver / 0= Customized RAL
- * : Protection: 2= IP20 / 5= IP54
- xx: Anti-glare Accessories: 0= None / 1= Honeycomb



Infinite Round Wall Washer Frame Downlight IP20

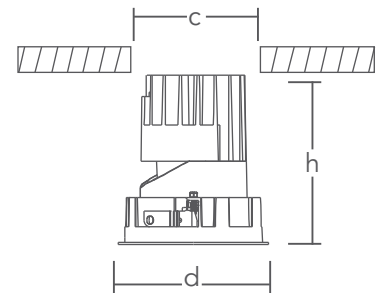


PRODUCT HIGHLIGHTS

- Architectural lighting solution included in the Infinite series of LED downlights
- Uniform light distribution delivering glare-free illumination (UGR<19), & maximum eye comfort
- Discret appearance providing multiple variations of beams, outputs and finishes
- Long service lifetime of 50'000 hours (L90)
- Fixed output LED driver included (plug & play). Dimmable (DALI or 1-10V) driver available upon request
- Interchangeable design (Fixed, Adjustable & Wall Washer)
- Flexibility with multiple shapes & frames
- Simple recessed installation suitable for various ceiling thickness (from 1 mm to 25 mm).
- Excellent thermal management
- High colour consistency (3SDCM). Excellent CRI>90
- Standard CCT: 3'000 K. Available upon request: 2'700 K, 4'000 K, 5'000 K

GENERAL CHARACTERISTICS

Product Name	Infinite Round Wall Washer Frame Downlight IP20
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Reflector PC
LED Brand	CITIZEN™
LED Type	COB
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

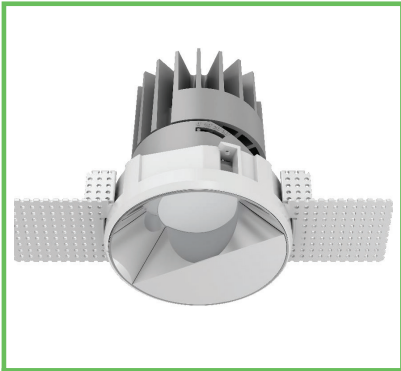
Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
IRWF10930- □ * xx	18 W	500 mA	-	3'000 K	> 90	1'700	600	Ø110	128	Ø100	600
IRWF12930- □ * xx	25 W	700 mA	-	3'000 K	> 90	2'600	790	Ø137	159	Ø125	800
IRWF15930- □ * xx	38 W	1'050 mA	-	3'000 K	> 90	3'500	1'100	Ø162	190	Ø150	1'300

When ordering, please complete the product reference:

- : Secondary Reflector: S= Specular / M= Matt / W= White / B= Black / G= Gold
- : Main Frame: W= White / B= Black / S= Silver / 0= Customized RAL
- * : Protection: 2= IP20 / 5= IP54
- xx: Anti-glare Accessories: 0= None / 1= Honeycomb



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**Infinite Round
Wall Washer Trimless
Downlight IP20**

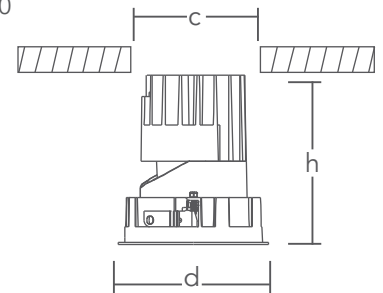


PRODUCT HIGHLIGHTS

- Architectural lighting solution included in the Infinite series of LED downlights
- Uniform light distribution delivering glare-free illumination (UGR<19), & maximum eye comfort
- Discret appearance providing multiple variations of beams, outputs and finishes
- Long service lifetime of 50'000 hours (L90)
- Fixed output LED driver included (plug & play). Dimmable (DALI or 1-10V) driver available upon request
- Interchangeable design (Fixed, Adjustable & Wall Washer)
- Flexibility with multiple shapes & frames
- Simple recessed installation suitable for various ceiling thickness (from 1 mm to 25 mm).
- Excellent thermal management
- High colour consistency (3SDCM). Excellent CRI>90
- Standard CCT: 3'000 K. Available upon request: 2'700 K, 4'000 K, 5'000 K

GENERAL CHARACTERISTICS

Product Name	Infinite Round Wall Washer Trimless Downlight IP20
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Reflector PC
LED Brand	CITIZEN™
LED Type	COB
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20

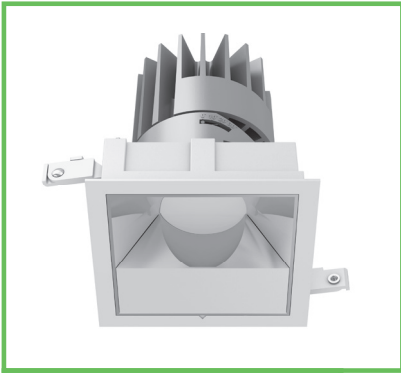


ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
IRWT10930- □ * xx	18 W	500 mA	-	3'000 K	> 90	1'700	600	Ø110	128	Ø100	600
IRWT12930- □ * xx	25 W	700 mA	-	3'000 K	> 90	2'600	790	Ø137	159	Ø125	800
IRWT15930- □ * xx	38 W	1'050 mA	-	3'000 K	> 90	3'500	1'100	Ø162	190	Ø150	1'300

When ordering, please complete the product reference:

- : Secondary Reflector: S= Specular / M= Matt / W= White / B= Black / G= Gold
- : Main Frame: W= White / B= Black / S= Silver / 0= Customized RAL
- * : Protection: 2= IP20 / 5= IP54
- xx: Anti-glare Accessories: 0= None / 1= Honeycomb



**Infinite Square
Wall Washer Frame
Downlight IP20**

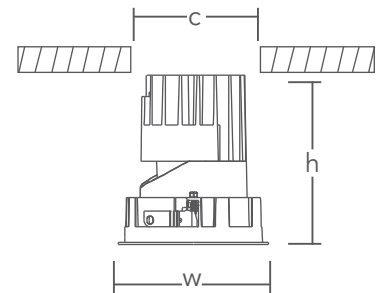


PRODUCT HIGHLIGHTS

- Architectural lighting solution included in the Infinite series of LED downlights
- Uniform light distribution delivering glare-free illumination (UGR<19), & maximum eye comfort
- Discret appearance providing multiple variations of beams, outputs and finishes
- Long service lifetime of 50'000 hours (L90)
- Fixed output LED driver included (plug & play). Dimmable (DALI or 1-10V) driver available upon request
- Interchangeable design (Fixed, Adjustable & Wall Washer)
- Flexibility with multiple shapes & frames
- Simple recessed installation suitable for various ceiling thickness (from 1 mm to 25 mm).
- Excellent thermal management
- High colour consistency (3SDCM). Excellent CRI>90
- Standard CCT: 3'000 K. Available upon request: 2'700 K, 4'000 K, 5'000 K

GENERAL CHARACTERISTICS

Product Name	Infinite Square Wall Washer Frame Downlight IP20
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Reflector PC
LED Brand	CITIZEN™
LED Type	COB
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20

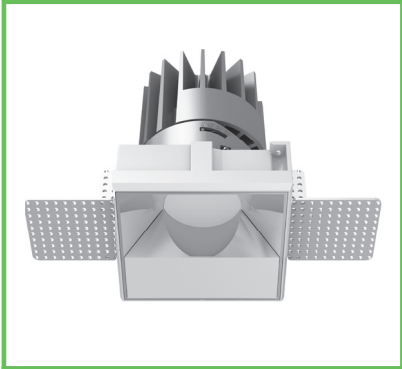


ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	WIDTH (w) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
ISWF10930- □ * xx	18 W	500 mA	-	3'000 K	> 90	1'700	510	107 x 107	128	96 x 96	600
ISWF12930- □ * xx	25 W	700 mA	-	3'000 K	> 90	2'600	650	134 x 134	159	122 x 122	800
ISWF15930- □ * xx	38 W	1'050 mA	-	3'000 K	> 90	3'500	910	159 x 159	190	147 x 147	1'300

When ordering, please complete the product reference:

- : Secondary Reflector: S= Specular / M= Matt / W= White / B= Black / G= Gold
- : Main Frame: W= White / B= Black / S= Silver / 0= Customized RAL
- * : Protection: 2= IP20 / 5= IP54
- xx: Anti-glare Accessories: 0= None / 1= Honeycomb



**Infinite Square
Wall Washer Trimless
Downlight IP20**

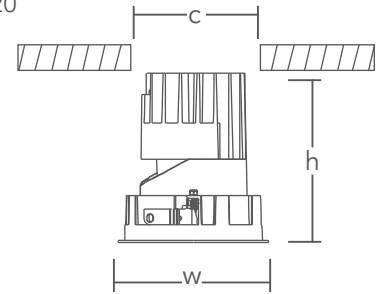


PRODUCT HIGHLIGHTS

- Architectural lighting solution included in the Infinite series of LED downlights
- Uniform light distribution delivering glare-free illumination (UGR<19), & maximum eye comfort
- Discret appearance providing multiple variations of beams, outputs and finishes
- Long service lifetime of 50'000 hours (L90)
- Fixed output LED driver included (plug & play). Dimmable (DALI or 1-10V) driver available upon request
- Interchangeable design (Fixed, Adjustable & Wall Washer)
- Flexibility with multiple shapes & frames
- Simple recessed installation suitable for various ceiling thickness (from 1 mm to 25 mm).
- Excellent thermal management
- High colour consistency (3SDCM). Excellent CRI>90
- Standard CCT: 3'000 K. Available upon request: 2'700 K, 4'000 K, 5'000 K

GENERAL CHARACTERISTICS

Product Name	Infinite Square Wall Washer Trimless Downlight IP20
Energy Efficiency Label	A+
Materials:	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Reflector PC
LED Brand	CITIZEN™
LED Type	COB
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	WIDTH (w) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
ISWT10930- □ * xx	18W	500 mA	-	3'000 K	> 90	1'700	510	107 x 107	128	96 x 96	600
ISWT12930- □ * xx	25W	700 mA	-	3'000 K	> 90	2'600	650	134 x 134	159	122 x 122	800
ISWT15930- □ * xx	38W	1'050 mA	-	3'000 K	> 90	3'500	910	159 x 159	190	147 x 147	1'300

When ordering, please complete the product reference:

- : Secondary Reflector: S= Specular / M= Matt / W= White / B= Black / G= Gold
- : Main Frame: W= White / B= Black / S= Silver / 0= Customized RAL
- * : Protection: 2= IP20 / 5= IP54
- xx: Anti-glare Accessories: 0= None / 1= Honeycomb



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SPX Round Recessed Frame Downlight SPXRF IP44

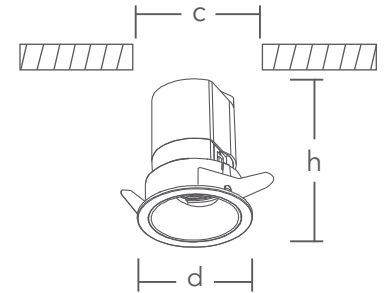


PRODUCT HIGHLIGHTS

- Architectural lighting solution included in the specification series of LED downlights
- Uniform light distribution delivering glare-free illumination (UGR<16), & maximum eye comfort
- Discret appearance providing multiple variations of beams, outputs and finishes
- Dimmable (DALI or 1-10V) driver available upon request
- Interchangeable design (Fixed, Adjustable & Pull Out)
- Smart mechanical design allowing precise tilt angle adjustment up to 30° and 355° rotation
- Simple recessed installation suitable for various ceiling thickness
- Flexibility with multiple shapes & frames
- Long service lifetime of 50'000 hours
- High colour consistency (3SDCM). Excellent CRI>90
- Available upon request: 2'700 K, 3'000 K, 6'000 K

GENERAL CHARACTERISTICS

Product Name	LED SPX Round Recessed Downlight SPXRF IP44
Energy Efficiency Label	A+
Materials	Housing Die-Cast Aluminium
LED Brand	OSRAM™
Service Lifetime	50'000 hours
Power Factor	0.9
Ingress Protection	IP44
IK Rating	IK04
UGR	< 16
SDCM	< 3
Temperature Range	-20° ... +50°C
Operating Frequency	50-60 Hz
Input Voltage	220-240V AC



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)
SPXRF06SP940- □ * xx	7 W	15°	4'000 K	> 90	770	110	Ø 61.6	79.1	Ø 55
SPXRF06FL940- □ * xx	7 W	24°	4'000 K	> 90	770	110	Ø 61.6	79.1	Ø 55
SPXRF06WF940- □ * xx	7 W	38°	4'000 K	> 90	770	110	Ø 61.6	79.1	Ø 55
SPXRF06VW940- □ * xx	7 W	60°	4'000 K	> 90	770	110	Ø 61.6	79.1	Ø 55
SPXRF08VS940- □ * xx	12 W	8°	4'000 K	> 90	1'320	110	Ø 84	100.5	Ø 75
SPXRF08SP940- □ * xx	12 W	15°	4'000 K	> 90	1'320	110	Ø 84	100.5	Ø 75
SPXRF08FL940- □ * xx	12 W	24°	4'000 K	> 90	1'320	110	Ø 84	100.5	Ø 75
SPXRF08WF940- □ * xx	12 W	38°	4'000 K	> 90	1'320	110	Ø 84	100.5	Ø 75
SPXRF08VW940- □ * xx	12 W	60°	4'000 K	> 90	1'320	110	Ø 84	100.5	Ø 75
SPXRF11SP940- □ * xx	20 W	15°	4'000 K	> 90	2'200	110	Ø 110	121.5	Ø 95
SPXRF11FL940- □ * xx	20 W	24°	4'000 K	> 90	2'200	110	Ø 110	121.5	Ø 95
SPXRF11WF940- □ * xx	20 W	38°	4'000 K	> 90	2'200	110	Ø 110	121.5	Ø 95
SPXRF11VW940- □ * xx	20 W	60°	4'000 K	> 90	2'200	110	Ø 110	121.5	Ø 95

When ordering, please complete the product reference:

- : Secondary Reflector: S= Specular / W= White / B= Black
- : Main Frame: W= White / B= Black / 0= Customized RAL
- * : Protection: 2= IP20 / 4= IP44
- xx: Anti-glare Accessories: 0= None / 1= Honeycomb



CREO Light.
Light years ahead.



**SPX Square Recessed Frame Downlight
SPXQF IP44**

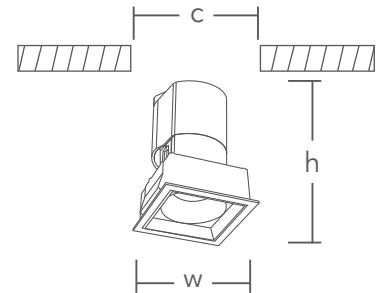


PRODUCT HIGHLIGHTS

- Architectural lighting solution included in the specification series of LED downlights
- Uniform light distribution delivering glare-free illumination (UGR<16), & maximum eye comfort
- Discret appearance providing multiple variations of beams, outputs and finishes
- Dimmable (DALI or 1-10V) driver available upon request
- Interchangeable design (Fixed, Adjustable & Pull Out)
- Adjustable model: smart mechanical design allowing precise tilt angle adjustment up to 30° and 355° rotation
- Simple recessed installation suitable for various ceiling thickness
- Flexibility with multiple shapes & frames
- Long service lifetime of 50'000 hours
- High colour consistency (3SDCM). Excellent CRI>90
- Available upon request: 2'700 K, 3'000 K, 6'000 K

GENERAL CHARACTERISTICS

Product Name	LED SPX Square Recessed Downlight SPXQF P44
Energy Efficiency Label	A+
Materials	Housing Die-Cast Aluminium
LED Brand	OSRAM™
Service Lifetime	50'000 hours
Power Factor	0.9
Ingress Protection	IP44
IK Rating	IK04
UGR	< 16
SDCM	< 3
Temperature Range	-20° ... +50°C
Operating Frequency	50-60 Hz
Input Voltage	220-240V AC



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	WIDTH (W x W) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)
SPXQF06SP940- □ * xx	7 W	15°	4'000 K	> 90	770	110	63.5 x 63.5	87.5	55 x 55
SPXQF06FL940- □ * xx	7 W	24°	4'000 K	> 90	770	110	63.5 x 63.5	87.5	55 x 55
SPXQF06WF940- □ * xx	7 W	38°	4'000 K	> 90	770	110	63.5 x 63.5	87.5	55 x 55
SPXQF06VW940- □ * xx	7 W	60°	4'000 K	> 90	770	110	63.5 x 63.5	87.5	55 x 55
SPXQF08VS940- □ * xx	12 W	8°	4'000 K	> 90	1'320	110	84.5 x 84.5	111.75	55 x 55
SPXQF08SP940- □ * xx	12 W	15°	4'000 K	> 90	1'320	110	84.5 x 84.5	111.75	75 x 75
SPXQF08FL940- □ * xx	12 W	24°	4'000 K	> 90	1'320	110	84.5 x 84.5	111.75	75 x 75
SPXQF08WF940- □ * xx	12 W	38°	4'000 K	> 90	1'320	110	84.5 x 84.5	111.75	75 x 75
SPXQF08VW940- □ * xx	12 W	60°	4'000 K	> 90	1'320	110	84.5 x 84.5	111.75	75 x 75
SPXQF11SP940- □ * xx	20 W	15°	4'000 K	> 90	2'200	110	104.5 x 104.5	137.5	95 x 95
SPXQF11FL940- □ * xx	20 W	24°	4'000 K	> 90	2'200	110	104.5 x 104.5	137.5	95 x 95
SPXQF11WF940- □ * xx	20 W	38°	4'000 K	> 90	2'200	110	104.5 x 104.5	137.5	95 x 95
SPXQF11VW940- □ * xx	20 W	60°	4'000 K	> 90	2'200	110	104.5 x 104.5	137.5	95 x 95

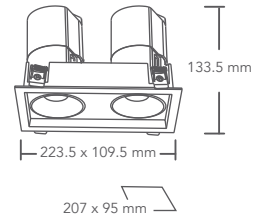
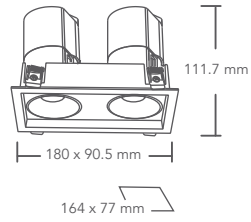
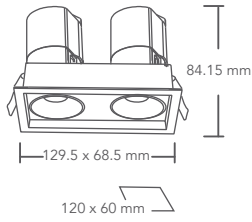
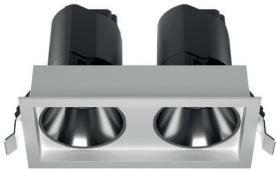
When ordering, please complete the product reference:

- : Secondary Reflector: S= Specular / W= White / B= Black
- : Main Frame: W= White / B= Black / 0= Customized RAL
- * : Protection: 2= IP20 / 4= IP44
- xx: Anti-glare Accessories: 0= None / 1= Honeycomb

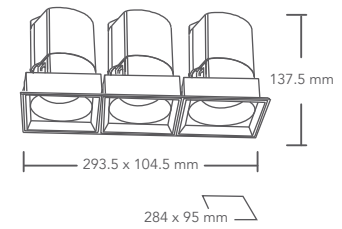
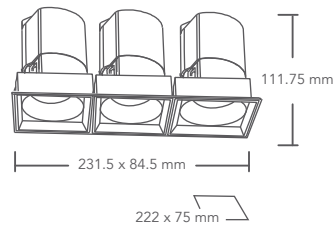
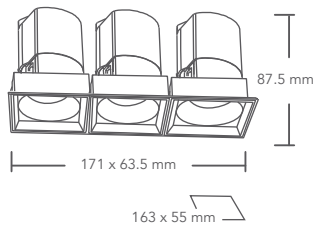


MATRIX FIXTURES

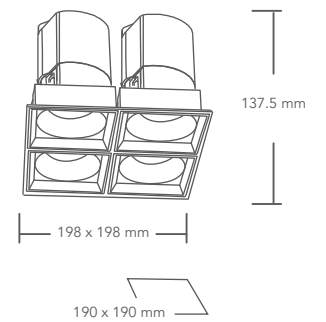
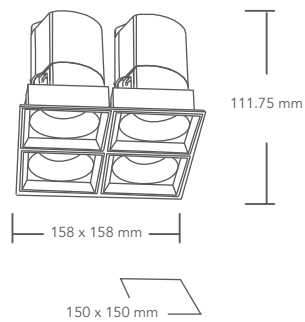
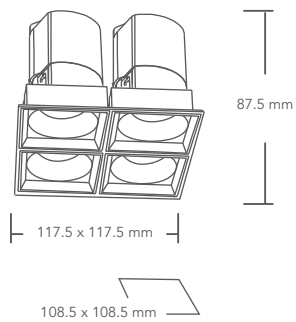
SPXQF M1



SPXQF M2



SPXQF M3





**Spot SPX06
6W 230V WW IP42**



PRODUCT HIGHLIGHTS

- LED Spot SPX06 with consistent colour temperature
- Operates with remote constant current LED driver
- Long service lifetime of 50'000 hours
- Simple recessed installation suitable for various ceiling thickness (from 1 mm and above)
- Uniform light distribution
- No UV or IR emissions. No mercury
- Excellent Colour Rendering (CRI > 90)
- 2'700 K and 4'000 K versions available upon request
- Available in white or black

GENERAL CHARACTERISTICS

Product Name	Spot SPX06 6W 230V WW IP42
Energy Efficiency Label	A
Materials	Body Aluminium
LED Brand	OSRAM™
LED Type	COB
LED Quantity	1 Module
Average Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP42
Dimensions (d x h)	Ø 88 x 50 mm
Cut-Out	Ø 75 mm



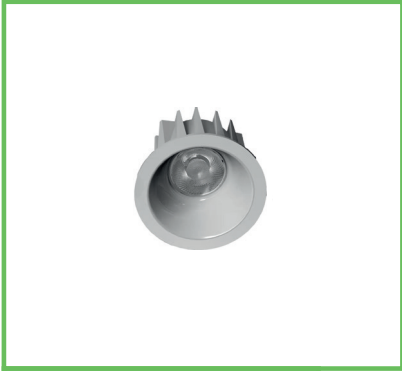
ELECTRICAL CHARACTERISTICS

System Power	6W
Input Voltage	230V AC
Forward Voltage	36V DC
Forward Current	150 mA
Power Factor	0.9



LIGHT CHARACTERISTICS

Product Reference	SPX06FL93042	SPX06WF93042	SPX06VW93042
Beam Angle	24°	36°	50°
Colour Name	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K
CRI	> 90	>90	>90



Spot SPX07
6.5W 230V WW IP65



PRODUCT HIGHLIGHTS

- LED Spot SPX07 with consistent colour temperature
- Operates with remote constant current LED driver
- Long service lifetime of 50'000 hours
- Simple recessed installation suitable for various ceiling thickness (from 1 mm and above)
- Uniform light distribution
- No UV or IR emissions. No mercury
- Excellent Colour Rendering (CRI > 90)
- 2'700 K and 4'000 K versions available upon request
- Available in white or black

GENERAL CHARACTERISTICS

Product Name	Spot SPX07 6.5W 230V WW IP65
Energy Efficiency Label	A
Materials	Body Aluminium
LED Brand	OSRAM™
LED Type	COB
LED Quantity	1 Module
Average Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP65
Dimensions (d x h)	Ø 86 x 90 mm
Cut-Out	Ø 75 mm



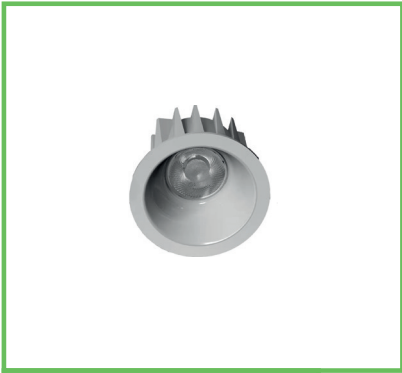
ELECTRICAL CHARACTERISTICS

System Power	6.5W
Input Voltage	230V AC
Forward Voltage	36V DC
Forward Current	160 mA
Power Factor	0.9



LIGHT CHARACTERISTICS

Product Reference	SPX07FL93065	SPX07WF93065	SPX07VW93065
Beam Angle	24°	36°	50°
Colour Name	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K
CRI	> 90	> 90	> 90



Spot SPX12
12W 230V WW IP65



PRODUCT HIGHLIGHTS

- LED Spot SPX12 with consistent colour temperature
- Operates with remote constant current LED driver
- Long service lifetime of 50'000 hours
- Simple recessed installation suitable for various ceiling thickness (from 1 mm and above)
- Uniform light distribution
- No UV or IR emissions. No mercury
- Excellent Colour Rendering (CRI > 90)
- 2'700 K and 4'000 K versions available upon request
- Available in white or black

GENERAL CHARACTERISTICS

Product Name	Spot SPX12 12W 230V WW IP65
Energy Efficiency Label	A
Materials	Body Aluminium
LED Brand	OSRAM™
LED Type	COB
LED Quantity	1 Module
Average Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP65
Dimensions (d x h)	Ø 110 x 100 mm
Cut-Out	Ø 90 mm



ELECTRICAL CHARACTERISTICS

System Power	12W
Input Voltage	230V AC
Forward Voltage	36V DC
Forward Current	300 mA
Power Factor	0.9



LIGHT CHARACTERISTICS

Product Reference	SPX12FL93065	SPX12WF93065	SPX12VW93065
Beam Angle	24°	36°	50°
Colour Name	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K
CRI	> 90	> 90	> 90



PRO Round Recessed Downlight 10 W IP65

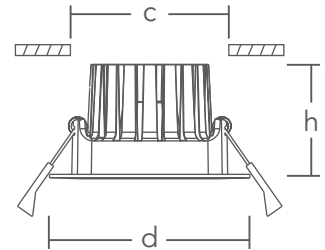


PRODUCT HIGHLIGHTS

- ~ PRO recessed LED downlight suitable for narrow ceiling installations
- ~ Simple spring mounting system, tool-free installation
- ~ Built-out fixed output LED driver included
- ~ Dimmable LED driver available upon request
- ~ Symmetric light distribution with optimum photometric properties
- ~ High colour consistency and excellent CRI (CRI > 80)
- ~ Excellent thermal management
- ~ Long service lifetime of 50'000 hours

GENERAL CHARACTERISTICS

Product Name	LED PRO Round Recessed Downlight 10W IP65
Energy Efficiency Label	A+
Materials	Housing Aluminium Reflector PC
Service Lifetime	40'000 hours
Power Factor	≥ 0.9
Ingress Protection Front	IP65
Temperature Range	-20° ... +50°C
Operating Frequency	50-60 Hz
Input Voltage	220-240V AC



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT	CRI	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
SPRR10WF830	10 W	36°	870	87	3'000K	> 80	Ø 90	49.4	Ø 75 - 80	265
SPRR10VW830	10 W	60°	870	87	3'000K	> 80	Ø 90	49.4	Ø 75 - 80	265
SPRR10WF840	10 W	36°	1'000	100	4'000K	> 80	Ø 90	49.4	Ø 75 - 80	265
SPRR10VW840	10 W	60°	1'000	100	4'000K	> 80	Ø 90	49.4	Ø 75 - 80	265
SPRR10WF865	10 W	36°	970	97	6'500K	> 80	Ø 90	49.4	Ø 75 - 80	265
SPRR10VW865	10 W	60°	970	97	6'500K	> 80	Ø 90	49.4	Ø 75 - 80	265



CREO Light.
Light years ahead.



PRO Slim Round Recessed Downlight DPSRR IP54

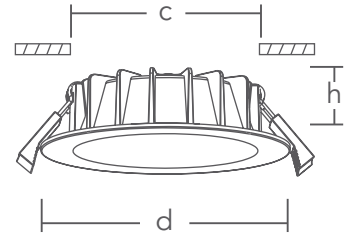


PRODUCT HIGHLIGHTS

- Extremely flat recessed LED downlight
- Simple spring mounting system, tool-free installation
- Remote fixed output LED driver included
- Dimmable LED driver available upon request
- Symmetric light distribution with optimum photometric properties
- Integrated slide switch 3 in 1. Possibility to choose between 3'000K, 4'000K or 6'500K
- High colour consistency
- Long service lifetime of 50'000 hours

GENERAL CHARACTERISTICS

Product Name	LED PRO Slim Round Recessed Downlight DPSRR IP54 / IP20
Energy Efficiency Label	A+
Materials	Housing Aluminium Diffuser Opal PC
LED Type	SMD
Service Lifetime	50'000 hours
Power Factor	0.9
Ingress Protection (Front / Back)	IP54 / IP20
Temperature Range	-20° ... +50°C
Operating Frequency	50-60 Hz
Input Voltage	220-240V AC



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT	CRI	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
DPSRR10VWCCT	10 W	90°	865	87	3 in 1	> 80	Ø 110	30	Ø 90 - 95	250
DPSRR13VWCCT	13 W	90°	1'195	92	3 in 1	> 80	Ø 110	30	Ø 90 - 95	250
DPSRR18VWCCT	18 W	90°	1'730	96	3 in 1	> 80	Ø 145	30	Ø 120 - 130	350
DPSRR25VWCCT	25 W	90°	2'415	97	3 in 1	> 80	Ø 190	30	Ø 160 - 170	500
DPSRR35VWCCT	35 W	90°	3'400	97	3 in 1	> 80	Ø 225	34	Ø 200 - 210	650
DPSRR42VWCCT	42 W	90°	4'095	98	3 in 1	> 80	Ø 225	34	Ø 200 - 210	650



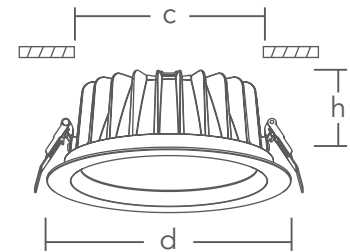
PRO Round Recessed Downlight IP54

PRODUCT HIGHLIGHTS

- ~ PRO recessed LED downlight
- ~ Dimmable LED driver available upon request
- ~ High colour consistency and excellent CRI (CRI > 80)
- ~ Simple spring mounting system, tool-free installation
- ~ Symmetric light distribution with optimum photometric properties
- ~ Long service lifetime of 50'000 hours
- ~ Built-out fixed output LED driver included

GENERAL CHARACTERISTICS

Product Name	LED PRO Round Recessed Downlight IP54
Energy Efficiency Label	A+
Materials	Housing PC / Aluminium Diffuser PC
Service Lifetime	50'000 hours
Power Factor	0.9
Ingress Protection Front	IP54
Temperature Range	-20° ... +50°C
Operating Frequency	50-60 Hz
Input Voltage	220-240V AC



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT	CRI	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
DPRR25FL827	25 W	24°	2'611	104	2'700K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25WF827	25 W	36°	2'611	104	2'700K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25VW827	25 W	45°	2'611	104	2'700K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25VWV827	25 W	60°	2'611	104	2'700K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25FL830	25 W	24°	2'611	104	3'000K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25WF830	25 W	36°	2'611	104	3'000K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25VW830	25 W	45°	2'611	104	3'000K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25VWV830	25 W	60°	2'611	104	3'000K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25FL840	25 W	24°	2'611	104	4'000K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25WF840	25 W	36°	2'611	104	4'000K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25VW840	25 W	45°	2'611	104	4'000K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25VWV840	25 W	60°	2'611	104	4'000K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25FL857	25 W	24°	2'611	104	5'700K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25WF857	25 W	36°	2'611	104	5'700K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25VW857	25 W	45°	2'611	104	5'700K	> 80	Ø 190	75	Ø 160 -170	690
DPRR25VWV857	25 W	60°	2'611	104	5'700K	> 80	Ø 190	75	Ø 160 -170	690



CREO Light.
Light years ahead.



Round Surface Mounted Slim Downlight IP20

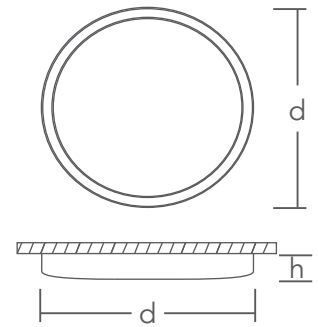


PRODUCT HIGHLIGHTS

- Extremely flat surface mounted LED downlight with a narrow trim
- DAI dimmable LED driver independent remote mounting (optional)
- High colour consistency and excellent CRI (CRI > 80)
- Built-in fixed output LED driver
- Symmetric light distribution with optimum photometric properties
- Long service lifetime of 30'000 hours for luminous flux at 90% of initial value (L90)

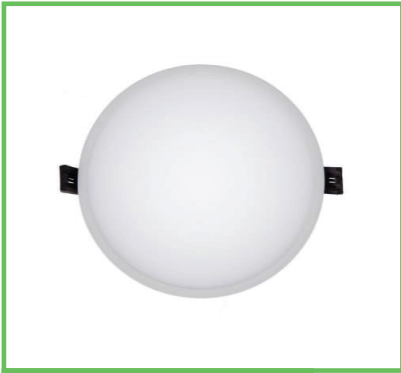
GENERAL CHARACTERISTICS

Product Name	LED Round Surface Mounted Slim Downlight
Energy Efficiency Label	A+
Materials	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Cover Opal PC
Service Lifetime	30'000 hours
Power Factor	0.6
Ingress Protection	IP20



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT (K ± 200)	CRI	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
SLR3S830	8 W	120°	680	85	3'000K	> 80	Ø 90	25	-	149
SLR3S840	8 W	120°	680	85	4'000K	> 80	Ø 90	25	-	149
SLR3S860	8 W	120°	680	85	6'000K	> 80	Ø 90	25	-	149
SLR5S830	16 W	120°	1'380	86	3'000K	> 80	Ø 145	25	-	320
SLR5S840	16 W	120°	1'380	86	4'000K	> 80	Ø 145	25	-	320
SLR5S860	16 W	120°	1'380	86	6'000K	> 80	Ø 145	25	-	320
SLR6S830	24 W	120°	1'900	80	3'000K	> 80	Ø 170	25	-	450
SLR6S840	24 W	120°	1'900	80	4'000K	> 80	Ø 170	25	-	450
SLR6S860	24 W	120°	1'900	80	6'000K	> 80	Ø 170	25	-	450
SLR8S830	30 W	120°	2'600	87	3'000K	> 80	Ø 220	25	-	710
SLR8S840	30 W	120°	2'600	87	4'000K	> 80	Ø 220	25	-	710
SLR8S860	30 W	120°	2'600	87	6'000K	> 80	Ø 220	25	-	710



Round Recessed Slim Downlight IP20

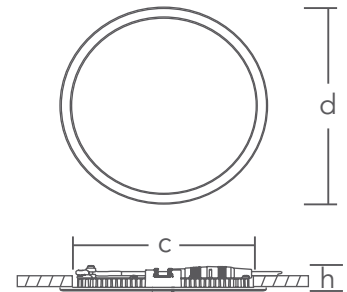


PRODUCT HIGHLIGHTS

- Extremely flat recessed LED downlight with narrow trim
- Simple spring mounting system, tool-free installation
- Built-in fixed output LED driver
- DALI dimmable LED driver independent remote mounting (optional)
- Symmetric light distribution with optimum photometric properties
- High colour consistency and excellent CRI (CRI > 80)
- Long service lifetime of 30'000 hours for luminous flux at 90% of initial value (L90)

GENERAL CHARACTERISTICS

Product Name	LED Round Recessed Slim Downlight
Energy Efficiency Label	A+
Materials	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Cover Opal PC
Service Lifetime	30'000 hours
Power Factor	0.6
Ingress Protection	IP20



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT (K ± 200)	CRI	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
SLR3R830	8 W	120°	680	85	3'000K	> 80	Ø 90	25	Ø 70	111
SLR3R840	8 W	120°	680	85	4'000K	> 80	Ø 90	25	Ø 70	111
SLR3R860	8 W	120°	680	85	6'000K	> 80	Ø 90	25	Ø 70	111
SLR5R830	16 W	120°	1'380	86	3'000K	> 80	Ø 145	25	Ø 130	267
SLR5R840	16 W	120°	1'380	86	4'000K	> 80	Ø 145	25	Ø 130	267
SLR5R860	16 W	120°	1'380	86	6'000K	> 80	Ø 145	25	Ø 130	267
SLR6R830	24 W	120°	1'900	80	3'000K	> 80	Ø 170	25	Ø 140	381
SLR6R840	24 W	120°	1'900	80	4'000K	> 80	Ø 170	25	Ø 140	381
SLR6R860	24 W	120°	1'900	80	6'000K	> 80	Ø 170	25	Ø 140	381
SLR8R830	30 W	120°	2'600	87	3'000K	> 80	Ø 220	25	Ø 200	530
SLR8R840	30 W	120°	2'600	87	4'000K	> 80	Ø 220	25	Ø 200	530
SLR8R860	30 W	120°	2'600	87	6'000K	> 80	Ø 220	25	Ø 200	530



CREO Light.
Light years ahead.



Square Surface Mounted Slim Downlight IP20

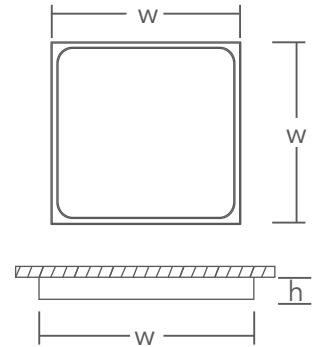


PRODUCT HIGHLIGHTS

- Extremely flat surface mounted LED downlight with a narrow trim
- DALI dimmable LED driver independent remote mounting (optional)
- High colour consistency and excellent CRI (CRI > 80)
- Built-in fixed output LED driver
- Symmetric light distribution with optimum photometric properties
- Long service lifetime of 30'000 hours for luminous flux at 90% of initial value (L90)

GENERAL CHARACTERISTICS

Product Name	LED Square Surface Mounted Slim Downlight
Energy Efficiency Label	A+
Materials	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Cover Opal PC
Service Lifetime	30'000 hours
Power Factor	0.6
Ingress Protection	IP20



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT (K ± 200)	CRI	WIDTH (w) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
SLR3S830	8 W	120°	680	85	3'000K	> 80	90	25	-	189
SLR3S840	8 W	120°	680	85	4'000K	> 80	90	25	-	189
SLR3S860	8 W	120°	680	85	6'000K	> 80	90	25	-	189
SLR5S830	16 W	120°	1'380	86	3'000K	> 80	145	25	-	425
SLR5S840	16 W	120°	1'380	86	4'000K	> 80	145	25	-	425
SLR5S860	16 W	120°	1'380	86	6'000K	> 80	145	25	-	425
SLR6S830	24 W	120°	1'900	80	3'000K	> 80	170	25	-	558
SLR6S840	24 W	120°	1'900	80	4'000K	> 80	170	25	-	558
SLR6S860	24 W	120°	1'900	80	6'000K	> 80	170	25	-	558
SLR8S830	30 W	120°	2'600	87	3'000K	> 80	220	25	-	845
SLR8S840	30 W	120°	2'600	87	4'000K	> 80	220	25	-	845
SLR8S860	30 W	120°	2'600	87	6'000K	> 80	220	25	-	845



CREO Light.
Light years ahead.



Square Recessed Slim Downlight IP20

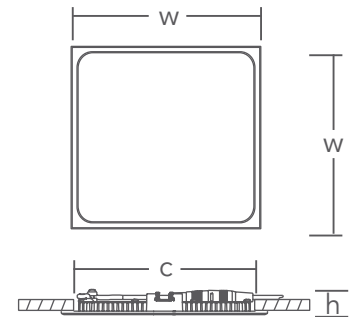


PRODUCT HIGHLIGHTS

- Extremely flat recessed LED downlight with narrow trim
- Simple spring mounting system, tool-free installation
- Built-in fixed output LED driver
- DALI dimmable LED driver independent remote mounting (optional)
- Symmetric light distribution with optimum photometric properties
- High colour consistency and excellent CRI (CRI > 80)
- Long service lifetime of 30'000 hours for luminous flux at 90% of initial value (L90)

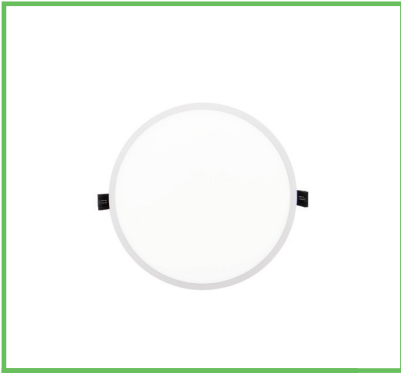
GENERAL CHARACTERISTICS

Product Name	LED Square Recessed Slim Downlight
Energy Efficiency Label	A+
Materials	Trim Die-cast aluminium
	Housing Die-cast aluminium
	Cover Opal PC
Service Lifetime	30'000 hours
Power Factor	0.6
Ingress Protection	IP20



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT (K ± 200)	CRI	WIDTH (w) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
SLQ3R830	8 W	120°	680	85	3'000K	> 80	90	25	70	139
SLQ3R840	8 W	120°	680	85	4'000K	> 80	90	25	70	139
SLQ3R860	8 W	120°	680	85	6'000K	> 80	90	25	70	139
SLQ5R830	16 W	120°	1'380	86	3'000K	> 80	145	25	130	336
SLQ5R840	16 W	120°	1'380	86	4'000K	> 80	145	25	130	336
SLQ5R860	16 W	120°	1'380	86	6'000K	> 80	145	25	130	336
SLQ6R830	24 W	120°	1'900	80	3'000K	> 80	170	25	140	445
SLQ6R840	24 W	120°	1'900	80	4'000K	> 80	170	25	140	445
SLQ6R860	24 W	120°	1'900	80	6'000K	> 80	170	25	140	445
SLQ8R830	30 W	120°	2'600	87	3'000K	> 80	220	25	200	704
SLQ8R840	30 W	120°	2'600	87	4'000K	> 80	220	25	200	704
SLQ8R860	30 W	120°	2'600	87	6'000K	> 80	220	25	200	704



LED Round Recessed Downlight SLR8 IP40

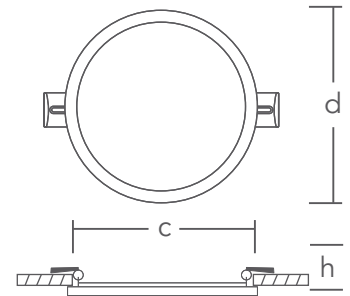


PRODUCT HIGHLIGHTS

- Essentials round recessed LED downlight
- Simple spring mounting system, tool-free installation
- Built-in fixed output LED driver
- High colour consistency and excellent CRI (CRI > 80)
- Symmetric light distribution with optimum photometric properties
- Long service lifetime of 30'000 hours for luminous flux at 90% of initial value (L90)
- No flickering, No RF interference, No UV radiation

GENERAL CHARACTERISTICS

Product Name	LED Round Recessed Downlight SLR8 IP40
Energy Efficiency Label	A
Materials	Housing: Die Cast Aluminum (Available finish: White or Black) Cover: PMMA
Temperature Range	-20° ... +40°C
Service Lifetime	30'000 hours
Ingress Protection	IP40



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT (K ± 200)	CRI	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)
SLR8R83040	20 W	120°	2'000	101	3'000K	> 80	Ø 220	24	Ø 205
SLR8R84040	20 W	120°	2'000	101	4'000K	> 80	Ø 220	24	Ø 205
SLR8R86040	20 W	120°	2'000	101	6'000K	> 80	Ø 220	24	Ø 205



CREO Light.
Light years ahead.



Essentials Round Recessed Downlight ESDL IP44

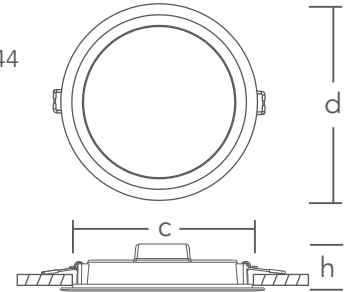


PRODUCT HIGHLIGHTS

- Essentials round recessed LED downlight
- Simple spring mounting system, tool-free installation
- Built-in fixed output LED driver
- High colour consistency and excellent CRI (CRI > 80)
- Symmetric light distribution with optimum photometric properties
- Long service lifetime of 15'000 hours for luminous flux at 90% of initial value (L90)
- No flickering, No RF interference, No UV radiation

GENERAL CHARACTERISTICS

Product Name	LED Essentials Round Recessed Downlight ESDL IP44	
Energy Efficiency Label	A	
Materials	Housing	ABS
	Cover	Opal PC
Service Lifetime	15'000 hours	
Ingress Protection	IP44	



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT (K ± 200)	CRI	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)
ESDL0883044	8 W	100°	775	97	3'000K	> 80	Ø 115	38	Ø 100
ESDL0884044	8 W	100°	775	97	4'000K	> 80	Ø 115	38	Ø 100
ESDL0886544	8 W	100°	775	97	6'500K	> 80	Ø 115	38	Ø 100
ESDL1683044	16 W	100°	1'620	101	3'000K	> 80	Ø 165	38	Ø 150
ESDL1684044	16 W	100°	1'620	101	4'000K	> 80	Ø 165	38	Ø 150
ESDL1686544	16 W	100°	1'620	101	6'500K	> 80	Ø 165	38	Ø 150
ESDL2483044	24 W	100°	2'160	90	3'000K	> 80	Ø 215	38	Ø 200
ESDL2484044	24 W	100°	2'160	90	4'000K	> 80	Ø 215	38	Ø 200
ESDL2486544	24 W	100°	2'160	90	6'500K	> 80	Ø 215	38	Ø 200



Essentials Round Recessed Spotlight ESSP IP20

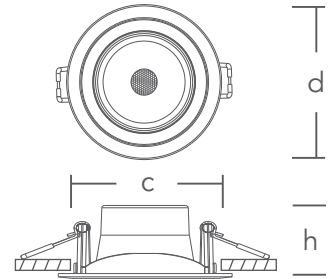


PRODUCT HIGHLIGHTS

- ~ Essentials round recessed LED spotlight
- ~ High colour consistency and excellent CRI (CRI > 90)
- ~ Long service lifetime of 15'000 hours for luminous flux at 90% of initial value (L90)
- ~ Simple spring mounting system, tool-free installation
- ~ Symmetric light distribution with optimum photometric properties
- ~ No flickering, No RF interference, No UV radiation
- ~ Built-in fixed output LED driver

GENERAL CHARACTERISTICS

Product Name	LED Essentials Round Recessed Spotlight ESSP IP20	
Energy Efficiency Label	A	
Materials	Housing	ABS
	Cover	Opal PC
Service Lifetime	15'000 hours	
Ingress Protection	IP20	



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT (K ± 200)	CRI	DIAMETER (d) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)
ESSP06WF930	6 W	36°	540	90	3'000K	> 90	Ø 85	46	Ø 75
ESSP06WF940	6 W	36°	540	90	4'000K	> 90	Ø 85	46	Ø 75
ESSP06WF965	6 W	36°	540	90	6'500K	> 90	Ø 85	46	Ø 75



CREO Light.
Light years ahead.



**Square 595 x 595
40 W Slim Panel G2
IP40**

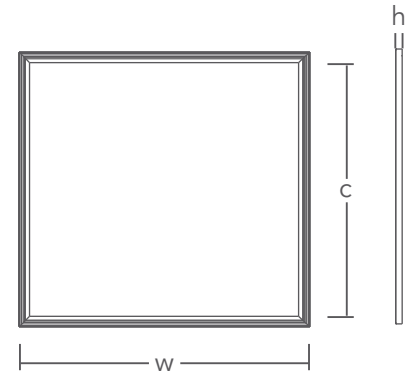


PRODUCT HIGHLIGHTS

- Extremely flat recessed LED slim panel suitable for lay-in installation
- High color consistency and excellent CRI (CRI>80)
- Excellent thermal management
- Long service lifetime of 25'000 hours for luminous flux at 90% of initial value (L90)
- Low glare, light guide plate for uniform and smooth light output beam
- DALI/DSI or 1-10V dimmable LED driver (optional)
- Available accessories: clip-in frame, spring recessing kits, and surface mounted box
- Remote driver included

GENERAL CHARACTERISTICS

Product Name	LED Square 595 x 595 Slim Panel G2
Energy Efficiency Label	A+
Materials	Trim Extruded aluminium
	Housing Aluminium sheet
	Cover Opal color PS
Service Lifetime	25'000 hours
Ingress Protection	IP40



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT (K ± 200)	CRI	WIDTH (w) (mm)	HEIGHT (h) (mm)	CUT-OUT (c) (mm)	WEIGHT (g)
PLQ40WW5959G2	40 W	700 mA	110°	3'400	85	3'000K	>80	595	13	580	230
PLQ40NW5959G2	40 W	700 mA	110°	3'400	85	4'000K	>80	595	13	580	230
PLQ40DL5959G2	40 W	700 mA	110°	3'400	85	6'500K	>80	595	13	580	230



**Square 60 x 60 52W
Backlit Panel G3**

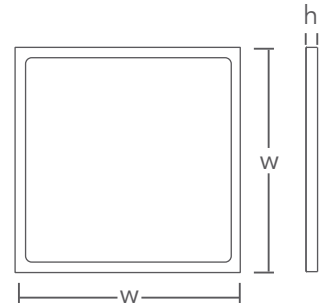


PRODUCT HIGHLIGHTS

- ~ LED 60 x 60 Backlit panel easy & quick installation
- ~ High luminous efficacy and homogenous light distribution
- ~ Energy savings up to 50% compared to conventional luminaires
- ~ Tridonic driver included providing advanced functionality
- ~ DALI or 1-10V dimmable LED driver (optional)
- ~ Excellent thermal management
- ~ High system efficiency up to 80 lm/W and total luminous flux up to 4'200 lm
- ~ High colour consistency with excellent CRI
- ~ Long service lifetime of 25'000 hours for luminous flux at 90% of initial value (L90)

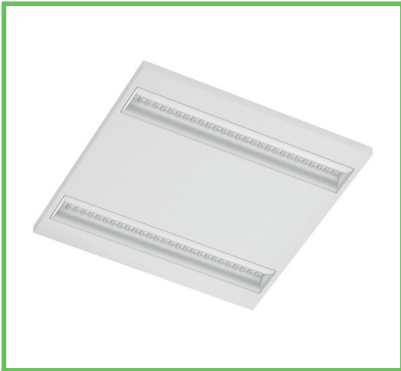
GENERAL CHARACTERISTICS

Product Name	LED Square 60 x 60 Backlit Panel G3
Energy Efficiency Label	A+
Materials	Trim Extruded aluminium
	Housing Aluminium sheet
	Diffuser Polystyrene (PS)
Temperature Range	-20° ...+40°C
Service Lifetime	25'000 hours
Ingress Protection	IP20



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	RATED POWER	FORWARD CURRENT	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT (K ± 200)	CRI	WIDTH (w) (mm)	HEIGHT (h) (mm)	WEIGHT (g)
PLQ52WW5959G3	52W	700 mA	120°	4'200	80	3'000K	>80	595	35	1'400
PLQ52NW5959G3	52W	700 mA	120°	4'200	80	4'000K	>80	595	35	1'400
PLQ52DL5959G3	52W	700 mA	120°	4'200	80	6'500K	>80	595	35	1'400



**Square Low Glare Panel
595 x 595 36W IP20**

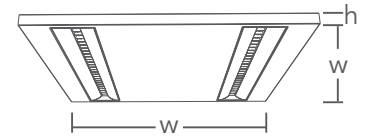


PRODUCT HIGHLIGHTS

- LED 595 x 595 low glare panel easy & quick installation suitable for lay-in installation
- Built-out driver included providing advanced functionality
- Excellent thermal management
- DALI or 0-10V or TRIAC dimmable LED driver (optional)
- High luminous efficacy and homogenous light distribution
- Long service lifetime of 50'000 hours
- High system efficiency up to 112 lm/W and total luminous flux up to 3'920 lm
- Energy savings up to 50% compared to conventional luminaires

GENERAL CHARACTERISTICS

Product Name	Square Low Glare Panel 595 x 595 36W IP20
Energy Efficiency Label	A+
Materials	Housing PC+ABS Optics PC
Temperature Range	-10° ... +50°C
Service Lifetime	50'000 hours
Power Factor	> 0.9
UGR	< 19
Ingress Protection	IP20
Operating Frequency	50-60 Hz
Input Voltage	220-240V AC



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT (K ± 200)	CRI	WIDTH (w) (mm)	HEIGHT (h) (mm)	CUT-OUT (c)(mm)	WEIGHT (g)
PLLQG36WW5959G3	36W	80°	3'923	112	3'000K	> 80	595	23.5	555 x 555	3'500
PLLQG36NW5959G3	36W	80°	3'923	112	4'000K	> 80	595	23.5	555 x 555	3'500
PLLQG36DL5959G3	36W	80°	3'923	112	5'700K	> 80	595	23.5	555 x 555	3'500



CREO Light.
Light years ahead.



**Square Modules Panel
595 x 595 36W IP40**

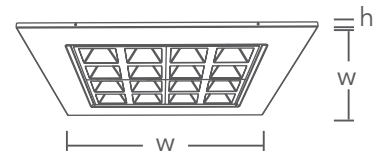


PRODUCT HIGHLIGHTS

- ~ LED 60 x 60 Modules panel easy & quick installation suitable for lay-in installation
- ~ DALI or 0-10V or TRIAC dimmable LED driver (optional)
- ~ High system efficiency up to 104 lm/W and total luminous flux up to 3'755 lm
- ~ Built-out driver included providing advanced functionality
- ~ High luminous efficacy and homogenous light distribution
- ~ Energy savings up to 50% compared to conventional luminaires
- ~ Excellent thermal management
- ~ Long service lifetime of 50'000 hours

GENERAL CHARACTERISTICS

Product Name	LED Square Square Modules Panel 595 X 595 36W IP40
Energy Efficiency Label	A+
Materials	Frame SPCC Modular PC
Temperature Range	-20° ...+40°C
Service Lifetime	50'000 hours
Power Factor	0.9
UGR	< 16
Ingress Protection	IP40
Operating Frequency	50-60 Hz
Input Voltage	220-240V AC



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT (K ± 200)	CRI	WIDTH (w) (mm)	HEIGHT (h) (mm)	WEIGHT (g)
PLQM36WW5959	36W	100°	3'755	104	3'000K	> 80	595	36	2'900
PLQM36NW5959	36W	100°	3'755	104	4'000K	> 80	595	36	2'900
PLQM36DL5959	36W	100°	3'755	104	5'700K	> 80	595	36	2'900



CREO Light.
Light years ahead.



**Cylindrical Surface Mounted Downlight
DCSM0910 15W IP54**

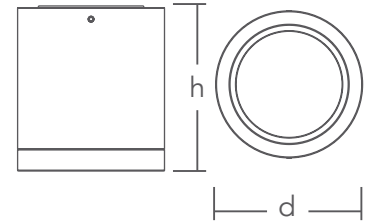


PRODUCT HIGHLIGHTS

- ~ Cylindrical Surface Mounted LED downlight
- ~ Simple surface mounting installation
- ~ Built-in fixed output LED driver included
- ~ Dimmable LED driver available upon request
- ~ Symmetric light distribution with optimum photometric properties
- ~ High colour consistency and excellent CRI (CRI > 80)
- ~ Available in black or white
- ~ Long service lifetime of 40'000 hours

GENERAL CHARACTERISTICS

Product Name	LED Cylindrical Surface Mounted Downlight DCSM0910 15W IP54
Energy Efficiency Label	A+
Materials	Body Aluminium
LED Type	COB
Service Lifetime	40'000 hours
Power Factor	> 0.9
Ingress Protection	IP54
Temperature Range	-20° ... +50°C
Operating Frequency	50-60 Hz
Input Voltage	100-240V AC



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT	CRI	DIAMETER (d) (mm)	HEIGHT (h) (mm)	WEIGHT (g)
DCSM0910VW827	15 W	60°	1'300	87	3'000K	> 80	Ø 90	100	520
DCSM0910VW830	15 W	60°	1'470	98	4'000K	> 80	Ø 90	100	520
DCSM0910VW840	15 W	60°	1'580	105	5'700K	> 80	Ø 90	100	520
DCSM0910VW850	15 W	60°	1'600	106	3'000K	> 80	Ø 90	100	520



CREO Light.
Light years ahead.



**Cylindrical Surface Mounted Downlight
DCSM1211 25W IP54**

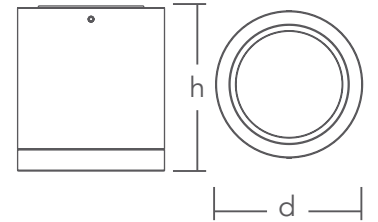


PRODUCT HIGHLIGHTS

- ~ Cylindrical Surface Mounted LED downlight
- ~ Dimmable LED driver available upon request
- ~ High colour consistency and excellent CRI (CRI > 80)
- ~ Simple surface mounting installation
- ~ Symmetric light distribution with optimum photometric properties
- ~ Available in black or white
- ~ Built-in fixed output LED driver included
- ~ Long service lifetime of 40'000 hours

GENERAL CHARACTERISTICS

Product Name	LED Cylindrical Surface Mounted Downlight DCSM1211 25W IP54
Energy Efficiency Label	A+
Materials	Body Aluminium
LED Type	COB
Service Lifetime	40'000 hours
Power Factor	> 0.9
Ingress Protection	IP54
Temperature Range	-20° ... +50°C
Operating Frequency	50-60 Hz
Input Voltage	100-240V AC



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT	CRI	DIAMETER (d) (mm)	HEIGHT (h) (mm)	WEIGHT (g)
DCSM1211FL827	25 W	24°	2'050	82	2'700K	> 80	Ø 120	110	750
DCSM1211WF827	25 W	45°	2'050	82	2'700K	> 80	Ø 120	110	750
DCSM1211VW827	25 W	60°	2'050	82	2'700K	> 80	Ø 120	110	750
DCSM1211FL830	25 W	24°	2'850	114	3'000K	> 80	Ø 120	110	750
DCSM1211WF830	25 W	45°	2'850	114	3'000K	> 80	Ø 120	110	750
DCSM1211VW830	25 W	60°	2'850	114	3'000K	> 80	Ø 120	110	750
DCSM1211FL840	25 W	24°	2'950	118	4'000K	> 80	Ø 120	110	750
DCSM1211WF840	25 W	45°	2'950	118	4'000K	> 80	Ø 120	110	750
DCSM1211VW840	25 W	60°	2'950	118	4'000K	> 80	Ø 120	110	750
DCSM1211FL850	25 W	24°	3'070	122	5'000K	> 80	Ø 120	110	750
DCSM1211WF850	25 W	45°	3'070	122	5'000K	> 80	Ø 120	110	750
DCSM1211VW850	25 W	60°	3'070	122	5'000K	> 80	Ø 120	110	750



**Ceiling Surface Mounted Fixture
CLSM2818 3CCT IP65**

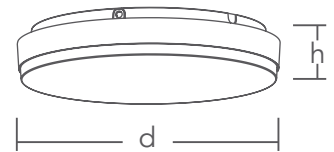


PRODUCT HIGHLIGHTS

- ~ Surface Mounted Ceiling LED fixture for damp environments and covered exterior areas
- ~ Chemically resistant against alcohol, ethanol and hydrogen peroxide
- ~ Integrated slide switch 3 in 1. Possibility to choose between 3'000K, 4'000K or 6'500K
- ~ High luminous efficacy up to 83 lm/w
- ~ Areas of application: Indoor and outdoor locations, Industrial and storage facilities, Car parks and underpasses, Garages, Workshops and assembly lines
- ~ 3 years guarantee

GENERAL CHARACTERISTICS

Product Name	LED Ceiling Surface Mounted Fixture CLSM2818 3CCT IP65	
Energy Efficiency Label	A+	
Materials	Housing	PC and ABS
	Cover	Opal PC
Service Lifetime	20'000 hours	
Power Factor	≥ 0.9	
Ingress Protection	IP65	
IK Rating	IK06	
Temperature Range	-20° ... +50°C	
Dimensions (d x h)	Ø 280 x 55 mm	



ELECTRICAL CHARACTERISTICS

System Power	18W
Input Voltage	220-240V AC
Operating Frequency	50-60 Hz



LIGHT CHARACTERISTICS

Product Reference	CLSM2818
Luminous Flux	1'500 lm
Luminous Efficiency	83 lm/W
Beam Angle	120°
Colour Temperature (CCT)	3 in 1
CRI	> 80



CREO Light.
Light years ahead.



**Track Light
TL0612 IP20**

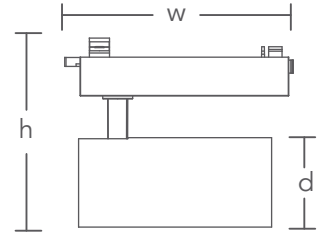


PRODUCT HIGHLIGHTS

- High quality LED Track Light providing symmetric light distribution with maximum efficiency and optimum photometric properties
- Compatible with EU standard tracks from Global, Stucchi
- Standard CCT: 3'000 K and 4'000 K (Optional 2'700K and 5'000K)
- High system efficiency up to 120 lm/W and total luminous flux up to 2'400 lm
- Integrated in-track driver with fixed output, DALI and Bluetooth dimming
- Different beam angle available
- Long service lifetime of 50'000 hours
- Excellent Colour Rendering Index CRI > 90 (Optional 80)
- Available in white, black or silver

GENERAL CHARACTERISTICS

Product Name	TL0612
Energy Efficiency Label/Reel	A+
Materials:	Housing Aluminium Reflector Aluminium
LED Type	COB
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	INPUT VOLTAGE	OPERATING FREQUENCY	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	DIAMETER (d) (mm)	HEIGHT (h) (mm)	WIDTH (w) (mm)
TL0612SP930	20 W	220-240V	50-60 Hz	16°	3'000 K	> 90	2'400	6'223	Ø 60	127	153
TL0612FL930	20 W	220-240V	50-60 Hz	26°	3'000 K	> 90	2'400	3'543	Ø 60	127	153
TL0612WF930	20 W	220-240V	50-60 Hz	36°	3'000 K	> 90	2'400	2'330	Ø 60	127	153
TL0612SP940	20 W	220-240V	50-60 Hz	16°	4'000 K	> 90	2'400	6'223	Ø 60	127	153
TL0612FL940	20 W	220-240V	50-60 Hz	26°	4'000 K	> 90	2'400	3'543	Ø 60	127	153
TL0612WF940	20 W	220-240V	50-60 Hz	36°	4'000 K	> 90	2'400	2'330	Ø 60	127	153



**Track Spotlight
TL0615 IP20**

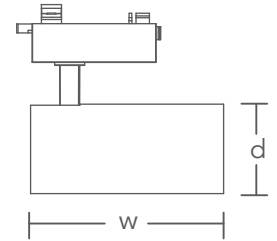


PRODUCT HIGHLIGHTS

- ~ Track Spot Light for GU10 directional lamps
- ~ Recommended for public areas such as receptions, lobbies, living area, offices, restaurants...
- ~ Available in white or black
- ~ Compatible with EU standard tracks from Global, Stucchi

GENERAL CHARACTERISTICS

Product Name	Track Spotlight TL0615
Base	GU10
Materials:	Housing Aluminium Reflector Aluminium
Ingress Protection	IP20
Dimensions (d x w x h)	Ø 60 x 150 mm





**Track Light
DZN IP20**

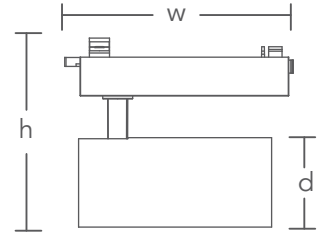


PRODUCT HIGHLIGHTS

- High quality LED Track Light providing symmetric light distribution with maximum efficiency and optimum photometric properties
- Compatible with EU standard tracks from Global, Stucchi
- Standard CCT: 3'000 K and 4'000 K (Optional 2'700K and 5'000K)
- High system efficiency up to 120 lm/W and total luminous flux up to 2'400 lm
- Integrated in-track driver with fixed output, DALI and Bluetooth dimming
- Different beam angle available
- Excellent Colour Rendering Index CRI > 90 (Optional 80)
- Long service lifetime of 50'000 hours
- Available in white, black or silver

GENERAL CHARACTERISTICS

Product Name	DZNTL
Energy Efficiency Label/Reel	A+
Materials:	Housing Aluminium Reflector Aluminium
LED Type	COB
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	INPUT VOLTAGE	OPERATING FREQUENCY	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS INTENSITY (cd)	DIAMETER (d) (mm)	HEIGHT (h) (mm)
DZN20SP930	20 W	220-240V	50-60 Hz	15°	3'000 K	> 90	2'000	5'834	Ø 70	145
DZN20FL930	20 W	220-240V	50-60 Hz	24°	3'000 K	> 90	2'000	3'270	Ø 70	145
DZN20WF940	20 W	220-240V	50-60 Hz	36°	3'000 K	> 90	2'000	2'330	Ø 70	145
DZN20SP940	20 W	220-240V	50-60 Hz	15°	4'000 K	> 90	2'000	5'834	Ø 70	145
DZN20FL940	20 W	220-240V	50-60 Hz	24°	4'000 K	> 90	2'000	3'270	Ø 70	145
DZN20WF930	20 W	220-240V	50-60 Hz	36°	4'000 K	> 90	2'000	2'330	Ø 70	145
DZN30SP930	30 W	220-240V	50-60 Hz	15°	3'000 K	> 90	3'000	8'751	Ø 80	150
DZN30FL930	30 W	220-240V	50-60 Hz	24°	3'000 K	> 90	3'000	4'905	Ø 80	150
DZN30WF940	30 W	220-240V	50-60 Hz	36°	3'000 K	> 90	3'000	3'495	Ø 80	150
DZN30SP940	30 W	220-240V	50-60 Hz	15°	4'000 K	> 90	3'000	8'751	Ø 80	150
DZN30FL940	30 W	220-240V	50-60 Hz	24°	4'000 K	> 90	3'000	4'905	Ø 80	150
DZN30WF930	30 W	220-240V	50-60 Hz	36°	4'000 K	> 90	3'000	3'495	Ø 80	150



**Track Light
TLZ Black IP20**

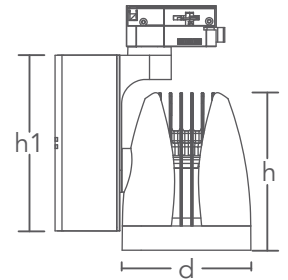


PRODUCT HIGHLIGHTS

- ~ High quality LED Track Light providing symmetric light distribution with maximum efficiency and optimum photometric properties
- ~ LED light engine compliant with ZHAGA interface specification Book 3
- ~ Dimmable with Tridonic™ LCA drivers
- ~ Excellent Colour Rendering Index CRI > 80 (Optional 90, 95, 98)
- ~ Standard CCT: 3'000 K and 4'000 K
- ~ Different beam angle available
- ~ Compatible with EU standard tracks from Global, Stucchi
- ~ Long service lifetime of 50'000 hours (L80F10)
- ~ Available in white or matt black

GENERAL CHARACTERISTICS

Product Name	TLZ
Energy Efficiency Label	A+
Materials:	Housing Aluminium Reflector Aluminium
LED Brand	TRIDONIC™
LED Type	COB (G7-17)
LED Quantity	1 Module
Service Lifetime	50'000 hours
Ingress Protection	IP20



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product reference	RATED POWER	FORWARD CURRENT	OPERATING FREQUENCY	BEAM ANGLE	CCT	CRI	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	DIAMETER (d) (mm)	HEIGHT (h) (mm)	HEIGHT (h1) (mm)
TLZ1108WF830B	25 W	700 mA	50-60 Hz	36°	3'000 K	> 80	3'730	149	Ø 85	110	120
TLZ1108WF840B	25 W	700 mA	50-60 Hz	36°	4'000 K	> 80	3'845	154	Ø 85	110	120
TLZ1310WF830B	37 W	1'050 mA	50-60 Hz	36°	3'000 K	> 80	5'690	154	Ø 106	130	152
TLZ1310WF840B	37 W	1'050 mA	50-60 Hz	36°	4'000 K	> 80	5'930	160	Ø 106	130	152
TLZ1511WF830B	49 W	1'400 mA	50-60 Hz	36°	3'000 K	> 80	7'710	157	Ø 110	150	167
TLZ1511WF840B	49 W	1'400 mA	50-60 Hz	36°	4'000 K	> 80	8'040	164	Ø 110	150	167



CREO Light.
Light years ahead.



**Mirror Light
MIR IP44**

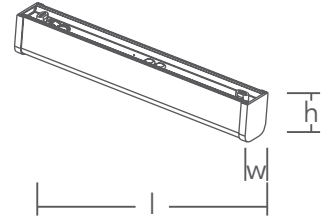


PRODUCT HIGHLIGHTS

- ~ Mirror LED light
- ~ Easy to install and to dismantle
- ~ Built-in fixed output LED driver included
- ~ Symmetric light distribution with optimum photometric properties
- ~ Optional sensor for MIR6006 and MIR9006
- ~ High colour consistency and excellent CRI (CRI > 80)
- ~ Long service lifetime of 50'000 hours

GENERAL CHARACTERISTICS

Product Name	LED Mirror Light MIR IP44
Energy Efficiency Label	A+
Materials	Housing PC Optics PC
LED Type	SMD2835
Service Lifetime	50'000 hours
Power Factor	0.9
Ingress Protection	IP44
Temperature Range	-20° ... +50°C
Operating Frequency	50-60 Hz
Input Voltage	200-240V AC
Sensor	Microwave sensor (optional for MIR6006 and MIR9006)



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT	CRI	LENGTH (l) (mm)	WIDTH (w) (mm)	HEIGHT (h) (mm)	WEIGHT (g)
MIR4806VW830	8 W	150°	975	122	3'000K	> 80	480	61	77.5	450
MIR4806VW840	8 W	150°	975	122	4'000K	> 80	480	61	77.5	450
MIR4806VW857	8 W	150°	975	122	5'700K	> 80	480	61	77.5	450
MIR6006VW830	10 W	150°	1'220	122	3'000K	> 80	600	61	77.5	620
MIR6006VW840	10 W	150°	1'220	122	4'000K	> 80	600	61	77.5	620
MIR6006VW857	10 W	150°	1'220	122	5'700K	> 80	600	61	77.5	620
MIR9006VW830	15 W	150°	1'823	122	3'000K	> 80	900	61	77.5	820
MIR9006VW840	15 W	150°	1'823	122	4'000K	> 80	900	61	77.5	820
MIR9006VW857	15 W	150°	1'823	122	5'700K	> 80	900	61	77.5	820



**Oval Bulkhead Surface Mounted Fixture
BOSM 3CCT IP54**



PRODUCT HIGHLIGHTS

- ~ Wall bulkhead LED fixture for damp environments and covered exterior areas
- ~ Simple assembly of diffuser and housing after electrical connection
- ~ Chemically resistant against alcohol, ethanol and hydrogen peroxide
- ~ Possibility to choose between 3'000K, 4'000K or 6'500K
- ~ High luminous efficacy up to 70 lm/w
- ~ Areas of application: Industrial and storage facilities, Car parks and underpasses, Garages, Workshops and assembly lines
- ~ 3 years guarantee

GENERAL CHARACTERISTICS

Product Name	LED Oval Bulkhead Surface Mounted Fixture BOSM 3CCT IP54
Energy Efficiency Label	A+
Materials	Housing PC and ABS Cover Opal PC
Service Lifetime	20'000 hours
Power Factor	> 0.5
Ingress Protection	IP54
Temperature Range	-20° ... +50°C
Operating Frequency	50-60 Hz
Input Voltage	220-240V AC



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT	LENGTH (l) (mm)	WIDTH (w) (mm)	HEIGHT (h) (mm)	INSTALLATION (mm)
BOSM1806CCT	6 W	120°	420 lm	70	3 in 1	180	98.5	42	140
BOSM1808CCT	8 W	120°	560 lm	70	3 in 1	180	98.5	42	140
BOSM2112CCT	12 W	120°	840 lm	70	3 in 1	210	105	42	167.5
BOSM2114CCT	14 W	120°	980 lm	70	3 in 1	210	105	42	167.5



**LED Round Bulkhead
BHR WW IP54**

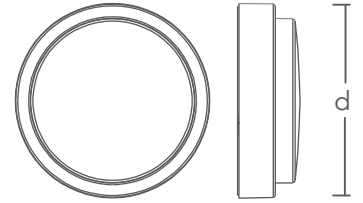


PRODUCT HIGHLIGHTS

- Efficient substitution of bulkheads luminaires
- High system efficiency reaching 70 lm/W
- Built-in fixed output LED driver
- 2'700 K, 4'000 K & 6'500 K versions available upon request
- Easy installation with standard tools
- Uniform light distribution
- No UV or IR emissions
- Long service lifetime of 25'000 hours

GENERAL CHARACTERISTICS

Product Name	LED Round Bulkhead BHR WW IP54
Energy Efficiency Label	A
Materials	Body PC / ABS Cover PC
Service Lifetime	25'000 hours
Start Time from 0% to 100%	0.5 sec
Mercury Content	0.0 mg
Operating Temp. Range	-20°C ... +50°C
Ingress Protection	IP54



— d — | — h —



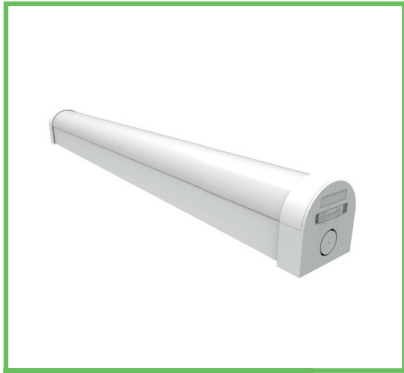
ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	BHR1506 6W/WW/IP54	BHR1508 8W/WW/IP54
System Power	6W	8W
Operating Voltage	220-240V	220-240V
Power Factor	> 0.5	> 0.5
Luminous Flux	420 lm	560 lm
Luminous Efficiency	70 lm/W	70 lm/W
Beam Angle	120°	120°
Colour name	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K
Dimensions (d x h)	Ø 150 x 48 mm	Ø 150 x 48 mm

Product Reference	BHR1912 12W/WW/IP54	BHR1914 14W/WW/IP54
System Power	12W	14W
Operating Voltage	220-240V	220-240V
Power Factor	> 0.5	> 0.5
Luminous Flux	840 lm	980 lm
Luminous Efficiency	70 lm/W	70 lm/W
Beam Angle	120°	120°
Colour name	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K
Dimensions (d x h)	Ø 190 x 48 mm	Ø 190 x 48 mm



CREO Light.
Light years ahead.



**Surface Mounted
Batten Fixture
BSMF IP20**



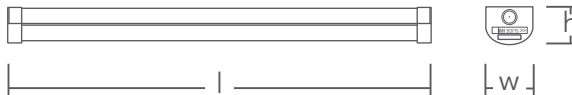
PRODUCT HIGHLIGHTS

- ~ Ceiling and wall LED fixture
- ~ High luminous efficacy up to 120 lm/W
- ~ Diffuser made of impact-resistant and UV-resistant polycarbonate
- ~ Chemically resistant against alcohol, ethanol and hydrogen peroxide
- ~ 3CCT Fixture with DIP switch: 3'000 K, 4'000 K, and 6'500 K
- ~ Simple assembly of diffuser and housing after electrical connection
- ~ Areas of application: Industrial and storage facilities, Indoor car parks and underpasses, Garages, Workshops and assembly lines
- ~ 5 years guarantee
- ~ Fixture is also available with emergency light, sensors or dimmable drivers



GENERAL CHARACTERISTICS

Product Name	LED Surface Mounted Batten Fixture BSMF IP20
Energy Efficiency Label	A+
Materials	Housing Metal Cover PC
Service Lifetime	50'000 hours
Ingress Protection	IP20
Temperature Range	-20° ... +50°C
Input Voltage	220-240V AC
Operating Frequency	50-60 Hz
Power Factor	> 0.9



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT	CRI	LENGTH (l) (mm)	WIDTH (w) (mm)	HEIGHT (h) (mm)
BSMF1020CCT	10-20 W	120°	1'200 lm 2'400 lm	120	3 in 1	> 80	600	63.5	65
BSMF2040CCT	20-40 W	120°	2'400 lm 4'800 lm	120	3 in 1	> 80	1'200	63.5	65
BSMF3060CCT	30-60 W	120°	3'600 lm 7'200 lm	120	3 in 1	> 80	1'500	63.5	65
BSMF4075CCT	40-75 W	120°	4'800 lm 9'000 lm	120	3 in 1	> 80	1'800	63.5	65



Highbay 1X
56W 220V W IP65



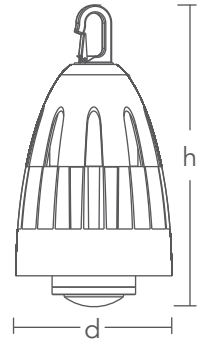
PRODUCT HIGHLIGHTS

- Efficient substitution of high bay luminaires with an esthetic design
- Standard CCT: 5'000 K. Available upon request: 3'000 K, 4'000 K
- High system efficiency reaching 105 lm/W
- High flux CREE™ COB (CXA3050) included
- Dimmable LED driver available upon request
- Fixed output TRIDONIC™ LED control gear included
- Aluminium housing with powder coated finish
- Excellent thermal management
- Shatter proof resistant
- Long service lifetime of 50'000 hours



GENERAL CHARACTERISTICS

Product Reference	HB1X056WFL750
Dimmable	No (Yes, upon request)
Energy Efficiency Label	A+
Materials	Body: Die-cast aluminium Lens: PC
LED Type	CREE™ COB CXA3050
LED Quantity	1
Service Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Operating Temp. Range	-20°C...+40°C
Ingress Protection	IP65
Dimensions (d x h)	Ø 200 x 389 mm
Weight	3'500 g



ELECTRICAL CHARACTERISTICS

Rated Power	56 W
Operating Frequency	50-60 Hz
Input Voltage	220-240V
Power Factor	0.97



LIGHT CHARACTERISTICS

Luminous Flux	5'815 lm
Luminous Efficiency	105 lm/W
Luminous Intensity	18'765 cd
Beam Angle	36°
Colour Name	White
Colour Temperature (CCT)	5'000 K
CRI	> 75

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	0.62	18'765
2.0	1.22	4'691
3.0	1.83	2'085
4.0	2.45	1'173
6.0	3.65	521



Highbay 3X
169W 220V W IP65



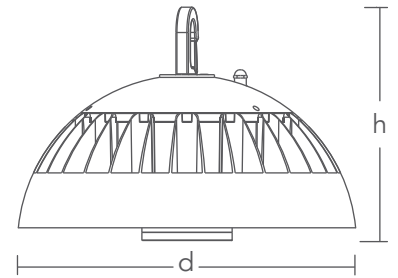
PRODUCT HIGHLIGHTS

- Efficient substitution of high bay luminaires with an esthetic design
- Standard CCT: 5'000 K. Available upon request: 3'000 K, 4'000 K
- High system efficiency reaching 102 lm/W
- High flux CREE™ COB (CXA3050) included
- Dimmable LED driver available upon request
- Fixed output TRIDONIC™ LED control gear included
- Aluminium housing with powder coated finish
- Excellent thermal management
- Shatter proof resistant
- Long service lifetime of 50'000 hours



GENERAL CHARACTERISTICS

Product Reference	HB3X169WFL750
Dimmable	No (Yes, upon request)
Energy Efficiency Label	A+
Materials	Body: Die-cast aluminium Lens: PC
LED Type	CREE™ COB CXA3050
LED Quantity	3
Service Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Operating Temp. Range	-20°C...+40°C
Ingress Protection	IP65
Dimensions (d x h)	Ø 400 x 304 mm
Weight	8'000 g



ELECTRICAL CHARACTERISTICS

Rated Power	169 W
Operating Frequency	50-60 Hz
Input Voltage	220-240V
Power Factor	0.97



LIGHT CHARACTERISTICS

Luminous Flux	17'220 lm
Luminous Efficiency	102 lm/W
Luminous Intensity	56'136 cd
Beam Angle	36°
Colour Name	White
Colour Temperature (CCT)	5'000 K
CRI	> 75

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	0.60	56'136
2.0	1.19	14'034
3.0	1.77	6'237
4.0	2.36	3'509
6.0	3.52	1'560



**Highbay B-Bolt
100W NW IP65**



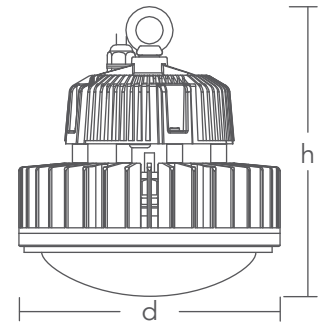
PRODUCT HIGHLIGHTS

- Efficient substitution of high bay luminaires with an esthetic design
- High system efficiency reaching 135 lm/W
- Reflectors in aluminium (60° and 90°) and in PC available upon request
- High flux Nichia™ LED included
- Fixed output/ 1-10V dimmable LED control gear included
- Pure aluminium cold forged heatsink housing with robust powder coated finish
- Excellent thermal management
- Robust against shock. Shatter proof resistant
- Standard CCT: 4'000 K. Available upon request: 3'000 K, 5'700 K and 6'500 K
- Long service lifetime of 40'000 hours



GENERAL CHARACTERISTICS

Product Reference	HBTH100135840D
Dimmable	Yes
Energy Efficiency Label	A++
Materials	Housing: Pure aluminium cold forged Lens: PC
LED Type	NICHIA™ SMD 3030 (757G)
LED Quantity	Module of 168 LEDs
Service Lifetime	40'000 hours @ 50°C ambient
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Operating Temp. Range	-40°C...+50°C
Ingress Protection	IP65
Dimensions (d x h)	Ø 200 x 210 mm
Weight	2'800 g



ELECTRICAL CHARACTERISTICS

Rated Power	100 W
Operating Frequency	50-60 Hz
Input Voltage	90-305V AC
Power Factor	> 0.95



LIGHT CHARACTERISTICS

Luminous Flux	13'500 lm
Luminous Efficiency	135 lm/W
Luminous Intensity	4'172 cd
Beam Angle	120°
Colour Name	Neutral White
Colour Temperature (CCT)	4'000 K
CRI	> 80

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	2.81	4'172
2.0	5.62	1'043
3.0	8.43	464
4.0	11.25	261
8.0	22.48	65

Reports:

UL / DLC / TUV / SAA / PSE / LM-80 / LM-79



**Highbay B-Bolt
150W NW IP65**



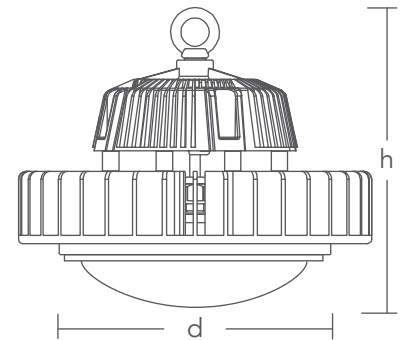
PRODUCT HIGHLIGHTS

- Efficient substitution of high bay luminaires with an esthetic design
- High system efficiency reaching 135 lm/W
- Reflectors in aluminium (60° and 90°) and in PC available upon request
- High flux Nichia™ LED included
- Fixed output/ 1-10V dimmable LED control gear included
- Pure aluminium cold forged heatsink housing with robust powder coated finish
- Excellent thermal management
- Robust against shock. Shatter proof resistant
- Standard CCT: 4'000 K. Available upon request: 3'000 K, 5'700 K and 6'500 K
- Long service lifetime of 40'000 hours



GENERAL CHARACTERISTICS

Product Reference	HBTH150202840D
Dimmable	Yes
Energy Efficiency Label	A++
Materials	Housing: Pure aluminium cold forged Lens: PC
LED Type	NICHIA™ SMD 3030 (757G)
LED Quantity	Module of 224 LEDs
Service Lifetime	40'000 hours @ 50°C ambient
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Operating Temp. Range	-40°C...+50°C
Ingress Protection	IP65
Dimensions (d x h)	Ø 260 x 208 mm
Weight	4'500 g



ELECTRICAL CHARACTERISTICS

Rated Power	150 W
Operating Frequency	50-60 Hz
Input Voltage	90-305V AC
Power Factor	> 0.95



LIGHT CHARACTERISTICS

Luminous Flux	20'250 lm
Luminous Efficiency	135 lm/W
Luminous Intensity	6'353 cd
Beam Angle	120°
Colour Name	Neutral White
Colour Temperature (CCT)	4'000 K
CRI	> 80

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	2.77	6'353
2.0	5.54	1'588
3.0	8.31	706
4.0	11.08	397
8.0	22.16	99

Reports:

UL / DLC / TUV / SAA / PSE / LM-80 / LM-79



**Highbay B-Bolt
200W NW IP65**

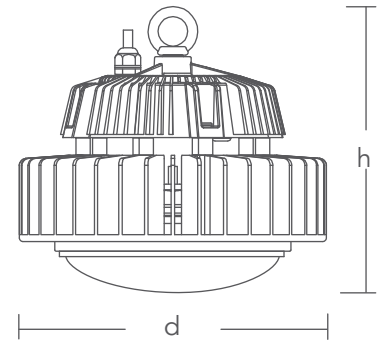


PRODUCT HIGHLIGHTS

- Efficient substitution of high bay luminaires with an esthetic design
- High system efficiency reaching 135 lm/W
- Reflectors in aluminium (60° and 90°) and in PC available upon request
- High flux Nichia™ LED included
- Fixed output/ 1-10V dimmable LED control gear included
- Pure aluminium cold forged heatsink housing with robust powder coated finish
- Excellent thermal management
- Robust against shock. Shatter proof resistant
- Standard CCT: 4'000 K. Available upon request: 3'000 K, 5'700 K and 6'500 K
- Long service lifetime of 40'000 hours

GENERAL CHARACTERISTICS

Product Reference	HBTH200270840D
Dimmable	Yes
Energy Efficiency Label	A++
Materials	Housing: Pure aluminium cold forged Lens: PC
LED Type	NICHIA™ SMD 3030 (757G)
LED Quantity	Module of 350 LEDs
Service Lifetime	40'000 hours @ 50°C ambient
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Operating Temp. Range	-40°C...+50°C
Ingress Protection	IP65
Dimensions (d x h)	Ø 235 x 260 mm
Weight	5'700 g



ELECTRICAL CHARACTERISTICS

Rated Power	200 W
Operating Frequency	50-60 Hz
Input Voltage	90-305V AC
Power Factor	> 0.95



LIGHT CHARACTERISTICS

Luminous Flux	27'000 lm
Luminous Efficiency	135 lm/W
Luminous Intensity	8'775 cd
Beam Angle	120°
Colour Name	Neutral White
Colour Temperature (CCT)	4'000 K
CRI	> 80

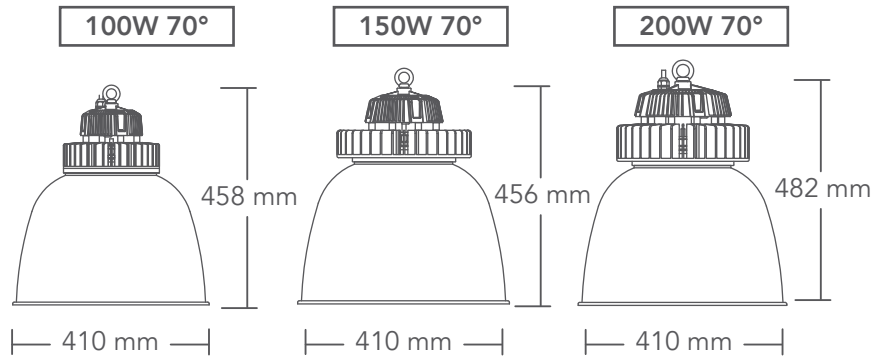
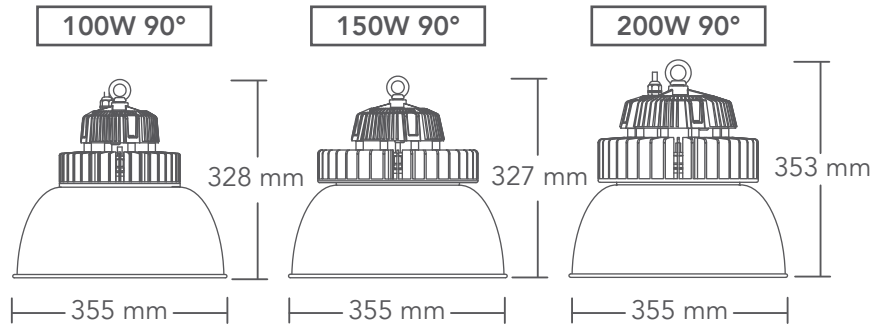
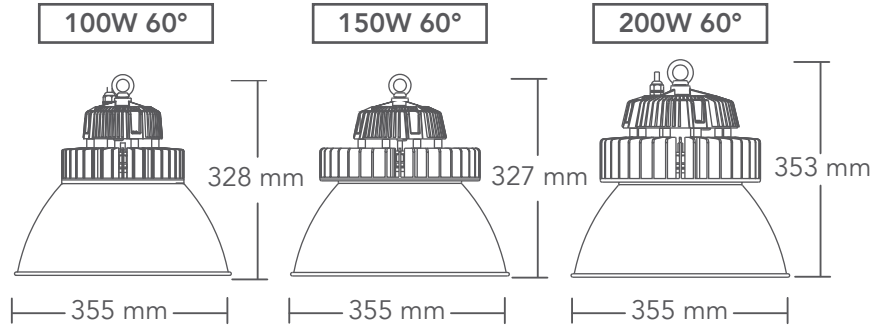
DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	2.76	8'775
2.0	5.53	2'194
3.0	8.29	975
4.0	11.06	548
8.0	22.12	137

Reports:

UL / DLC / TUV / SAA / PSE / LM-80 / LM-79



LED B-BOLT HIGHBAY ACCESSORIES





**Highbay HB34
100W W IP65**



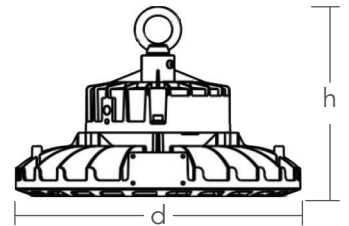
PRODUCT HIGHLIGHTS

- Efficient substitution of high bay luminaires with an esthetic design
- High system efficiency reaching 130 lm/W
- Reflectors in aluminium and in PC available upon request
- High flux Nichia™ LED included
- Fixed output LED control gear included. Dimmable driver available upon request
- Pure aluminium cold forged heatsink housing with robust powder coated finish
- Excellent thermal management
- Robust against shock. Shatter proof resistant
- Standard CCT: 5'000 K. Available upon request: 3'000 K and 4'000 K
- Long service lifetime of 40'000 hours



GENERAL CHARACTERISTICS

Product Reference	HB34750
Energy Efficiency Label	A+
Materials	Housing Aluminium Lens PC
LED Type	3030
LED Quantity	Module of 168 LEDs
Service Lifetime	40'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Operating Temp. Range	-30°C...+50°C
Ingress Protection	IP65
IK Rating	IK08
UGR	22
Dimensions (d x h)	Ø 340 x 182 mm
Weight	3'800 g



ELECTRICAL CHARACTERISTICS

Rated Power	100 W
Operating Frequency	50-60 Hz
Input Voltage	220-240V AC
Power Factor	> 0.92



LIGHT CHARACTERISTICS

Luminous Flux	13'000 lm
Luminous Efficiency	130 lm/W
Beam Angle	120°
Colour Name	White
Colour Temperature (CCT)	5'000 K
CRI	> 70



**Highbay ECO
200W W IP65 G2**



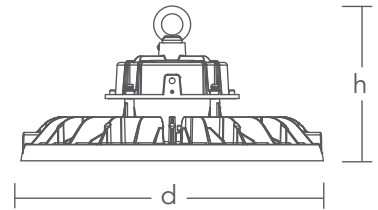
PRODUCT HIGHLIGHTS

- Efficient substitution of high bay luminaires with an esthetic design
- Die-cast aluminium heatsink housing. Excellent thermal management
- Separate driver included
- Robust against shock. Shatter proof resistant
- High system efficiency reaching 143 lm/W
- Long service lifetime of 50'000 hours
- Standard CCT: 5'000 K. Available upon request: 4'000 K and 6'500 K
- Available accessories upon request: PC Reflector (70°), Lens Reflector (90° or 120°) Motion sensor kit, Wire Guard, Adjustable Bracket



GENERAL CHARACTERISTICS

Product Reference	HBE200WF85065G2
Dimmable	No
Energy Efficiency Label	A++
Materials	Housing: Aluminium alloy Lens: PC
LED Type	SMD 2835
Service Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Operating Temp. Range	-40°C...+40°C
Ingress Protection	IP65
Dimensions (d x h)	Ø 330 x 169 mm
Weight	3'100 g



ELECTRICAL CHARACTERISTICS

Rated Power	200W
Operating Frequency	50-60 Hz
Input Voltage	175-265V AC
Power Factor	> 0.95
UGR	< 19



LIGHT CHARACTERISTICS

Luminous Flux	28'600 lm
Luminous Efficiency	143 lm/W
Luminous Intensity	25'253 cd
Beam Angle	60°
Colour Name	White
Colour Temperature (CCT)	5'000 K
CRI	> 80

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	0.98	25'253
2.0	1.95	6'313
3.0	2.93	2'806
4.0	3.90	1'578
8.0	7.81	395

ARCHITECTURAL SOLUTIONS



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**Architectural Serie
Nano Spot ASSPN0102
1W 350mA WW IP44**

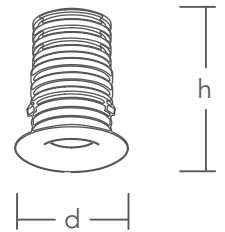


PRODUCT HIGHLIGHTS

- LED Nano Spot from the Architectural Serie with consistent colour temperature
- Operates with 350 mA constant current LED driver (driver not included)
- Long service lifetime of 25'000 hours
- Simple recessed installation suitable for various ceiling thickness (from 1 mm and above)
- Uniform light distribution
- No UV or IR emissions. No mercury
- Excellent Colour Rendering (CRI > 80)
- 2'700 K and 4'000 K versions available upon request
- Available in white or black

GENERAL CHARACTERISTICS

Product Name	Architectural Serie Nano Spot ASSPN0102 1W 350mA WW IP44
Energy Efficiency Label	A
Materials	Body Aluminium
LED Type	COB
LED Quantity	1
Average Lifetime	25'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP44
Dimensions (d x h)	Ø 16 x 21 mm
Cut-Out	Ø 12 mm



ELECTRICAL CHARACTERISTICS

System Power	1W
Forward Voltage	3V DC
Forward Current	350 mA



LIGHT CHARACTERISTICS

Product Reference	ASSPN0102VW830
Luminous Flux	38 lm
Luminous Efficiency	38 lm/W
Luminous Intensity	32 cd
Beam Angle	50°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 80

DISTANCE (m)	CONE DIAMETER (d)	ILLUMINANCE (lx)
0.5	0.20	6'164
1.0	0.39	1'541
1.5	0.59	685
2.0	0.79	385
2.5	0.99	247
3.0	1.18	171



**Mini Spot NSP0506
2.1W 700mA WW IP20**

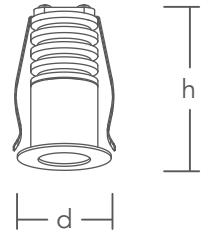


PRODUCT HIGHLIGHTS

- ~ Recessed LED Mini Spot with consistent colour temperature
- ~ Operates with 700mA constant current LED driver (On/Off driver included)
- ~ Long service lifetime of 30'000 hours
- ~ Simple recessed installation suitable for various ceiling thickness
- ~ Uniform light distribution
- ~ No UV or IR emissions. No mercury
- ~ Excellent Colour Rendering (CRI > 95)
- ~ 2'700 K and 4'000 K versions available upon request
- ~ Available in white or black

GENERAL CHARACTERISTICS

Product Name	Mini Spot NSP0506 2.1W 700mA WW IP20
Energy Efficiency Label	A
Materials	Body Aluminium
LED Type	COB
LED Quantity	1
Average Lifetime	30'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 35 x 59 mm
Cut-Out	Ø 30 mm



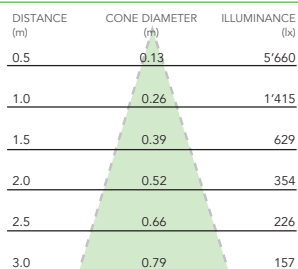
ELECTRICAL CHARACTERISTICS

System Power	2.1W
Input Voltage	220-240V AC
Forward Voltage	3V DC
Forward Current	700 mA



LIGHT CHARACTERISTICS

Product Reference	NSP0506FL930W
Luminous Flux	180 lm
Luminous Efficiency	86 lm/W
Luminous Intensity	1'415 cd
Beam Angle	30°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 95





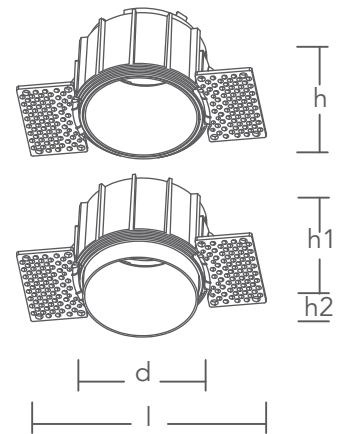
**Architectural Serie
Trimless Mounting
Ring ASSP0605 IP20 G2**

PRODUCT HIGHLIGHTS

- ~ Architectural trimless mounting ring for GU10 directional lamps
- ~ Recommended for public areas such as receptions, lobbies, corridors, staircases...

GENERAL CHARACTERISTICS

Product Reference	Architectural Serie Trimless Mounting Ring ASSP0605 IP20 G2
Base	GU10
Materials	Housing Aluminium
Ingress Protection	IP20
Dimensions (d x h; l; h1; h2)	Ø 55 x 45 mm; 113 mm; 40 mm; 10 mm
Cut-Out	Ø 74 - 75 mm





**Architectural Serie
Deep Mounting
Ring ASSP0706 IP20**

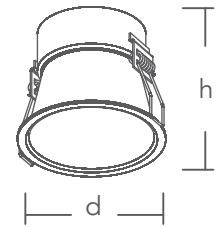


PRODUCT HIGHLIGHTS

- ~ Architectural deep mounting ring for GU10 directional lamps
- ~ Recommended for public areas such as receptions, lobbies, corridors, staircases...

GENERAL CHARACTERISTICS

Product Reference	Architectural Serie Deep Mounting Ring ASSP0706 IP20
Base	GU10
Materials	Housing Aluminium
Ingress Protection	IP20
Dimensions (d x h)	Ø 76 x 64 mm
Cut-Out	Ø 70 mm





**Architectural Serie
Trimless Extractable
Downlight ASDAT0410
7W 350mA GW IP20**

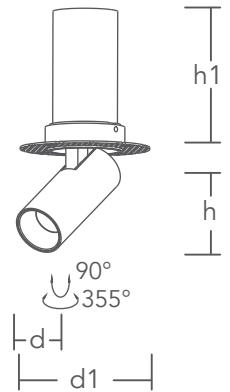


PRODUCT HIGHLIGHTS

- Trimless Extractable LED Downlight from the Architectural Serie with consistent colour temperature
- Smart mechanical design allowing precise rotation of 355° and tilt angle adjustment up to 90°
- Excellent Colour Rendering (CRI > 92)
- Operates with 350 mA constant current LED driver (driver not included)
- Simple recessed installation suitable for various ceiling thickness (from 1 mm and above)
- Uniform light distribution
- Long service lifetime of 25'000 hours
- 3'000 K and 4'000 K versions available upon request
- No UV or IR emissions. No mercury
- Available in white or black

GENERAL CHARACTERISTICS

Product Name	Architectural Serie Trimless Extractable Downlight ASDAT0410 7W 350mA GW IP20
Energy Efficiency Label	A
Materials	Body Aluminium
LED Type	COB
LED Quantity	1
Average Lifetime	25'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h; d1 x h1)	Ø 40 x 90 mm; Ø 100 x 109 mm
Cut-Out	Ø 70 mm



ELECTRICAL CHARACTERISTICS

System Power	7W
Forward Voltage	19V DC
Forward Current	350 mA

LIGHT CHARACTERISTICS

Product Reference	ASDAT0410FL927	ASDAT0410WF927	ASDAT0410VW927
Luminous Flux	580 lm	580 lm	580 lm
Luminous Intensity	1'541 cd	805 cd	486 cd
Luminous Efficiency	83 lm/W	83 lm/W	83 lm/W
Beam Angle	24°	36°	60°
Colour Name	Gold White	Gold White	Gold White
Colour Temperature (CCT)	2'700 K	2'700 K	2'700 K
CRI	> 92	> 92	> 92

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
0.5	0.20	6'164	0.5	0.33	3'220	0.5	0.54	1'944
1.0	0.39	1'541	1.0	0.66	805	1.0	1.08	486
1.5	0.59	685	1.5	1.00	358	1.5	1.62	216
2.0	0.79	385	2.0	1.33	201	2.0	2.16	121
2.5	0.99	247	2.5	1.66	129	2.5	2.71	78
3.0	1.18	171	3.0	1.99	89	3.0	3.25	53



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**Architectural Serie
Trimless Extractable
Downlight ASDAT0410
7W 350mA WW IP20**

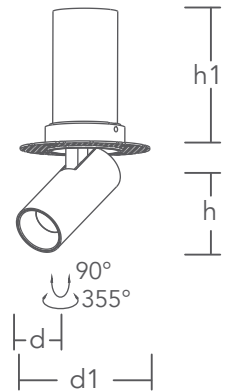


PRODUCT HIGHLIGHTS

- Trimless Extractable LED Downlight from the Architectural Serie with consistent colour temperature
- Smart mechanical design allowing precise rotation of 355° and tilt angle adjustment up to 90°
- Excellent Colour Rendering (CRI > 92)
- Operates with 350 mA constant current LED driver (driver not included)
- Simple recessed installation suitable for various ceiling thickness (from 1 mm and above)
- Uniform light distribution
- Long service lifetime of 25'000 hours
- 2'700 K and 4'000 K versions available upon request
- No UV or IR emissions. No mercury
- Available in white or black

GENERAL CHARACTERISTICS

Product Name	Architectural Serie Trimless Extractable Downlight ASDAT0410 7W 350mA WW IP20	
Energy Efficiency Label	A	
Materials	Body	Aluminium
LED Type	COB	
LED Quantity	1	
Average Lifetime	25'000 hours	
Start Time from 0% to 100%	0 sec	
Mercury Content	0.0 mg	
Ingress Protection	IP20	
Dimensions (d x h; d1 x h1)	Ø 40 x 90 mm; Ø 100 x 109 mm	
Cut-Out	Ø 70 mm	



ELECTRICAL CHARACTERISTICS

System Power	7W
Forward Voltage	19V DC
Forward Current	350 mA

LIGHT CHARACTERISTICS

Product Reference	ASDAT0410FL930	ASDAT0410WF930	ASDAT0410VW930
Luminous Flux	580 lm	580 lm	580 lm
Luminous Intensity	1'541 cd	805 cd	486 cd
Luminous Efficiency	83 lm/W	83 lm/W	83 lm/W
Beam Angle	24°	36°	60°
Colour Name	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K
CRI	> 92	> 92	> 92

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
0.5	0.20	6'164	0.5	0.33	3'220	0.5	0.54	1'944
1.0	0.39	1'541	1.0	0.66	805	1.0	1.08	486
1.5	0.59	685	1.5	1.00	358	1.5	1.62	216
2.0	0.79	385	2.0	1.33	201	2.0	2.16	121
2.5	0.99	247	2.5	1.66	129	2.5	2.71	78
3.0	1.18	171	3.0	1.99	89	3.0	3.25	53



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**Architectural Serie
Extractable Long
Downlight ASDAL0840
7W 350mA WW IP20**

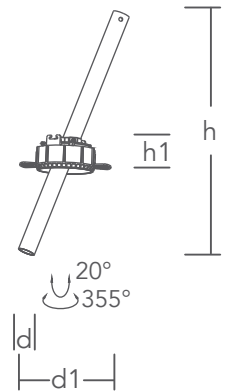


PRODUCT HIGHLIGHTS

- Long Extractable LED Downlight from the Architectural Serie with consistent colour temperature
- Smart mechanical design allowing precise rotation of 355° and tilt angle adjustment up to 20°
- Excellent Colour Rendering (CRI > 92)
- Operates with 350 mA constant current LED driver (driver not included)
- Simple recessed installation suitable for various ceiling thickness (from 1 mm to 25 mm).
- Uniform light distribution
- Long service lifetime of 25'000 hours
- 2'700 K and 4'000 K versions available upon request
- No UV or IR emissions. No mercury
- Available in white or black

GENERAL CHARACTERISTICS

Product Name	Architectural Serie Extractable Long Downlight ASDAL0840 7W 350mA WW IP20	
Energy Efficiency Label	A	
Materials	Body	Aluminium
LED Type	COB	
LED Quantity	1	
Average Lifetime	25'000 hours	
Start Time from 0% to 100%	0 sec	
Mercury Content	0.0 mg	
Ingress Protection	IP20	
Dimensions (d x h; d1 x h1)	Ø 82 x 400 mm; Ø 140 x 400 mm	
Cut-Out	Ø 95 mm	



ELECTRICAL CHARACTERISTICS

System Power	7W
Forward Voltage	20V DC
Forward Current	350 mA

LIGHT CHARACTERISTICS

Product Reference	ASDAL0840WF930	ASDAL0840VW930
Luminous Flux	595 lm	595 lm
Luminous Efficiency	85 lm/W	85 lm/W
Luminous Intensity	973 cd	662 cd
Beam Angle	35°	50°
Colour Name	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K
CRI	>92	>92

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
0.5	0.26	3'892	0.5	0.44	2'648
1.0	0.51	973	1.0	0.88	662
1.5	0.77	432	1.5	1.33	294
2.0	1.02	243	2.0	1.77	165
2.5	1.28	156	2.5	2.22	106
3.0	1.53	108	3.0	2.66	73



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**Architectural Serie
Trimless Matrix
ASMT0303
1x1 2W 700mA WW IP20**

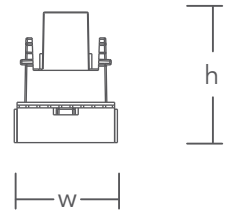


PRODUCT HIGHLIGHTS

- ~ Trimless recessed LED Matrix from the Architectural Serie with consistent colour temperature
- ~ Operates with 700 mA constant current LED driver (driver not included)
- ~ Excellent Colour Rendering (CRI> 80)
- ~ Recommended for public areas such as receptions, lobbies, corridors...
- ~ Simple recessed installation suitable for various ceiling thickness (from 1 mm to 30 mm)
- ~ Uniform light distribution
- ~ Long service lifetime of 25'000 hours
- ~ 2'700 K and 4'000 K versions available upon request
- ~ No UV or IR emissions. No mercury
- ~ Available in white or black

GENERAL CHARACTERISTICS

Product Name	Architectural Serie Trimless Matrix ASMT0303 1x1 2W 700mA WW IP20
Energy Efficiency Label	A
Materials	Body Aluminium
LED Type	COB
LED Quantity	1
Average Lifetime	25'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (w x w x h)	38 x 38 x 47 mm
Cut-Out	38 x 38 mm



ELECTRICAL CHARACTERISTICS

System Power	2W
Forward Voltage	3V DC
Forward Current	700 mA

LIGHT CHARACTERISTICS

Product Reference	ASMT0303SP830	ASMT0303FL830	ASMT0303WF830
Luminous Flux	160 lm	160 lm	160 lm
Luminous Efficiency	80 lm/W	80 lm/W	80 lm/W
Luminous Intensity	232 cd	100 cd	72 cd
Beam Angle	12°	34°	48°
Colour Name	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K
CRI	> 80	> 80	> 80

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
0.5	0.18	928	0.5	0.47	400	0.5	0.48	288
1.0	0.36	232	1.0	0.94	100	1.0	0.95	72
1.5	0.42	103	1.5	1.10	44	1.5	1.11	32
2.0	0.48	58	2.0	1.25	25	2.0	1.27	18
2.5	0.72	37	2.5	1.88	16	2.5	1.91	12
3.0	0.96	26	3.0	2.51	11	3.0	2.54	8



CREO Light.
Light years ahead.



**Architectural Serie
Trimless Matrix
ASMT0607
2x1 4W 700mA WW IP20**

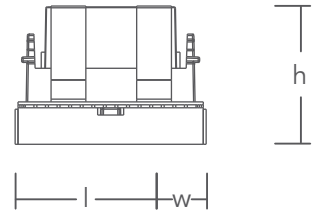


PRODUCT HIGHLIGHTS

- Trimless recessed LED Matrix from the Architectural Serie with consistent colour temperature
- Operates with 700 mA constant current LED driver (driver not included)
- Excellent Colour Rendering (CRI > 80)
- Recommended for public areas such as receptions, lobbies, corridors...
- Simple recessed installation suitable for various ceiling thickness (from 1 mm to 30 mm)
- Uniform light distribution
- Long service lifetime of 25'000 hours
- 2'700 K and 4'000 K versions available upon request
- No UV or IR emissions. No mercury
- Available in white or black

GENERAL CHARACTERISTICS

Product Name	Architectural Serie Trimless Matrix ASMT0607 2x1 4W 700mA WW IP20
Energy Efficiency Label	A
Materials	Body Aluminium
LED Type	COB
LED Quantity	2
Average Lifetime	25'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (l x w x h)	66 x 38 x 47 mm
Cut-Out	68 x 38 mm



ELECTRICAL CHARACTERISTICS

System Power	2 x 2W
Forward Voltage	2 x 3V DC
Forward Current	700 mA

LIGHT CHARACTERISTICS

Product Reference	ASMT0607SP830	ASMT0607FL830	ASMT0607WF830
Luminous Flux	320 lm	320 lm	320 lm
Luminous Efficiency	80 lm/W	80 lm/W	80 lm/W
Luminous Intensity	260 cd	199 cd	145 cd
Beam Angle	12°	34°	48°
Colour Name	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K
CRI	> 80	> 80	> 80

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
0.5	0.18	1'040	0.5	0.46	796	0.5	0.48	6'896
1.0	0.36	260	1.0	0.92	199	1.0	0.95	145
1.5	0.42	116	1.5	1.08	88	1.5	1.11	766
2.0	0.48	65	2.0	1.23	50	2.0	1.27	431
2.5	0.72	42	2.5	1.85	32	2.5	1.91	276
3.0	0.96	29	3.0	2.47	22	3.0	2.54	192



**Architectural Serie
Fixed Trimless Matrix
ASM1005
13W 350mA GW IP20**

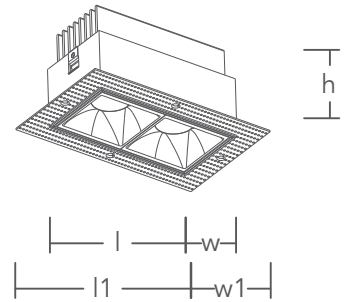


PRODUCT HIGHLIGHTS

- Fixed Recessed LED Trimless Matrix from the Architectural Serie with consistent colour temperature
- Operates with 350 mA constant current LED driver (driver not included)
- Excellent Colour Rendering (CRI > 92)
- Recommended for public areas such as receptions, lobbies, corridors...
- Simple recessed installation suitable for various ceiling thickness (from 1 mm and above)
- Uniform light distribution
- Long service lifetime of 25'000 hours
- 3'000 K and 4'000 K versions available upon request
- No UV or IR emissions. No mercury
- Available in white or black

GENERAL CHARACTERISTICS

Product Name	Architectural Serie Fixed Trimless Matrix ASM1005 13W 350mA GW IP20
Energy Efficiency Label	A
Materials	Body Aluminium
LED Type	COB
LED Quantity	2
Average Lifetime	25'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (l x w x h; l1 x w1)	104 x 54 x 68 mm; 138 x 87 mm
Cut-Out	112 x 60 mm



ELECTRICAL CHARACTERISTICS

System Power	13W
Forward Voltage	36V DC
Forward Current	350 mA

LIGHT CHARACTERISTICS

Product Reference	ASM1005SP927	ASM1005FL927	ASM1005WF927
Luminous Flux	2 x 580 lm	2 x 580 lm	2 x 580 lm
Luminous Efficiency	2 x 83 lm/W	2 x 83 lm/W	2 x 83 lm/W
Luminous Intensity	3'901 cd	2'653 cd	1'724 cd
Beam Angle	15°	30°	45°
Colour Name	Gold White	Gold White	Gold White
Colour Temperature (CCT)	2'700 K	2'700 K	2'700 K
CRI	> 92	> 92	> 92

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
0.5	0.12	15'604	0.5	0.21	10'612	0.5	0.41	6'896
1.0	0.23	3'901	1.0	0.41	2'653	1.0	0.81	1'724
1.5	0.35	1'734	1.5	0.62	1'179	1.5	1.22	766
2.0	0.46	975	2.0	0.83	663	2.0	1.63	431
2.5	0.58	624	2.5	1.04	424	2.5	2.04	276
3.0	0.69	433	3.0	1.24	295	3.0	2.44	192



**Architectural Serie
Fixed Trimless Matrix
ASM1905
4x1 22W 700mA GW IP20**

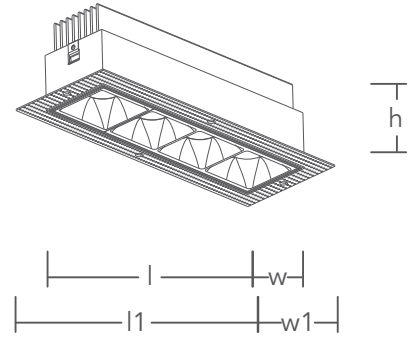


PRODUCT HIGHLIGHTS

- Fixed Recessed LED Trimless Matrix from the Architectural Serie with consistent colour temperature
- Operates with 700 mA constant current LED driver (driver not included)
- Excellent Colour Rendering (CRI > 92)
- Recommended for public areas such as receptions, lobbies, corridors...
- Simple recessed installation suitable for various ceiling thickness (from 1 mm and above)
- Uniform light distribution
- Long service lifetime of 25'000 hours
- 3'000 K and 4'000 K versions available upon request
- No UV or IR emissions. No mercury
- Available in white or black

GENERAL CHARACTERISTICS

Product Name	Architectural Serie Fixed Trimless Matrix ASM1905 4x1 22W 700mA GW IP20
Energy Efficiency Label	A
Materials	Body Aluminium
LED Type	COB
LED Quantity	4
Average Lifetime	25'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (l x w x h; l1 x w1)	197 x 54 x 68 mm; 230 x 87 mm
Cut-Out	203 x 60 mm



ELECTRICAL CHARACTERISTICS

System Power	22W
Forward Voltage	4 x 10V DC
Forward Current	700 mA

LIGHT CHARACTERISTICS

Product Reference	ASM1905SP927	ASM1905FL927	ASM1905WF927
Luminous Flux	4 x 580 lm	4 x 580 lm	4 x 580 lm
Luminous Efficiency	105 lm/W	105 lm/W	105 lm/W
Luminous Intensity	7'035 cd	4'502 cd	2'836 cd
Beam Angle	15°	30°	45°
Colour Name	Gold White	Gold White	Gold White
Colour Temperature (CCT)	2'700 K	2'700 K	2'700 K
CRI	> 92	> 92	> 92

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
0.5	0.12	28'140	0.5	0.25	18'008	0.5	0.41	11'344
1.0	0.23	7'035	1.0	0.49	4'502	1.0	0.81	2'836
1.5	0.35	3'127	1.5	0.50	1'179	1.5	1.22	1'260
2.0	0.46	1'759	2.0	0.98	1'126	2.0	1.63	709
2.5	0.58	1'126	2.5	1.23	720	2.5	2.04	454
3.0	0.69	782	3.0	1.48	500	3.0	2.44	315



**Architectural Serie
Wallwasher
ASW2005
21W 700mA GW IP20**

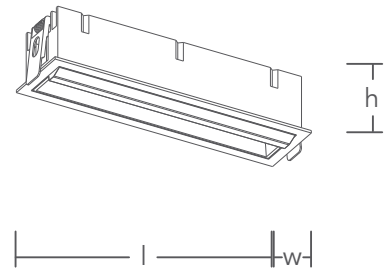


PRODUCT HIGHLIGHTS

- ~ LED Wallwasher from the Architectural Serie with consistent colour temperature
- ~ Operates with 700 mA constant current LED driver (driver not included)
- ~ Excellent Colour Rendering (CRI > 92)
- ~ Recommended for public areas such as receptions, lobbies, corridors...
- ~ Simple recessed installation suitable for wall thickness (from 1 mm to 35 mm)
- ~ Uniform light distribution
- ~ Long service lifetime of 25'000 hours
- ~ 3'000 K and 4'000 K versions available upon request
- ~ No UV or IR emissions. No mercury
- ~ Available in white or black

GENERAL CHARACTERISTICS

Product Name	Architectural Serie Wallwasher ASW2005 21W 700mA GW IP20
Energy Efficiency Label	A
Materials	Body Aluminium
LED Type	SMD
LED Quantity	5
Average Lifetime	25'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (l x w x h)	206 x 54 x 47 mm
Cut-Out	201 x 49 mm



ELECTRICAL CHARACTERISTICS

System Power	21W
Forward Voltage	30V DC
Forward Current	700 mA

LIGHT CHARACTERISTICS

Product Reference	ASW2005SP927
Luminous Flux	1'785 lm
Luminous Efficiency	85 lm/W
Beam Angle	15° x 50° x 35° x 75°
Colour Name	Gold White
Colour Temperature (CCT)	2'700 K
CRI	> 92



CREO Light.
Light years ahead.



**Architectural Serie
Fixed Surface Mounted
Downlight ASDFS0511
8W 230V WW IP20**

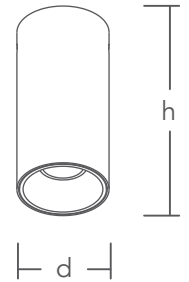


PRODUCT HIGHLIGHTS

- Fixed Surface Mounted LED Downlight from the Architectural Serie with consistent colour temperature
- On/Off driver included
- Excellent Colour Rendering (CRI > 92)
- Uniform light distribution
- Recommended for public areas such as receptions, lobbies, corridors...
- Long service lifetime of 25'000 hours
- 2'700 K and 4'000 K versions available upon request
- No UV or IR emissions. No mercury
- Available in white or black

GENERAL CHARACTERISTICS

Product Name	Architectural Serie Fixed Surface Mounted Downlight ASDFS0511 8W 230V WW IP20
Energy Efficiency Label	A
Materials	Body Aluminium
LED Type	COB
LED Quantity	1
Average Lifetime	25'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h)	Ø 53 x 110 mm



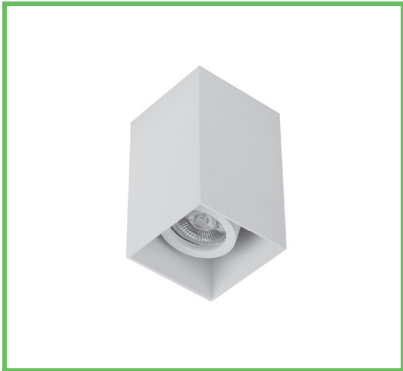
ELECTRICAL CHARACTERISTICS

System Power	8W
Operating Frequency	50-60 Hz
Input Voltage	230V AC

LIGHT CHARACTERISTICS

Product Reference	ASDFS0511SP930	ASDFS0511FL930	ASDFS0511WF930
Luminous Flux	535 lm	535 lm	535 lm
Luminous Efficiency	67 lm/W	67 lm/W	67 lm/W
Luminous Intensity	1'191 cd	1'076 cd	759 cd
Beam Angle	15°	30°	45°
Colour Name	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K
CRI	> 92	> 92	> 92

	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)		
	0.5	0.21	4764		0.5	0.25	4'304		0.5	0.34	3'036
	1.0	0.42	1'191		1.0	0.49	1'076		1.0	0.67	759
	1.5	0.64	529		1.5	0.74	478		1.5	1.00	337
	2.0	0.85	298		2.0	0.99	269		2.0	1.34	190
	2.5	1.07	191		2.5	1.24	172		2.5	1.68	121
	3.0	1.28	132		3.0	1.49	120		3.0	2.01	84



**Architectural Serie
Surface Mounted Square
Downlight ASDSQ0808
IP20**



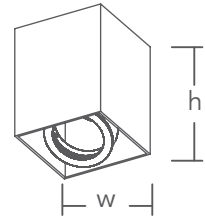
PRODUCT HIGHLIGHTS

- ~ Architectural surface mounted square downlight for GU10 directional lamps
- ~ Honeycomb accessory included with the fixture
- ~ Available in white or in black
- ~ Smart mechanical design allowing precise tilt angle adjustment up to 30° and 350° rotation
- ~ Recommended for public areas such as receptions, lobbies, corridors, staircases...



GENERAL CHARACTERISTICS

Product Reference	Architectural Serie Surface Mounted Square Downlight ASDSQ0808 IP20
Base	GU10
Materials	Housing Aluminium
Ingress Protection	IP20
Dimensions (w x w x h)	53 x 53 x 110 mm

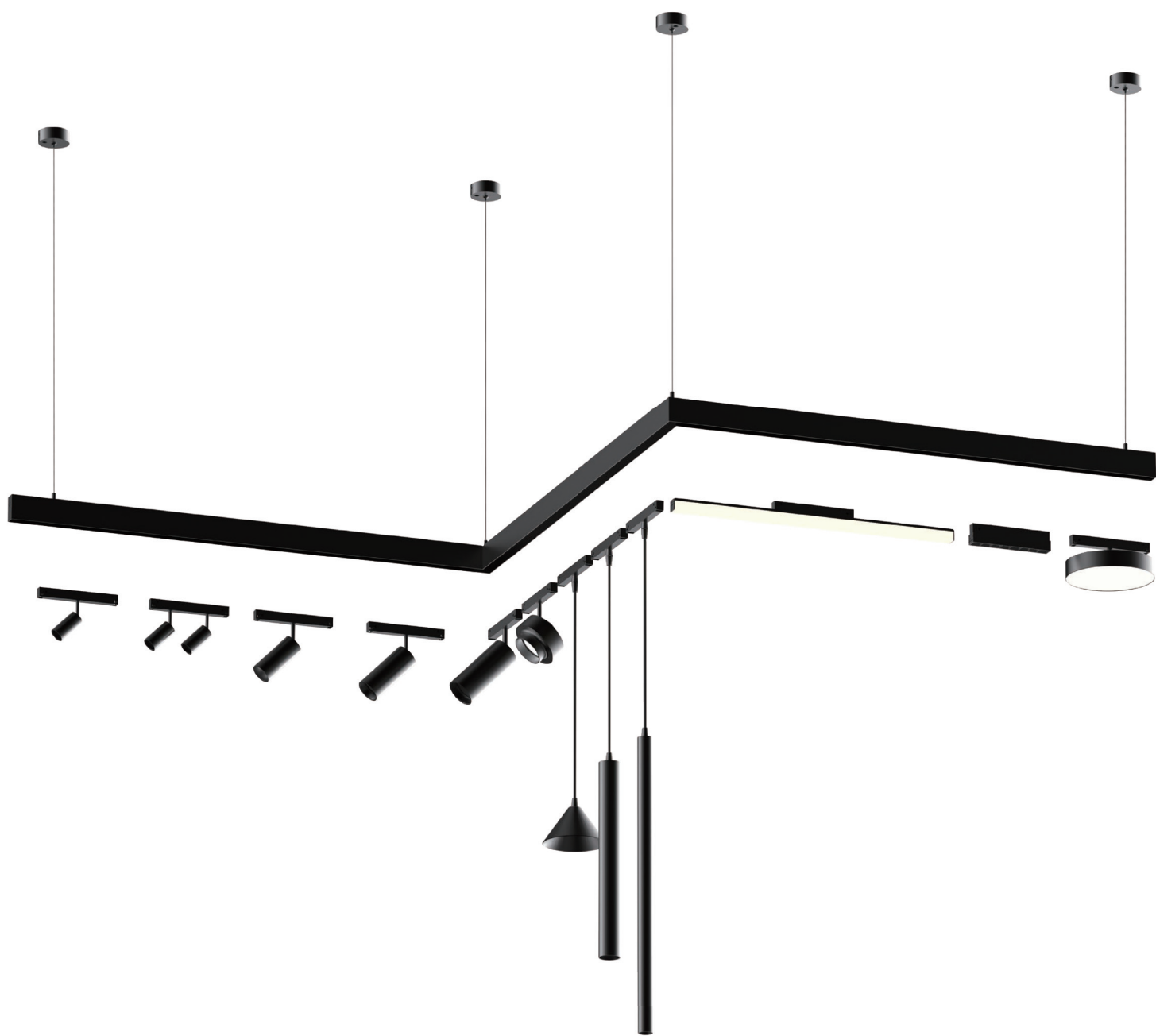




S Y S T E M S



- ~ Modern LED technology not only provides maximum efficiency and long life for the luminaire, but also enables luminaires to be miniaturized. With its new INFINITE LINEAR SYSTEM, Creo Light has the solution to minimize shapes and therefore maximize ceiling harmonics.
- ~ Flexibility, Creativity, Precision are all what the INFINITE LINEAR SYSTEM has to offer you.
- ~ With its different methods of installations – recessed, surface mounted or suspended – and its wide range of lighting luminaires, the INFINITE LINEAR SYSTEM by Creo Light is the ultimate solution for your architectural lighting.
- ~ Ideal for residential, retail and commercial applications, the track light can be installed in ceilings or walls creating a three dimensional design giving a very minimalistic outcome of the area.





Due to the physical separation of the AC/DC driver and the DC/DC board, the innovative 48 V DC-String lighting solution does away with bulky track boxes altogether. In spite of miniaturisation, you still have unrestricted control of the individual conductor track luminaires, thanks to the possibility of transmitting commands via the powerline communication. Hot plug luminaire replacement can be carried out effortlessly and safely by anyone due to the conductor track with low constant voltage.



48 V DC-String allows you to have small luminaires and an aesthetic solution on a conductor track.

At a glance: Engine DC-String

- ~ Design freedom thanks to the miniaturisation of luminaires and conductor tracks
- ~ Individual luminaire control via powerline communication or DALI
- ~ Safe and simple hot-plug luminaire replacement for anyone

Benefits at all levels:

Architect

- ~ New ceiling / room design opportunities
- ~ Improved ceiling aesthetics through miniaturisation of track light systems
- ~ Emergency and DALI compatible to cover track lighting with one design

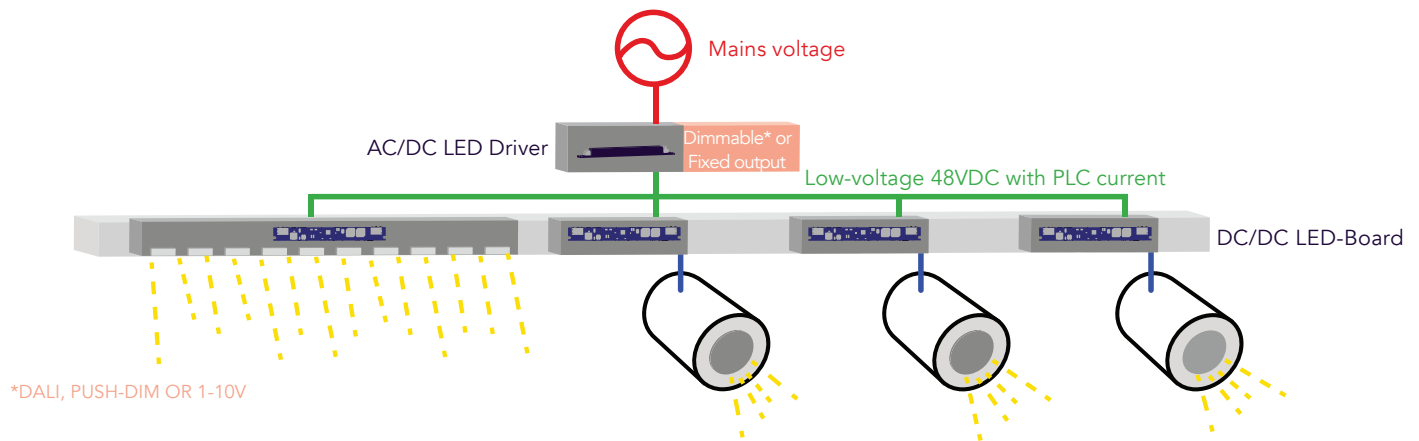
Installer

- ~ Quick and easy installation
- ~ SELV - safe and easy to install
- ~ Hot-Plug-In possible - quick commissioning
- ~ Quick upgrade to DALI dimmable track lights

End User

- ~ Quick and easy maintenance
- ~ SELV - no electrician needed for luminaire exchange
- ~ Hot-Plug-In possible - quick and safe exchange
- ~ Reduced maintenance costs by concentrating critical building blocks to central supply

 **ELECTRICAL INSTALLATION**



Low Voltage DC System (LVDC)

- ~ The Low Voltage DC-String system is driven by one centralised LED Driver
- ~ Only DC/DC part remains with each module/luminaire, allowing further miniaturisation of the luminaire
- ~ DALI, PUSH-DIM or 1-10V luminaire control
- ~ Safe and easy luminaire exchange by everyone

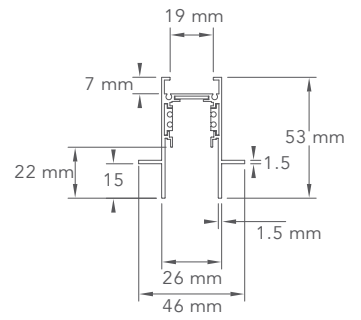
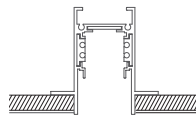
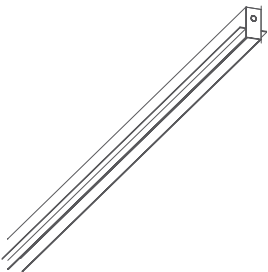


SPECIAL FEATURES & INSTALLATION METHODS

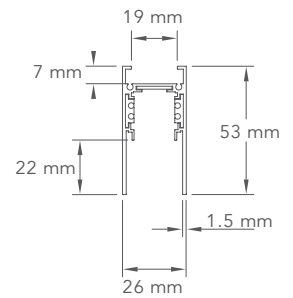
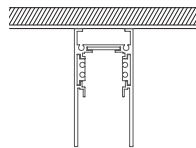
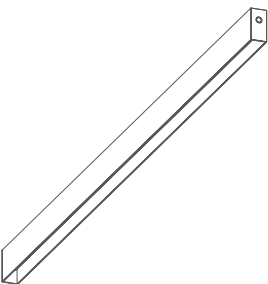
Magnetic inner fixation with safety lock



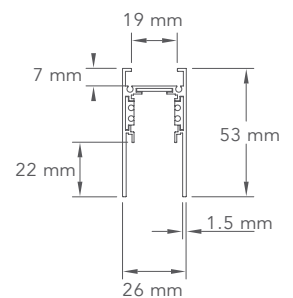
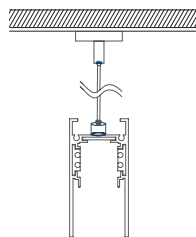
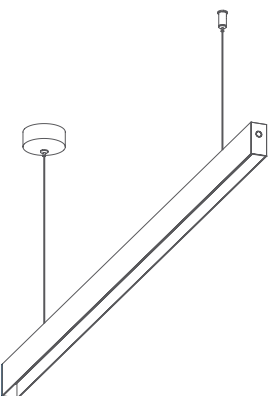
Recessed



Surface Mounted

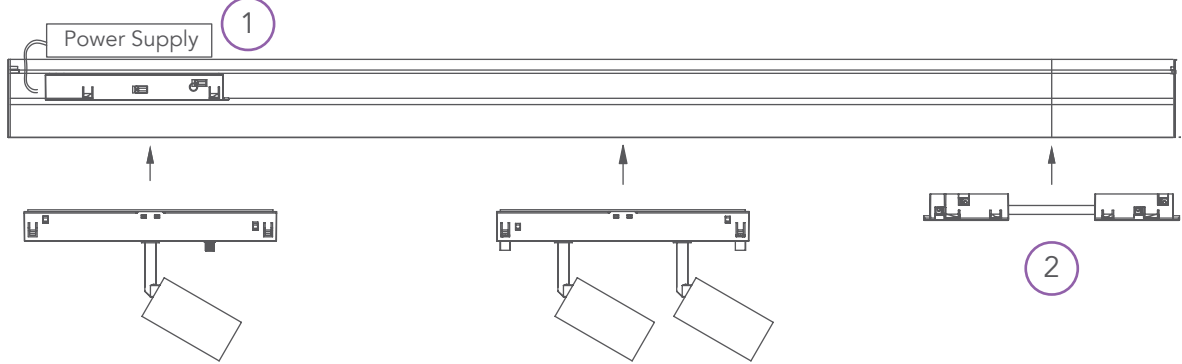


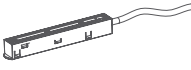
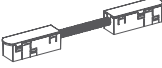




Suspended

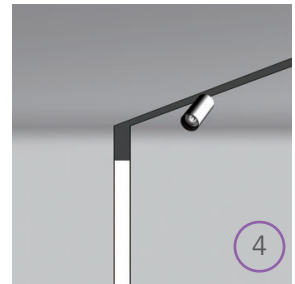
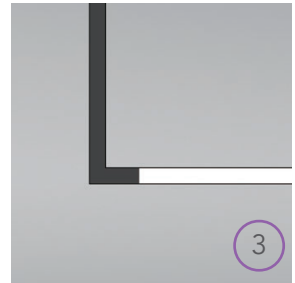




TRACK ACCESSORIES



Product Reference	Product Type	Product Reference
1 	Low Voltage DC Input Box	ITACSINPB
2 	DC Conductive Connector	ITACSCONB
3 	Horizontal 90° Connector for Surface Installation	ITACSH90S
4 	Vertical 90° Connector for Surface Installation	ITACSV90S
	Horizontal 90° Connector for Recessed Installation	ITACSH90R
	Vertical 90° Connector for Recessed Installation	ITACSV90R
	Suspension Kit with Base	ITACSHK1
	Suspension Kit without Base	ITACSHK0



LUMINAIRE ACCESSORIES



Product Reference	Product Type	Product Reference
	Honeycomb + Filter	ITSP0512-HC
	Barn Door	ITSP0512-BD
	Anti-glare ring	ITACAGR
	Anti-glare ring 2	ITACAGR2
	Cross anti-glare ring	ITACCAGR
	Cross anti-glare ring 2	ITACCAGR2



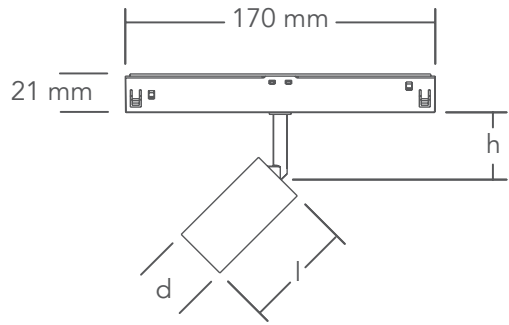
**Infinite Track
Spot 0306 3W IP40**

PRODUCT HIGHLIGHTS

- ~ LED Track Light for 48V track system
- ~ High-quality aluminium LED Track Light providing symmetric light with maximum luminaire efficiency and optimum photometric properties
- ~ Available in white or black
- ~ Smart mechanical design allowing precise rotation of 355° and tilt angle adjustment up to 90°
- ~ Excellent Colour Consistency and CRI > 93
- ~ Fixed output LED driver is included with plug & play connection. Dimmable (DALI or 1-10V) driver available upon request
- ~ Colour temperature: 3'000K. Available upon request: 2'700K, and 4'000K

GENERAL CHARACTERISTICS

Product Name	Infinite Track Spot 0306
LED Type	CITIZEN™ COB
Energy Efficiency Label	A+
Materials	Body Extruded aluminium finish Lens PMMA
Dimensions (d x l; h)	Ø 30 x 60 mm; 37 mm
Ingress Protection	IP40



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	ITSP0306SP930□	ITSP0306FL930□	ITSP0306WF930□	ITSP0306VW930□
Rated Power	3 W	3 W	3 W	3 W
Forward Current	700 mA	700 mA	700 mA	700 mA
Forward Voltage	3 V	3 V	3 V	3 V
Luminous Flux	178 lm	178 lm	178 lm	178 lm
Luminous Efficiency	59 lm/W	59 lm/W	59 lm/W	59 lm/W
Luminous Intensity	2370 cd	805 cd	469 cd	212 cd
Beam Angle	10°	24°	30°	50°
Colour Name	Warm White	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K	3'000 K
CRI	> 93	> 93	> 93	> 93

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	0.19	2,370	1.0	0.40	805	1.0	0.53	469	1.0	0.85	212
2.0	0.38	593	2.0	0.81	201	2.0	1.06	117	2.0	1.71	53
3.0	0.57	263	3.0	1.22	89	3.0	1.60	52	3.0	2.57	24
4.0	0.76	148	4.0	1.63	50	4.0	2.13	29	4.0	3.43	13
5.0	0.95	95	5.0	2.04	32	5.0	2.66	19	5.0	4.29	8

When ordering, please complete the product reference:

□ : Main Frame: W= White / B= Black / 0= Customized RAL



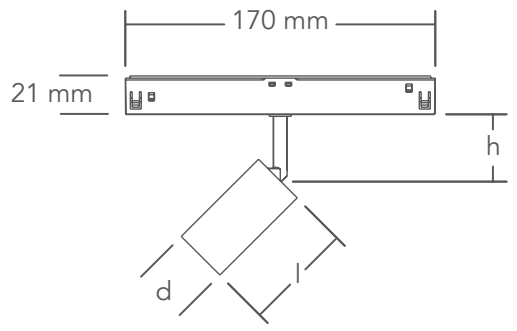
Infinite Track Spot 0410 8W IP40

PRODUCT HIGHLIGHTS

- ~ LED Track Light for 48V track system
- ~ High-quality aluminium LED Track Light providing symmetric light with maximum luminaire efficiency and optimum photometric properties
- ~ Available in white or black
- ~ Smart mechanical design allowing precise rotation of 355° and tilt angle adjustment up to 90°
- ~ Excellent Colour Consistency and CRI > 93
- ~ Fixed output LED driver is included with plug & play connection. Dimmable (DALI or 1-10V) driver available upon request
- ~ Colour temperature: 3'000K. Available upon request: 2'700K, and 4'000K

GENERAL CHARACTERISTICS

Product Name	Infinite Track Spot 0410
LED Type	CITIZEN™ COB
Energy Efficiency Label	A+
Materials	Body Extruded aluminium finish Lens PMMA
Dimensions (d x l; h)	Ø 43 x 100 mm; 43 mm
Ingress Protection	IP40



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	ITSP0410SP930□	ITSP0410FL930□	ITSP0410WF930□	ITSP0410VW930□
Rated Power	8 W	8 W	8 W	8 W
Forward Current	700 mA	700 mA	700 mA	700 mA
Forward Voltage	11.2 V	11.2 V	11.2 V	11.2 V
Luminous Flux	720 lm	720 lm	720 lm	720 lm
Luminous Efficiency	90 lm/W	90 lm/W	90 lm/W	90 lm/W
Luminous Intensity	4'799 cd	3'787 cd	1'446 cd	716 cd
Beam Angle	18°	24°	36°	60°
Colour Name	Warm White	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K	3'000 K
CRI	> 93	> 93	> 93	> 93

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	0.30	4'799	1.0	0.34	3'787	1.0	0.56	1'446	1.0	0.74	716
2.0	0.60	1'200	2.0	0.69	947	2.0	1.12	361	2.0	1.49	179
3.0	0.90	263	3.0	1.04	421	3.0	1.68	161	3.0	2.24	80
4.0	1.20	300	4.0	1.39	237	4.0	2.25	90	4.0	2.99	45
5.0	1.50	192	5.0	1.74	152	5.0	2.81	58	5.0	3.74	29

When ordering, please complete the product reference:

□ : Main Frame: W= White / B= Black / 0= Customized RAL



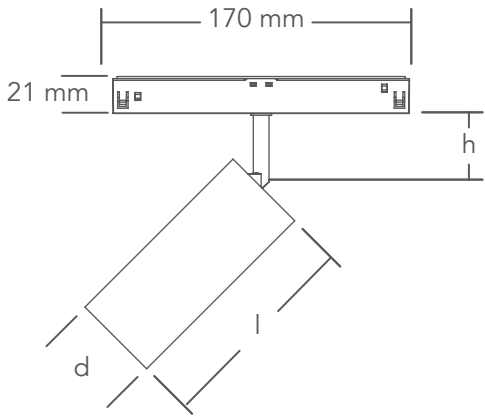
Infinite Track Spot 0512 13W IP40

PRODUCT HIGHLIGHTS

- ~ LED Track Light for 48V track system
- ~ High-quality aluminium LED Track Light providing symmetric light with maximum luminaire efficiency and optimum photometric properties
- ~ Available in white or black
- ~ Smart mechanical design allowing precise rotation of 355° and tilt angle adjustment up to 90°
- ~ Excellent Colour Consistency and CRI > 93
- ~ Fixed output LED driver is included with plug & play connection. Dimmable (DALI or 1-10V) driver available upon request
- ~ Colour temperature: 3'000K. Available upon request: 2'700K, and 4'000K

GENERAL CHARACTERISTICS

Product Name	Infinite Track Spot 0512
LED Type	CITIZEN™ COB
Energy Efficiency Label	A+
Materials	Body Extruded aluminium finish Lens PMMA
Dimensions (d x l; h)	Ø 50 x 120 mm; 43 mm
Ingress Protection	IP40



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	ITSP0512SP930□	ITSP0512FL930□	ITSP0512WF930□	ITSP0512VW930□
Rated Power	13 W	13 W	13 W	13 W
Forward Current	400 mA	400 mA	400 mA	400 mA
Forward Voltage	31 V	31 V	31 V	31 V
Luminous Flux	1'065 lm	1'065 lm	1'065 lm	1'065 lm
Luminous Efficiency	82 lm/W	82 lm/W	82 lm/W	82 lm/W
Luminous Intensity	6'951 cd	5'533 cd	2'132 cd	1'068 cd
Beam Angle	18°	24°	36°	60°
Colour Name	Warm White	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K	3'000 K
CRI	> 93	> 93	> 93	> 93

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	0.30	6'951	1.0	0.34	5'533	1.0	0.56	2'132	1.0	0.74	1'068
2.0	0.60	1'738	2.0	0.69	1'383	2.0	1.12	533	2.0	1.49	267
3.0	0.90	772	3.0	1.04	615	3.0	1.68	237	3.0	2.24	119
4.0	1.20	434	4.0	1.39	346	4.0	2.25	133	4.0	2.99	67
5.0	1.50	278	5.0	1.74	221	5.0	2.81	85	5.0	3.74	43

When ordering, please complete the product reference:

□ : Main Frame: W= White / B= Black / 0= Customized RAL



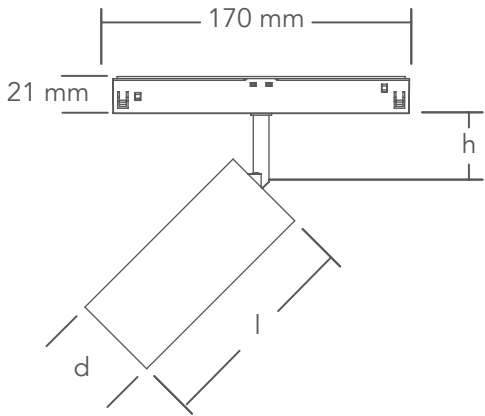
Infinite Track Spot 0614 18W IP40

PRODUCT HIGHLIGHTS

- ~ LED Track Light for 48V track system
- ~ High-quality aluminium LED Track Light providing symmetric light with maximum luminaire efficiency and optimum photometric properties
- ~ Available in white or black
- ~ Smart mechanical design allowing precise rotation of 35° and tilt angle adjustment up to 90°
- ~ Excellent Colour Consistency and CRI > 93
- ~ Fixed output LED driver is included with plug & play connection. Dimmable (DALI or 1-10V) driver available upon request
- ~ Colour temperature: 3'000K. Available upon request: 2'700K, and 4'000K

GENERAL CHARACTERISTICS

Product Name	Infinite Track Spot 0614
LED Type	CITIZEN™ COB
Energy Efficiency Label	A+
Materials	Body Extruded aluminium finish Lens PMMA
Dimensions (d x l; h)	Ø 61 x 140 mm; 49 mm
Ingress Protection	IP40



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	ITSP0614SP930□	ITSP0614FL930□	ITSP0614WF930□
Rated Power	18 W	18 W	18 W
Forward Current	450 mA	450 mA	450 mA
Forward Voltage	36 V	36 V	36 V
Luminous Flux	1'877 lm	1'877 lm	1'877 lm
Luminous Efficiency	104 lm/W	104 lm/W	104 lm/W
Luminous Intensity	20'190 cd	10'092 cd	4'890 cd
Beam Angle	15°	24°	35°
Colour Name	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K
CRI	> 93	> 93	> 93

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	0.24	20'190	1.0	0.38	10'092	1.0	0.63	4'890
2.0	0.48	5'048	2.0	0.77	2'523	2.0	1.27	1'223
3.0	0.72	2'243	3.0	1.15	1'121	3.0	1.91	543
4.0	0.97	1'262	4.0	1.54	631	4.0	2.55	306
5.0	1.21	808	5.0	1.92	404	5.0	3.19	196

When ordering, please complete the product reference:

□ : Main Frame: W= White / B= Black / 0= Customized RAL



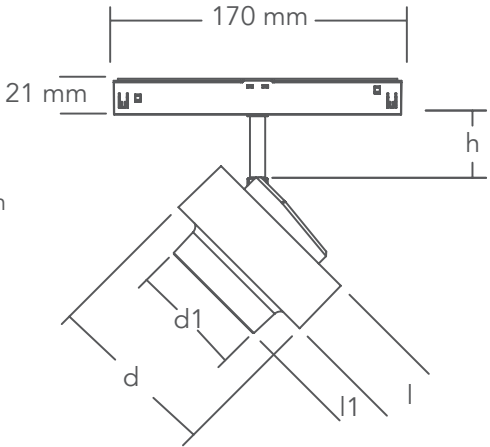
Infinite Track Spot 1035 18W IP40

PRODUCT HIGHLIGHTS

- ~ LED Track Light for 48V track system
- ~ High-quality aluminium LED Track Light providing symmetric light with maximum luminaire efficiency and optimum photometric properties
- ~ Available in white or black
- ~ Smart mechanical design allowing precise rotation of 355° and tilt angle adjustment up to 90°
- ~ Excellent Colour Consistency and CRI > 93
- ~ Fixed output LED driver is included with plug & play connection. Dimmable (DALI or 1-10V) driver available upon request
- ~ Colour temperature: 3'000K. Available upon request: 2'700K, and 4'000K

GENERAL CHARACTERISTICS

Product Name	Infinite Track Spot 1035
LED Type	CITIZEN™ COB
Energy Efficiency Label	A+
Materials	Body Extruded aluminium finish Lens PMMA
Dimensions (d x l (d1; l1); h)	Ø 101 x 35 mm (Ø 67 mm; 22 mm); 41 mm
Ingress Protection	IP40



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	ITSP1035SP930□	ITSP1035FL930□	ITSP1035WF930□
Rated Power	18 W	18 W	18 W
Forward Current	450 mA	450 mA	450 mA
Forward Voltage	36 V	36 V	36 V
Luminous Flux	1'877 lm	1'877 lm	1'877 lm
Luminous Efficiency	104 lm/W	104 lm/W	104 lm/W
Luminous Intensity	20'190 cd	10'092 cd	4'890 cd
Beam Angle	15°	24°	35°
Colour Name	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K
CRI	> 93	> 93	> 93

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	0.24	20'190	1.0	0.38	10'092	1.0	0.63	4'890
2.0	0.48	5'048	2.0	0.77	2'523	2.0	1.27	1'223
3.0	0.72	2'243	3.0	1.15	1'121	3.0	1.91	543
4.0	0.97	1'262	4.0	1.54	631	4.0	2.55	306
5.0	1.21	808	5.0	1.92	404	5.0	3.19	196

When ordering, please complete the product reference:

□ : Main Frame: W= White / B= Black / 0= Customized RAL



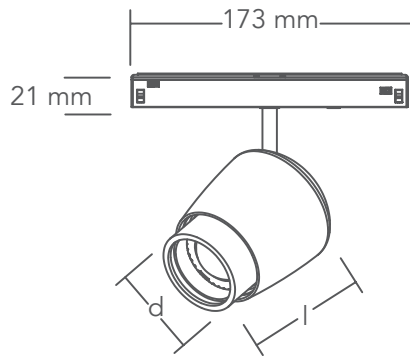
**Infinite Track Spot
Zoomable 0905 13W IP20**

PRODUCT HIGHLIGHTS

- ~ LED Track Light for 48V track system
- ~ High-quality aluminium LED Track Light providing symmetric light with maximum luminaire efficiency and optimum photometric properties
- ~ Available in white, black or chrome
- ~ Smart mechanical design allowing precise rotation of 355° and tilt angle adjustment up to 90°
- ~ Adjustable Beam Angle from 10° to 60°
- ~ Excellent Colour Consistency and CRI > 90
- ~ Fixed output LED driver is included with plug & play connection. Dimmable (DALI or 1-10V) driver available upon request
- ~ Colour temperature: 3'000K. Available upon request: 2'700K, and 4'000K

GENERAL CHARACTERISTICS

Product Name	Infinite Track Spot Zoomable 0905
LED Type	CITIZEN™ COB
Energy Efficiency Label	A+
Materials	Body Extruded aluminium finish Lens PMMA
Dimensions (d x l)	Ø 56 x 98 mm
Ingress Protection	IP20



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	ITSP0905A930□	ITSP0905A930□
Rated Power	13 W	13 W
Forward Current	300 mA	300 mA
Forward Voltage	36 V	36 V
Luminous Flux	1'220 lm	1'220 lm
Luminous Efficiency	94 lm/W	94 lm/W
Luminous Intensity	6'888 cd	1'240 cd
Beam Angle	10°	60°
Colour Name	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K
CRI	> 90	> 90

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	0.22	6'888	1.0	0.94	1'240
2.0	0.43	1'722	2.0	1.88	310
3.0	0.65	765	3.0	2.82	138
4.0	0.86	431	4.0	3.75	78
5.0	1.08	276	5.0	4.69	50

When ordering, please complete the product reference:

□ : Main Frame: W= White / B= Black / C= Chrome / 0= Customized RAL



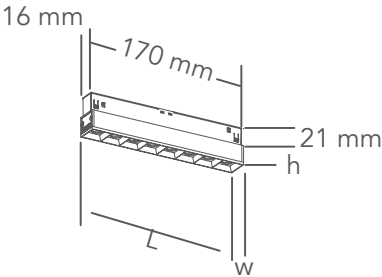
**Infinite Track
Profile 2321 8W IP40
LG**

PRODUCT HIGHLIGHTS

- ~ LED low glare fixture for 48V track system
- ~ High-quality aluminium LED linear track light providing symmetric light with maximum luminaire efficiency and optimum photometric properties
- ~ Colour temperature: 3'000K. Available upon request: 2'700K, and 4'000K
- ~ Excellent Colour Consistency and high CRI (CRI > 95)
- ~ Available in white or black
- ~ Fixed output LED driver is included with plug & play connection. Dimmable (DALI or 1-10V) driver available upon request

GENERAL CHARACTERISTICS

Product Name	Infinite Track Profile 2321
LED Type	SMD
Materials	Body Aluminium finish
Dimensions (L x w x h)	171 x 22.8 x 21 mm
Ingress Protection	IP40



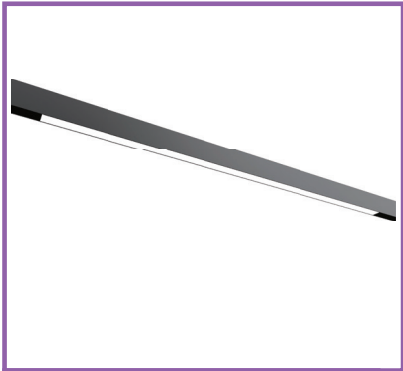
ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	ITLG2321SP930□	ITLG2321FL930□	ITLG2321WF930□	ITLG23212X48930□
Rated Power	8 W	8 W	8 W	8 W
Forward Current	350 mA	350 mA	350 mA	350 mA
Forward Voltage	24 V	24 V	24 V	24 V
Luminous Flux	857 lm	857 lm	857 lm	857 lm
Luminous Efficiency	107 m/W	107 m/W	107 m/W	107 m/W
Luminous Intensity	4'864 cd	1'542 cd	908 cd	2'186 cd
Beam Angle	15°	35°	50°	20° x 40°
Colour Name	Warm White	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K	3'000 K
CRI	> 95	> 95	> 95	> 95

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	0.29	4'864	1.0	0.64	1'542	1.0	0.63	908	1.0	0.36	2'186
2.0	0.58	1'216	2.0	1.28	385	2.0	1.27	227	2.0	1.73	547
3.0	0.87	541	3.0	1.92	171	3.0	1.91	101	3.0	1.10	243
4.0	1.16	304	4.0	2.56	96	4.0	2.55	57	4.0	1.47	137
5.0	1.45	195	5.0	3.20	62	5.0	3.19	36	5.0	1.84	87

When ordering, please complete the product reference:

□ : Main Frame: W= White / B= Black / 0= Customized RAL



**Infinite Track
Profile 2324 IP40
Opal**



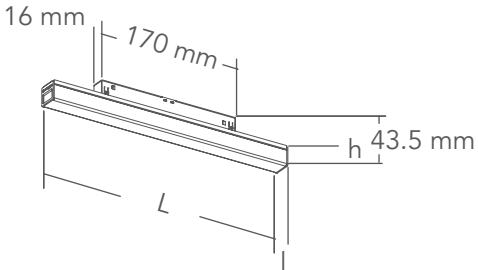
PRODUCT HIGHLIGHTS

- ~ LED linear profile for 48V track system
- ~ Colour temperature: 3'000K. Available upon request: 2'700K, and 4'000K
- ~ Fixed output LED driver is included with plug & play connection. Dimmable (DALI or 1-10V) driver available upon request
- ~ High-quality aluminium LED linear track light providing symmetric light with maximum luminaire efficiency and optimum photometric properties
- ~ Excellent Colour Consistency and high CRI (CRI > 95)
- ~ Frosted PMMA diffuser for LED linear solution without visible dots
- ~ Available in white or black



GENERAL CHARACTERISTICS

Product Name	Infinite Track Profile 2324	
Materials	Body	Aluminium
	Diffuser	PMMA
Dimensions (l x h)	22.8 x 24 mm	
Ingress Protection	IP40	



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	ITPR232406830	ITPR232412830
Rated Power	12 W	24 W
Forward Current	350 mA	350 mA
Forward Voltage	34 V	68 V
Luminous Flux	1'680 lm	3'300 lm
Luminous Efficiency	140 lm/W	140 lm/W
Beam Angle	120°	120°
Colour Name	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K
CRI	> 80	> 80
Dimensions (L)	600 mm	1200 mm



**Infinite Track
Orientable Profile 2324
IP20**



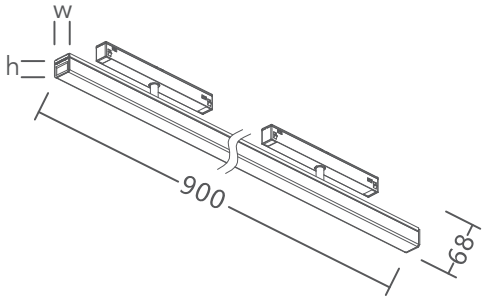
PRODUCT HIGHLIGHTS

- ~ LED linear orientable profile for 48V track system
- ~ Colour temperature: 3'000K. Available upon request: 2'700K, and 4'000K
- ~ Fixed output LED driver is included with plug & play connection. Dimmable (DALI or 1-10V) driver available upon request
- ~ High-quality aluminium LED linear track light providing symmetric light with maximum luminaire efficiency and optimum photometric properties
- ~ Excellent Colour Consistency and high CRI (CRI > 90)
- ~ Available in white or black



GENERAL CHARACTERISTICS

Product Name	Infinite Track Orientable Profile 2324 IP20
Product Reference	ITPR232409930BO
LED Type	SMD
Energy Efficiency Label	A+
Materials	Body Aluminium Diffuser PC Optical Cover
Dimensions (w x h)	22.8 x 24 mm
Ingress Protection	IP20



ELECTRICAL CHARACTERISTICS

Rated Power	15 W
Forward Current	400 mA
Forward Voltage	39V



LIGHT CHARACTERISTICS

Luminous Flux	1'467 lm
Luminous Efficiency	98 lm/W
Beam Angle	120°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 90



CREO Light.
Light years ahead.



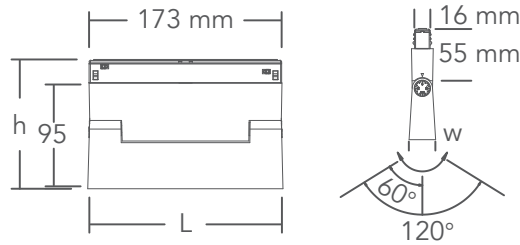
**Infinite Track Tilttable
Low Glare 13W IP20**

PRODUCT HIGHLIGHTS

- ~ Tilttable LED low glare fixture for 48V track system
- ~ Colour temperature: 3'000K. Available upon request: 2'700K, and 4'000K
- ~ Excellent Colour Consistency and high CRI (CRI > 95)
- ~ High-quality aluminium LED linear track light providing symmetric light with maximum luminaire efficiency and optimum photometric properties
- ~ Fixed output LED driver is included with plug & play connection. Dimmable (DALI or 1-10V) driver available upon request
- ~ Available in white or black
- ~ Smart mechanical design allowing precise tilt angle adjustment up to 120°

GENERAL CHARACTERISTICS

Product Name	Infinite Track Tilttable Low Glare
LED Type	SMD
Materials	Body Aluminium finish
Dimensions (L x w x h)	176 x 28 x 116 mm
Ingress Protection	IP20



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	ITLGA1812SP930□	ITLGA1812FL930□	ITLGA1812WF930□	ITLGA18122X48930□
Rated Power	13 W	13 W	13 W	13 W
Forward Current	500 mA	500 mA	500 mA	500 mA
Forward Voltage	38 V	38 V	38 V	38 V
Luminous Flux	1'350 lm	1'350 lm	1'350 lm	1'350 lm
Luminous Efficiency	104 m/W	104 m/W	104 m/W	104 m/W
Luminous Intensity	8'226 cd	3'410 cd	1'129 cd	3'993 cd
Beam Angle	15°	35°	50°	20° x 40°
Colour Name	Warm White	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K	3'000 K
CRI	> 95	> 95	> 95	> 95

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	0.30	8'226	1.0	0.53	3'410	1.0	1.05	1'129	1.0	0.35	3'993
2.0	0.59	2'057	2.0	1.07	853	2.0	2.09	282	2.0	0.70	998
3.0	0.89	914	3.0	1.60	379	3.0	3.14	125	3.0	1.05	444
4.0	1.18	514	4.0	2.13	213	4.0	4.19	71	4.0	1.40	250
5.0	1.48	329	5.0	2.67	136	5.0	5.23	45	5.0	1.75	160

When ordering, please complete the product reference:

□ : Main Frame: W= White / B= Black / 0= Customized RAL



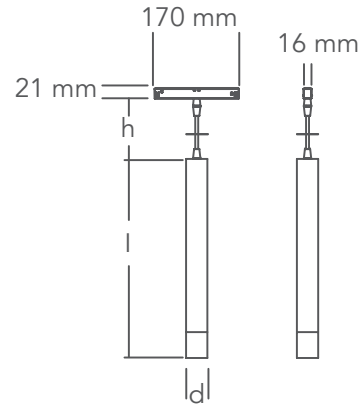
**Infinite Track
Tube 0440 8W IP40**

PRODUCT HIGHLIGHTS

- LED Tubular Track Light for 48V track system
- High-quality aluminium LED suspended fixture providing symmetric light with maximum luminaire efficiency and optimum photometric properties
- Colour temperature: 3'000K. Available upon request: 2'700K, and 4'000K
- Excellent Colour Consistency and high CRI (CRI > 93)
- Available in white or black
- Fixed output LED driver is included with plug & play connection. Dimmable (DALI or 1-10V) driver available upon request

GENERAL CHARACTERISTICS

Product Name	Infinite Track Tube 0440
LED Type	CITIZEN™ COB
Energy Efficiency Label	A+
Materials	Body Extruded aluminium finish Lens PMMA
Dimensions (d x l; h)	Ø 43 x 400 mm; 44.8 mm
Ingress Protection	IP40



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	ITTU0440SP930□	ITTU0440FL930□	ITTU0440WF930□	ITTU0440VW930□
Rated Power	8 W	8 W	8 W	8 W
Forward Current	700 mA	700 mA	700 mA	700 mA
Forward Voltage	11.2 V	11.2 V	11.2 V	11.2 V
Luminous Flux	639 lm	639 lm	639 lm	639 lm
Luminous Efficiency	80 lm/W	80 lm/W	80 lm/W	80 lm/W
Luminous Intensity	3'826 cd	3'041 cd	1'400 cd	619 cd
Beam Angle	18°	24°	38°	60°
Colour Name	Warm White	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K	3'000 K
CRI	> 93	> 93	> 93	> 93

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	0.33	3'826	1.0	0.39	3'041	1.0	0.65	1'400	1.0	1.12	619
2.0	0.66	957	2.0	0.78	760	2.0	1.30	350	2.0	2.25	155
3.0	1.00	425	3.0	1.18	338	3.0	1.95	156	3.0	3.37	69
4.0	1.33	239	4.0	1.57	190	4.0	2.60	87	4.0	4.49	39
5.0	1.66	153	5.0	1.96	122	5.0	3.25	56	5.0	5.61	25

When ordering, please complete the product reference:

□ : Main Frame: W= White / B= Black / 0= Customized RAL



CREO Light.
Light years ahead.



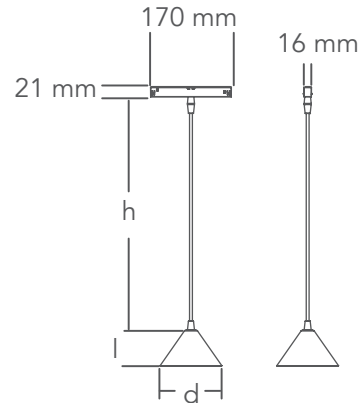
**Infinite Track
Cone 1307 8W IP40**

PRODUCT HIGHLIGHTS

- ~ LED fixture for 48V track system
- ~ Colour temperature: 3'000K. Available upon request: 2'700K, and 4'000K
- ~ Fixed output LED driver is included with plug & play connection. Dimmable (DALI or 1-10V) driver available upon request
- ~ High-quality aluminium LED suspended fixture providing symmetric light with maximum luminaire efficiency and optimum photometric properties
- ~ Excellent Colour Consistency and high CRI (CRI > 93)
- ~ Available in white or black

GENERAL CHARACTERISTICS

Product Name	Infinite Track Cone 1307
LED Type	CITIZEN™ COB
Energy Efficiency Label	A+
Materials	Body: Extruded aluminium finish Lens: PMMA
Dimensions (d x l; h)	Ø 130 x 76 mm; 490 mm
Ingress Protection	IP40



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	ITCO1307SP930□	ITCO1307FL930□	ITCO1307WF930□	ITCO1307VW930□
Rated Power	8 W	8 W	8 W	8 W
Forward Current	350 mA	350 mA	350 mA	350 mA
Forward Voltage	23 V	23 V	23 V	23 V
Luminous Flux	720 lm	720 lm	720 lm	720 lm
Luminous Efficiency	90 lm/W	90 lm/W	90 lm/W	90 lm/W
Luminous Intensity	2'370 cd	1'635 cd	948 cd	540 cd
Beam Angle	18°	24°	40°	60°
Colour Name	Warm White	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K	3'000 K
CRI	> 93	> 93	> 93	> 93

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
1.0	0.34	2'370	1.0	0.38	1'635	1.0	0.74	948	1.0	1.15	540
2.0	0.68	593	2.0	0.77	409	2.0	1.49	237	2.0	2.31	135
3.0	1.03	263	3.0	1.16	182	3.0	2.24	105	3.0	3.47	60
4.0	1.37	148	4.0	1.54	102	4.0	2.99	59	4.0	4.62	34
5.0	1.72	95	5.0	1.93	65	5.0	3.74	38	5.0	5.78	22

When ordering, please complete the product reference:

□ : Main Frame: W= White / B= Black / 0= Customized RAL



**Infinite Track Short
Pendant Mirror Globe**



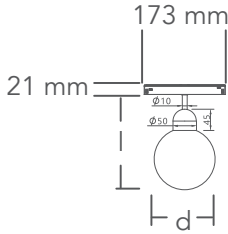
PRODUCT HIGHLIGHTS

- ~ LED fixture for 48V track system
- ~ Colour temperature: 3'000K. Available upon request: 2'700K, and 4'000K
- ~ Fixed output LED driver is included with plug & play connection. Dimmable (DALI or 1-10V) driver available upon request
- ~ High-quality aluminium LED suspended fixture providing symmetric light with maximum luminaire efficiency and optimum photometric properties
- ~ Excellent Colour Consistency and high CRI (CRI > 90)
- ~ Available in white or black



GENERAL CHARACTERISTICS

Product Name	Infinite Track Short Pendant Mirror Globe
Product Reference	ITGLB13SHBGB
LED Type	SMD
Energy Efficiency Label	A+
Materials	Body Mirror Glass
Dimensions (d x l)	Ø 130 x 201 mm
Ingress Protection	IP20



ELECTRICAL CHARACTERISTICS

Rated Power	5 W
Forward Current	500 mA
Forward Voltage	10V



LIGHT CHARACTERISTICS

Luminous Flux	462 lm
Luminous Efficiency	92 lm/W
Beam Angle	270°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 90



**Infinite Track
Pendant Mirror Globe**



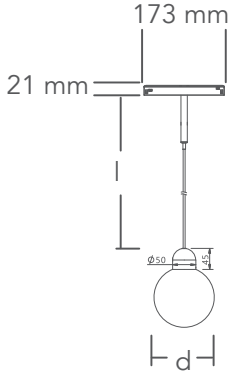
PRODUCT HIGHLIGHTS

- ~ LED fixture for 48V track system
- ~ Colour temperature: 3'000K. Available upon request: 2'700K, and 4'000K
- ~ Fixed output LED driver is included with plug & play connection. Dimmable (DALI or 1-10V) driver available upon request
- ~ High-quality aluminium LED suspended fixture providing symmetric light with maximum luminaire efficiency and optimum photometric properties
- ~ Excellent Colour Consistency and high CRI (CRI > 90)
- ~ Available in white or black



GENERAL CHARACTERISTICS

Product Name	Infinite Track Pendant Mirror Globe
Product Reference	ITGLB13PEBGB
LED Type	SMD
Energy Efficiency Label	A+
Materials	Body Mirror Glass
Dimensions (d x l)	Ø 130 x 1'000 mm
Ingress Protection	IP20



ELECTRICAL CHARACTERISTICS

Rated Power	5 W
Forward Current	500 mA
Forward Voltage	10V

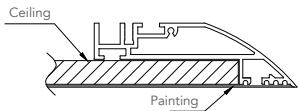
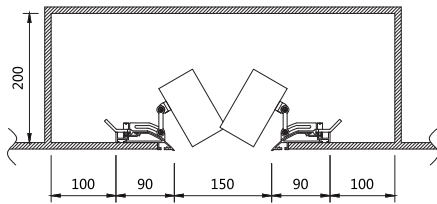
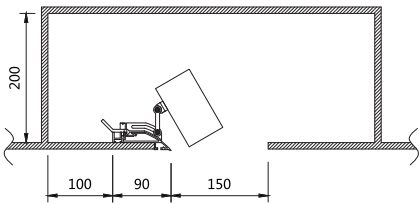
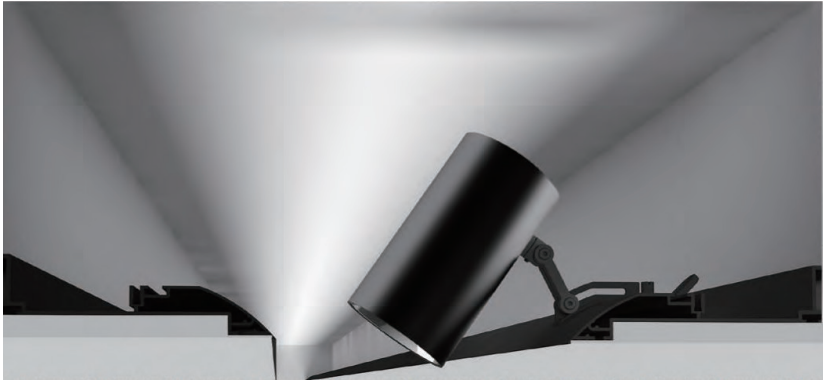


LIGHT CHARACTERISTICS

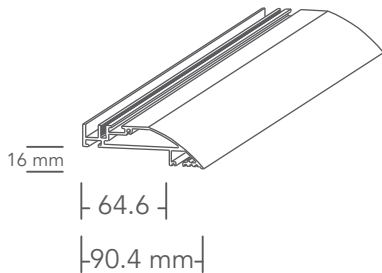
Luminous Flux	462 lm
Luminous Efficiency	92 lm/W
Beam Angle	270°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 90



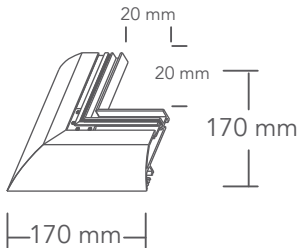
BLADE SYSTEM ACCESSORIES G2



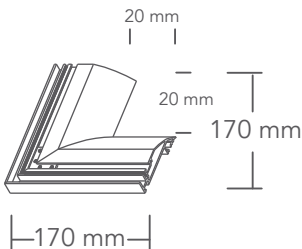
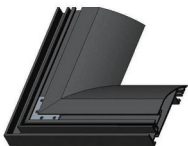
BSPRO1504G2: BLADE SYSTEM PROFILE 1504 2M NON ANODIZED ALUMINIUM



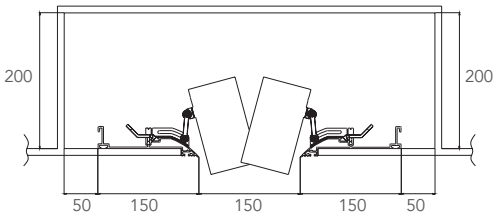
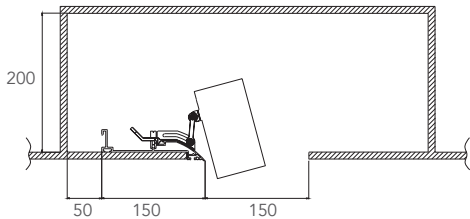
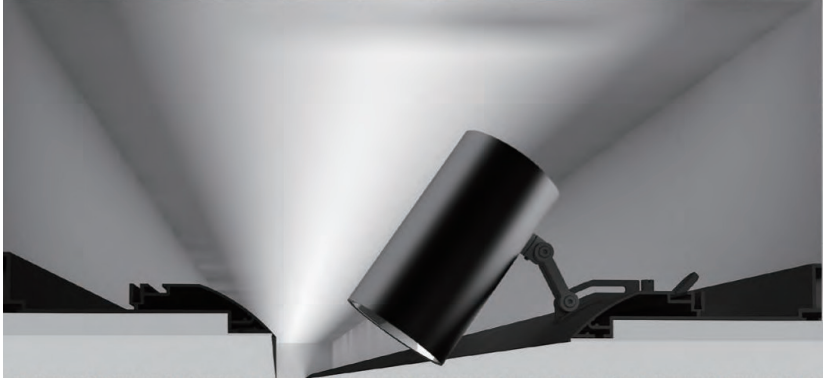
BSAOC90G2: BLADE SYSTEM 90° OUTER CORNER NON ANODIZED ALUMINIUM



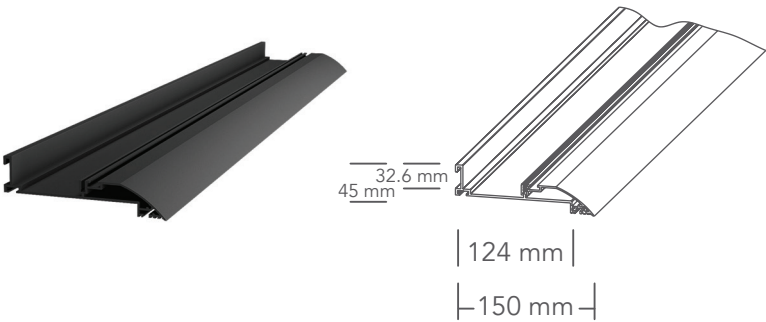
BSAIC90G2: BLADE SYSTEM 90° INNER CORNER NON ANODIZED ALUMINIUM



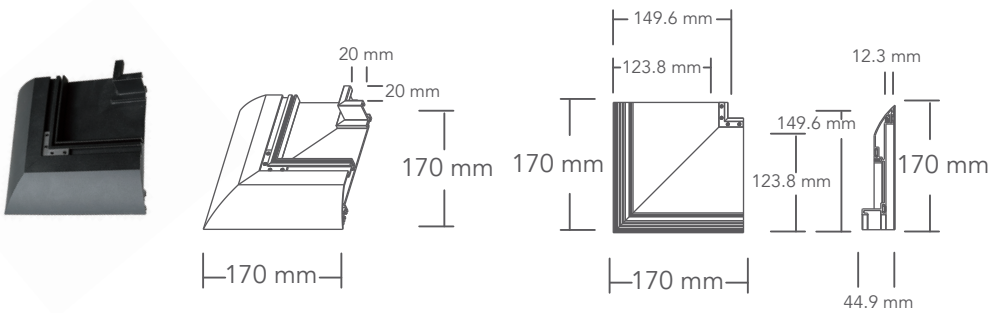
BLADE SYSTEM ACCESSORIES



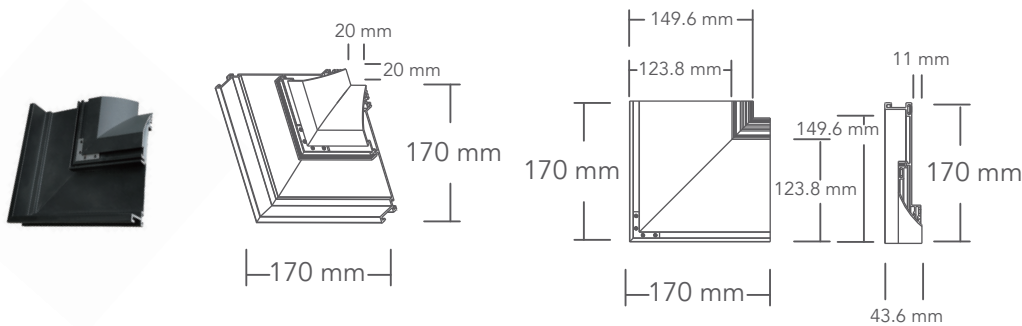
BS-PRO1504: BLADE SYSTEM PROFILE 1504 2M NON ANODIZED ALUMINIUM



BSAOC90: BLADE SYSTEM 90° OUTER CORNER NON ANODIZED ALUMINIUM



BSAIC90: BLADE SYSTEM 90° INNER CORNER NON ANODIZED ALUMINIUM





CREO Light.
Light years ahead.



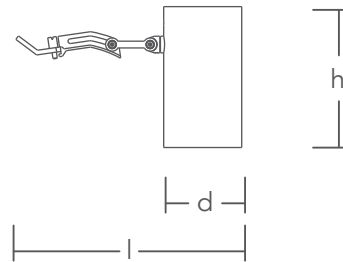
**Blade System Spot
BSSP0610
11W 350mA WW IP20**

PRODUCT HIGHLIGHTS

- LED Track Spot from the Blade System Serie with consistent colour temperature
- Smart mechanical design allowing precise rotation of 355° and tilt angle adjustment up to 90°
- Excellent Colour Rendering (CRI>90)
- Operates with 350 mA constant current LED driver (driver not included)
- Simple installation on zero edge track
- Uniform light distribution
- Long service lifetime of 30'000 hours
- 2'700 K and 4'000 K versions available upon request
- No UV or IR emissions. No mercury
- Available in white or black

GENERAL CHARACTERISTICS

Product Name	Blade System Spot BSSP0610 11W 350mA WW IP20
Energy Efficiency Label	A
Materials	Body Aluminium
LED Type	CITIZEN™ COB
LED Quantity	1
Average Lifetime	30'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h x l)	Ø 61 x 103 x 198 mm



ELECTRICAL CHARACTERISTICS

System Power	11W
Forward Voltage	31V DC
Forward Current	350 mA

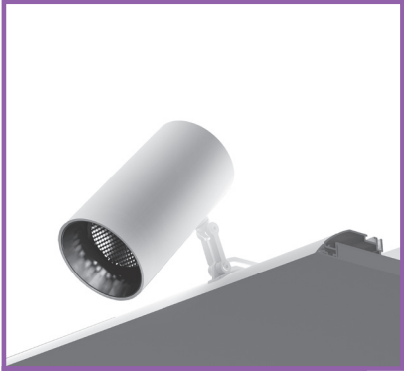
LIGHT CHARACTERISTICS

Product Reference	BSSP0610SP830	BSSP0610FL830	BSSP0610WF830
Luminous Flux	1'300 lm	1'300 lm	1'300 lm
Luminous Efficiency	118 lm/W	118 lm/W	118 lm/W
Luminous Intensity	10'513 cd	2'542 cd	1'052 cd
Beam Angle	15°	36°	60°
Colour Name	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K
CRI	> 90	> 90	> 90

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
0.5	0.13	42'052	0.5	0.31	10'168	0.5	0.48	4'208
1.0	0.26	10'513	1.0	0.61	2'542	1.0	0.95	1'052
1.5	0.40	4'672	1.5	0.92	1'130	1.5	1.43	468
2.0	0.53	2'628	2.0	1.22	636	2.0	1.91	263
2.5	0.67	1'682	2.5	1.53	407	2.5	2.39	168
3.0	0.80	1'168	3.0	1.84	282	3.0	2.86	117



CREO Light.
Light years ahead.



**Blade System Spot
BSSP0713
18W 450mA WW IP20**

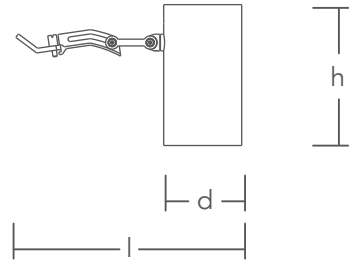


PRODUCT HIGHLIGHTS

- ~ LED Track Spot from the Blade System Serie with consistent colour temperature
- ~ Operates with 450 mA constant current LED driver (driver not included)
- ~ Long service lifetime of 30'000 hours
- ~ Smart mechanical design allowing precise rotation of 355° and tilt angle adjustment up to 90°
- ~ Simple installation on zero edge track
- ~ 2'700 K and 4'000 K versions available upon request
- ~ Excellent Colour Rendering (CRI>90)
- ~ Uniform light distribution
- ~ No UV or IR emissions. No mercury
- ~ Available in white or black

GENERAL CHARACTERISTICS

Product Name	Blade System Spot BSSP0713 18W 450mA WW IP20	
Energy Efficiency Label	A	
Materials	Body	Aluminium
LED Type	CITIZEN™ COB	
LED Quantity	1	
Average Lifetime	30'000 hours	
Start Time from 0% to 100%	0 sec	
Mercury Content	0.0 mg	
Ingress Protection	IP20	
Dimensions (d x h x l)	Ø 70 x 130 x 208 mm	



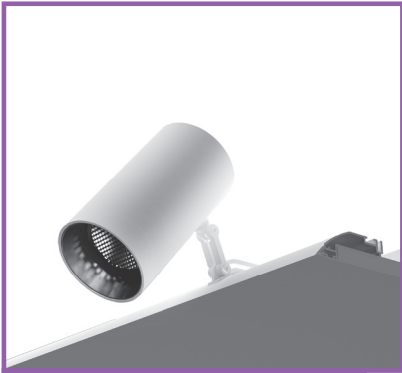
ELECTRICAL CHARACTERISTICS

System Power	18W
Forward Voltage	36V DC
Forward Current	450 mA



LIGHT CHARACTERISTICS

Product Reference	BSSP0713SP830			BSSP0713FL830			BSSP0713WF830		
Luminous Flux	1'897 lm			1'897 lm			1'897 lm		
Luminous Efficiency	105 lm/W			105 lm/W			105 lm/W		
Luminous Intensity	13'552 cd			3'855 cd			1'616 cd		
Beam Angle	15°			36°			60°		
Colour Name	Warm White			Warm White			Warm White		
Colour Temperature (CCT)	3'000 K			3'000 K			3'000 K		
CRI	>90			>90			>90		
	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
	0.5	0.14	54'208	0.5	0.32	15'420	0.5	0.53	6'464
	1.0	0.28	13'552	1.0	0.63	3'855	1.0	1.05	1'616
	1.5	0.42	6'023	1.5	0.95	1'713	1.5	1.58	718
	2.0	0.56	3'388	2.0	1.27	964	2.0	2.10	404
	2.5	0.71	2'168	2.5	1.59	617	2.5	2.63	259
	3.0	0.85	1'506	3.0	1.91	428	3.0	3.16	180



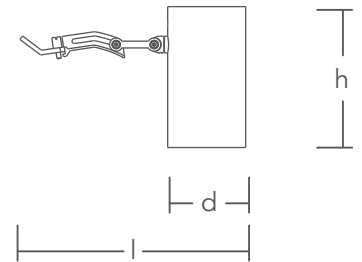
**Blade System Spot
BSSP0713
23W 500mA WW IP20**

PRODUCT HIGHLIGHTS

- LED Track Spot from the Blade System Serie with consistent colour temperature
- Smart mechanical design allowing precise rotation of 355° and tilt angle adjustment up to 90°
- Excellent Colour Rendering (CRI>90)
- Operates with 500 mA constant current LED driver (driver not included)
- Simple installation on zero edge track
- Uniform light distribution
- Long service lifetime of 30'000 hours
- 2'700 K and 4'000 K versions available upon request
- No UV or IR emissions. No mercury
- Available in white or black

GENERAL CHARACTERISTICS

Product Name	Blade System Spot BSSP0713 23W 500mA WW IP20
Energy Efficiency Label	A
Materials	Body Aluminium
LED Type	CITIZEN™ COB
LED Quantity	1
Average Lifetime	30'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (d x h x l)	Ø 70 x 130 x 208 mm



ELECTRICAL CHARACTERISTICS

System Power	23W
Forward Voltage	36V DC
Forward Current	500 mA

LIGHT CHARACTERISTICS

Product Reference	BSSP0713SP830			BSSP0713FL830			BSSP0713WF830		
Luminous Flux	2'468 lm			2'468 lm			2'468 lm		
Luminous Efficiency	107 lm/W			107 lm/W			107 lm/W		
Luminous Intensity	17'961 cd			4'886 cd			2'040 cd		
Beam Angle	15°			36°			60°		
Colour Name	Warm White			Warm White			Warm White		
Colour Temperature (CCT)	3'000 K			3'000 K			3'000 K		
CRI	>90			>90			>90		
	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
	0.5	0.14	71'844	0.5	0.32	19'544	0.5	0.53	8'160
	1.0	0.28	17'961	1.0	0.63	4'886	1.0	1.05	2'040
	1.5	0.42	7'983	1.5	0.95	2'172	1.5	1.58	907
	2.0	0.56	4'490	2.0	1.27	1'222	2.0	2.10	510
	2.5	0.71	2'874	2.5	1.59	782	2.5	2.63	326
	3.0	0.85	1'996	3.0	1.91	543	3.0	3.16	227



CREO Light.
Light years ahead.



**Cylindrical Surface Mounted Downlight
DCSM0910 15W IP54**

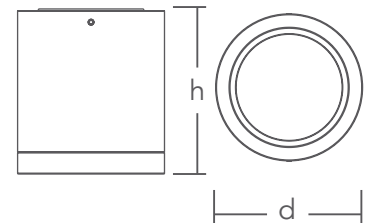


PRODUCT HIGHLIGHTS

- ~ Cylindrical Surface Mounted LED downlight
- ~ Simple surface mounting installation
- ~ Built-in fixed output LED driver included
- ~ Dimmable LED driver available upon request
- ~ Symmetric light distribution with optimum photometric properties
- ~ High colour consistency and excellent CRI (CRI > 80)
- ~ Available in black or white
- ~ Long service lifetime of 40'000 hours

GENERAL CHARACTERISTICS

Product Name	LED Cylindrical Surface Mounted Downlight DCSM0910 15W IP54
Energy Efficiency Label	A+
Materials	Body Aluminium
LED Type	COB
Service Lifetime	40'000 hours
Power Factor	> 0.9
Ingress Protection	IP54
Temperature Range	-20° ... +50°C
Operating Frequency	50-60 Hz
Input Voltage	100-240V AC



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT	CRI	DIAMETER (d) (mm)	HEIGHT (h) (mm)	WEIGHT (g)
DCSM0910VW827	15 W	60°	1'300	87	3'000K	> 80	Ø 90	100	520
DCSM0910VW830	15 W	60°	1'470	98	4'000K	> 80	Ø 90	100	520
DCSM0910VW840	15 W	60°	1'580	105	5'700K	> 80	Ø 90	100	520
DCSM0910VW850	15 W	60°	1'600	106	3'000K	> 80	Ø 90	100	520



CREO Light.
Light years ahead.



Cylindrical Surface Mounted Downlight DCSM1211 25W IP54

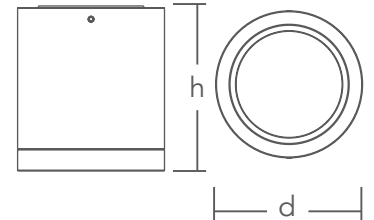


PRODUCT HIGHLIGHTS

- ~ Cylindrical Surface Mounted LED downlight
- ~ Simple surface mounting installation
- ~ Built-in fixed output LED driver included
- ~ Dimmable LED driver available upon request
- ~ Symmetric light distribution with optimum photometric properties
- ~ High colour consistency and excellent CRI (CRI > 80)
- ~ Available in black or white
- ~ Long service lifetime of 40'000 hours

GENERAL CHARACTERISTICS

Product Name	LED Cylindrical Surface Mounted Downlight DCSM1211 25W IP54
Energy Efficiency Label	A+
Materials	Body Aluminium
LED Type	COB
Service Lifetime	40'000 hours
Power Factor	> 0.9
Ingress Protection	IP54
Temperature Range	-20° ... +50°C
Operating Frequency	50-60 Hz
Input Voltage	100-240V AC



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT	CRI	DIAMETER (d) (mm)	HEIGHT (h) (mm)	WEIGHT (g)
DCSM1211FL827	25 W	24°	2'050	82	2'700K	> 80	Ø 120	110	750
DCSM1211WF827	25 W	45°	2'050	82	2'700K	> 80	Ø 120	110	750
DCSM1211VW827	25 W	60°	2'050	82	2'700K	> 80	Ø 120	110	750
DCSM1211FL830	25 W	24°	2'850	114	3'000K	> 80	Ø 120	110	750
DCSM1211WF830	25 W	45°	2'850	114	3'000K	> 80	Ø 120	110	750
DCSM1211VW830	25 W	60°	2'850	114	3'000K	> 80	Ø 120	110	750
DCSM1211FL840	25 W	24°	2'950	118	4'000K	> 80	Ø 120	110	750
DCSM1211WF840	25 W	45°	2'950	118	4'000K	> 80	Ø 120	110	750
DCSM1211VW840	25 W	60°	2'950	118	4'000K	> 80	Ø 120	110	750
DCSM1211FL850	25 W	24°	3'070	122	5'000K	> 80	Ø 120	110	750
DCSM1211WF850	25 W	45°	3'070	122	5'000K	> 80	Ø 120	110	750
DCSM1211VW850	25 W	60°	3'070	122	5'000K	> 80	Ø 120	110	750



**Ceiling Surface Mounted Fixture
CLSM2818 3CCT IP65**

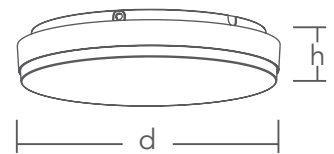


PRODUCT HIGHLIGHTS

- ~ Surface Mounted Ceiling LED fixture for damp environments and covered exterior areas
- ~ Chemically resistant against alcohol, ethanol and hydrogen peroxide
- ~ Integrated slide switch 3 in 1. Possibility to choose between 3'000K, 4'000K or 6'500K
- ~ High luminous efficacy up to 83 lm/w
- ~ 3 years guarantee
- ~ Areas of application: Indoor and outdoor locations, Industrial and storage facilities, Car parks and underpasses, Garages, Workshops and assembly lines

GENERAL CHARACTERISTICS

Product Name	LED Ceiling Surface Mounted Fixture CLSM2818 3CCT IP65	
Energy Efficiency Label	A+	
Materials	Housing	PC and ABS
	Cover	Opal PC
Service Lifetime	20'000 hours	
Power Factor	≥ 0.9	
Ingress Protection	IP65	
IK Rating	IK06	
Temperature Range	-20° ... +50°C	
Dimensions (d x h)	Ø 280 x 55 mm	



ELECTRICAL CHARACTERISTICS

System Power	18W
Input Voltage	220-240V AC
Operating Frequency	50-60 Hz



LIGHT CHARACTERISTICS

Product Reference	CLSM2818
Luminous Flux	1'500 lm
Luminous Efficiency	83 lm/W
Beam Angle	120°
Colour Temperature (CCT)	3 in 1
CRI	> 80



**LED Wall Fixture
Cylinder WFC IP65**

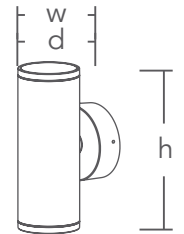


PRODUCT HIGHLIGHTS

- LED wall cylindrical fixture
- Dimmable LED driver available upon request
- High colour consistency and excellent CRI (CRI > 80)
- Simple wall mounting installation
- Symmetric light distribution with optimum photometric properties
- Available in black or white
- Built-in fixed output LED driver included
- Long service lifetime of 50'000 hours

GENERAL CHARACTERISTICS

Product Name	LED Wall Fixture Cylinder WFC IP65
Energy Efficiency Label	A+
Materials	Housing Aluminium
LED Type	COB
Service Lifetime	50'000 hours
Power Factor	0.9
Ingress Protection	IP65
Temperature Range	-20° ... +50°C
Operating Frequency	50-60 Hz
Input Voltage	100-240V AC



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT	CRI	DIAMETER (d) (mm)	HEIGHT (h) (mm)	WIDTH (w) (mm)	WEIGHT (g)
WFC0617SP830	10 W	15°	700	70	3'000K	> 80	Ø 60	170	105	600
WFC0617FL830	10 W	24°	700	70	3'000K	> 80	Ø 60	170	105	600
WFC0617WF830	10 W	60°	700	70	3'000K	> 80	Ø 60	170	105	600
WFC0720SP830	20 W	15°	2'000	100	3'000K	> 80	Ø 76	200	121	900
WFC0720WF830	20 W	36°	2'000	100	3'000K	> 80	Ø 76	200	121	900
WFC0720VW830	20 W	60°	2'000	100	3'000K	> 80	Ø 76	200	121	900
WFC1023SP830	27 W	15°	2'800	104	3'000K	> 80	Ø 100	230	145	1'200
WFC1023WF830	27 W	24°	2'800	104	3'000K	> 80	Ø 100	230	145	1'200
WFC1023VW830	27 W	60°	2'800	104	3'000K	> 80	Ø 100	230	145	1'200



**Oval Bulkhead Surface Mounted Fixture
BOSM2113 IP54**

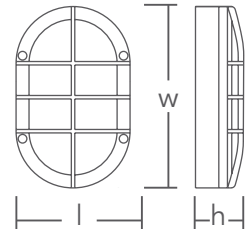


PRODUCT HIGHLIGHTS

- ~ Wall bulkhead LED fixture for damp environments and covered exterior areas
- ~ Chemically resistant against alcohol, ethanol and hydrogen peroxide
- ~ Areas of application: Industrial and storage facilities, Car parks and underpasses, Garages, Workshops and assembly lines
- ~ Simple assembly of diffuser and housing after electrical connection
- ~ High luminous efficacy up to 70 lm/w
- ~ 3 years guarantee

GENERAL CHARACTERISTICS

Product Name	LED Oval Bulkhead Surface Mounted Fixture BOSM2113 IP54	
Energy Efficiency Label	A+	
Materials	Housing	Aluminum
	Cover	Opal PC
Service Lifetime	20'000 hours	
Ingress Protection	IP54	
Temperature Range	-20° ... +50°C	
Operating Frequency	50-60 Hz	
Input Voltage	220-240V AC	



ELECTRICAL & PHOTOMETRIC CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT	LENGTH (l) (mm)	WIDTH (w) (mm)	HEIGHT (h) (mm)
BOSM2113WW	10 W	120°	700 lm	70	3'000K	210	132	65
BOSM2113NW	10 W	120°	700 lm	70	4'000K	210	132	65
BOSM2113DL	10 W	120°	700 lm	70	6'000K	210	132	65



**Oval Bulkhead Light
Surface Mounted
BOSM211044 IP44**



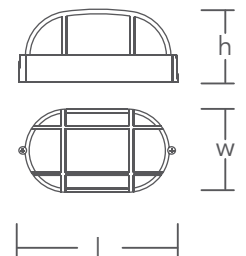
PRODUCT HIGHLIGHTS

- ~ Surface mounted bulkhead light for outdoor use
- ~ Suitable for E27 Lamps
- ~ Body made of aluminium



GENERAL CHARACTERISTICS

Product Name	Oval Bulkhead Light Surface Mounted BOSM211044 IP44
Base	E27 (max 40W)
Materials	Body Aluminium Cover Tempered Glass
Ingress Protection	IP44
Dimensions (l x h x w)	213 x 107 x 95 mm



ELECTRICAL CHARACTERISTICS

Input Voltage	100-240V AC
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CREO Light.
Light years ahead.



Inground Light
UL01F 1.5W 24V
WW IP68

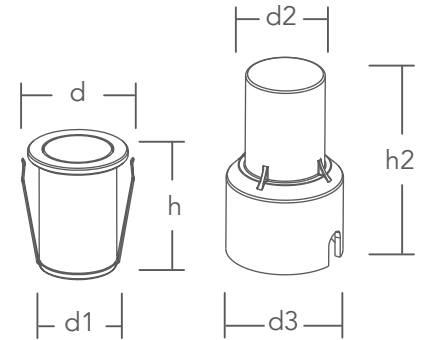


PRODUCT HIGHLIGHTS

- ~ Recessed fitting for ground installation for outdoor and indoor use
- ~ High brightness LED light with consistent colour temperature
- ~ Body made of sand casting stainless steel "316L"
- ~ ABS installation housing. 0.5 meter of waterproof cable connector
- ~ Long service lifetime of 30'000 hours
- ~ No UV or IR emissions. No mercury

GENERAL CHARACTERISTICS

Product Name	LD UL01F 1.5W 24V WW IP68
Energy Efficiency Label	A
Materials	Body Sand Casting 316L Stainless Steel Diffuser Tempered Glass
LED Type	COB
LED Quantity	1
Average Lifetime	30'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP68
IK Rating	IK06
Dimensions (d x h; d1)	Ø 35 x 42 mm; Ø 27 mm
Housing Dim. (d2 x h2; d3)	Ø 34 x 83 mm; Ø 50 mm



ELECTRICAL CHARACTERISTICS

System Power	1.5W
Input Voltage	24V DC



LIGHT CHARACTERISTICS

Product Reference	UL01F 1.5W/WWFL/830
Luminous Flux	100 lm
Luminous Intensity	67 lm/W
Beam Angle	120°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 80



Inground Light
UL02F 2.3W 24V
WW IP68

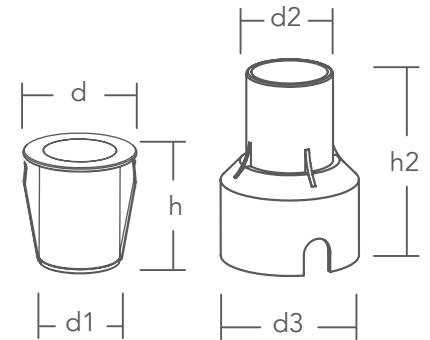


PRODUCT HIGHLIGHTS

- ~ Recessed fitting for ground installation for outdoor and indoor use
- ~ High brightness LED light with consistent colour temperature
- ~ Body made of sand casting stainless steel "316L"
- ~ ABS installation housing. 0.5 meter of waterproof cable connector
- ~ Long service lifetime of 30'000 hours
- ~ No UV or IR emissions. No mercury

GENERAL CHARACTERISTICS

Product Name	LD UL02F 2.3W 24V WW IP68
Energy Efficiency Label	A
Materials	Body Sand Casting 316L Stainless Steel Diffuser Tempered Glass
LED Type	COB
LED Quantity	1
Average Lifetime	30'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP68
IK Rating	IK06
Dimensions (d x h; d1)	Ø 50 x 51 mm; Ø 36 mm
Housing Dim. (d2 x h2; d3)	Ø 42 x 83 mm; Ø 67 mm



ELECTRICAL CHARACTERISTICS

System Power	2.3W
Input Voltage	24V DC



LIGHT CHARACTERISTICS

Product Reference	UL02F 2.3W/WWFL/830
Luminous Flux	150 lm
Luminous Intensity	65 lm/W
Beam Angle	120°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 80



CREO Light.
Light years ahead.



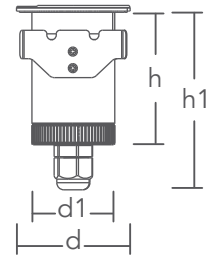
**Inground Light
Nano 2W 24V IP68**

PRODUCT HIGHLIGHTS

- ~ Recessed fitting for ground installation for outdoor and indoor use
- ~ High brightness LED light with consistent colour temperature and high CRI
- ~ Long service lifetime of 50'000 hours
- ~ Cover made of stainless steel "316L". Body made of anodized aluminium
- ~ Stainless top cover available
- ~ External 24V DC constant voltage LED driver required (not included)
- ~ 8 mm tempered glass enables drive over with maximum load of 1'000 Kg
- ~ 4'000K version available upon request. Frosted cover glass is optional
- ~ No UV or IR emissions. No mercury

GENERAL CHARACTERISTICS

Product Name	LD GL NANO 2W 24V IP68
Energy Efficiency Label	A
Materials	Body Anodized Aluminium Diffuser Tempered Glass Cover Stainless Steel "316L"
LED Type	CREE™
LED Quantity	1
Average Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP68
Dimensions (d x h; d1 x h1)	Ø 55 x 63 mm; Ø 40 x 84 mm
Weight	215 g



ELECTRICAL CHARACTERISTICS

System Power	2W
Forward Voltage	24V DC

LIGHT CHARACTERISTICS

Product Reference	GL NANO 2W/SP/830			GL NANO 2W/FL/830			GL NANO 2W/WFL/830		
Luminous Flux	120 lm			120 lm			120 lm		
Luminous Intensity	1'092 cd			551 cd			249 cd		
Luminous Efficiency	60 lm/W			60 lm/W			60 lm/W		
Beam Angle	15°			25°			40°		
Colour Name	Warm White			Warm White			Warm White		
Colour Temperature (CCT)	3'000 K			3'000 K			3'000 K		
CRI	83			83			83		
	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
	2.5	0.78	175	2.5	1.08	88	2.5	1.83	40
	2.0	0.52	273	2.0	0.86	138	2.0	1.46	62
	1.5	0.39	486	1.5	0.65	245	1.5	1.10	111
	1.0	0.26	1'092	1.0	0.43	551	1.0	0.73	249
	0.5	0.13	4'368	0.5	0.22	2'204	0.5	0.37	996



CREO Light.
Light years ahead.



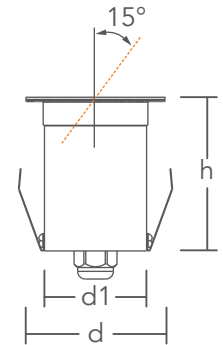
**Inground Light
Focal-R 2W 24V IP65**

PRODUCT HIGHLIGHTS

- ~ Recessed fitting for ground installation for outdoor and indoor use
- ~ High brightness LED light with consistent colour temperature and high CRI
- ~ Long service lifetime of 50'000 hours
- ~ Cover made of stainless steel "316L". Body made of anodized aluminium
- ~ External 24V DC constant voltage LED driver required (not included)
- ~ 8 mm tempered glass enables drive over with maximum load of 1'000 Kg
- ~ 4'000K version available upon request. Frosted cover glass is optional
- ~ No UV or IR emissions. No mercury

GENERAL CHARACTERISTICS

Product Name	LD GL FOCAL-R 2W 24V IP65
Energy Efficiency Label	A
Materials	Body Anodized Aluminium Diffuser Tempered Glass Cover Stainless Steel "316L"
LED Type	CREE™
LED Quantity	1
Average Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP65
Dimensions (d x h; d1)	Ø 55 x 70 mm; Ø 41 mm
Weight	180 g



ELECTRICAL CHARACTERISTICS

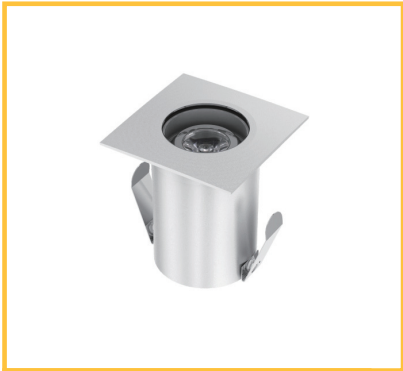
System Power	2W
Forward Voltage	24V DC

LIGHT CHARACTERISTICS

Product Reference	GL FOCAL-R 2W/SP/830			GL FOCAL-R 2W/FL/830			GL FOCAL-R 2W/WFL/830		
Luminous Flux	120 lm			120 lm			120 lm		
Luminous Intensity	1'092 cd			551 cd			249 cd		
Luminous Efficiency	60 lm/W			60 lm/W			60 lm/W		
Beam Angle	15°			25°			40°		
Colour Name	Warm White			Warm White			Warm White		
Colour Temperature (CCT)	3'000 K			3'000 K			3'000 K		
CRI	83			83			83		
	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
	2.5	0.78	175	2.5	1.08	88	2.5	1.83	40
	2.0	0.52	273	2.0	0.86	138	2.0	1.46	62
	1.5	0.39	486	1.5	0.65	245	1.5	1.10	111
	1.0	0.26	1'092	1.0	0.43	551	1.0	0.73	249
	0.5	0.13	4'368	0.5	0.22	2'204	0.5	0.37	996



CREO Light.
Light years ahead.



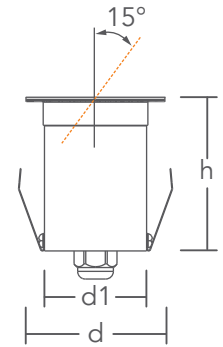
**Inground Light
Focal-S 2W 24V IP65**

PRODUCT HIGHLIGHTS

- ~ Recessed fitting for ground installation for outdoor and indoor use
- ~ High brightness LED light with consistent colour temperature and high CRI
- ~ Long service lifetime of 50'000 hours
- ~ Cover made of stainless steel "316L". Body made of anodized aluminium
- ~ External 24V DC constant voltage LED driver required (not included)
- ~ 8 mm tempered glass enables drive over with maximum load of 1'000 Kg
- ~ 4'000K version available upon request. Frosted cover glass is optional
- ~ No UV or IR emissions. No mercury

GENERAL CHARACTERISTICS

Product Name	LD GL FOCAL-S 2W 24V IP65
Energy Efficiency Label	A
Materials	Body Anodized Aluminium Diffuser Tempered Glass Cover Stainless Steel "316L"
LED Type	CREE™
LED Quantity	1
Average Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP65
Dimensions (d x h; d1)	55 x 70 mm; Ø 41 mm
Weight	180 g



ELECTRICAL CHARACTERISTICS

System Power	2W
Forward Voltage	24V DC

LIGHT CHARACTERISTICS

Product Reference	GL FOCAL-S 2W/SP/830			GL FOCAL-S 2W/FL/830			GL FOCAL-S 2W/WFL/830		
Luminous Flux	120 lm			120 lm			120 lm		
Luminous Intensity	1'092 cd			551 cd			249 cd		
Luminous Efficiency	60 lm/W			60 lm/W			60 lm/W		
Beam Angle	15°			25°			40°		
Colour Name	Warm White			Warm White			Warm White		
Colour Temperature (CCT)	3'000 K			3'000 K			3'000 K		
CRI	83			83			83		
	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
	2.5	0.78	175	2.5	1.08	88	2.5	1.83	40
	2.0	0.52	273	2.0	0.86	138	2.0	1.46	62
	1.5	0.39	486	1.5	0.65	245	1.5	1.10	111
	1.0	0.26	1'092	1.0	0.43	551	1.0	0.73	249
	0.5	0.13	4'368	0.5	0.22	2'204	0.5	0.37	996



CREO Light.
Light years ahead.



**Inground Light
UL0306 3W 230V IP67**



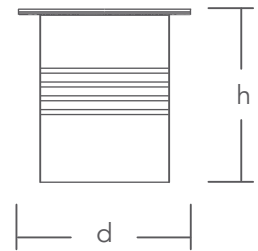
PRODUCT HIGHLIGHTS

- ~ Recessed fitting for ground installation for outdoor and indoor use
- ~ High brightness LED light with consistent colour temperature
- ~ Cover made of stainless steel "316". Body made of anodized aluminium
- ~ No UV or IR emissions. No mercury
- ~ Long service lifetime of 30'000 hours



GENERAL CHARACTERISTICS

Product Name	LD UL0306 3W 230V IP67
Energy Efficiency Label	A
Materials	Body Anodized Aluminium Diffuser Tempered Glass Cover Stainless Steel "316"
LED Type	COB
LED Quantity	1
Average Lifetime	30'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP67
IK Rating	IK08
Dimensions (d x h)	Ø 63 x 95 mm
Weight	437 g



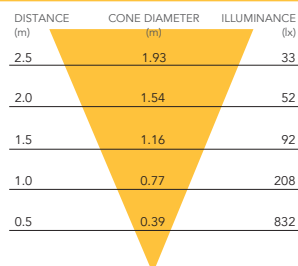
ELECTRICAL CHARACTERISTICS

System Power	3W
Forward Voltage	220-240V AC



LIGHT CHARACTERISTICS

Product Reference	UL0306 3W/WFL/830
Luminous Flux	100 lm
Luminous Intensity	208 cd
Luminous Efficiency	33 lm/W
Beam Angle	40°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	>80





CREO Light.
Light years ahead.



**Inground Light
ULV10309
3W 230V WW IP67**

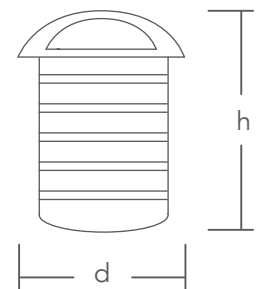


PRODUCT HIGHLIGHTS

- ~ Recessed fitting for ground installation for outdoor and indoor use
- ~ High brightness LED light with consistent colour temperature
- ~ Cover made of stainless steel "316". Body made of anodized aluminium
- ~ No UV or IR emissions. No mercury
- ~ Long service lifetime of 30'000 hours

GENERAL CHARACTERISTICS

Product Name	LD ULV10309 3W 230V WW IP67
Energy Efficiency Label	A
Materials	Body Anodized Aluminium Diffuser Tempered Glass Cover Stainless Steel "316"
LED Type	COB
LED Quantity	1
Average Lifetime	30'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP67
IK Rating	IK08
Dimensions (d x h)	Ø 88 x 120 mm
Weight	586 g



ELECTRICAL CHARACTERISTICS

System Power	3W
Input Voltage	220-240V AC



LIGHT CHARACTERISTICS

Product Reference	ULV10309 3W/WWFL/830
Luminous Flux	60 lm
Luminous Intensity	20 lm/W
Luminous Efficiency	125 cd
Beam Angle	90°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 80



CREO Light.
Light years ahead.



**Inground Light
Mini 4.8W 24V IP68**



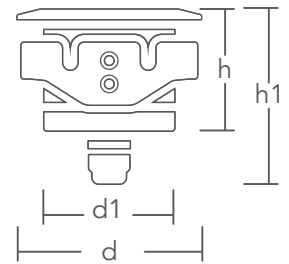
PRODUCT HIGHLIGHTS

- ~ Recessed fitting for ground installation for outdoor and indoor use
- ~ High brightness LED light with consistent colour temperature and high CRI
- ~ Long service lifetime of 50'000 hours
- ~ Cover made of stainless steel "316L". Body made of anodized aluminium
- ~ Optional: Body made of stainless steel "316"
- ~ External 24V DC constant voltage LED driver required (not included)
- ~ 8 mm tempered glass enables drive over with maximum load of 1'000 Kg
- ~ 4'000K version available upon request. Frosted cover glass is optional
- ~ No UV or IR emissions. No mercury



GENERAL CHARACTERISTICS

Product Name	LD GL MINI 4.8W 24V IP68
Energy Efficiency Label	A
Materials	Body Anodized Aluminium Diffuser Tempered Glass Cover Stainless Steel "316L"
LED Type	CREE™
LED Quantity	3
Average Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP68
Dimensions (d x h; d1 x h1)	Ø 90 x 52 mm; Ø 68 x 71 mm
Weight	515 g



ELECTRICAL CHARACTERISTICS

System Power	4.8W
Forward Voltage	24V DC



LIGHT CHARACTERISTICS

Product Reference	GL MINI 4.8W/SP/830	GL MINI 4.8W/FL/830	GL MINI 4.8W/WFL/830
Luminous Flux	380 lm	380 lm	380 lm
Luminous Intensity	1'981 cd	680 cd	456 cd
Luminous Efficiency	79 lm/W	79 lm/W	79 lm/W
Beam Angle	15°	40°	60°
Colour Name	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K
CRI	83	83	83

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
2.5	0.83	317	2.5	1.93	48	2.5	2.53	73
2.0	0.66	495	2.0	1.54	109	2.0	2.02	114
1.5	0.50	880	1.5	1.16	302	1.5	1.52	203
1.0	0.33	1'981	1.0	0.77	680	1.0	1.01	456
0.5	0.17	7'924	0.5	0.39	2'720	0.5	0.51	1'824



CREO Light.
Light years ahead.



**Inground Light
Maxi 11.5W 24V IP68**



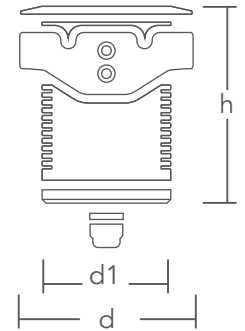
PRODUCT HIGHLIGHTS

- ~ Recessed fitting for ground installation for outdoor and indoor use
- ~ High brightness LED light with consistent colour temperature and high CRI
- ~ Long service lifetime of 50'000 hours
- ~ Cover made of stainless steel "316L". Body made of anodized aluminium
- ~ Optional: Body made of stainless steel "316"
- ~ External 24V DC constant voltage LED driver required (not included)
- ~ 8 mm tempered glass enables drive over with maximum load of 1'000 Kg
- ~ 4'000K version available upon request. Frosted cover glass is optional
- ~ No UV or IR emissions. No mercury



GENERAL CHARACTERISTICS

Product Name	LD GL MAXI 11.5W 24V IP68
Energy Efficiency Label	A
Materials	Body Anodized Aluminium Diffuser Tempered Glass Cover Stainless Steel "316L"
LED Type	CREE™
LED Quantity	7
Average Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP68
Dimensions (d x h; d1)	Ø 90 x 100 mm; Ø 68 mm
Weight	780 g



ELECTRICAL CHARACTERISTICS

System Power	11.5W
Forward Voltage	24V DC



LIGHT CHARACTERISTICS

Product Reference	GL MAXI 11.5W/SP/830			GL MAXI 11.5W/FL/830			GL MAXI 11.5W/WFL/830		
Luminous Flux	1'000 lm			1'000 lm			1'000 lm		
Luminous Intensity	3'771 cd			2'729 cd			901 cd		
Luminous Efficiency	87 lm/W			87 lm/W			87 lm/W		
Beam Angle	20°			30°			60°		
Colour Name	Warm White			Warm White			Warm White		
Colour Temperature (CCT)	3'000 K			3'000 K			3'000 K		
CRI	83			83			83		
	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
	2.5	1.03	603	2.5	1.40	437	2.5	2.90	144
	2.0	0.82	943	2.0	1.12	682	2.0	2.32	225
	1.5	0.62	1'676	1.5	0.84	1'213	1.5	1.74	400
	1.0	0.21	3'771	1.0	0.56	2'729	1.0	1.16	901
	0.5	0.17	15'084	0.5	0.28	10'916	0.5	0.58	3'604



CREO Light.
Light years ahead.



**Inground Light
UL0810 9W 24V DL IP68**



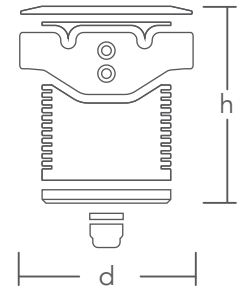
PRODUCT HIGHLIGHTS

- ~ Recessed fitting for ground installation for outdoor and indoor use
- ~ High brightness LED light with consistent colour temperature and high CRI
- ~ Body made of Stainless Steel
- ~ External 24V DC constant voltage LED driver required (not included)
- ~ Long service lifetime of 50'000 hours
- ~ No UV or IR emissions. No mercury



GENERAL CHARACTERISTICS

Product Name	LD UL0810 9W 24V DL IP68
Energy Efficiency Label	A
Materials	Body Stainless Steel Diffuser Tempered Glass
LED Brand	CREE™
LED Quantity	3
Average Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP68
Dimensions (d x h)	Ø 88.5 x 100.9 mm
Weight	780 g



ELECTRICAL CHARACTERISTICS

System Power	9W
Forward Voltage	24V DC



LIGHT CHARACTERISTICS

Product Reference	UL0810 9W/SP/860			UL0810 9W/FL/860			UL0810 9W/WFL/860		
Luminous Flux	700 lm			700 lm			700 lm		
Luminous Efficiency	78 lm/W			78 lm/W			78 lm/W		
Luminous Intensity	3'771 cd			2'729 cd			901 cd		
Beam Angle	10°			24°			40°		
Colour Name	Daylight			Daylight			Daylight		
Colour Temperature (CCT)	6'000 K			6'000 K			6'000 K		
CRI	83			83			83		
	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
	2.5	0.48	603	2.5	1.02	437	2.5	1.93	48
	2.0	0.38	943	2.0	0.81	682	2.0	1.54	109
	1.5	0.29	1'676	1.5	0.61	1'213	1.5	1.16	302
	1.0	0.19	3'771	1.0	0.40	2'729	1.0	0.77	680
	0.5	0.10	15'084	0.5	0.20	10'916	0.5	0.39	2'720



CREO Light.
Light years ahead.



**Inground Light
UL091167 IP67**



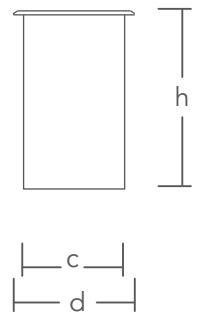
PRODUCT HIGHLIGHTS

- ~ Recessed fitting for ground installation for outdoor and indoor use
- ~ Cover made of stainless steel. Body made of anodized aluminium



GENERAL CHARACTERISTICS

Product Name	Inground Light UL091167 IP67
Base	GU10 (max 35W)
Materials	Body Anodized Aluminium
	Diffuser Tempered Glass
	Cover Stainless Steel
Ingress Protection	IP67
IK Rating	IK08
Dimensions (d x h; c)	Ø 92 x 112 mm; Ø 65 mm





**Inground Light
UL121267 IP67**

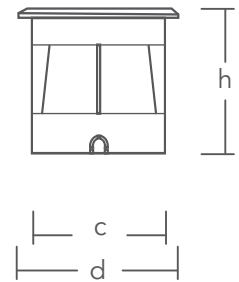


PRODUCT HIGHLIGHTS

- ~ Recessed fitting for ground installation for outdoor and indoor use
- ~ Adjustable lighting angle from 0 to 15°
- ~ Cover made of stainless steel. Body made of anodized aluminium

GENERAL CHARACTERISTICS

Product Name	Inground Light UL121267 IP67
Base	GU10 (max 35W)
Materials	Body Anodized Aluminium
	Diffuser Tempered Glass
	Cover Stainless Steel
Ingress Protection	IP67
IK Rating	IK08
Dimensions (d x h; c)	Ø 120 x 120 mm; Ø 100 mm





CREO Light.
Light years ahead.



**Floodlight
Nano 2W 24V WW IP68**

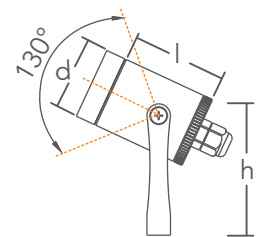


PRODUCT HIGHLIGHTS

- ~ Projector Light creating striking wall effect with focus beam for outdoor and indoor use
- ~ High brightness LED light with consistent colour temperature and high CRI
- ~ Long service lifetime of 50'000 hours
- ~ Cover made of stainless steel "316L". Body made anodized aluminium
- ~ External 24V DC constant voltage LED driver required (not included)
- ~ No UV or IR emissions. No mercury
- ~ 4'000K version available upon request. Frosted cover glass is optional
- ~ Available in black with triple layer coating for high resistance to corrosion

GENERAL CHARACTERISTICS

Product Name	LD FL NANO 2W 24V WW IP68
Energy Efficiency Label	A
Materials	Body Anodized Aluminium Diffuser Tempered Glass Cover Stainless Steel "316L"
LED Brand	CREE™
LED Type	COB
LED Quantity	1
Average Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP68
Dimensions (d x l; h)	Ø 40 x 65 mm; 72 mm
Weight	215 g



ELECTRICAL CHARACTERISTICS

System Power	2W
Forward Voltage	24V DC



LIGHT CHARACTERISTICS

Product Reference	FL NANO 2W/SP/830			FL NANO 2W/FL/830			FL NANO 2W/WFL/830		
Luminous Flux	120 lm			120 lm			120 lm		
Luminous Efficiency	60 lm/W			60 lm/W			60 lm/W		
Luminous Intensity	1'092 cd			551 cd			249 cd		
Beam Angle	15°			25°			40°		
Colour Name	Warm White			Warm White			Warm White		
Colour Temperature (CCT)	3'000 K			3'000 K			3'000 K		
CRI	83			83			83		
	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
	2.5	0.78	175	2.5	1.08	88	2.5	1.83	40
	2.0	0.52	273	2.0	0.86	138	2.0	1.46	62
	1.5	0.39	486	1.5	0.65	245	1.5	1.10	111
	1.0	0.26	1'092	1.0	0.43	551	1.0	0.73	249
	0.5	0.13	4'368	0.5	0.22	2'204	0.5	0.37	996



CREO Light.
Light years ahead.



**Floodlight
Mini 4.8W 24V WW IP68**



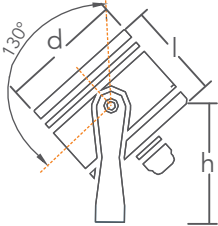
PRODUCT HIGHLIGHTS

- Projector Light creating striking wall effect with focus beam for outdoor and indoor use
- High brightness LED light with consistent colour temperature and high CRI
- Long service lifetime of 50'000 hours
- Cover made of stainless steel "316L". Body made anodized aluminium
- External 24V DC constant voltage LED driver required (not included)
- No UV or IR emissions. No mercury
- 4'000K version available upon request. Frosted cover glass is optional
- Available in black with triple layer coating for high resistance to corrosion



GENERAL CHARACTERISTICS

Product Name	LD FL MINI 4.8W 24V WW IP68
Energy Efficiency Label	A
Materials	Body Anodized Aluminium Diffuser Tempered Glass Cover Stainless Steel "316L"
LED Brand	CREE™
LED Quantity	3
Average Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP68
Dimensions (d x l; h)	Ø 68 x 54 mm; 67 mm
Weight	400 g



ELECTRICAL CHARACTERISTICS

System Power	4.8W
Forward Voltage	24V DC



LIGHT CHARACTERISTICS

Product Reference	FL MINI 4.8W/SP/830			FL MINI 4.8W/FL/830			FL MINI 4.8W/WFL/830		
Luminous Flux	380 lm			380 lm			380 lm		
Luminous Efficiency	79 lm/W			79 lm/W			79 lm/W		
Luminous Intensity	1'981 cd			680 cd			456 cd		
Beam Angle	15°			40°			60°		
Colour Name	Warm White			Warm White			Warm White		
Colour Temperature (CCT)	3'000 K			3'000 K			3'000 K		
CRI	83			83			83		
	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
	2.5	0.83	317	2.5	1.93	48	2.5	2.53	73
	2.0	0.66	495	2.0	1.54	109	2.0	2.02	114
	1.5	0.50	880	1.5	1.16	302	1.5	1.52	203
	1.0	0.33	1'981	1.0	0.77	680	1.0	1.01	456
	0.5	0.17	7'924	0.5	0.39	2'720	0.5	0.51	1'824



CREO Light.
Light years ahead.



**Floodlight
Maxi 11.5W 24V WW IP68**



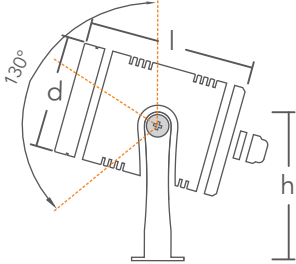
PRODUCT HIGHLIGHTS

- ~ Projector Light creating striking wall effect with focus beam for outdoor and indoor use
- ~ High brightness LED light with consistent colour temperature and high CRI
- ~ Long service lifetime of 50'000 hours
- ~ Cover made of stainless steel "316L". Body made anodized aluminium
- ~ External 24V DC constant voltage LED driver required (not included)
- ~ No UV or IR emissions. No mercury
- ~ 4'000K version available upon request. Frosted cover glass is optional
- ~ Available in black with triple layer coating for high resistance to corrosion



GENERAL CHARACTERISTICS

Product Name	LD FL MAXI 11.5W 24V WW IP68
Energy Efficiency Label	A
Materials	Body Anodized Aluminium Diffuser Tempered Glass Cover Stainless Steel "316L"
LED Brand	CREE™
LED Quantity	7
Average Lifetime	50'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP68
Dimensions (d x l; h)	Ø 68 x 100 mm; Ø 83 mm
Weight	1'585 g



ELECTRICAL CHARACTERISTICS

System Power	11.5W
Forward Voltage	24V DC



LIGHT CHARACTERISTICS

Product Reference	FL MAXI 11.5W/SP/830			FL MAXI 11.5W/FL/830			FL MAXI 11.5W/60/830		
Luminous Flux	1'000 lm			1'000 lm			1'000 lm		
Luminous Efficiency	87 lm/W			87 lm/W			87 lm/W		
Luminous Intensity	3'771 cd			2'729 cd			901 cd		
Beam Angle	20°			30°			60°		
Colour Name	Warm White			Warm White			Warm White		
Colour Temperature (CCT)	3'000 K			3'000 K			3'000 K		
CRI	83			83			83		
	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
	2.5	1.03	603	2.5	1.40	437	2.5	2.90	144
	2.0	0.82	943	2.0	1.12	682	2.0	2.32	225
	1.5	0.62	1'676	1.5	0.84	1'213	1.5	1.74	400
	1.0	0.21	3'771	1.0	0.56	2'729	1.0	1.16	901
	0.5	0.17	15'084	0.5	0.28	10'916	0.5	0.58	3'604



**Floodlight
FL0612 230V IP65**



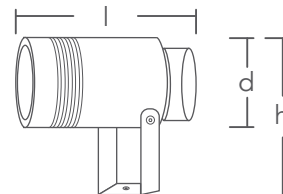
PRODUCT HIGHLIGHTS

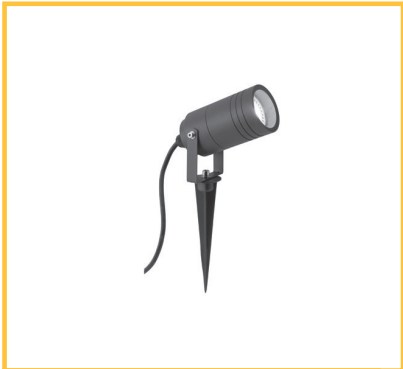
- ~ Projector Light with a spike creating striking wall effect for outdoor and indoor use
- ~ Body made of Die-Cast aluminium
- ~ Suitable for various GU10 lamps of a maximum of 35W
- ~ Frosted cover glass is optional



GENERAL CHARACTERISTICS

Product Name	LD FL0612 230V IP65
Materials	Body Die-Cast Aluminium Diffuser Clear Tempered Glass
Ingress Protection	IP68
Impact Protection rating	IK06
Dimensions (d x l; h)	Ø 60 x 112 mm; 109 mm
Weight	600 g





Garden Floodlight
GFL061165 230V IP65



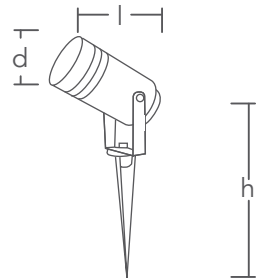
PRODUCT HIGHLIGHTS

- ~ Projector Light with a spike creating striking wall effect for outdoor and indoor use
- ~ Body made of Die-Cast aluminium
- ~ Suitable for various GU10 lamps of a maximum of 35W
- ~ Frosted cover glass is optional



GENERAL CHARACTERISTICS

Product Name	Garden Floodlight GFL061165 230V IP65
Materials	Body Die-Cast Aluminium
	Diffuser Clear Tempered Glass
Ingress Protection	IP68
Dimensions (d x l x h)	Ø 60 x 115 x 245 mm





**LED Floodlight
FL121683065 15W 230V
IP65**

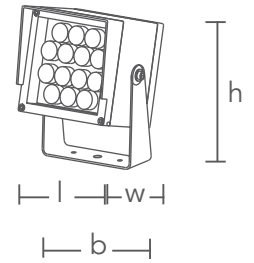


PRODUCT HIGHLIGHTS

- ~ Projector Light for outdoor use
- ~ Aluminum housing with tempered front glass
- ~ SMD LED Design to maximize product reliability
- ~ Built-in fixed output driver
- ~ High system efficiency up to 93 lm/W
- ~ High colour consistency. Excellent CRI. Standard: CRI>80
- ~ Symmetric light distribution with optimum photometric properties
- ~ Colour temperature: 3'000K. Available upon request: 4'000K and 6'000K

GENERAL CHARACTERISTICS

Product Name	LED Floodlight FL121683065 15W 230V IP65	
Energy Efficiency Label	A+	
Materials	Housing	Aluminum
	Cover	Tempered glass
Led Type	SMD	
Temperature Range	-20° ...+50°C	
Dimensions (l x h x w; b)	115 x 161 x 110 mm; 139 mm	
Ingress Protection	IP65	



ELECTRICAL CHARACTERISTICS

System Power	15W
Voltage	220-240V AC
Main Frequency	50-60 Hz

LIGHT CHARACTERISTICS

Product Reference	FL121683065
Luminous Flux	1'400 lm
Luminous Efficiency	93 lm/W
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 80



CREO Light.
Light years ahead.



**LED Floodlight
IP65 G2**

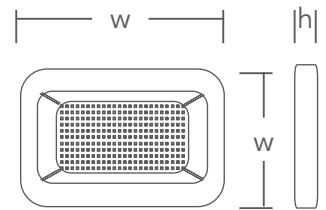


PRODUCT HIGHLIGHTS

- Elegant slim design to reduce windage
- Built-in fixed output driver
- High system efficiency up to 80 lm/W
- Aluminum die-cast housing with tempered front glass
- Symmetric light distribution with optimum photometric properties
- High colour consistency. Excellent CRI. Standard: CRI>80
- SMD LED Design to maximize product reliability
- Surge protection voltage up to 2kV
- Long service lifetime of 30'000 hours

GENERAL CHARACTERISTICS

Product Name	LED Floodlight IP65 G2
Energy Efficiency Label	A+
Materials	Housing Die-cast aluminium Cover Tempered glass
Temperature Range	-20° ... +50°C
Service Lifetime	30'000 hours
Voltage	220-240V AC
Main Frequency	50-60 Hz
Power Factor	0.9
Ingress Protection	IP65



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT	CRI	LENGTH (l) (mm)	WIDTH (w) (mm)	HEIGHT (h) (mm)	WEIGHT (g)
FL 30W/CCT/IP65	30W	110°	2'400	80	3'000K-6'000K	>80	160	120	30	280
FL 50W/850/IP65	50W	110°	4'000	80	5'000K	>80	205	159	30	465
FL 100W/850/IP65	100W	110°	8'000	80	5'000K	>80	271	210	38	880
FL 200W/850/IP65	200W	110°	16'000	80	5'000K	>80	381	280	42	1'800



CREO Light.
Light years ahead.



**LED Street Light
STL312 IP66**

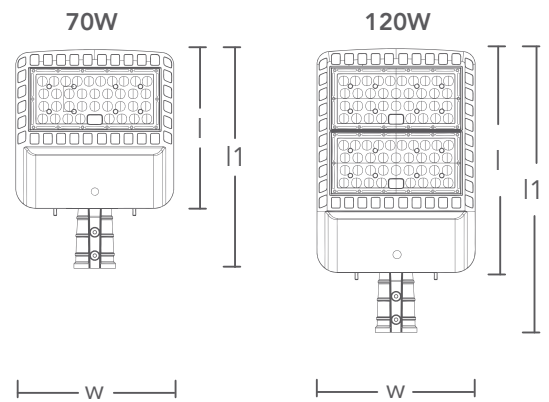


PRODUCT HIGHLIGHTS

- ~ Efficient substitution of traditional street lighting luminaires with an esthetic design
- ~ High system efficiency reaching 160 lm/W
- ~ Fixed output driver. Dimming control available upon request
- ~ Colour temperature: 3'000K (Available upon request: 2'700K, 4'000K, 6'500K)
- ~ Excellent thermal management
- ~ Aluminium heatsink housing
- ~ Long service lifetime of 50'000 hours
- ~ No UV or IR emissions
- ~ CE, RoHS, ETL D LC compliant
- ~ Suitable for spigot diameter of installation is Ø 60 mm

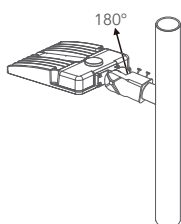
GENERAL CHARACTERISTICS

Product Name	LED Street Light STL312 IP66
Energy Efficiency Label	A+
Materials	Body: Die-Cast Aluminium Lens: PC
LED Type	5050
Service Lifetime	50'000 hours
Start Time from 0% to 100%	0.5 sec
Mercury Content	0.0 mg
Operating Temp. Range	-40°C ... +50°C
Ingress Protection	IP66, IK10
Spigot	Ø 60 mm

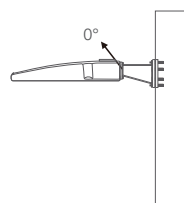


ELECTRICAL & LIGHT CHARACTERISTICS

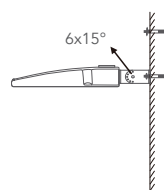
Product Reference	STL312 70W/730/IP66	STL312 120W/730/IP66
System Power	70W	120W
Operating Frequency	50-60 Hz	50-60 Hz
Operating Voltage	90 - 305V	90 - 305V
Power Factor	> 0.95	> 0.95
LED Quantity	42	84
Luminous Flux (150 x 70°, 145 x 100°)	10'500 - 11'200 lm	19'200 - 20'400 lm
Luminous Flux (Type III, IV, V)	9'800 - 10'500 lm	18'000 - 19'200 lm
Luminous Efficiency (150 x 70°, 145 x 100°)	150 - 160 lm/W	150 - 160 lm/W
Luminous Efficiency (Type III, IV, V)	140 - 150 lm/W	140 - 150 lm/W
Beam Angle	Type II, III, IV, V, 140°-100°	Type II, III, IV, V, 140°-100°
Colour name	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K
CRI	> 70	> 70
Dimensions (l x w x h; l1)	311 x 312 x 84 mm; 440 mm	438 x 312 x 84 mm; 576 mm



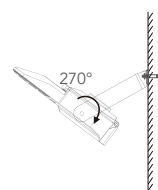
Type A



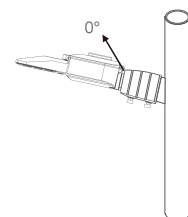
Type B



Type C



Type D



Type E



CREO Light.
Light years ahead.



**Street Light
STL57 IP66 G2**

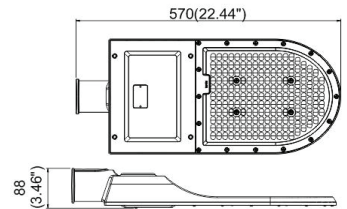
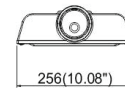


PRODUCT HIGHLIGHTS

- Efficient substitution of traditional street lighting luminaires with an esthetic design
- High system efficiency reaching 135 lm/W
- Fixed output driver. Dimming control available upon request
- Colour temperature: 5'000K (Available upon request: 3'000K, 4'000K)
- Suitable for wall, pole or corner mounting
- Excellent thermal management
- Long service lifetime of 40'000 hours
- Compatible with 3-PIN,5-PIN and 7-PIN NEMA sockets
- Photocell Sensor available upon request
- No UV or IR emissions
- Suitable for spigot diameter of installation is Ø 61 mm

GENERAL CHARACTERISTICS

Product Name	LED Street Light STL57 IP66 G2
Energy Efficiency Label	A+
Materials	Body Aluminium Lens PC
LED Type	3030
Service Lifetime	40'000 hours
Start Time from 0% to 100%	0.5 sec
Mercury Content	0.0 mg
Operating Temp. Range	-40°C ... +50°C
Ingress Protection	IP66
IK Rating	IK08
EPA	1.65ft ² (503 mm ²)
Spigot	Ø 61 mm



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	STL57 G2 120W/750/IP66	STL57 G2 150W/750/IP66
System Power	120W	150W
Operating Frequency	50-60 Hz	0-60 Hz
Operating Voltage	100-240V	100-240V
Power Factor	> 0.9	> 0.9
Luminous Flux	16'200 lm	20'250 lm
Luminous Efficiency	135 lm/W	135 lm/W
Beam Angle	symmetric	symmetric
Colour name	White	White
Colour Temperature (CCT)	5'000 K	5'000 K
CRI	> 70	> 70
Dimensions (l x w x h; l1)	570.2 x 255.5 x 86.5 mm	570.2 x 255.5 x 86.5 mm
Weight	4'000 g	4'000 g



CREO Light.
Light years ahead.



**LED Arena Floodlight
AFL600 600W W IP65**

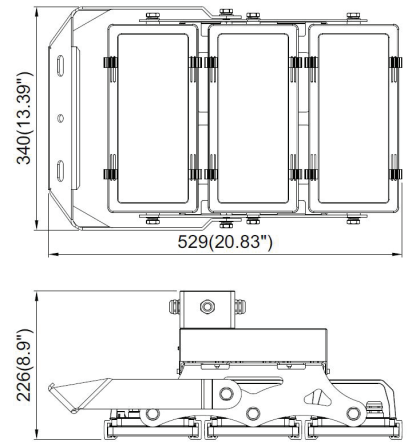


PRODUCT HIGHLIGHTS

- ~ Sport's Arena floodlight with a compact and lightweight design
- ~ Aluminum housing with tempered front glass
- ~ SMD LED Design to maximize product reliability
- ~ Built-in fixed output driver. Optional Dimming: 1-10V, DALI, DMX
- ~ Symmetric light distribution with optimum photometric properties
- ~ Surge protection voltage up to 6kV line-line, 10kV line-earth
- ~ High system efficiency up to 135 lm/W
- ~ High colour consistency. Excellent CRI. Standard: CRI> 70 (CRI = 80 upon request)
- ~ Long service lifetime of 50'000 hours

GENERAL CHARACTERISTICS

Product Name	LED Arena Floodlight AFL600 600W White IP65
Energy Efficiency Label	A+
Materials	Housing Aluminium Cover Tempered glass Optical Lens PC
LED Type	SMD 5050 (for 30°, 45°, 60°, 38 x 100°) SMD 3737 (for 10°, 15°, 15 x 40°)
Temperature Range	-30° ... +50°C
Service Lifetime	50'000 hours
Voltage	100-240V AC
Main Frequency	50-60 Hz
Power Factor	> 0.92
EPA	597 mm ²
IK Rating	IK08
Ingress Protection	IP65



ELECTRICAL & LIGHT CHARACTERISTICS

Product Reference	RATED POWER	BEAM ANGLE	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	CCT	CRI	LENGTH (l) (mm)	WIDTH (w) (mm)	HEIGHT (h) (mm)	WEIGHT (g)
AFL 600W/SP1/750	600 W	10°	75'000	125	5'000K	> 70	529	340	226	1'530
AFL 600W/SP2/750	600 W	15°	75'000	125	5'000K	> 70	529	340	226	1'530
AFL 600W/FL/750	600 W	30°	81'000	135	5'000K	> 70	529	340	226	1'530
AFL 600W/WF/750	600 W	45°	81'000	135	5'000K	> 70	529	340	226	1'530
AFL 600W/VW/750	600 W	60°	81'000	135	5'000K	> 70	529	340	226	1'530
AFL 600W/15x40/750	600 W	15 x 40°	75'000	125	5'000K	> 70	529	340	226	1'530
AFL 600W/38X100/750	600 W	38 x 100°	81'000	135	5'000K	> 70	529	340	226	1'530



FLOODLIGHT ACCESSORIES



Product Name Visor
 Product Reference AFLA-VIS
 Material SPCC

ARCHITECTURAL SOLUTIONS



CREO Light.
Light years ahead.



**Round Ceiling Light
Fixture ASCLR091065
230V IP65**



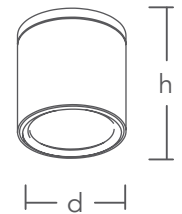
PRODUCT HIGHLIGHTS

- ~ Round Ceiling Light Fixture from the outdoor architectural serie
- ~ Suitable for various GU10 lamps of a maximum of 35W
- ~ Body made of Die-Cast aluminium
- ~ Available in dark grey or in matt white



GENERAL CHARACTERISTICS

Product Name	ASCLR091065 230V IP65
Materials	Body Aluminium Diffuser Glass
Safety Class	I
Ingress Protection	IP65
Dimensions (d x h)	Ø 90 x 100 mm



ELECTRICAL CHARACTERISTICS

Input Voltage	220-240V AC
Operating Frequency	50-60Hz



**Square Ceiling Light
Fixture ASCLQ081065
230V IP65**



PRODUCT HIGHLIGHTS

- ~ Square Ceiling Light Fixture from the outdoor architectural serie
- ~ Suitable for various GU10 lamps of a maximum of 35W
- ~ Body made of aluminium
- ~ Available in dark grey or in matt white



GENERAL CHARACTERISTICS

Product Name	ASCLQ081065 230V IP65
Materials	Body Aluminium Diffuser Glass
Safety Class	Class I
Ingress Protection	IP65
Dimensions (w x w x h)	88 x 88 x 100 mm



ELECTRICAL CHARACTERISTICS

Input Voltage	220-240V AC
Operating Frequency	50-60Hz



CREO Light.
Light years ahead.



**Architectural Serie
Wall Cubic ASWC1010
2 x 5W 230V WW IP65**



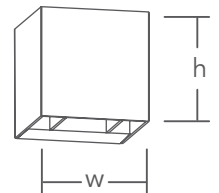
PRODUCT HIGHLIGHTS

- ~ Cubic lighting fixture for wall installation suitable for outdoor and indoor applications
- ~ Body made of die-cast aluminium
- ~ Colour Temperature: 3'000K. Available upon request: 4'000K and 6'000K
- ~ Beam angle can be adjusted depending on the chosen design
- ~ No UV or IR missions. No mercury



GENERAL CHARACTERISTICS

Product Name	Architectural Serie Wall Cubic ASWC1010 2 x 5W 230V WW IP65	
Energy Efficiency Label	A	
Materials	Body	Die-cast Aluminium
	Diffuser	Clear Glass
Start Time from 0% to 100%	0 sec	
Mercury Content	0.0 mg	
Temperature Range	-20°C ... +50°C	
Ingress Protection	IP65	
Dimensions (w x w x h)	100 x 100 x 100 mm	



ELECTRICAL CHARACTERISTICS

System Power	2 x 5W
Input Voltage	220-240V AC
Main Frequency	50-60 Hz



LIGHT CHARACTERISTICS

Product Reference	ASWC101083065
Luminous Flux	800 lm
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 80



**Wall Cylindrical
Fixture ASWC061665
230V IP65**



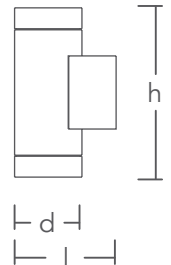
PRODUCT HIGHLIGHTS

- ~ Cylindrical Wall Fixture Light from the outdoor architectural serie
- ~ Fixture offering upward and downward light for outdoor and indoor use
- ~ Suitable for various GU10 lamps of a maximum of 2 x 35W
- ~ Body made of Die-Cast aluminium
- ~ Available in dark grey or in matt white



GENERAL CHARACTERISTICS

Product Name	ASWC061665 230V IP65
Materials	Body Aluminium Diffuser Glass
Safety Class	I
Ingress Protection	IP65
Dimensions (d x h x l)	Ø 65 x 160 x 95 mm

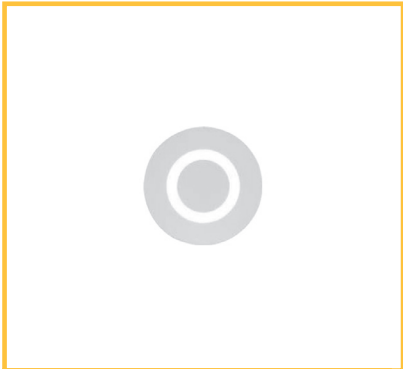


ELECTRICAL CHARACTERISTICS

Input Voltage	220-240V AC
Operating Frequency	50-60Hz



CREO Light.
Light years ahead.



**Architectural Serie
Recessed Step Light
ASST0402
2W 700mA WW IP65**



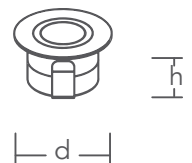
PRODUCT HIGHLIGHTS

- ~ Recessed LED Step Light from the Architectural Serie with consistent colour temperature
- ~ High brightness LED light with consistent colour temperature
- ~ Uniform light distribution
- ~ Simple recessed installation
- ~ Excellent Colour Rendering (CRI>85)
- ~ Operates with 700 mA constant current LED driver (driver included)
- ~ Long service lifetime of 25'000 hours
- ~ 2'700 K and 4'000 K versions available upon request
- ~ No UV or IR emissions. No mercury



GENERAL CHARACTERISTICS

Product Name	Architectural Serie Recessed Step Light ASST0402 2W 700mA WW IP65
Energy Efficiency Label	A
Materials	Body Anodized Aluminium
LED Type	COB
LED Quantity	1
Average Lifetime	25'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP65
Dimensions (d x h)	Ø 44 x 27 mm
Cut-Out	Ø 36 mm



ELECTRICAL CHARACTERISTICS

System Power	2W
Forward Voltage	3V DC
Forward Current	700mA



LIGHT CHARACTERISTICS

Product Reference	AAST0402830
Luminous Flux	90 lm
Luminous Intensity	-
Luminous Efficiency	45 lm/W
Beam Angle	-
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	>85



Wall Step Light
WST250983065
12W 230V WW IP65



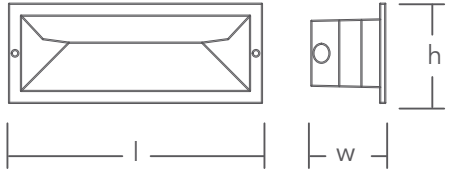
PRODUCT HIGHLIGHTS

- ~ Wall recessed step light for outdoor and indoor use
- ~ Body made of aluminium. Diffuser from clear PC
- ~ Colour Temperature: 3'000K. Available upon request: 4'000K and 6'000K
- ~ Body made of aluminium. Diffuser from clear PC
- ~ No UV or IR emissions. No mercury



GENERAL CHARACTERISTICS

Product Name	LD WST250983065 12W 230V WW IP65
Energy Efficiency Label	A
Materials	Body Aluminium Diffuser Clear PC
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Temperature Range	-20°C ...+50°C
Ingress Protection	IP65
Dimensions (l x h x w)	250 x 98 x 73 mm



ELECTRICAL CHARACTERISTICS

System Power	12W
Input Voltage	220-240V AC
Operating Frequency	50-60 Hz



LIGHT CHARACTERISTICS

Product Reference	WST250983065
Luminous Flux	900 lm
Luminous Efficiency	75 lm/W
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 80



CREO Light.
Light years ahead.



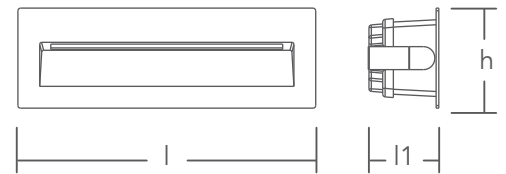
Wall Washer Light
WR062207
3W 230V WW IP67

PRODUCT HIGHLIGHTS

- ~ Recessed fitting for wall installation for outdoor and indoor use
- ~ High brightness LED light with consistent colour temperature
- ~ Body made of die-cast aluminium
- ~ No UV or IR emissions. No mercury
- ~ Long service lifetime of 30'000 hours

GENERAL CHARACTERISTICS

Product Name	LD WR062207 3W 230V WW IP67
Energy Efficiency Label	A
Materials	Body Die-cast Aluminium Diffuser Clear Glass
Service Lifetime	30'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP65
IK Rating	IK06
Dimensions (l x h, l1)	226 x 76 mm; 54 mm
Weight	564 g



ELECTRICAL CHARACTERISTICS

System Power	6W
Input Voltage	220-240V AC

LIGHT CHARACTERISTICS

Product Reference	WR062207 6W/VWFL/830
Luminous Flux	330 lm
Luminous Efficiency	55 lm/W
Luminous Intensity	-
Beam Angle	65°
Colour Name	Warm White
Colour Temperature (CCT)	3'000 K
CRI	> 80



C O N T R O L L E R S



**1-10V LED Dimmer
PushDIM IP20
1 channel input
1 channel output**



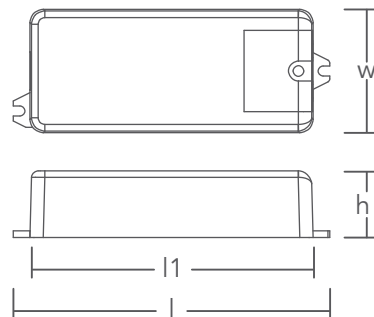
PRODUCT HIGHLIGHTS

- ~ Dimmable controller suitable for 1-10V control signal
- ~ Logarithmic dimming curve
- ~ 1 - channel "1-10V"- control signal input
- ~ Integrated memory function
- ~ No flickering or flash effect while dimming
- ~ 1 - channel output with maximum load of 8A
- ~ Smooth dimming from 100% to 0.1%
- ~ Compact dimensions
- ~ Wide Input voltage range (from 12V DC to 36V DC)



GENERAL CHARACTERISTICS

Product Reference	CT-ANA-118PD
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h; l1)	95 x 37 x 20 mm; 85 mm
Ingress Protection	IP20



ELECTRICAL CHARACTERISTICS

Input Voltage	12-36V DC
Max. Supply Current	8.3A
Number of Control Inputs	1
Control Input Signal	1-10 V
Number of Output Channels	1
Max. Output Load per Channel	8.0A
PWM Signal Frequency	1'500 Hz



**1-10V LED Dimmer
4 channels input
4 channels output
IP20**



PRODUCT HIGHLIGHTS

- ~ Dimmable controller suitable for 1-10V control signal
- ~ Logarithmic dimming curve
- ~ 4 - channel "1-10V"- control signal input
- ~ Integrated memory function
- ~ No flickering or flash effect while dimming
- ~ 4 - channel output with maximum load of 8A per channel
- ~ Smooth dimming from 100% to 0.1%
- ~ Compact dimensions
- ~ Wide Input voltage range (from 12V DC to 36V DC)



GENERAL CHARACTERISTICS

Product Reference	CT-ANA-448
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h; l1)	178 x 46 x 22 mm
Ingress Protection	IP20



ELECTRICAL CHARACTERISTICS

Input Voltage	12-36V DC
Max. Supply Current	32.5A
Number of Control Inputs	4
Control Input Signal	1-10 V
Number of Output Channels	4
Max. Output Load per Channel	8.0A
PWM Signal Frequency	1'500 Hz



1-10V LED Dimmer
1 channel input
4 channels output
IP67



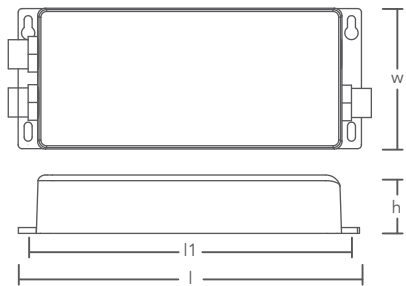
PRODUCT HIGHLIGHTS

- ~ Dimmable controller suitable for 1-10V control signal
- ~ Logarithmic dimming curve
- ~ 1 - channel "1-10V"- control signal input
- ~ Integrated memory function
- ~ No flickering or flash effect while dimming
- ~ 4 - channel output with maximum load of 8A per channel
- ~ Smooth dimming from 100% to 0.1%
- ~ Compact dimensions
- ~ Wide Input voltage range (from 12V DC to 36V DC)



GENERAL CHARACTERISTICS

Product Reference	CT-ANA-148WP
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h; l1)	180.5 x 73.6 x 38 mm; 170 mm
Ingress Protection	IP67



ELECTRICAL CHARACTERISTICS

Input Voltage	12-36V DC
Max. Supply Current	20.5 A
Number of Control Inputs	1
Control Input Signal	0/1-10V
Number of Output Channels	4
Max. Output Load per Channel	5.0A
PWM Signal Frequency	1'500 Hz



CREO Light.
Light years ahead.



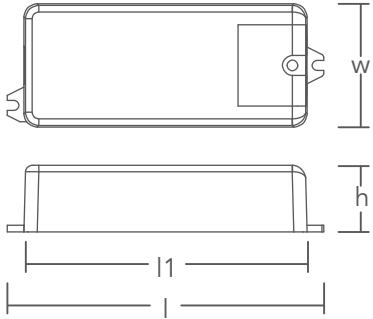
DALI LED Dimmer
1 DALI address
1 channel output
IP20

PRODUCT HIGHLIGHTS

- ~ Dimmable controller suitable for DALI control signal
- ~ Logarithmic dimming curve
- ~ Compatible with DALI standard protocol IEC60929
- ~ Integrated memory function
- ~ 1 - channel PWM dimmer output with maximum load of 8A
- ~ Wide Input voltage range (from 12V DC to 36V DC)
- ~ Smooth dimming from 100% to 0.1%
- ~ No flickering or flash effect while dimming
- ~ Compact dimensions

GENERAL CHARACTERISTICS

Product Reference	CT-DAL-118
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h; l1)	95 x 37 x 20 mm; 85 mm
Ingress Protection	IP20



ELECTRICAL CHARACTERISTICS

Input Voltage	12-36V DC
Max. Supply Current	8.3A
Number of Control Inputs	1
Control Input Signal	DALI
Current Draw (DALI BUS)	2 mA
Number of Output Channel	1
Max. Output Load per Channel	8.0A
PWM Signal Frequency	1'500 Hz



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Light years ahead.



DALI LED Dimmer
4 DALI addresses
4 channels output
IP20



PRODUCT HIGHLIGHTS

- ~ Dimmable controller suitable for DALI control signal
- ~ Integrated memory function
- ~ Compatible with DALI standard protocol IEC60929
- ~ Smooth dimming from 100% to 0.1%
- ~ Logarithmic dimming curve
- ~ No flickering or flash effect while dimming
- ~ Compact dimensions
- ~ 4 DALI Addresses as input
- ~ 4 - channel PWM dimmer output with maximum load of 8A per channel
- ~ Wide Input voltage range (from 12V DC to 36V DC)
- ~ DALI address can be set manually, or through a DALI controller



GENERAL CHARACTERISTICS

Product Reference	CT-DAL-448
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h)	170 x 59 x 29 mm
Ingress Protection	IP20



ELECTRICAL CHARACTERISTICS

Input Voltage	12-36V DC
Max. Supply Current	32.5A
Number of Control Inputs	1
Control Input Signal	DALI
Number of Output Addresses	4
Number of Addresses	1...4
Max. Output Load per Channel	8.0A
PWM Signal Frequency	500 Hz

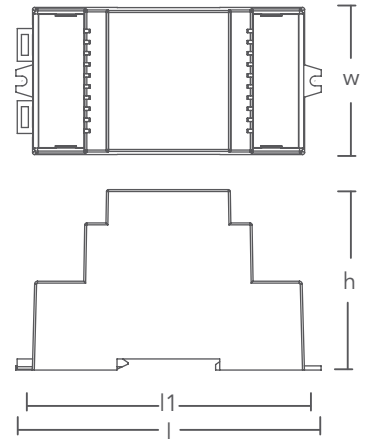


PRODUCT HIGHLIGHTS

- ~ Dimmable controller suitable for DALI control signal
- ~ Built-in DALI-2 interface, DALI DT6 device
- ~ Integrated memory function
- ~ Compatible with DALI standard protocol: IEC 62386-101:2014; IEC 62386-102:2014; IEC 62386-207 Ed2
- ~ Logarithmic dimming curve
- ~ Smooth dimming from 100% to 0.1%
- ~ No flickering or flash effect while dimming
- ~ DALI address can be set manually, or through a DALI controller
- ~ DALI address digital indicator
- ~ 4 DALI input Addresses
- ~ Din Rail Controller
- ~ Push Dimmer/ DALI dimmer optional
- ~ 4 - channel PWM dimmer output with maximum load of 5A per channel
- ~ Wide Input voltage range (from 12V DC to 36V DC)

GENERAL CHARACTERISTICS

Product Reference	CT-DAL-445DIN
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h; l1)	110 x 53 x 65 mm; 105.5 mm
IP Protection	IP20



ELECTRICAL CHARACTERISTICS

Input Voltage	12-36V DC
Max. Supply Current	20.5A
Control Inputs	2
Control Input Signal	DALI
Number of Output Addresses	4
Number of Addresses	1...4
Max. Output Load per Channel	5A
PWM Signal Frequency	1'500 Hz



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Light years ahead.



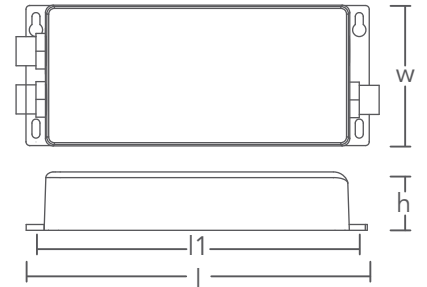
**DALI LED Dimmer
4 channels input
4 channels output
IP67**

PRODUCT HIGHLIGHTS

- ~ Dimmable controller suitable for DALI control signal
- ~ Logarithmic dimming curve
- ~ 4 DALI Addresses as input
- ~ Integrated memory function
- ~ Smooth dimming from 100% to 0.1%
- ~ 4 - channel PWM dimmer output with maximum load of 8.3A per channel
- ~ Compatible with DALI standard protocol IEC60929
- ~ No flickering or flash effect while dimming
- ~ DALI address can be set manually, or through a DALI controller
- ~ Wide Input voltage range (from 12V DC to 36V DC)

GENERAL CHARACTERISTICS

Product Reference	CT-DAL-445WP
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h; l1)	180.5 x 73.6 x 38 mm; 170 mm
IP Protection	IP67



ELECTRICAL CHARACTERISTICS

Input Voltage	12-36V DC
Max. Supply Current	20.5A
Number of Control Inputs	2
Control Input Signal	DALI
Number of Output Addresses	4
Number of Addresses	1...4
Max. Output Load per Channel	8.3A
PWM Signal Frequency	1'500 Hz



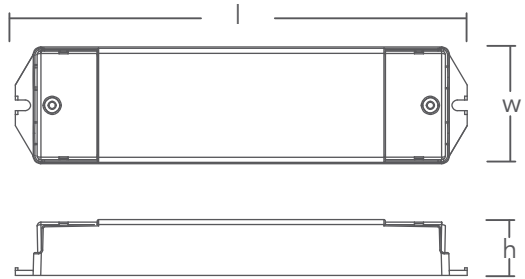
**DMX RGBW LED Dimmer
4 channels output**

PRODUCT HIGHLIGHTS

- ~ Dimmable controller suitable for DMX512 control signal
- ~ Ideal for controlling LED source with high output (max 32.5A)
- ~ Smooth dimming from 100% to 0.1%
- ~ DMX address is set manually. Start channel easily set with buttons and digital display
- ~ No flickering or flash effect while dimming
- ~ Compact dimensions
- ~ Logarithmic dimming curve
- ~ 4 - channel PWM dimmer output with maximum load of 5A per channel
- ~ Wide Input voltage range (from 12V DC to 36V DC)

GENERAL CHARACTERISTICS

Product Reference	CT-DMX-145
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h)	178 x 46 x 22 mm
IP Protection	IP20



ELECTRICAL CHARACTERISTICS

Input Voltage	12-36V DC
Max. Supply Current	32.5 A
Number of Control Inputs	1
Control Input Signal	DMX
Number of Output Channels	4
Number of Addresses	1...4
Max. Output Load per Channel	5.0 A
PWM Signal Frequency	1'500 Hz



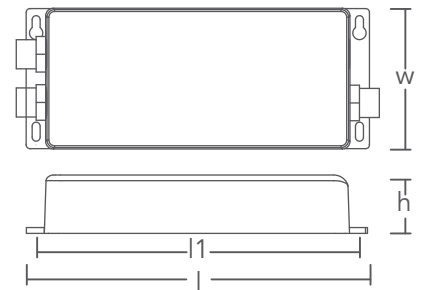
DMX LED Dimmer
2 channels input
4 channels output
IP68

PRODUCT HIGHLIGHTS

- ~ Dimmable controller suitable for DMX control signal
- ~ Logarithmic dimming curve
- ~ Compatible with DMX standard protocol
- ~ Integrated memory function
- ~ 4 - channels PWM dimmer output with maximum load of 5A
- ~ Wide Input voltage range (from 12V DC to 36V DC)
- ~ Smooth dimming from 100% to 0.1%
- ~ No flickering or flash effect while dimming

GENERAL CHARACTERISTICS

Product Reference	CT-DMX-45A68
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h; l1)	180.5 x 73.6 x 38 mm; 170 mm
IP Protection	IP68



ELECTRICAL CHARACTERISTICS

Input Voltage	12-36V DC
Max. Supply Current	8.3A
Number of Control Inputs	2
Control Input Signal	DMX
Number of Output Channels	4
Max. Output Load per Channel	5.0A
PWM Signal Frequency	1'500 Hz



**PWM Power Repeater
1 channel input
1 channel output
IP20**



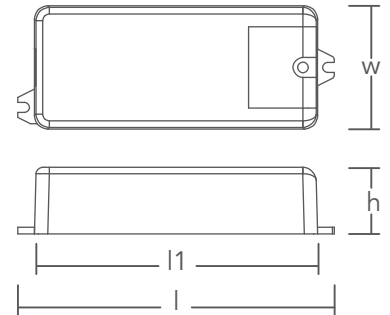
PRODUCT HIGHLIGHTS

- ~ PWM power repeater/amplifier with 1 channel output
- ~ Galvanic separation of control inputs, supply unit and output channels
- ~ Compatible with the full range of Creo Light LED Dimmers
- ~ Ideal for controlling large LED lighting installations
- ~ No flickering or flash effect while dimming
- ~ Up to 10 power repeaters connected to one LED dimmer (master)
- ~ Smooth dimming from 100% to 0.1%
- ~ Wide Input voltage range (from 12V DC to 36V DC)
- ~ Compact dimensions



GENERAL CHARACTERISTICS

Product Reference	CT-PWR-18
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h; l1)	95 x 37 x 20 mm; 85 mm
Ingress Protection	IP20



ELECTRICAL CHARACTERISTICS

Input Voltage	12-36V DC
Max. Supply Current	8.3A
Number of Control Inputs	1
Control Input Signal	PWM
Number of Output Addresses	1
Number of Addresses	1
Max. Output Load per Channel	8.0A
PWM Signal Frequency	1'500 Hz



PWM Power Repeater
4 channels input
4 channels output
IP20



PRODUCT HIGHLIGHTS

- ~ PWM power repeater/amplifier with four channels output
- ~ Galvanic separation of control inputs, supply unit and output channels
- ~ Compatible with the full range of Creo Light LED Dimmers
- ~ Ideal for controlling large LED lighting installations
- ~ No flickering or flash effect while dimming
- ~ Up to 10 power repeaters connected to one LED dimmer (master)
- ~ Smooth dimming from 100% to 0.1%
- ~ Wide Input voltage range (from 12V DC to 36V DC)
- ~ Compact dimensions



GENERAL CHARACTERISTICS

Product Reference	CT-PWR-48
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h)	170 x 59 x 29 mm
Ingress Protection	IP20



ELECTRICAL CHARACTERISTICS

Input Voltage	12-36V DC
Max. Supply Current	32.5A
Number of Control Inputs	4
Control Input Signal	PWM
Number of Output Addresses	4
Number of Addresses	1...4
Max. Output Load per Channel	8.0A
PWM Signal Frequency	1'500 Hz



PWM Power Repeater
4 channels input
4 channels output
IP67



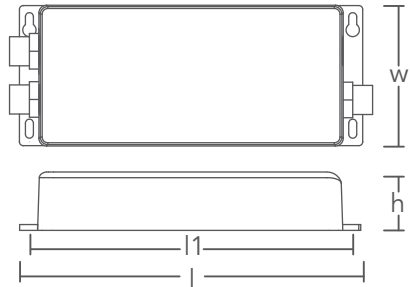
PRODUCT HIGHLIGHTS

- ~ PWM power repeater/amplifier with four channels output
- ~ Ideal for controlling large LED lighting installations in wet or humid environments
- ~ Smooth dimming from 100% to 0.1%
- ~ Galvanic separation of control inputs, supply unit and output channels
- ~ No flickering or flash effect while dimming
- ~ Wide Input voltage range (from 12V DC to 36V DC)
- ~ Compatible with the full range of Creo Light LED Dimmers
- ~ Up to 10 power repeaters connected to one LED dimmer (master)



GENERAL CHARACTERISTICS

Product Reference	CT-PWR-45WP
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h; l1)	180.5 x 73.6 x 38 mm; 170 mm
Ingress Protection	IP67



ELECTRICAL CHARACTERISTICS

Input Voltage	12-36V DC
Max. Supply Current	20.0A
Number of Control Inputs	4
Control Input Signal	PWM
Number of Output Addresses	4
Number of Addresses	1...4
Max. Output Load per Channel	5.0A
PWM Signal Frequency	1'500 Hz



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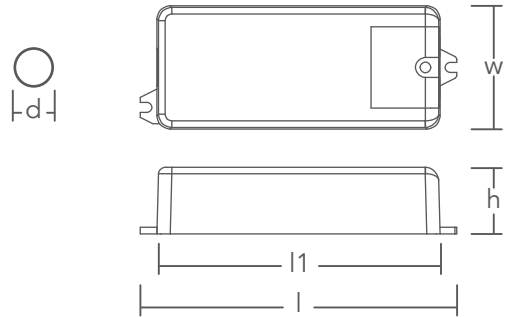
**IR Sensor Switch
DC IP20**

PRODUCT HIGHLIGHTS

- ~ Infrared sensor with high sensitivity
- ~ Detection range from 1 cm to 6 cm
- ~ Compact dimensions
- ~ Ideal for controlling LED source in closets
- ~ DC input voltage range from 12V DC to 36V DC

GENERAL CHARACTERISTICS

Product Reference	CT-IRS-DC
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h; l1)	95 x 37 x 20 mm; 85 mm
Sensor's Cut-Out	Ø 10 mm
Ingress Protection	IP20



ELECTRICAL CHARACTERISTICS

Input Voltage	12-36V DC
Max. Supply Current	8.0A
Number of Control Inputs	1
Control Input Signal	IR
Number of Output Addresses	1
Number of Addresses	1
Max. Output Load per Channel	8.0A



**IR Sensor Switch
220V IP20**



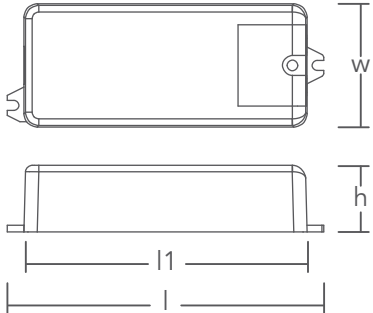
PRODUCT HIGHLIGHTS

- ~ Infrared sensor with high sensitivity
- ~ Detection range from 1 cm to 6 cm
- ~ Compact dimensions
- ~ Ideal for controlling LED source in closets
- ~ AC Input voltage range from 100-240V AC



GENERAL CHARACTERISTICS

Product Reference	CT-IRS-220
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h; l1)	95 x 37 x 20 mm; 85 mm
Sensor's Cut-Out	Ø 10 mm
Ingress Protection	IP20



ELECTRICAL CHARACTERISTICS

Input Voltage	100-240V AC
Max. Supply Current	32.5A
Number of Control Inputs	1
Control Input Signal	IR
Number of Output Addresses	1
Number of Addresses	1
Max. Output Load per Channel	5.0A



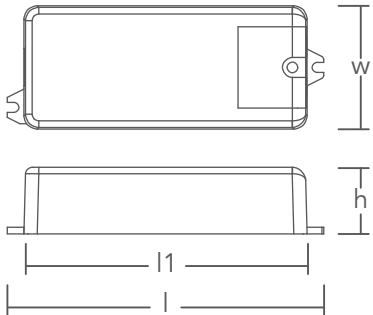
**PIR Motion Sensor
220V IP20**

PRODUCT HIGHLIGHTS

- ~ Presence Infrared motion Sensor with high sensitivity
- ~ Motion Detection range under 3 meters
- ~ Compact dimensions
- ~ Ideal for controlling LED source in closets
- ~ AC Input voltage range from 100-240V AC

GENERAL CHARACTERISTICS

Product Reference	CT-PIR-220
Ambient Temperature	-20°C...+50°C
Max. Casing Temperature	75°C
Dimensions (l x w x h; l1)	95 x 37 x 20 mm; 85 mm
Ingress Protection	IP20
Sense Angle	60°



ELECTRICAL CHARACTERISTICS

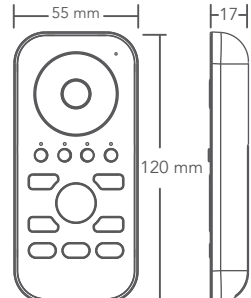
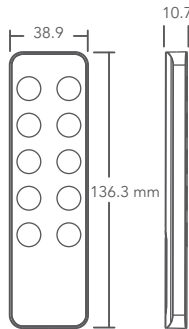
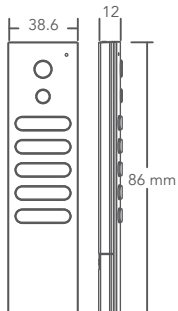
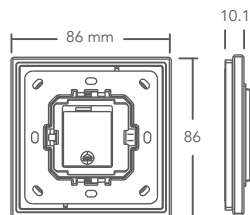
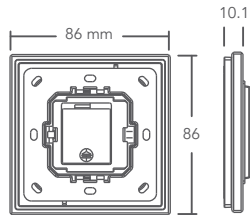
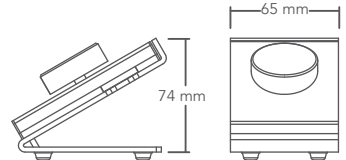
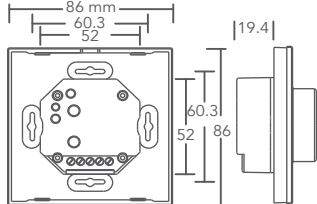
Input Voltage	100-240V AC
Max. Supply Current	32.5A
Number of Control Inputs	1
Control Input Signal	Sensor
Number of Output Addresses	1
Number of Addresses	1
Max. Output Load per Channel	5.0A
Max. Output Power	500W
PWM Signal Frequency	1'500 Hz

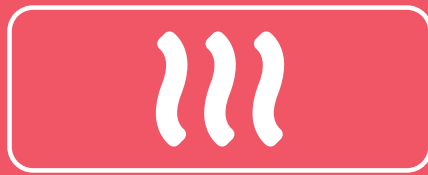


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LED DIMMERS





D R I V E R S



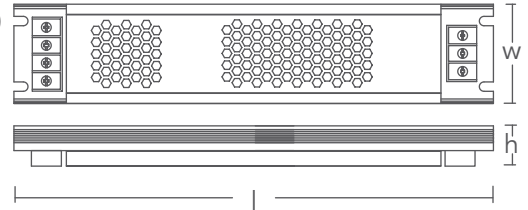
**LED Slim Converter
100W 12/24V IP20**

PRODUCT HIGHLIGHTS

- ~ Constant voltage LED slim driver
- ~ Output voltage 12 or 24V
- ~ Built-in protections: Overload - Over voltage - Short circuit - Over temperature
- ~ 100% full load burn-in test
- ~ Suitable for LED lighting
- ~ Long service lifetime of 26'000 hours
- ~ Metal casing
- ~ Certified: CE / RoHS

GENERAL CHARACTERISTICS

Product Name	LED Slim Converter 100W 12/24V IP20
Dimensions (l x w x h)	217 x 53 x 21.5 mm
Weight	255 g
Ingress Protection	IP20
Working Temp.	-20°C...+60°C,
Storage Temp. & Humid.	-40°C...+85°C, 20...90% RH
Service Lifetime	26'000 hours



ELECTRICAL CHARACTERISTICS

Product Reference	CVS12100M20	CVS24100M20
Rated Power	100W	100W
Output Voltage	12V DC	24V DC
Output Rated Current	8.34A	4.16A
Ripple & Noise (max)	< 350mVp-p	< 350mVp-p
Input Voltage	200-240V AC	
Main Frequency	47-63 Hz	
AC Current	1A max @220V AC (full load)	
Inrush Current	Cold Start < 40A @220V AC (full load)	
Number of Output Channel	2	
Output Voltage Tolerance	±4%	±2%
Setup, Rise Time (max)	< 1s/220V AC at full load	
Short Circuit	Recovers automatically after fault condition is removed	
Over Voltage	< 18V DC Shut down the output, After restart recovers automatically	< 36V DC Shut down the output, After restart recovers automatically
Over Current	< 10.5A auto recovery when failure is removed	< 5.8A auto recovery when failure is removed



**LED Slim Converter
200W 12/24V IP20**



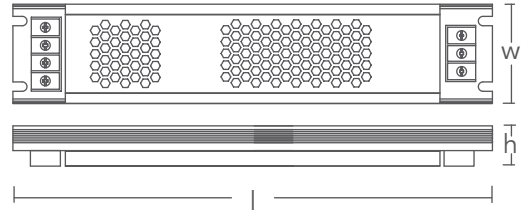
PRODUCT HIGHLIGHTS

- ~ Constant voltage LED slim driver
- ~ Output voltage 12 or 24V
- ~ Built-in protections:
Overload - Over voltage - Short circuit - Over temperature
- ~ 100% full load burn-in test
- ~ Suitable for LED lighting
- ~ Long service lifetime of 26'000 hours
- ~ Metal casing
- ~ Certified: CE / RoHS



GENERAL CHARACTERISTICS

Product Name	LED Slim Converter 200W 12/24V IP20
Dimensions (l x w x h)	273 x 53 x 21.5 mm
Weight	335 g
Ingress Protection	IP20
Working Temp.	-20°C...+60°C,
Storage Temp. & Humid.	-40°C...+85°C, 20...90% RH
Service Lifetime	26'000 hours



ELECTRICAL CHARACTERISTICS

Product Reference	CVS12200M20	CVS24200M20
Rated Power	200W	200W
Output Voltage	12V DC	24V DC
Output Rated Current	16.6A	8.33A
Ripple & Noise (max)	< 350mVp-p	< 350mVp-p
Input Voltage	200-240V AC	
Main Frequency	47-63 Hz	
AC Current	2.6A max @220V AC (full load)	
Inrush Current	Cold Start < 50A @220V AC (full load)	
Number of Output Channel	2	
Output Voltage Tolerance	±4%	±2%
Setup, Rise Time (max)	< 1s/220V AC at full load	
Short Circuit	Recovers automatically after fault condition is removed	
Over Voltage	< 18V DC Shut down the output, After restart recovers automatically	< 36VDC Shut down the output, After restart recovers automatically
Over Current	< 21A auto recovery when failure is removed	< 11A auto recovery when failure is removed



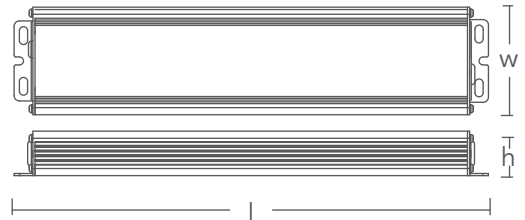
**LED Slim Converter
100W 24V IP67**

PRODUCT HIGHLIGHTS

- Constant voltage LED slim waterproof driver
- Output voltage 24V
- Built-in protections: Overload - Over voltage - Short circuit - Over temperature
- 100% full load burn-in test
- Suitable for LED lighting
- Long service lifetime of 50'000 hours
- Metal casing
- Certified: CE / RoHS

GENERAL CHARACTERISTICS

Product Name	LED Slim Converter 100W 24V IP67
Dimensions (l x w x h)	270 x 61 x 25 mm
Weight	820 g
Ingress Protection	IP67
Working Temp.	-20°C...+60°C,
Storage Temp. & Humid.	-40°C...+85°C, 20...90% RH
Service Lifetime	50'000 hours



ELECTRICAL CHARACTERISTICS

Product Reference	CVS24100M67
Rated Power	100W
Output Voltage	24V DC
Output Rated Current	4.17A
Ripple & Noise (max)	< 350mVp-p
Input Voltage	100-240V AC
Main Frequency	47-63 Hz
AC Current	1.3A max @240V AC (full load)
Inrush Current	Cold Start < 50A @220V AC (full load)
Number of Output Channel	1
Output Voltage Tolerance	±2%
Setup, Rise Time (max)	< 1s/220V AC at full load
Short Circuit	Recovers automatically after fault condition is removed
Over Voltage	< 36VDC Shut down the output, After restart recovers automatically
Over Current	< 5.5A auto recovery when failure is removed



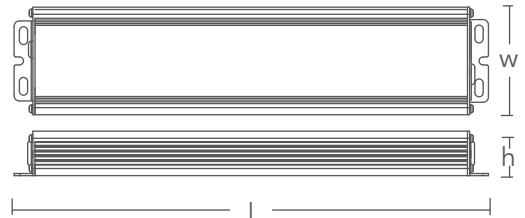
**LED Slim Converter
240W 24V IP67**

PRODUCT HIGHLIGHTS

- Constant voltage LED slim waterproof driver
- Output voltage 24V
- Built-in protections: Overload - Over voltage - Short circuit - Over temperature
- 100% full load burn-in test
- Suitable for LED lighting
- Long service lifetime of 50'000 hours
- Metal casing
- Certified: CE / RoHS

GENERAL CHARACTERISTICS

Product Name	LED Slim Converter 240W 24V IP67
Dimensions (l x w x h)	270 x 68 x 30 mm
Weight	1'055 g
Ingress Protection	IP67
Working Temp.	-20°C...+60°C,
Storage Temp. & Humid.	-40°C...+85°C, 20...90% RH
Service Lifetime	50'000 hours



ELECTRICAL CHARACTERISTICS

Product Reference	CVS24240M67
Rated Power	240W
Output Voltage	24V DC
Output Rated Current	10A
Ripple & Noise (max)	< 240mVp-p
Input Voltage	100-240V AC
Main Frequency	47-63 Hz
AC Current	3.2A max @230V AC (full load)
Inrush Current	Cold Start < 50A @230V AC (full load)
Number of Output Channel	1
Output Voltage Tolerance	±5%
Setup, Rise Time (max)	< 1s/230V AC at full load
Short Circuit	Recovers automatically after fault condition is removed
Over Voltage	< 28VDC Shut down the output, After restart recovers automatically
Over Current	< 13A auto recovery when failure is removed



CREO Light.
Light years ahead.



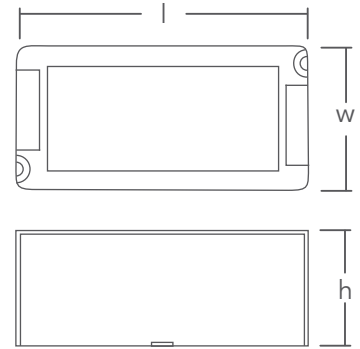
**1-10V LED Driver
12W 12V IP20**

PRODUCT HIGHLIGHTS

- ~ Single channel constant voltage, 12V DC output
- ~ Smooth dimming from 1% to 100%
- ~ No minimum load, maximum load up to 12W
- ~ Suitable for indoor LED retrofit lamps
- ~ No flickering or flash effect while dimming
- ~ No alteration to LED CRI while dimming
- ~ Specially designed for 1-10V based lighting systems
- ~ Built-in overload & over voltage protection
- ~ Compact dimensions

GENERAL CHARACTERISTICS

Product Reference	CVD12012A
Material	PC housing
Ambient Temperature	-20°C...+45°C
Ingress Protection	IP20
Dimensions (l x w x h)	78 x 36 x 29 mm
Weight	85 g
Service Lifetime	30'000 hours



ELECTRICAL CHARACTERISTICS

Input Voltage Range	220 - 240V AC
Mains Frequency	50-60Hz
Max. Input Power	12W
Input Current	0.13A @230V AC
Inrush Current	Cold Start 12A @230V AC
Power Factor	0.5
Efficiency (Typ.)	>80%, @230V AC
Output Voltage	12V DC ± 3%
Output Current	1A
Ripple & Noise (max)	120mVp-p
Over Voltage	Shut down output, recovers after fault condition is removed
Over Power	Hiccup mode, recovers after fault condition is removed
Dimming Signal	0/1-10V



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Light years ahead.



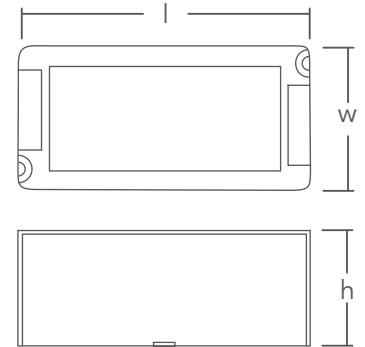
**DALI LED Driver
12W 12V IP20**

PRODUCT HIGHLIGHTS

- Single channel constant voltage, 12V DC output
- Smooth dimming. Dimming 1% - 100%
- TouchDIM and Manual Dimming supported
- Suitable for indoor LED retrofit lamps
- No flickering or flash effect while dimming
- No alteration to LED CRI while dimming
- Built-in overload & over voltage protection
- No minimum load, maximum load up to 12W
- Built-in MCUs, customizable logarithmic curve and linear dimming curve
- Specialy designed for DALI based systems
- Compact dimensions

GENERAL CHARACTERISTICS

Product Reference	CVD12012D
Material	Plastic case
Ambient Temperature	-20°C...+40°C
Ingress Protection	IP20
Dimensions (l x w x h)	73 x 36 x 29 mm
Weight	85 g



ELECTRICAL CHARACTERISTICS

Input Voltage Range	200 - 240V AC
Mains Frequency	50-60Hz
Max. Input Power	12W
Input Current	0.13A @230V AC
Inrush Current	Cold Start 12A @230V AC
Power Factor	0.5 @230V AC, full load
Efficiency (Typ.)	>80%, @230V AC, full load
Output Voltage	12V DC \pm 3%
Output Current	1A
Ripple & Noise (max)	120mVp-p
Over Voltage	Shut down output, recovers after fault condition is removed
Over Power	Hiccup mode, recovers after fault condition is removed
Dimming Signal	DALI or TouchDIM input, PWM output



**TRIAC LED Driver
12W 12V IP20**



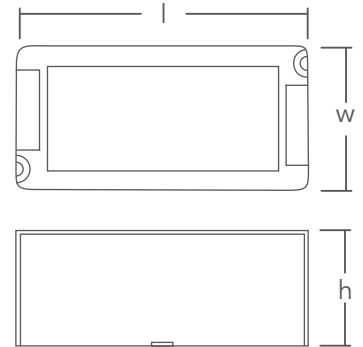
PRODUCT HIGHLIGHTS

- ~ Single channel constant voltage, 12V DC output
- ~ Smooth dimming from 1% - 100%
- ~ No minimum load, maximum load up to 12W
- ~ Suitable for indoor LED retrofit lamps
- ~ No flickering or flash effect while dimming
- ~ No alteration to LED CRI while dimming
- ~ Specially designed for Leading edge (TRIAC) & Trailing edge (ELV) dimmers
- ~ Built-in overload & over voltage protection
- ~ Compact dimensions



GENERAL CHARACTERISTICS

Product Reference	CVD12012T
Material	Plastic housing
Ambient Temperature	-20°C...+40°C
Ingress Protection	IP20
Dimensions (l x w x h)	73 x 36 x 29 mm
Weight	85 g

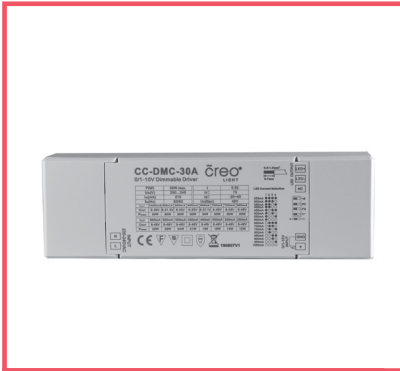


ELECTRICAL CHARACTERISTICS

Input Voltage Range	200 - 240V AC
Mains Frequency	50-60Hz
Max. Input Power	12W
Input Current	0.13A @230V AC
Inrush Current	Cold Start 12A @230V AC
Power Factor	0.5
Efficiency (Typ.)	80%
Output Voltage	12V DC ± 3%
Output Current	1A
Ripple & Noise (max)	120mVp-p
Over Voltage	Shut down output, recovers after fault condition is removed
Over Power	Hiccup mode, recovers after fault condition is removed
Dimming Signal	Leading and Trailing edge dimmer



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Light years ahead.



**1-10V LED Driver
Multi 30W
250mA - 1000mA IP20**



PRODUCT HIGHLIGHTS

- ~ Single channel constant current LED driver
- ~ Adjustable output current between 250 and 1'000 mA
- ~ Specially designed for 1-10V based lighting systems
- ~ Smooth dimming from 1% to 100%
- ~ No flickering or flash effect while dimming
- ~ Built-in over voltage protection
- ~ No minimum load, maximum load up to 30W
- ~ No alteration to LED CRI while dimming
- ~ Compact dimensions



GENERAL CHARACTERISTICS

Product Reference	CCDMC030A
Material	Plastic housing
Ambient Temperature	-20°C...+45°C
Ingress Protection	IP20
Dimensions (l x w x h)	170 x 50 x 30 mm



ELECTRICAL CHARACTERISTICS

Input Voltage Range	200 - 240V AC
Mains Frequency	50-60Hz
Max. Input Power	30W
Input Current	0.27A @230V AC
Inrush Current	Cold Start 2A @230V AC
Power Factor	>0.9
Efficiency (Typ.)	>87%, @230V AC
Output Voltage (max)	48V DC
Over Voltage	Shut down output, recovers after fault condition is removed
Dimming Signal	1-10V

Output Current	RATED POWER	MIN FORWARD VOLTAGE	MAX FORWARD VOLTAGE
250mA	12W	8V	48V
300mA	14W	8V	48V
350mA	16W	8V	48V
400mA	19W	8V	48V
450mA	21W	8V	48V
500mA	24W	8V	48V
550mA	26W	8V	48V
600mA	28W	8V	48V

Output Current	RATED POWER	MIN FORWARD VOLTAGE	MAX FORWARD VOLTAGE
650mA	30W	8V	48V
700mA	30W	8V	46V
750mA	30W	8V	40V
800mA	30W	8V	37.5V
850mA	30W	8V	35V
900mA	30W	8V	33V
950mA	30W	8V	31.5V
1'000mA	30W	8V	30V



**TRIAC/1-10V LED
Dimmable Driver
200W 24V IP20**



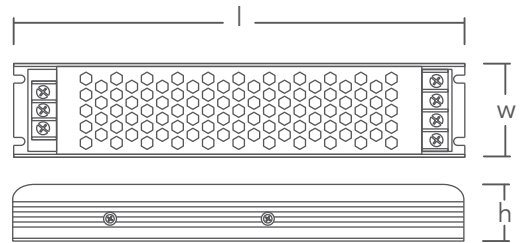
PRODUCT HIGHLIGHTS

- ~ LED dimmable driver with multiple control input and 24V DC output
- ~ Dimming interfaces include TRIAC and 0/1-10V
- ~ Smooth dimming from 100% to 0.1%
- ~ No flickering or flash effect while dimming
- ~ Compatible with universal TRIAC dimmers
- ~ Protected against overload and over temperature



GENERAL CHARACTERISTICS

Product Reference	CVD24200TA
Material	Metal housing
Ambient Temperature	-20°C...+50°C
Ingress Protection	IP20
Dimensions (l x w x h)	231 x 48 x 29 mm
Weight	300 g



ELECTRICAL CHARACTERISTICS

Input Voltage Range	220 - 240V AC
Mains Frequency	50-60Hz
Max. Input Power	200W
Input Current	Max. 1.5A @ 230V AC
Inrush Current	Max. 55A @ 230V AC
Efficiency (Typ.)	> 90% (at full load)
Output Voltage	24V DC
Max. Output Current	8.3A
Number of Control Inputs	1
Control Input Signal	TRIAC + 0/1-10V
Dimming Range	0.1% - 100%
Max. Output Load per Channel	8.3A/CH



**LED DIMMABLE Driver
240W 24V IP20
DALI 0/1-10V PUSH**



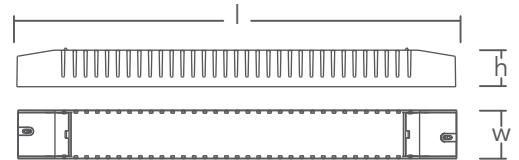
PRODUCT HIGHLIGHTS

- ~ LED dimmable driver with multiple control input and 24V DC output
- ~ Dimming interfaces include DALI, Push, and 0/1-10V
- ~ Integrated memory function
- ~ Smooth dimming from 100% to 0.1%
- ~ No flickering or flash effect while dimming
- ~ Protected against overload and over temperature
- ~ Complies with DALI standard
- ~ Long service lifetime of 50'000 hours



GENERAL CHARACTERISTICS

Product Reference	CVD24240DAPD20
Material	PC housing
Service Lifetime	50'000 hours @ 95°C
Ambient Temperature	-20°C...+50°C
Ingress Protection	IP20
Dimensions (l x w x h)	360 x 40 x 32 mm



ELECTRICAL CHARACTERISTICS

Input Voltage Range	220 - 240V AC
Mains Frequency	50-60Hz
Max. Input Power	240W
Input Current	1.20A @ 230V AC
Inrush Current	Max. 60A
Power Factor	> 0.98
Efficiency (Typ.)	> 92.5% (at full load)
Output Voltage	24V DC
Max. Output Current	10A
Control Input Signal	DALI + 0/1-10V + Push Dim
Number of Channel Output	2
Number of DALI Addresses	1
Protections & Safety	Surge (L-N:2KV), Over Voltage, Over Load, EMC Imunity and Emission



P O W E R



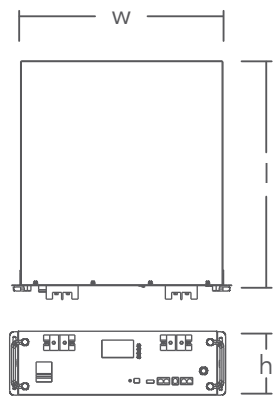
**Rack Mount 3U Serie G2
Lithium Battery 5 kWh
51.2V 100 Ah BMS IP55**

PRODUCT HIGHLIGHTS

- ~ Aesthetic and Compact rack mounted Lithium-ion battery storage system
- ~ Higher energy storage capacities
- ~ Buit-in Battery Management System (BMS)
- ~ Expandable up to 16 batteries in parallel up to 80 kWh
- ~ Ideal for back-up and PV installation
- ~ Low voltage ESS
- ~ Configurable for Three-Phase installations
- ~ Front LCD monitor for BMS data reading
- ~ PC software monitoring
- ~ Grade A LiFePo4 Prismatic cells
- ~ Computer monitoring
- ~ Very deep cycle
- ~ Communication with various types of inverters by CANbus, RS485*
- ~ For residential and commercial installations

GENERAL CHARACTERISTICS

Product Reference	BLIR3U48100G2
Material	Metal
Cycle Life	6'000 Cycles @ 95% DoD /25°C / 0.5C 8'000 Cycles @ 80% DoD /25°C / 0.5C
System Connection	Max 16 pieces in parallel
Battery Connectors	Std Terminals
Communication Port	CANbus / RS485
Working Temperature	+5°C...+50°C
Storage Temperature	-20°C...+65°C
Ingress Protection	IP20
Dimensions (l x w x h)	500 x 450 x 145 mm
Weight	45 Kg



ELECTRICAL CHARACTERISTICS

Nominal Voltage	51.2 V
Nominal Capacity	102 Ah
Nominal Energy	5.2 kWh
Usable Capacity	5 kWh
Operating Voltage	48 V - 57.6 V
Recommended Charging Current	50 A
Max Peak Charging Current	100 A
Max Discharging Current	100 A
Depth of Discharge (DoD)	95%
BMS***	Robust Multi point monitoring BMS pre installed

* Consult us for the list of compatible inverters
 ** **Warranty:** 5 years warranty subject to BMS valid reporting. Warranty is valid for compatible inverters.
 *** **BMS:** Over Temperature cut off, Over Voltage cut off, Short Circuit Protection, Over Charge/ Discharge cut off, Over Current cut off
 **** **Certifications:** UN38.3, IEC 62619, IEC61000, UL 1642(cell) (more available upon request)



**Rack Mount 3U Serie
Lithium Battery 5 kWh
51.2V 100 Ah BMS IP55**



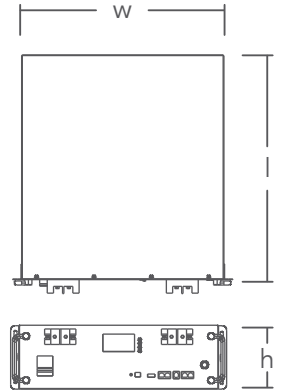
PRODUCT HIGHLIGHTS

- ~ Aesthetic and Compact rack mounted Lithium-ion battery storage system
- ~ Higher energy storage capacities
- ~ Buit-in Battery Management System (BMS)
- ~ Expandable up to 16 batteries in parallel up to 80 kWh
- ~ Ideal for back-up and PV installation
- ~ Low voltage ESS
- ~ Grade A LiFePo4 Prismatic cells
- ~ Front LCD monitor
- ~ PC software monitoring
- ~ Communication with various types of inverters by CANbus, RS485*
- ~ Very deep cycle
- ~ For residential and commercial installations



GENERAL CHARACTERISTICS

Product Reference	BLIR3U48100
Material	Metal
Cycle Life	8'000 Cycles @ 80% DoD /25°C / 0.5C)
System Connection	Max 16 pieces in parallel
Battery Connectors	Std Terminals
Communication Port	CANbus / RS485
Working Temperature	+5°C...+50°C
Storage Temperature	-20°C...+65°C
Ingress Protection	IP20
Dimensions (l x w x h)	500 x 450 x 145 mm
Weight	45 Kg



ELECTRICAL CHARACTERISTICS

Nominal Voltage	51.2 V
Nominal Capacity	102 Ah
Nominal Energy	5.2 kWh
Usable Capacity	5 kWh
Operating Voltage	48 V - 57.6 V
Recommended Charging Current	50 A
Max Peak Charging Current	100 A
Max Discharging Current	100 A
Depth of Discharge (DoD)	90%
BMS***	Robust Multi point monitoring BMS pre installed

* Consult us for the list of compatible inverters
 ** **Warranty:** 5 years warranty subject to BMS valid reporting. Warranty is valid for compatible inverters.
 *** **BMS:** Over Temperature cut off, Over Voltage cut off, Short Circuit Protection, Over Charge/ Discharge cut off, Over Current cut off
 **** **Certifications:** UN38.3, IEC 62619, IEC61000, UL 1642(cell) (more available upon request)



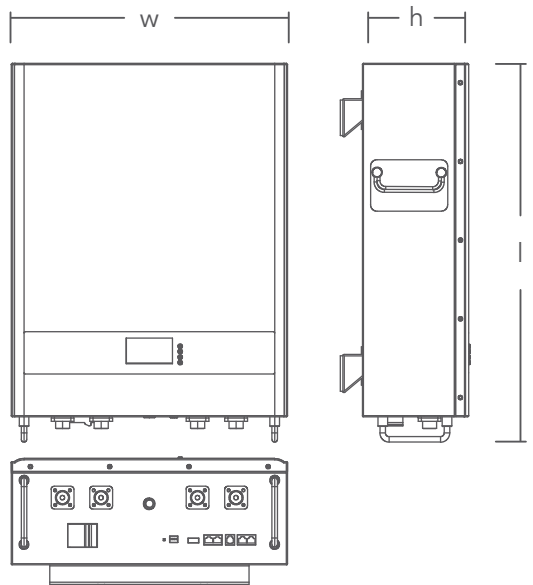
**Wall Mounted Serie ECO
Lithium Battery 5 kWh
51.2V 100 Ah BMS IP55**

PRODUCT HIGHLIGHTS

- ~ Aesthetic and Compact wall mounted Lithium-ion battery storage system
- ~ Higher energy storage capacities
- ~ Built-in Battery Management System (BMS)
- ~ Expandable up to 16 batteries in parallel up to 80 kWh
- ~ Ideal for back-up and PV installation
- ~ Low voltage ESS
- ~ Grade A LiFePO4 Prismatic cells
- ~ Communication with various types of inverters by CAN2.0, RS485, RS232*
- ~ Front LCD monitor
- ~ Very deep cycle
- ~ For residential and commercial installations

GENERAL CHARACTERISTICS

Product Reference	BLIWE48100
Material	Metal
Cycle Life	8'000 Cycles @ 80% DoD /25°C / 0.5C)
System Connection	Max 16 pieces in parallel
Battery Connectors	Fast type (In/ Out)
Communication Port	CAN2.0 / RS232 / RS485
Working Temperature	-10°C...+55°C
Storage Temperature	-10°C...+45°C
Ingress Protection	IP55
Dimensions (l x w x h)	550 x 430 x 160 mm
Weight	48 Kg



ELECTRICAL CHARACTERISTICS

Nominal Voltage	51.2 V
Nominal Capacity	102 Ah
Nominal Energy	5.2 kWh
Usable Capacity	5 kWh
Operating Voltage	48 V - 57.6 V
Recommended Charging Current	50 A
Max Peak Charging Current	100 A
Max Discharging Current	100 A
Depth of Discharge (DoD)	90%
BMS***	Robust Multi point monitoring BMS pre installed

* Consult us for the list of compatible inverters
 ** **Warranty:** 5 years warranty subject to BMS valid reporting. Warranty is valid for compatible inverters.
 *** **BMS:** Over Temperature cut off, Over Voltage cut off, Short Circuit Protection, Over Charge/ Discharge cut off, Over Current cut off
 **** **Certifications:** UN38.3, IEC 62619, IEC61000, UL 1642(cell) (more available upon request)



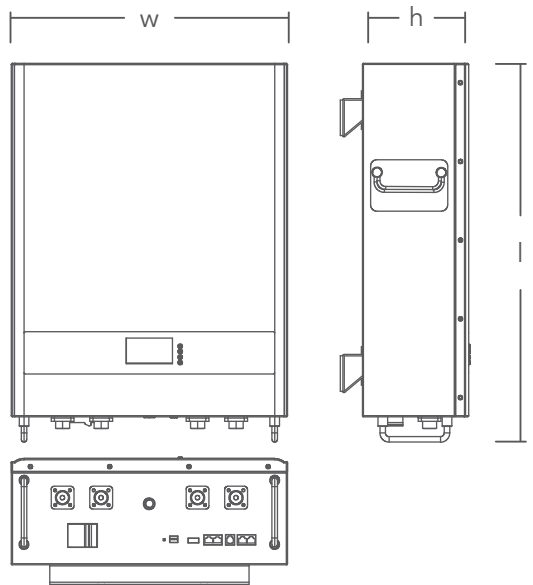
**Wall Mounted Serie PRO
Lithium Battery 10 kWh
51.2V 200 Ah BMS IP55**

PRODUCT HIGHLIGHTS

- ~ Aesthetic and Compact wall mounted Lithium-ion battery storage system
- ~ Higher energy storage capacities
- ~ Buit-in Battery Management System (BMS)
- ~ Expandable up to 16 batteries in parallel up to 167 kWh
- ~ Ideal for back-up and PV installation
- ~ Low voltage ESS
- ~ Grade A LiFePO4 Prismatic cells
- ~ Communication with various types of inverters by CAN2.0, RS485, RS232*
- ~ Front LCD monitor
- ~ Very deep cycle
- ~ For residential and commercial installations

GENERAL CHARACTERISTICS

Product Reference	BLIWP48200
Material	Metal
Cycle Life	8'000 Cycles @ 80% DoD /25°C / 0.5C)
System Connection	Max 16 pieces in parallel
Battery Connectors	Fast type (In/ Out)
Communication Port	CAN2.0 / RS232 / RS485
Working Temperature	-10°C...+55°C
Storage Temperature	-10°C...+45°C
Ingress Protection	IP55
Dimensions (l x w x h)	866 x 500 x 174 mm
Weight	95 Kg



ELECTRICAL CHARACTERISTICS

Nominal Voltage	51.2 V
Nominal Capacity	204 Ah
Nominal Energy	10.44 kWh
Usable Capacity	10 kWh
Operating Voltage	48 V - 57.6 V
Recommended Charging Current	100 A
Max Peak Charging Current	100 A
Max Discharging Current	100 A
Depth of Discharge (DoD)	90%
BMS***	Robust Multi point monitoring BMS pre installed

* Consult us for the list of compatible inverters
 ** **Warranty:** 5 years warranty subject to BMS valid reporting. Warranty is valid for compatible inverters.
 *** **BMS:** Over Temperature cut off, Over Voltage cut off, Short Circuit Protection, Over Charge/ Discharge cut off, Over Current cut off
 **** **Certifications:** UN38.3, IEC 62619, IEC61000, UL 1642(cell) (more available upon request)



Creo Light Warranty

The “Warranty Period” will begin at the date of original Product purchase from either **Creo Light**, or an authorized **Creo Light Distributor/Dealer**. **Creo Light** will repair or replace products that are under this warranty with components at **Creo Light’s** election or discretion. Advances in technology may lead to “better or advanced” products being selected for replacement.

This Warranty is further conditioned on the purchaser contacting **Creo Light** during the warranty period between normal business hours to review the issue and initiate the Returned Merchandise Authorization (RMA) process. This must be done prior to the return of any defective product. Only products manufactured by **Creo Light** may be returned through the **Creo Light RMA** process. No defective products, **Creo Light** or otherwise, will be returned to purchaser. The **Creo Light RMA** form must be legible and completed in details prior to approval for return.

The **Creo Light Warranty** is further conditioned and will only apply to **Creo Light** products that are properly installed. This includes wiring and connection to proper approved components and product working environments. This Warranty is void and does not apply to products that fail as a result of neglect, mistake, misuse, alteration, improper installation or implementation. This includes but is not limited to: improper wiring, installation under improper and non-approved operating environments such as temperature, humidity, chemical contents environment or voltage conditions; improper installation using components that are not approved or are not **Creo Light** products.

Installation and usage of **Creo Light** products should only be completed in association and complete knowledge of all necessary and related codes, standards and instructions of installation. It is the responsibility of the purchaser to obtain all necessary approvals and to understand the product’s intended use and all relevant instructions, recommendations, and guidelines for the proper installation, use of any **Creo Light** product and related “manufactured products,” used in conjunction with. The accuracy and completeness of any statements, technical information and recommendations in any form of product literature or instructions are not guaranteed, are not part of this Warranty, and does not in any way constitute a warranty. The purchaser is responsible for suitability of installation and full implementation and must determine potential applications and installations independently.

The **Creo Light Warranty** is limited to the supply only in exchange of the defective product. In no way **Creo Light** will be responsible or chargeable for any cost on site involving dismantling and the re-mounting and for any charges related to the specificity of the site conditions.

Warranty Compensation will be based on “usage factors and time in use” and “Technology Value,” and will be prorated based on this and the information collected via the RMA process.

★ BASIC WARRANTY

LED Lamps	3 YEARS	LED Outdoor Fixtures	3 YEARS
LED Strips	3 YEARS	LED Controllers	3 YEARS
LED Indoor Fixtures	3 YEARS	LED Drivers	3 YEARS

★ EXTENDED WARRANTY FOR SPECIAL APPLICATIONS

Creo Light provides an extended five year warranty for selected LED fixtures and components. The extended warranty is noted in the respective product datasheet.

