

The background of the entire page is a dark blue to black gradient, overlaid with a complex pattern of glowing purple and blue dots. These dots form several distinct, wavy, horizontal bands that flow from left to right. The bands vary in density and brightness, with some appearing as sharp, bright lines and others as more diffuse, cloud-like shapes. The overall effect is one of dynamic energy and modern technology.

EURBORN[®]

2023Catalogue

The background is a dark blue gradient with intricate, wavy patterns of glowing purple and blue dots and lines, creating a sense of depth and movement.

EURBORN

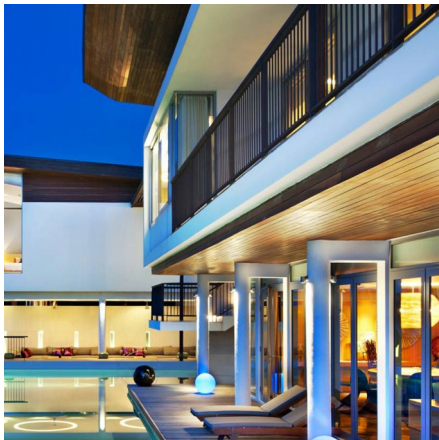
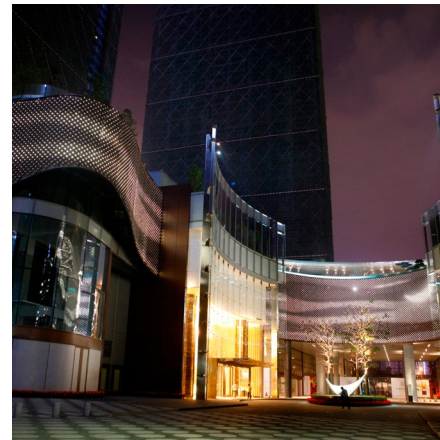
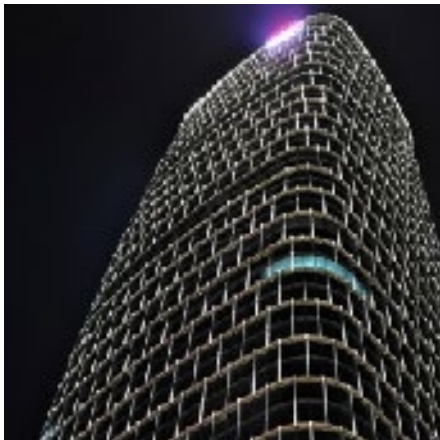
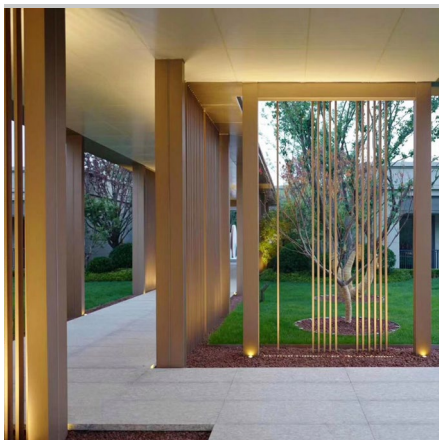
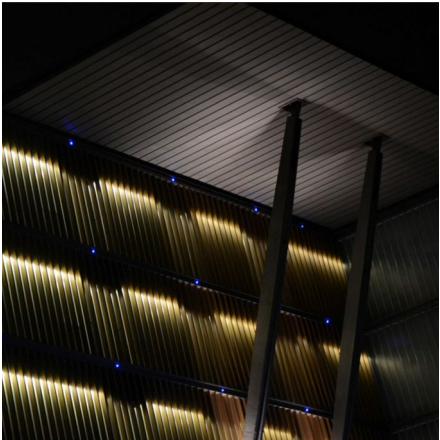
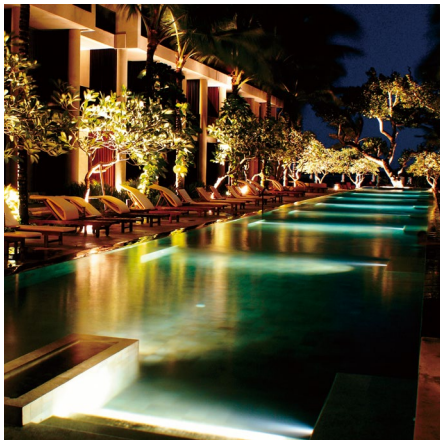
Eurborn, as its name is unique in the market with plethora of competitors.

About us

Eurborn co.,Ltd, it was established in 2006,Obtained ,ISO9001:2015 certified production of high-power LED lamps and plastic mold design and manufacture of professional manufacturers. It has 125 employees, including 20 technical staff. In addition, the company plant area of 5400 square meters, including an area of 650 square meters of clean room.

Our company is a company with strong production capacity of the scale enterprises,with 4 automatic production lines, three semi-automatic production lines, 12 injection molding machines and 8 metal machinery, CNC mold multiple professional equipment. Meanwhile, the company has a strong management team and a solid strong technical strength.

Our company also has a strong influence in industry on product sales, Production marketing covers Europe, North America, Asia, and Oceania, welcomed by most customers. We insist: customer first, reputation for service, manage for efficiency,innovation for development, quality for market, Confirm to market changes and make the greatest efforts to meet customer demand responsibility.



Company qualification



Certified patent



Contents



10 83



84 89



90 129



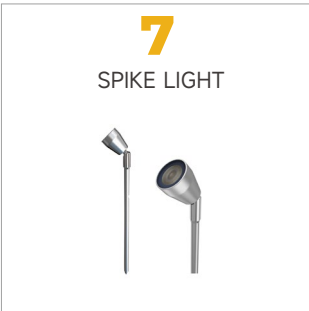
130 163



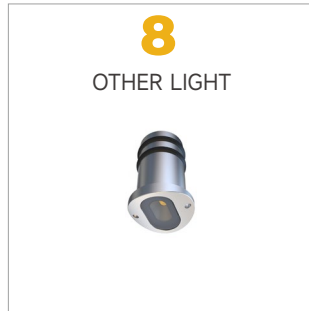
164 185



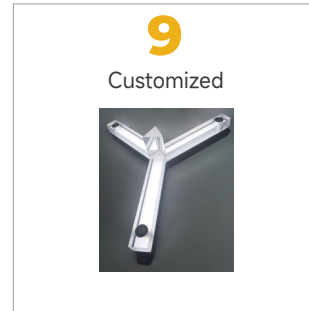
186 217



218 229



230 243



244 247

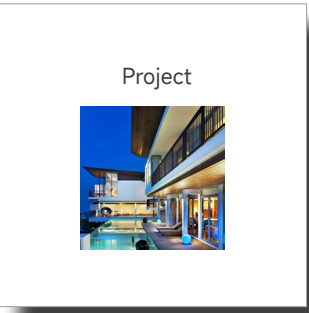
Contents-accessories



248 249



250 259



260 263



Underwater Light

[Contents](#)[Web](#)

Contents

[Web](#)[Contents](#)

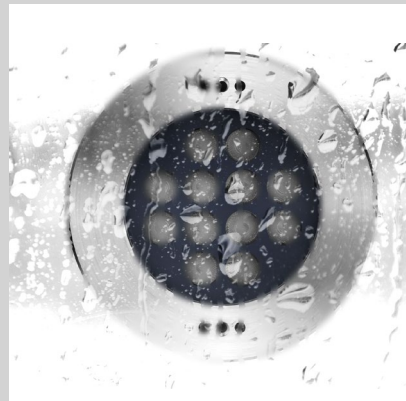
Photo	Model	Power(W)	Beam(°)	Color(K)	IP	Page
	EU1920	12	10/40)	Monochrome/ FullColor	68	014/015 ▶
	EU1960	36	S20/F60(30/45)	Monochrome/ FullColor	68	016/017 ▶
	GL108	1	120	Monochrome/ FullColor	68	018/019 ▶
	GL112	1.3	S20/F60	Monochrome/ FullColor	68	020/021 ▶
	GL112H	1.3	S20/F60	Monochrome/ FullColor	68	022/023 ▶
	GL116	1.3	S12/F45	Monochrome/ FullColor	68	024/025 ▶
	GL116H	1.3	S20/F60	Monochrome/ FullColor	68	026/027 ▶
	GL116Q	1.3	S25x40/F20x50	Monochrome/ FullColor	68	028/029 ▶
	GL116SQ	3.5	S12/F45	Monochrome/ FullColor	68	030/031 ▶
	GL118	1	120	Monochrome/ FullColor	68	032/033 ▶
	GL118T	1	120	Monochrome/ FullColor	68	034/035 ▶
	GL119	2	S20/F60	Monochrome/ FullColor	68	036/037 ▶
	GL119T	2	S20/F60	Monochrome/ FullColor	68	038/039 ▶
	GL119CT	2	S20/F60	Monochrome/ FullColor	68	040/041 ▶
	GL119SQ	2	S20/F60	Monochrome/ FullColor	68	042/043 ▶
	GL129	3	S20/F60	Monochrome/ FullColor	68	044/045 ▶
	GL140B	5	15/24/36/60	Monochrome	68	046/047 ▶
	GL140BP	5	Tilt 5° /20° /30°	Monochrome	68	048/049 ▶
	GL140	9	10/S20/30/45/F60	Monochrome/ FullColor	68	050/051 ▶
	GL140SQ	9	F20/F60	Monochrome/ FullColor	68	052/053 ▶
	GL150	9	120	Monochrome/ FullColor	68	054/055 ▶
	GL550RGB	9	120	Monochrome/ FullColor	68	056/057 ▶
	GL166	12	-	Monochrome/ FullColor	68	058/059 ▶
	GL168	12	S10/F40	Monochrome/ FullColor	68	060/061 ▶

Photo	Model	Power(W)	Beam(°)	Color(K)	IP	Page
	GL266	6.5	S10/F40	Monochrome/ FullColor	68	062/063 ▶
	GL268	9	S10/F40	Monochrome/ FullColor	68	064/065 ▶
	GL308	1	120	Monochrome/ FullColor	68	066/067 ▶
	BL100	20	F40	Monochrome/ FullColor	68	068/069 ▶
	PL021	3.5	12/45	Monochrome/ FullColor	68	070/071 ▶
	PL023	9	S20/F60	Monochrome/ FullColor	68	072/073 ▶
	PL023-2L	9	S20/F60	Monochrome/ FullColor	68	074/075 ▶
	PL026	10	S10/F40	Monochrome/ FullColor	68	076/077 ▶
	EU3042	32	S20/ F60(10/30/45)	Monochrome/ FullColor	68	078/079 ▶
	EU1971	36	20/30/45/60/ 10X45 /10X60	Monochrome/ FullColor	68	080/081 ▶
	EU1972	36	20/30/45/60/ 10X45 /10X60	Monochrome/ FullColor	68	082/083 ▶

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

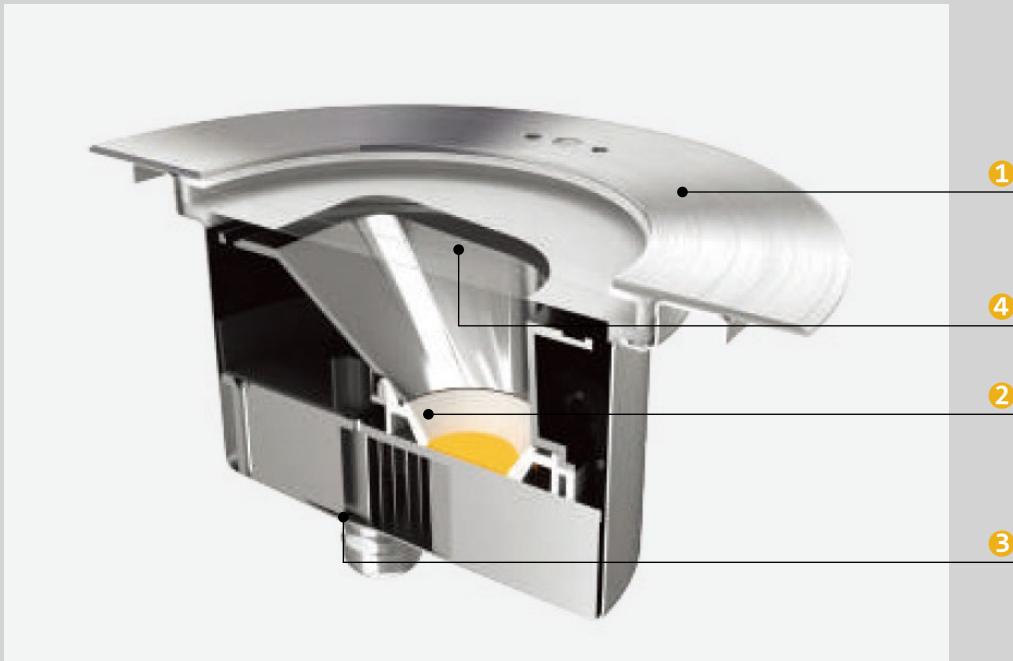
Underwater Light

Web Contents



Safety and reliability are our primary goals in developing water environment lamps.

Series has good heat dissipation and waterproof design, and is suitable for lighting occasions;Extensive, such as underwater, architecture, garden, indoor, etc. Series can provide a variety of model selection, light distribution, color temperature and color products, and coordinate with the adjustment; The light system jointly creates an elegant and dreamy light environment.



- 1 Lamp body: sus 316 stainless steel is selected to ensure maximum reliability even in extreme environments with high salinity; The lamp can withstand a static pressure of 500kg. Effective heat dissipation, so that the lamp has a long life;
- 2 Optics: with high-quality LED light source and excellent optical design, the lamp has obtained excellent quality, multiple light distribution, and good RGBW color mixing effect.
- 3 Waterproof connector: waterproof connector with IP68;
- 4 Glass: transparent and colorless tempered sealing glass, 10mm thick;
- 5 Cable: the lamp body carries a cable no less than 3m long, so that the lamp can be separated from the water body when maintenance is required; The specific length can be customized according to the needs of the project, so that the line does not need intermediate wiring, and the use is safe and stable.



Embedded



Surface mounting
Circular



Surface mounting
Linetype

Underwater Light

Contents Web



1



3



4



2

- 1 Project: Italian swimming pool; Product: GL166
- 2 Project: Beijing theater; Product: GL112

- 3 Project: Sumei Island, Thailand; Product: GL140
- 4 Project: Dubai square waterscape; Product: EU1960

EU1920



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.8kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS166 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Marine grade 316 stainless steel fixture complete with integral CREE LED package. Fixture rated to IP68. Suitable for the illumination of small/medium trees, building exteriors, columns if the voltage less than 9W. Above 9W, The luminaires may only be operated under water, recessed luminaires for private and public swimming pools. Underwater luminaires in various sizes and light outputs for installation in concrete, foil, metal or synthetic pools. To avoid harmful deposits and dirt on the luminaires, the water must have a neutral pH value and must be free of components that attack metal.

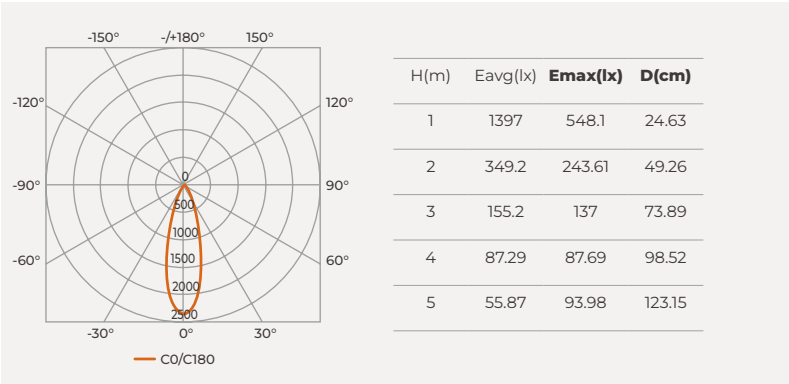


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
6.5	24VDC	500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm ²	10/45(30/60)	EU1920D
6.5	24VDC DMX	500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 4x0.5mm ²	10/45(30/60)	EU1920DMX
6.5	24VDC DMX	-	RGB	-	Constant voltage	Parallel	3M 4x0.5mm ²	10/45(30/60)	EU1920DMX-RGB
12	24VDC DMX	-	RGB	-	Constant voltage	Parallel	3M 4x0.5mm ²	10/45(30/60)	EU1920DMX-RGB
6	350mA	500	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm ²	10/45(30/60)	EU1920

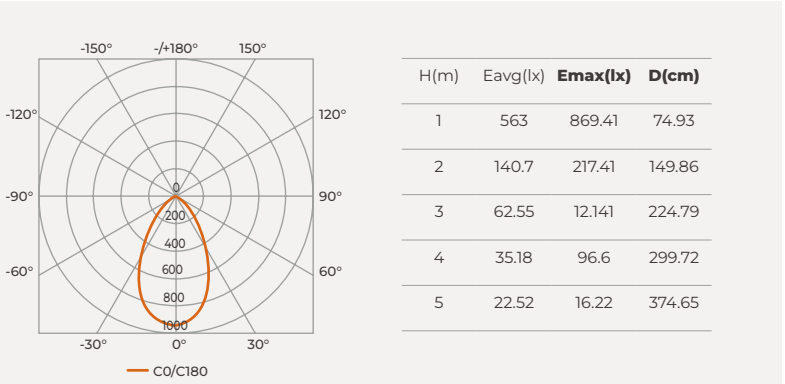
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

Product lists◀

EU1920 6W 4000K 10°



EU1920 6W 4000K 45°



EU1960



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	1.48kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS1960 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Marine grade 316 stainless steel fixture complete with integral CREE LED package. Fixture rated to IP68. Suitable for the illumination of small/medium trees, building exteriors, columns if the voltage less than 18W. Above 18W, the luminaires may only be operated under water, recessed luminaires for private and public swimming pools. Underwater luminaires in various sizes and light outputs for installation in concrete, foil, metal or synthetic pools. To avoid harmful deposits and dirt on the luminaires, the water must have a neutral pH value and must be free of components that attack metal.

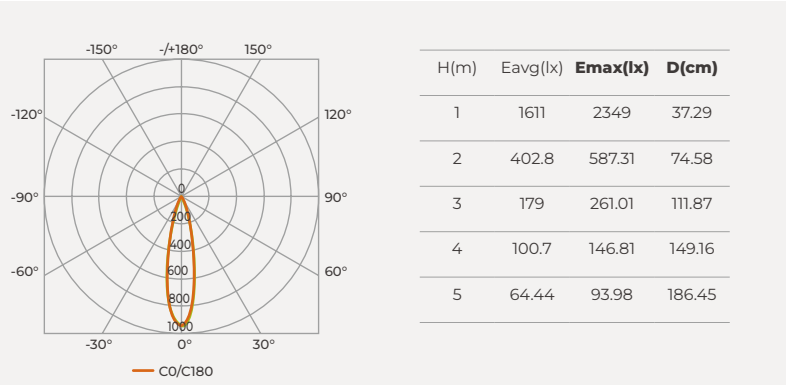


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
13	24VDC	1000	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm ²	20/60(30/45)	EU1960D
13	24VDC	500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm ²	120	EU1960D-M
13	24VDC DMX	1000	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 4x0.5mm ²	20/60(30/45)	EU1960DMX
24	24VDC	2000	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm ²	20/60(30/45)	*EU1960D-24W
36	24VDC	2800	C,W,N	80	Constant voltage	Parallel	3M 2x0.75mm ²	20/60(30/45)	*EU1960D-36W
13	24VDC DMX	-	RGB	-	Constant voltage	Parallel	3M 4x0.5mm ²	20/60(30/45)	EU1960DMX-RG
24	24VDC DMX	-	RGBW	-	Constant voltage	Parallel	3M 4x0.5mm ²	20/60(30/45)	*EU1960DMX-RGBW
12	350mA	1000	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm ²	20/60(30/45)	EU1960

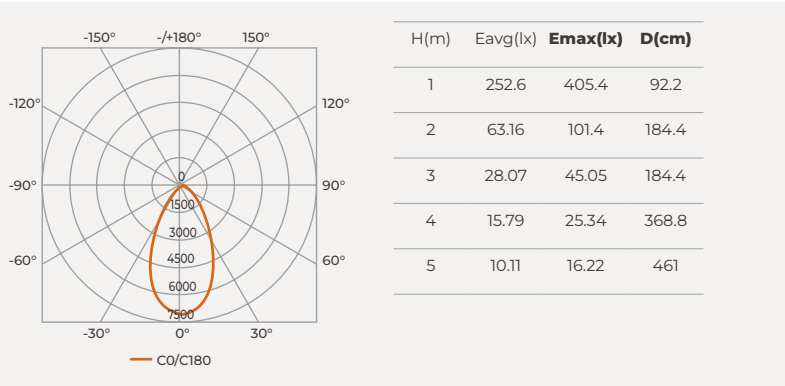
*Underwater use only
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)◀

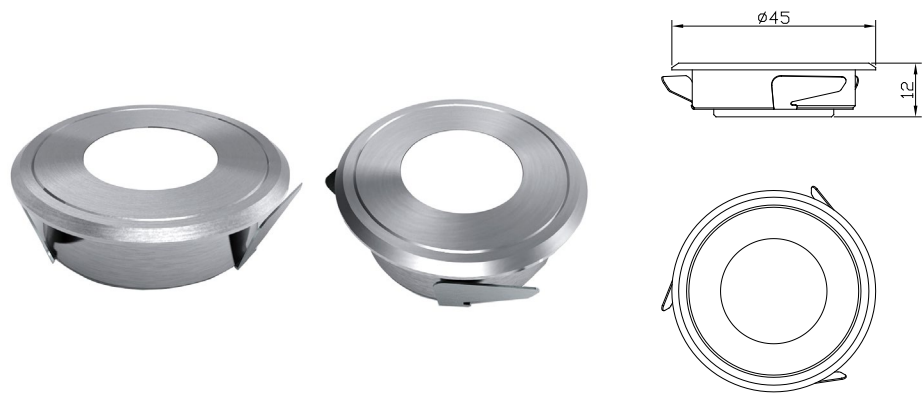
EU1960D 13W 4000K 20°



EU1960D 13W 4000K 60°



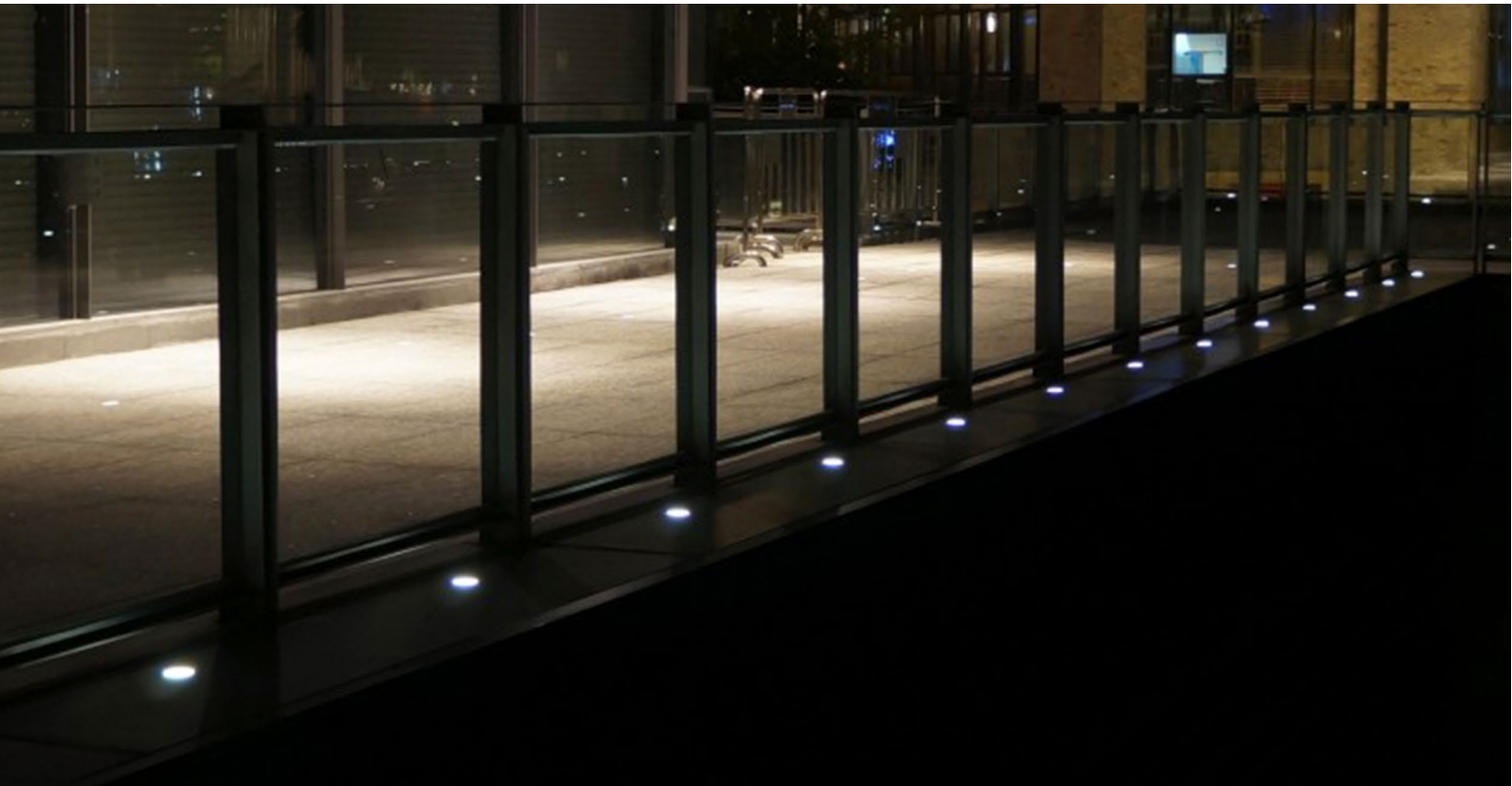
GL108



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.07kg
Control	On/off
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Marine Grade 316 Stainless Steel option with construction rated to IP68.Tempered glass with 120 degree beam option .It is designed to add style to floors ,bars ,walls and ceilings.The clever and stylish design of the light output means no glare even when looking directly at it ,making this product perfect for stair facings .Installation will be Quick and easy.

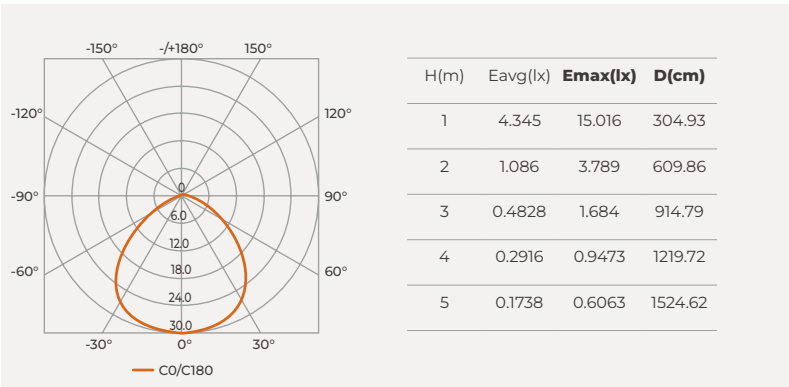


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1	350mA	75	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm²	120	GL108

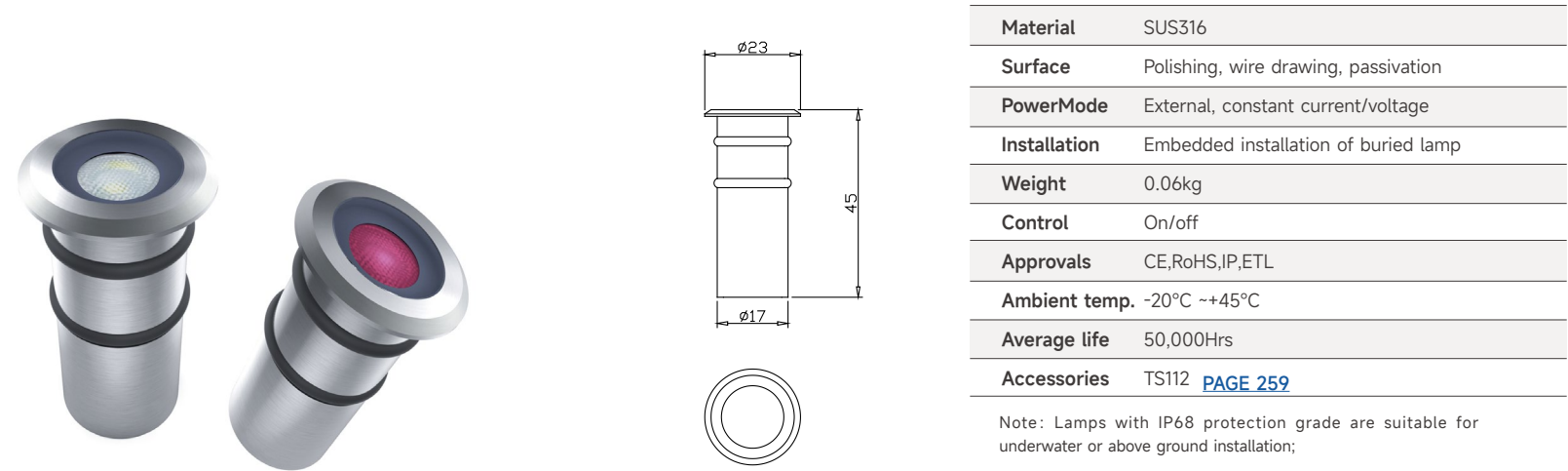
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately . [page256/257](#)

[Product lists](#)

GL108 1W 4000K 120°



GL112



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.06kg
Control	On/off
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS112 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Miniature recessed fixture complete with integral CREE LED Package and 20/60 degree beam options.Marine Grade 316 Stainless Steel option with construction rated to IP68.Tempered glass,with patented cable waterproof design,Product footprint of 23mm diameter ensures versatile application.Inline driver options Include switched,1-10V and DALI dimmable solutions.

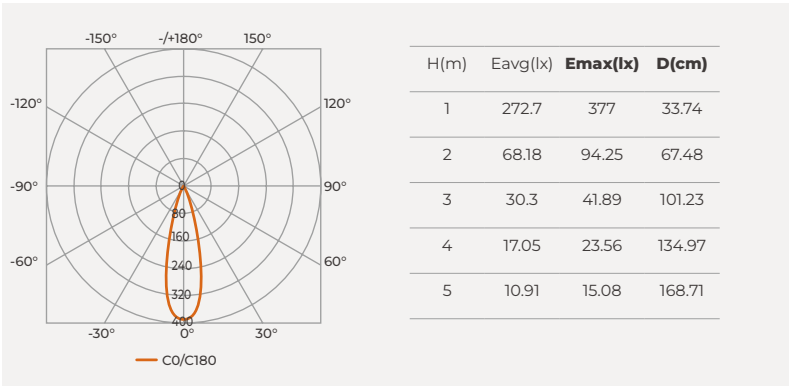


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm²	20/60	GL112D
0.5	24VDC	30	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm²	120	GL112M
0.5	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x24AWG	120	GL112RGB
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm²	20/60	GL112

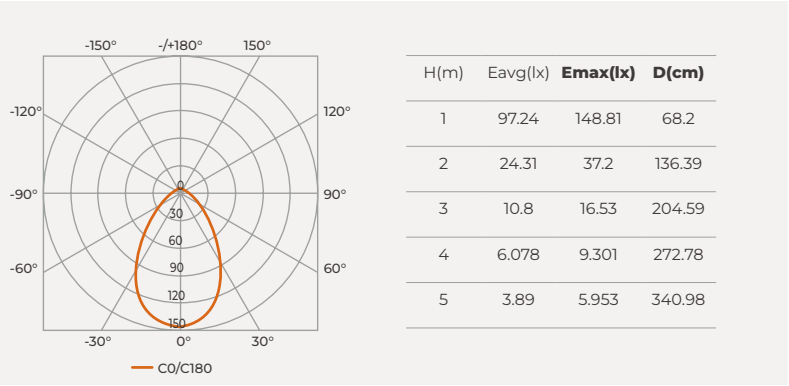
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀

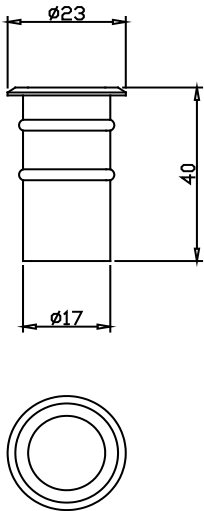
GL112 1W 4000K 20°



GL112 1W 4000K 60°



GL112H



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.06kg
Control	On/off
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS112 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Miniature recessed fixture complete with integral CREE LED Package and 20/60 degree beam options.Tempered glass withUltra low-glare,IP68 ground light is made of marine Grade 316 Stainless Steel .Product footprint of 23mm diameter ensures versatile application .Inline driver options include switched ,1-10V and DALI dimmable solutions .

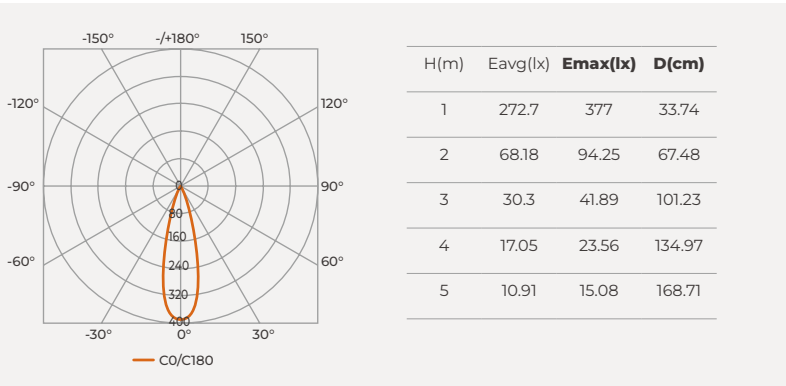


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	20/60	GL112HD
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm ²	20/60	GL112H

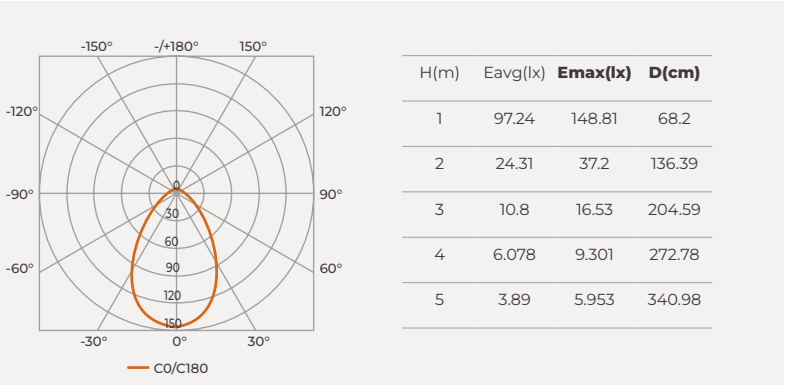
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)◀

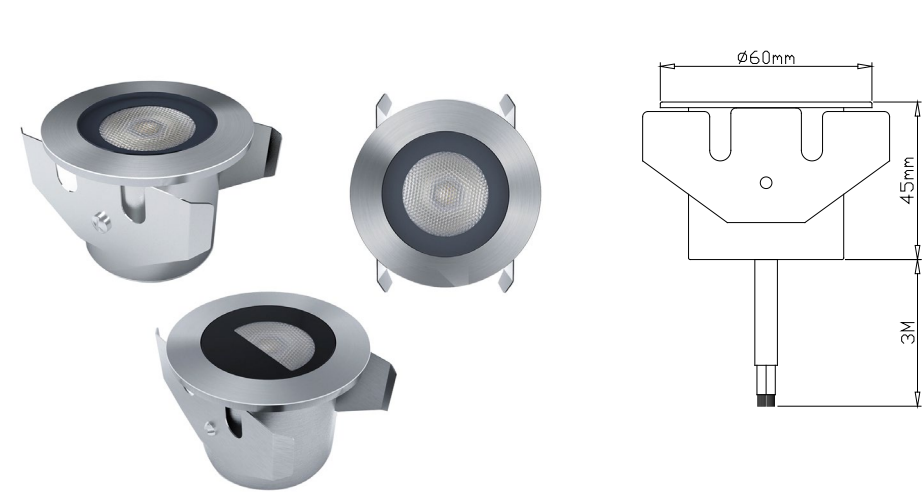
GL112H 1W 4000K 20°



GL112H 1W 4000K 60°



GL116



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.465kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS116 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Miniature recessed fixture complete with integral CREE LED Package and 12/45 degree beam options . Tempered glass ,Marine grade 316 Stainless Steel construction rated to IP68 .Product footprint of 60mm diameter ensures versatile application .Inline driver options include switched , 1-10V and DALI dimmable solutions .

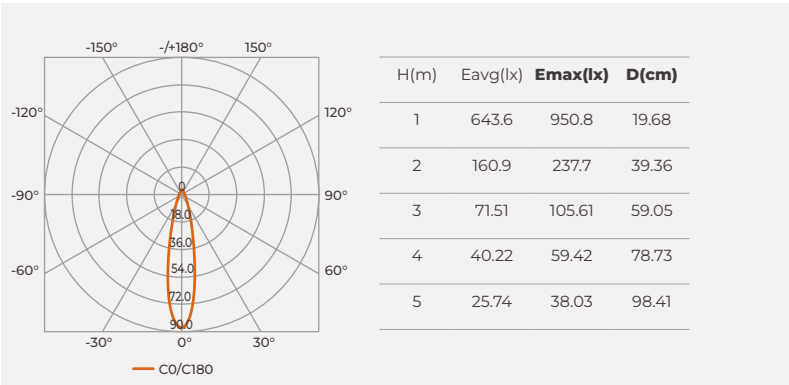


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm²	12/45	GL116D
1	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x0.5mm²	120	GL116DMX-RGB
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm²	12/45	GL116
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm²	12/45	GL116C
3	350mA	-	RGB	-	Constant current	Series	2x3M 4x0.5mm²	45	GL116RGB

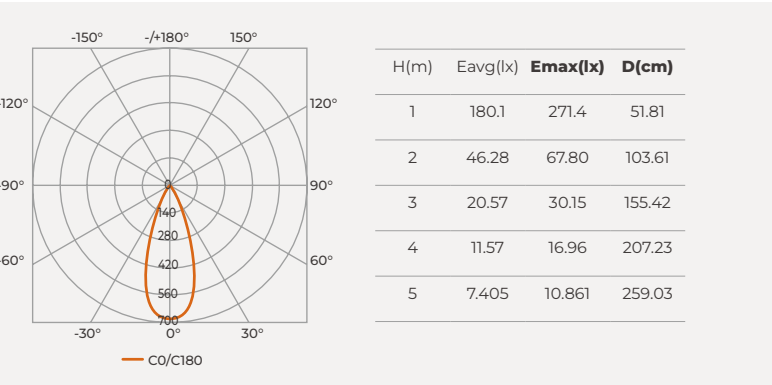
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)

GL116 1W 4000K 12°



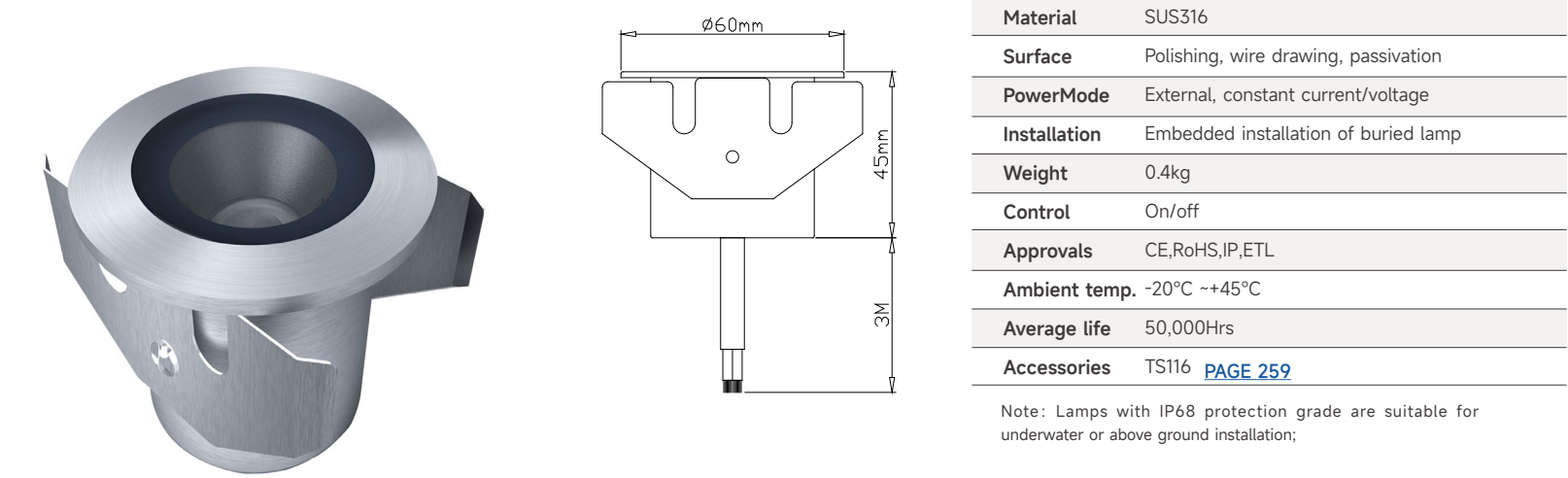
GL116 1W 4000K 45°



Underwater Light

Web Contents

GL116H



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.4kg
Control	On/off
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS116 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Miniature recessed fixture complete with integral CREE LED Package and 20/60 degree beam options . Tempered glass ,Marine grade 316 Stainless Steel option with construction Rated to IP68 Recessed light source and black baffle serve to Minimize glare.Product footprint of 60mm diameter ensures versatile application.Inline driver options include switched,1-10V and DALI dimmable solutions .



Contents Web

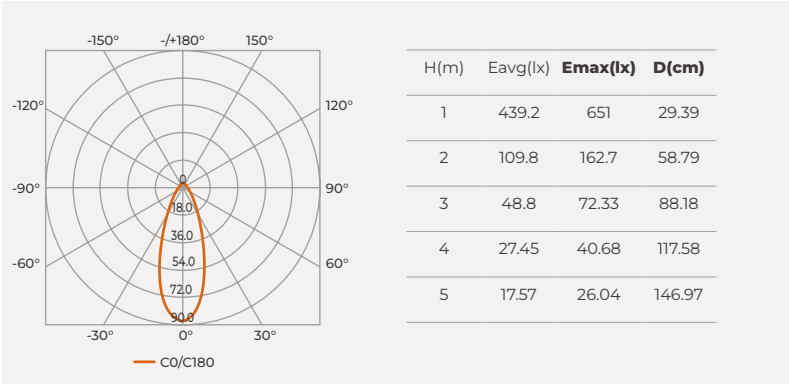
GL116H

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm²	20/60	GL116HD
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm²	20/60	GL116H

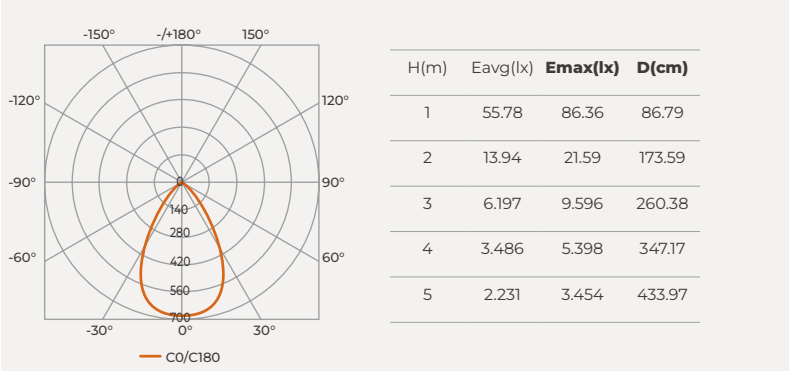
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

[Product lists](#)

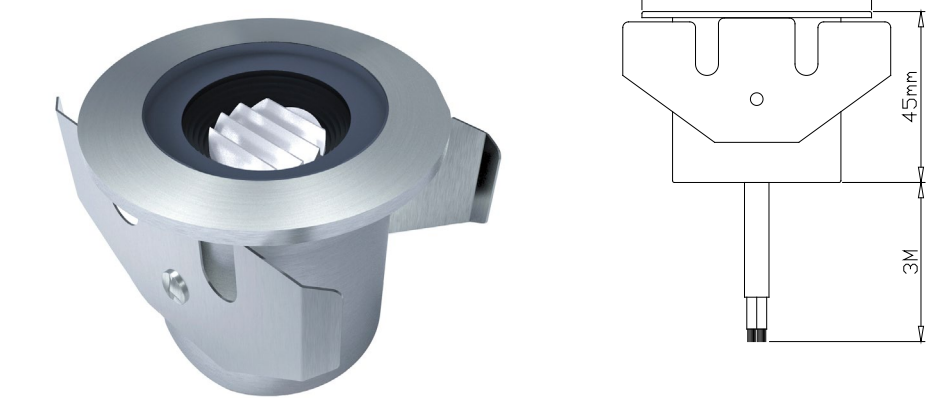
GL116H 1W 4000K 20°



GL116H 1W 4000K 60°



GL116Q



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.465kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS116 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Miniature recessed fixture complete with integral CREE LED Package and S25X45/F20X50 degree beam options. Tempered glass ,marine grade 316 Stainless Steel option with construction Rated to IP68 Recessed light source and black baffle serve to minimize glare.Product footprint of 60mm diameter ensures versatile application . Inline driver options include switched,1-10V and DALI dimmable solutions.Side-entry option also available.

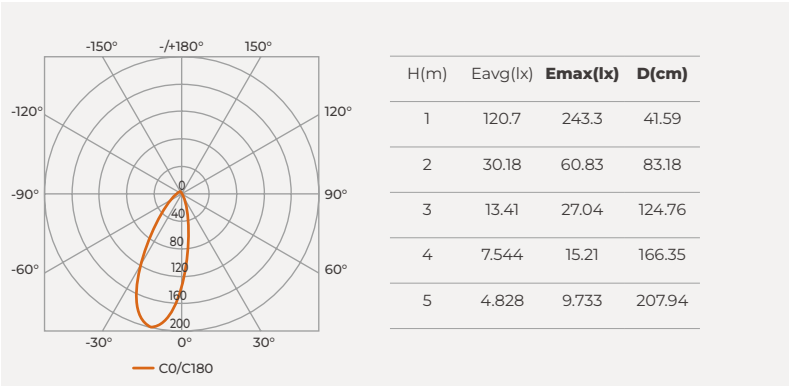


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm²	25x40/20x50	GL116QD
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm²	25x40/20x50	GL116Q

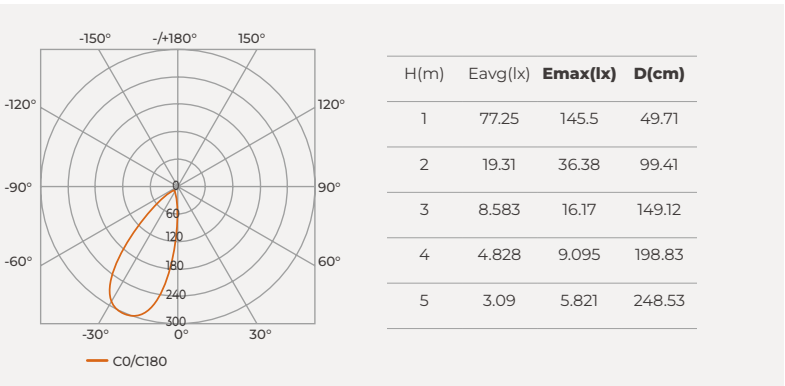
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)◀

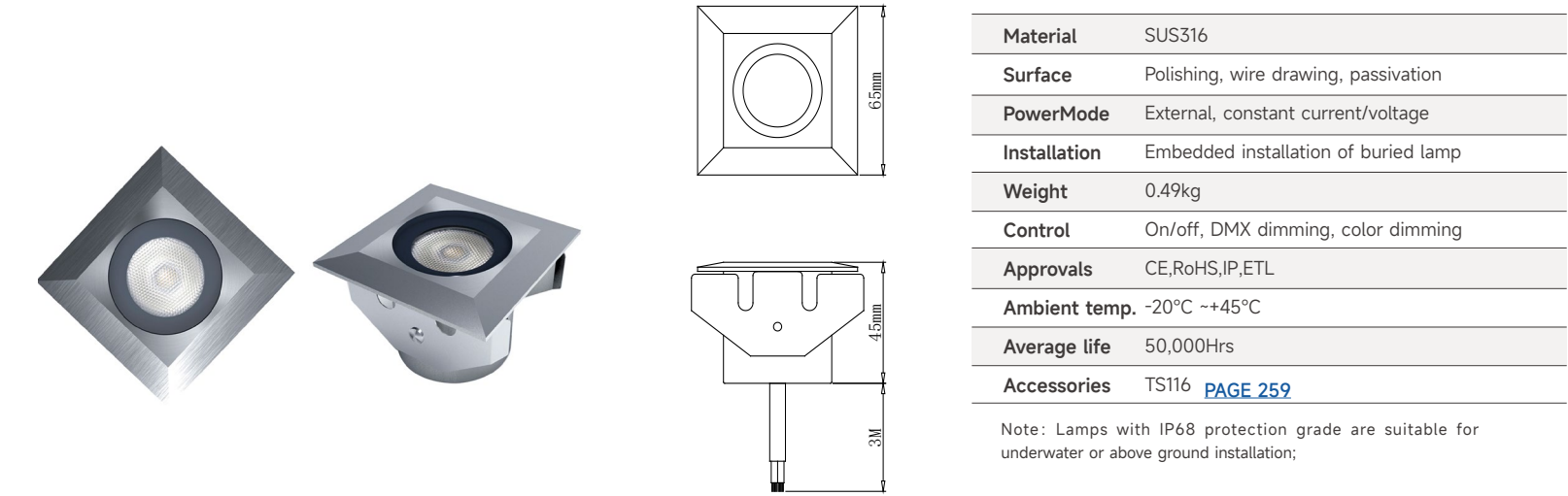
GL116Q 1W 4000K 25x40°



GL116Q 1W 4000K 20x50°



GL116SQ



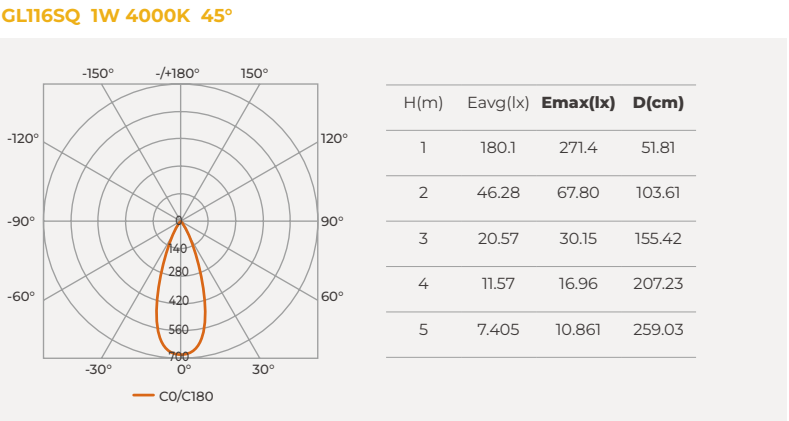
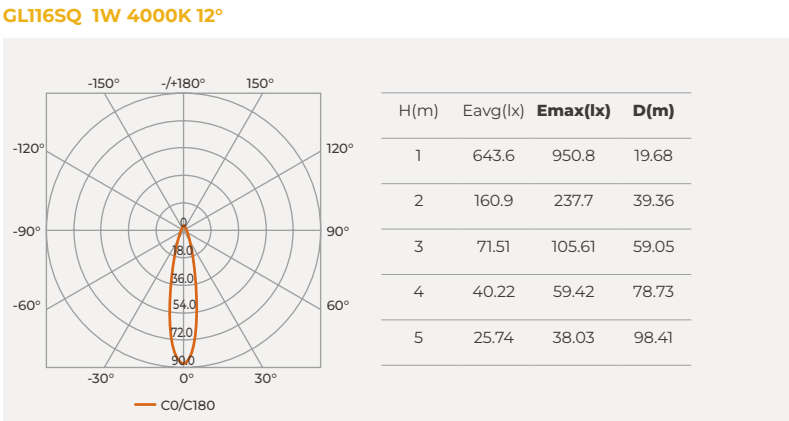
Square recessed fixture complete with integral CREE LED package and 12/45 degree beam options. Tempered glass, marine grade 316 Stainless Steel option with construction rated to IP68. Small Product footprint ensures versatile application. Inline driver options include switched, 1-10V and DALI dimmable solutions.



Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm²	12/45	GL116SQD
3.5	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x0.5mm²	45	GL116SQDMX-RGB
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.5mm²	12/45	GL116SQ
3	350mA	-	RGB	-	Constant current	Series	2x3M 4x0.5mm²	45	GL116SQ-RGB

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

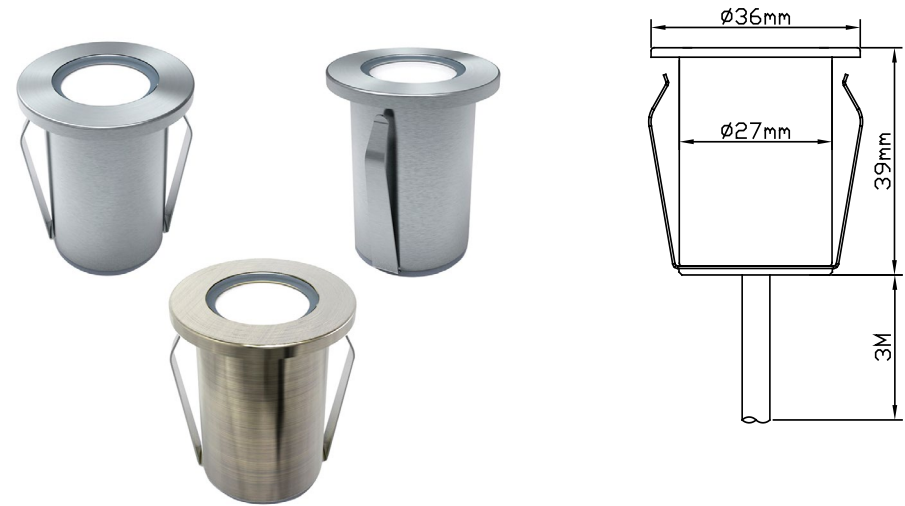
Product lists



Underwater Light

Web Contents

GL118



Material	SUS316/Bronze
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.26kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS118 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Miniature recessed fixture complete with integral CREE LED package.Tempered glass ,frosted optic serves to minimize glare coupled with a diffuse beam distribution.Marine Grade 316 Stainless Steel option with construction rated to IP68. Product footprint of 36mm diameter ensures versatile application.



GL118

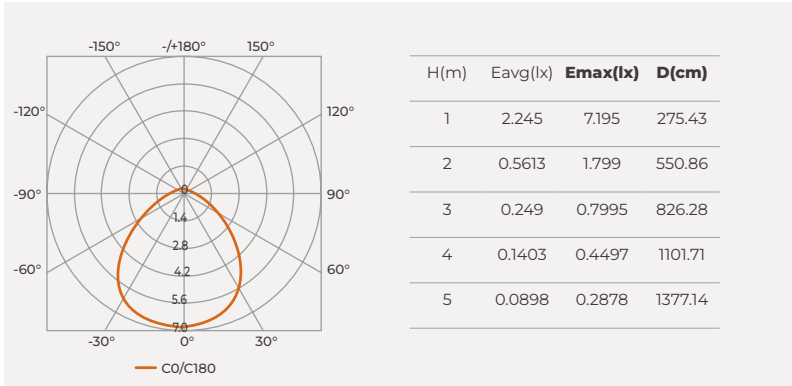
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1	12/24VDC	20	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm²	120	GL118
1	12/24VDC	20	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm²	120	GL118AB
1	RGB24VDC	-	RGB	-	Constant voltage	Parallel	1.1M 4x24AWG	120	GL118-RGB
1	RGB24VDC	-	RGB	-	Constant voltage	Parallel	1.1M 4x24AWG	120	GL118AB-RGB

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

Product lists

GL118 1W 4000K 120°



Underwater Light

Web Contents

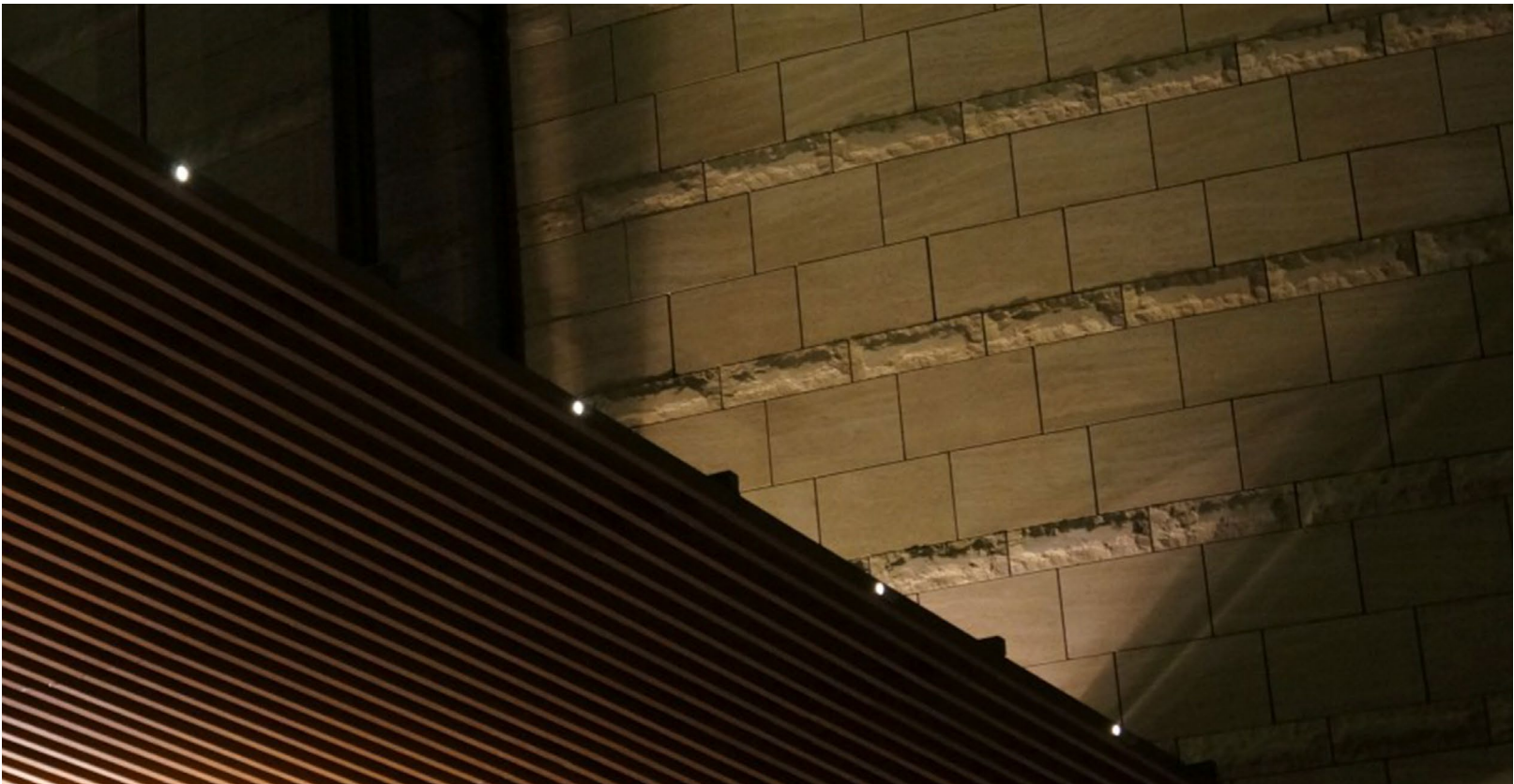
GL118T



Material	SUS316/Bronze
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.28kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS118T PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Miniature recessed fixture complete with integral CREE LED package.Tempered glass,frosted optic serves to minimize glare coupled with a diffuse beam distribution.Marine Grade 316 Stainless Steel option with construction rated to IP68.Bronze option.Product footprint of 36mm diameter ensures versatile application.



GL118T

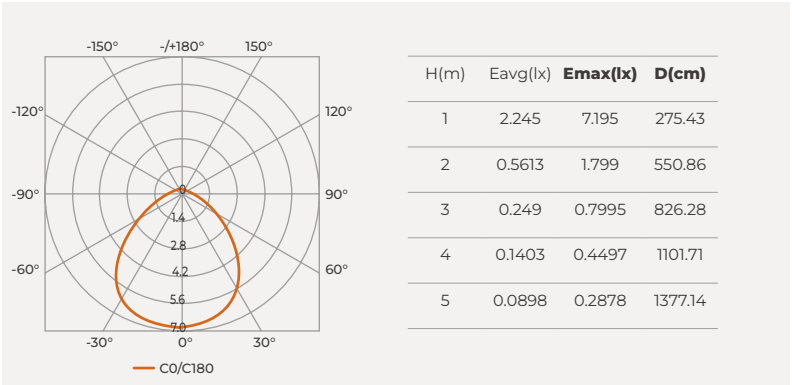
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1	12/24VDC	20	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm²	120	GL118T
1	12/24VDC	20	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm²	120	GL118TAB
1	RGB24VDC	-	RGB	-	Constant voltage	Parallel	1.1M 4x24AWG	120	GL118T-RGB
1	RGB24VDC	-	RGB	-	Constant voltage	Parallel	1.1M 4x24AWG	120	GL118ABT-RGB

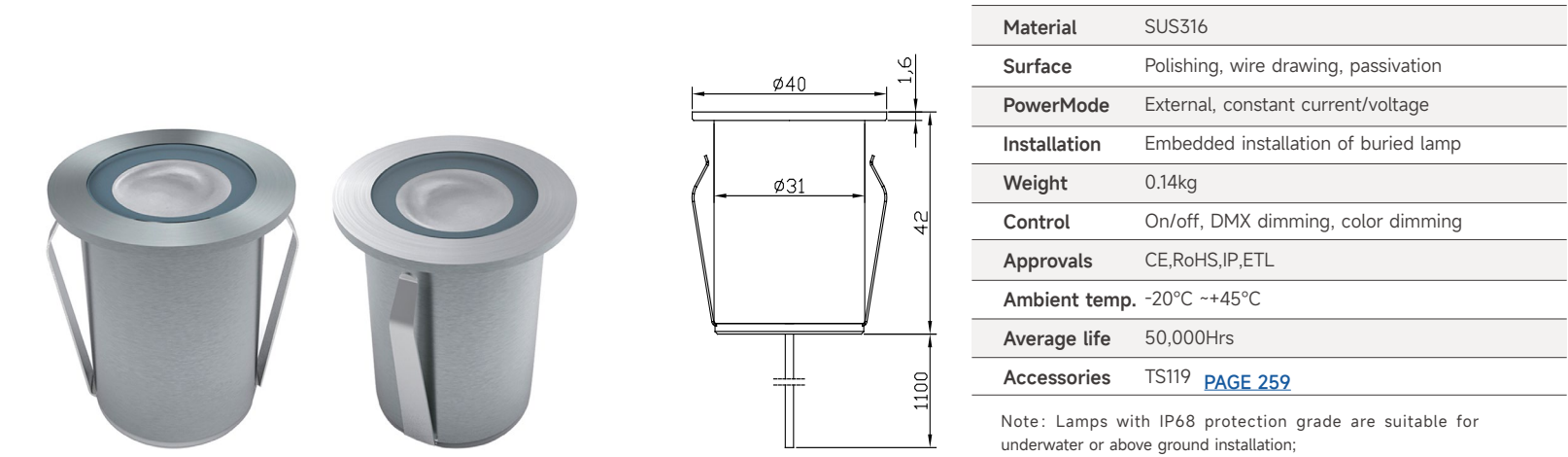
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

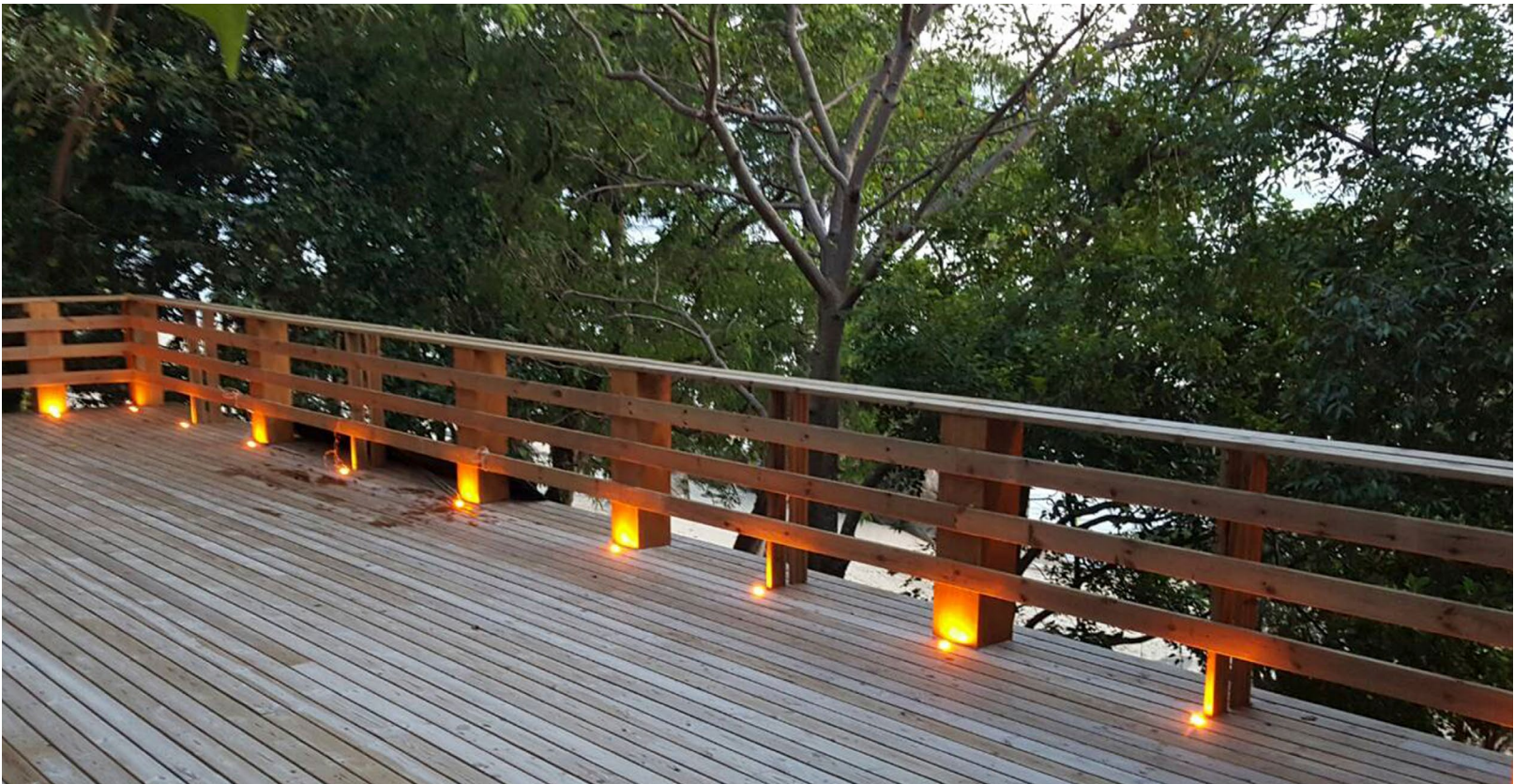
GL118T 1W 4000K 120°



GL119



Miniature recessed fixture complete with integral CREE LED package.Tempered glass,marine grade 316 Stainless Steel Option with construction rated to IP68.Product footprint of 40mm diameter ensures versatile application .Inline driver options Include switched,1-10V and DALI dimmable solutions.

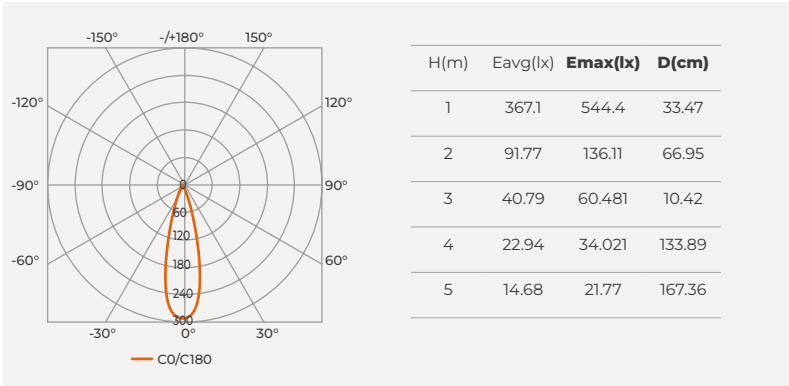


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1	24VDC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	20/60	GL119D
2	24VDC	160	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	20/60	GL119D
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm ²	20/60	GL119

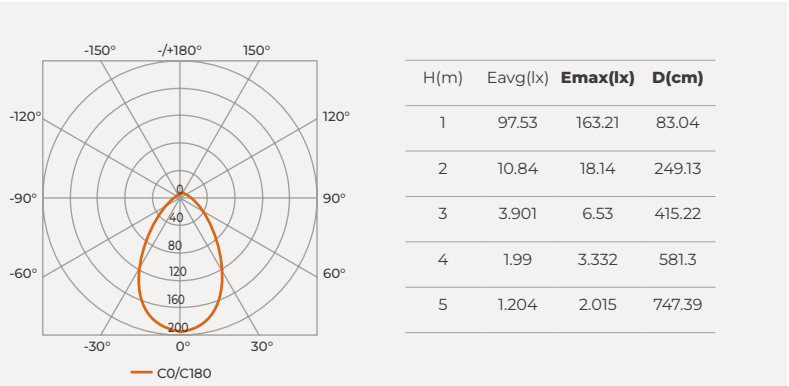
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

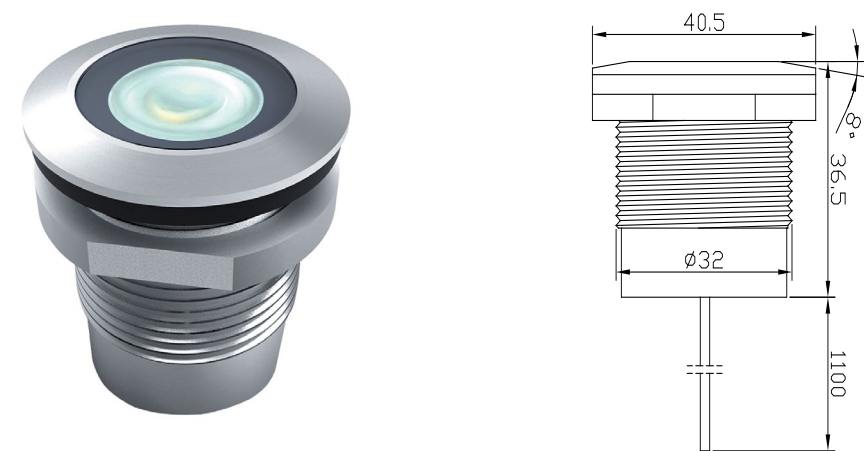
GL119 1W 4000K 20°



GL119 1W 4000K 60°



GL119T



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.15kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS119T PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Miniature recessed fixture complete with integral CREE LED package. Tempered glass, marine grade 316 Stainless Steel Option with constuction rated to IP68.Product footprint of 40mmdiameter ensures versatile application.Inline driver options include switched,1-10V and DALI dimmable solutions.

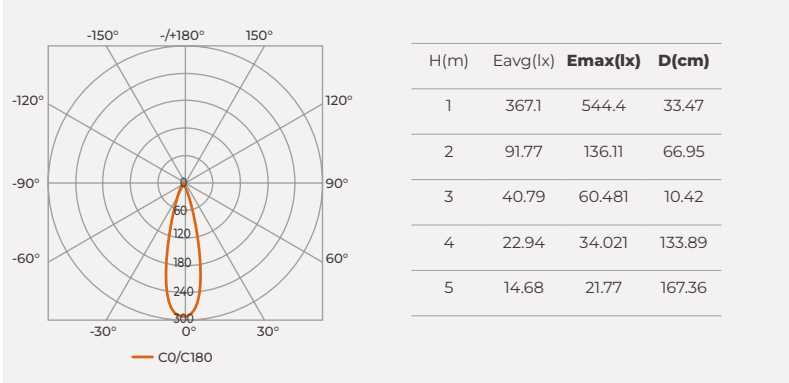


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1	24VDC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm²	20/60	GL119TD
2	24VDC	160	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm²	20/60	GL119TD
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm²	20F60	GL119T

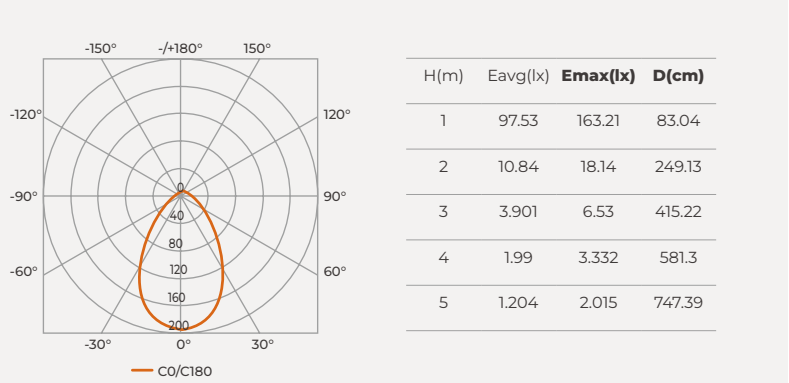
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

[Product lists](#)◀

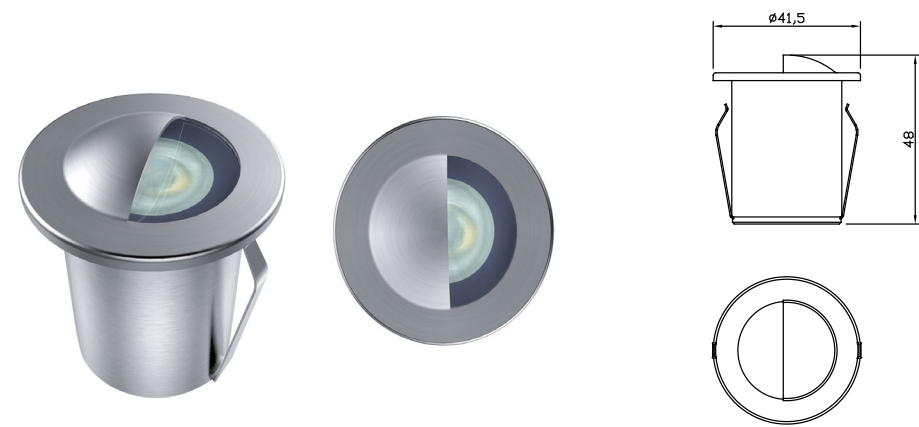
GL119T 1W 4000K 20°



GL119T 1W 4000K 60°



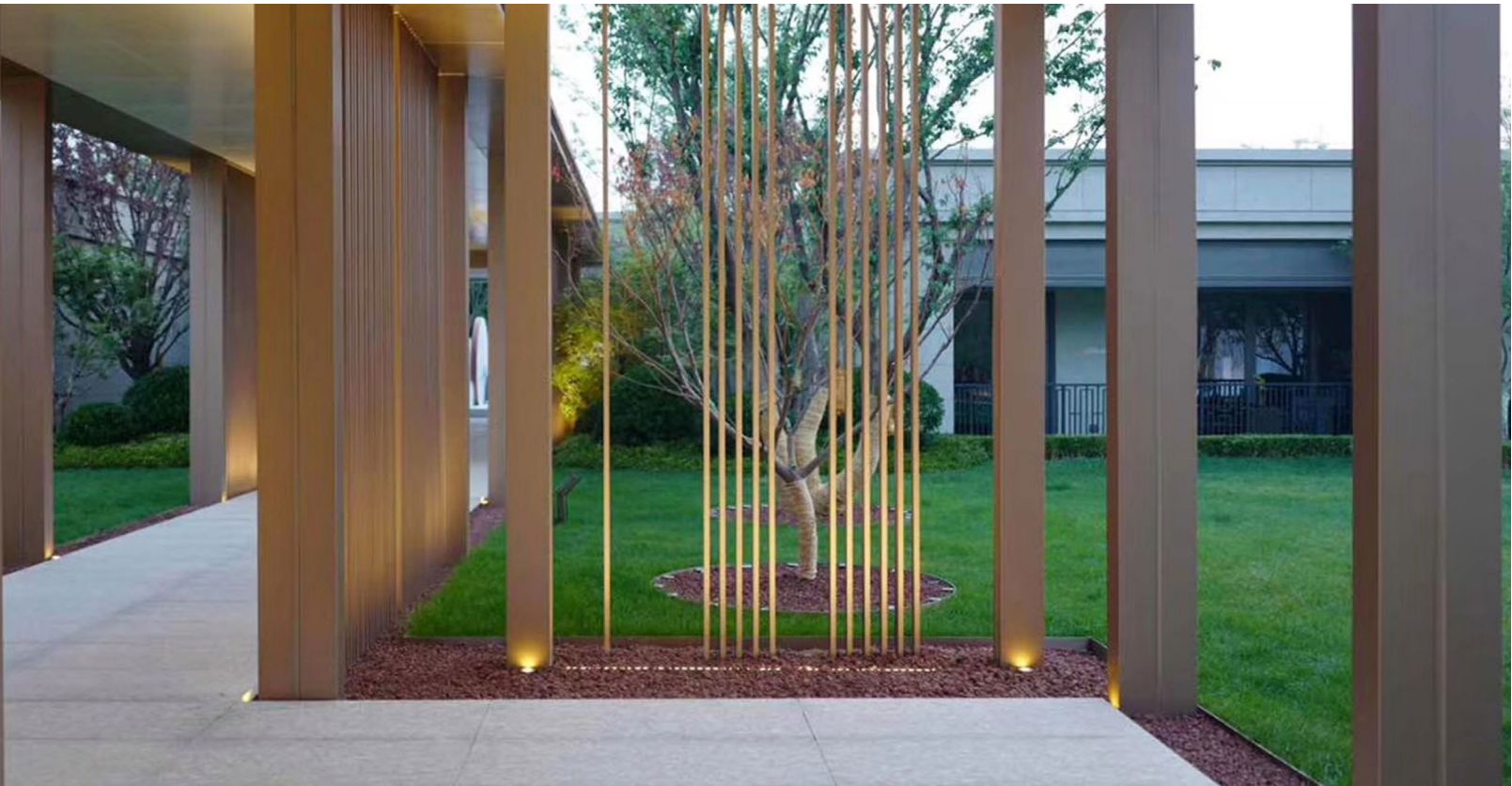
GL119CT



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.14kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS119 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Miniature Eye-Lid fixture complete with integral CREE LED package And 20/60 degree beam options.Tempered glass, marine grade 316 Stainless Steel option with construction rated to IP68 with Eye-Lid Design for asymmetric light emission.Product footprint of 41.5mmdiameter ensures versatile application. Inline driver options include switched,1-10V and DALI dimmable solutions.

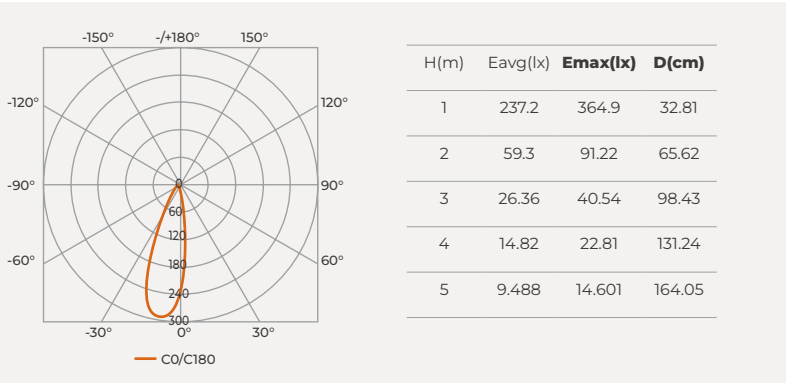


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm²	20/60	GL119CTD
2	24VDC	160	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm²	20/60	GL119CTD
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm²	20/60	GL119CT

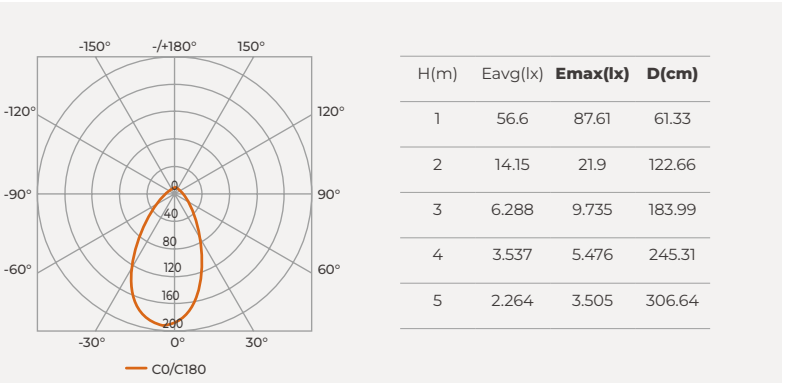
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)◀

GT119CT 1W 4000K 20°



GT119CT 1W 4000K 60°



GL119SQ



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.145kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS119 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Square recessed fixture complete with integral CREE LED package and 20/60 degree beam options.Tempered glass, marine grade 316 Stainless Steel option with construction rated to IP68.Small product footprint ensures versatile application.Inline driver options include switched,1-10V and DALI dimmable solutions.

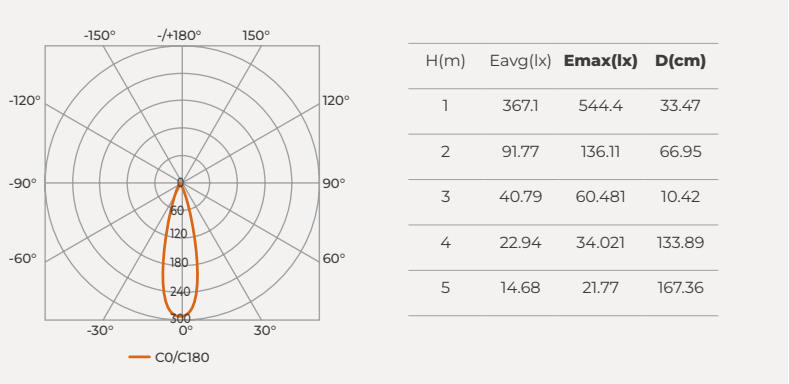


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	20/60	GL119SQD
2	24VDC	160	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	20/60	GL119SQD
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm ²	20/60	GL119SQ

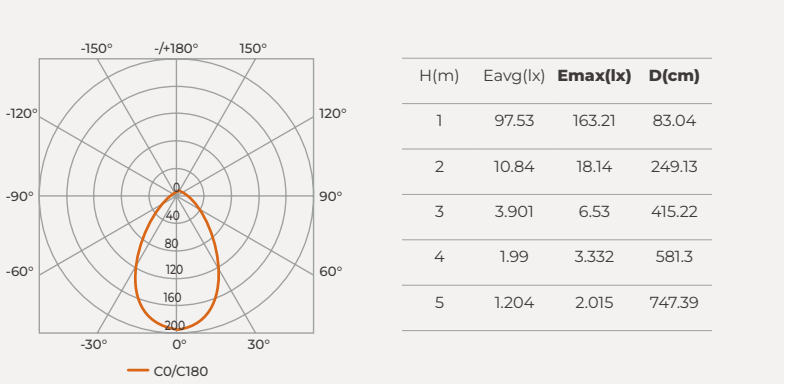
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀

GL119SQ 1W 4000K 20°

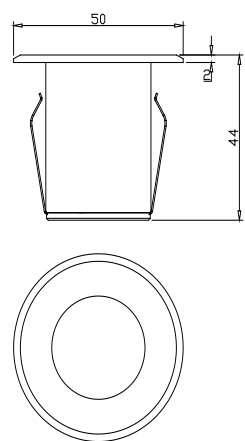


GL119SQ 1W 4000K 60°



1.Underwater
2.Fountain
3.Ground
4.Spot
5.Line
6.Wall
7.Spike
8.Customized
9.Other
System
Accessories

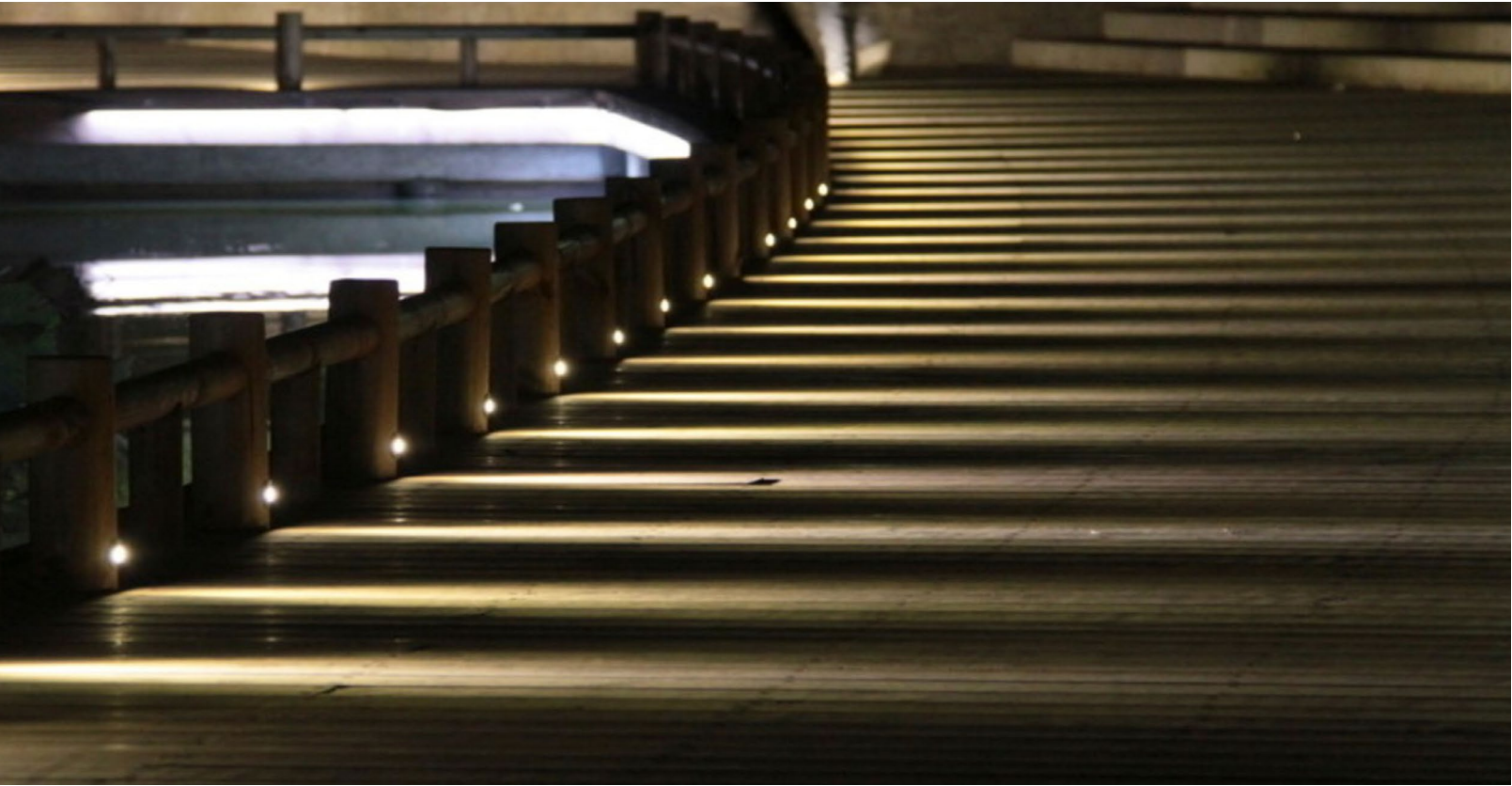
GL129



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.155kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS119 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Miniature recessed fixture complete with integral CREE LED package.Tempered glass,marine grade 316 Stainless Steel option with construction rated to IP68. Product footprint of 50mm diameter ensures versatile application.Inline driver options include switched,1-10V and DALI dimmable solutions.

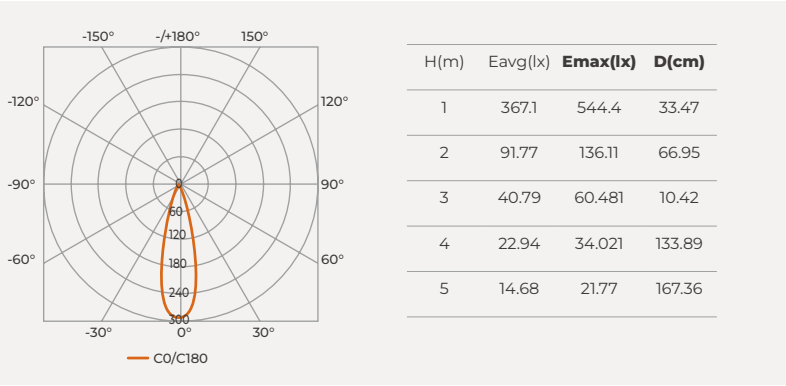


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	20/60	GL129D
3	24VDC	240	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	20/60	GL129D
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm ²	20/60	GL129

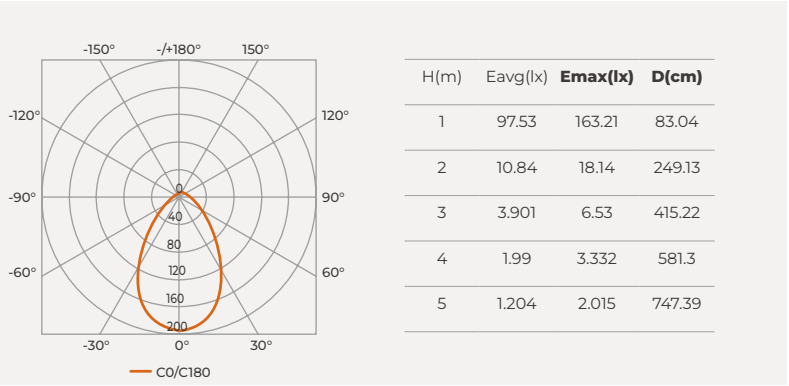
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

Product lists◀

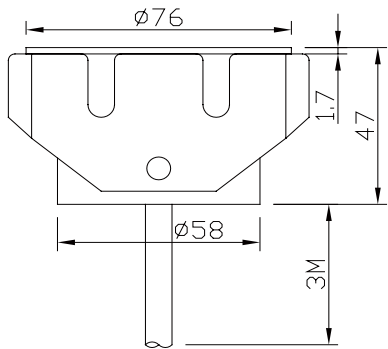
GL129 1W 4000K 20°



GL129 1W 4000K 60°



GL140B



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.5kg
Control	On/off, DMX dimming, color
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS140 PAGE 259
Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;	

Miniature recessed fixture complete with integral COB LED package and 15/24/36/50 degree beam options.Tempered glass, marine grade 316 Stainless Steel option with construction rated to IP68.Product footprint of 76mm diameter ensures versatile application.Inline driver options include switched,1-10V and DALI dimmable solutions.

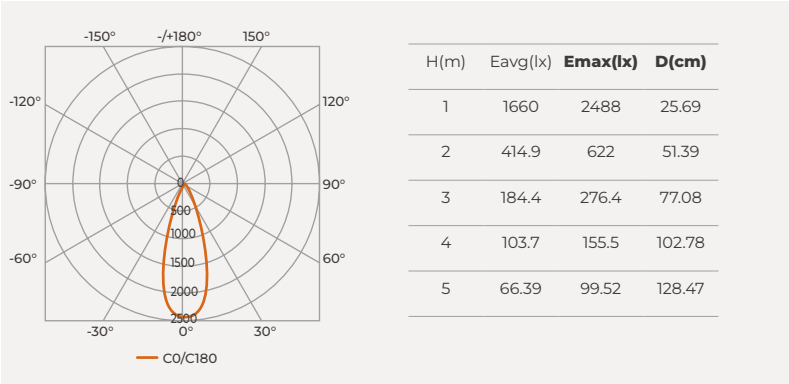


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
5	24VDC	460	C,W,N	80	Constant voltage	Parallel	3M 2x0.75mm ²	15/24/36/60	GL140BD
5	24VDC DMX	460	C,W,N	80	Constant voltage	Parallel	3M 2x0.75mm ²	15/24/36/60	GL140BDMX
5	350mA	460	C,W,N	80	Constant current	Series	3M 2x0.75mm ²	15/24/36/60	GL140B

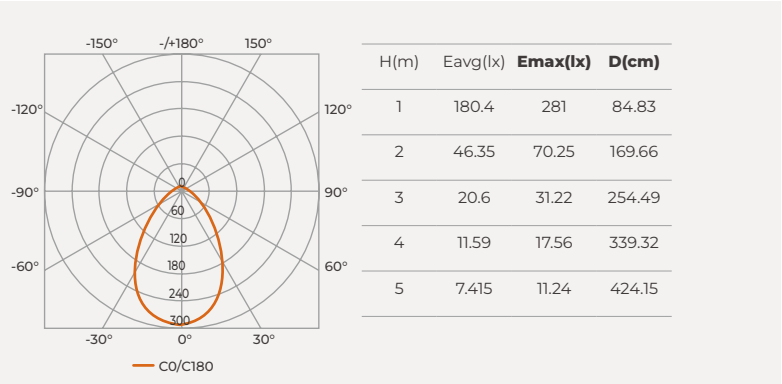
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

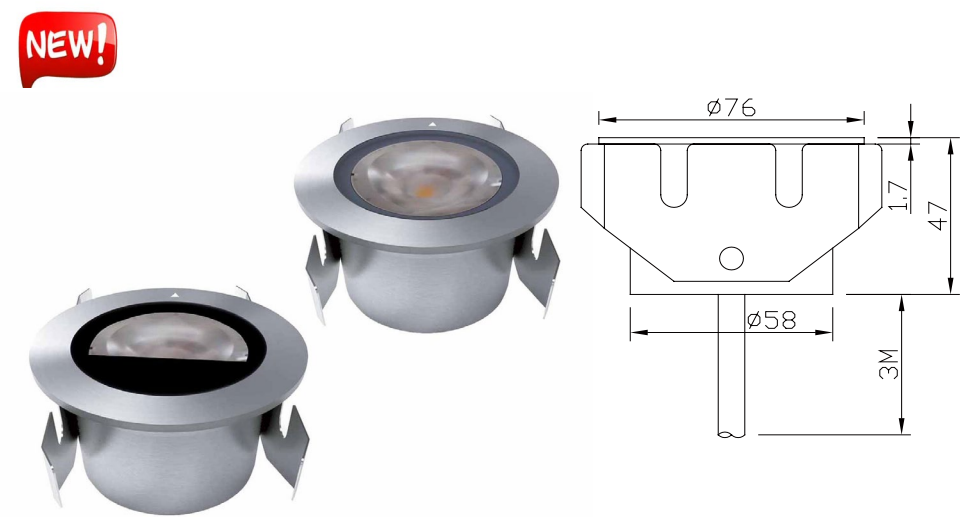
GL140 5W 4000K 24°



GL140 5W 4000K 60°



GL140BP



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.5kg
Control	On/off, DMX dimming,
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS140 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Miniature recessed fixture complete with integral COB LED package and tilt5/20/30 degree beam options.Tempered glass, marine grade 316 Stainless Steel option with construction rated to IP68.Product footprint of 76mm diameter ensures versatile application.Inline driver options include switched,1-10V and DALI dimmable solutions.

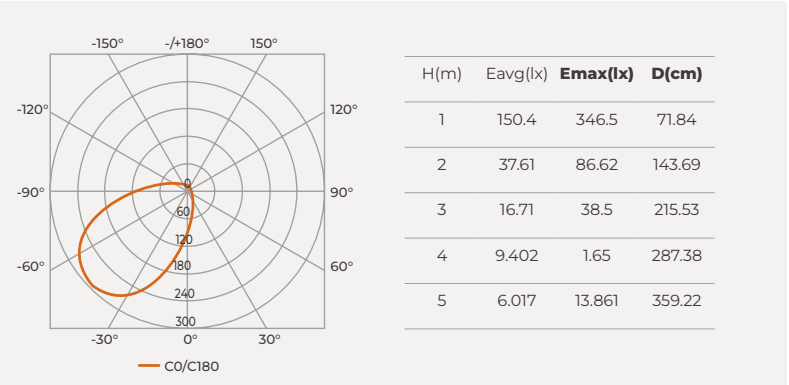


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
5	24VDC	460	C,W,N	80	Constant voltage	Parallel	3M 2x0.75mm²	Tilt5° /20° /30°	GL140BPD
5	24VDC DMX	460	C,W,N	80	Constant voltage	Parallel	3M 2x0.75mm²	Tilt5° /20° /30°	GL140BPDMX
5	350mA	460	C,W,N	80	Constant current	Series	3M 2x0.75mm²	Tilt5° /20° /30°	GL140BP

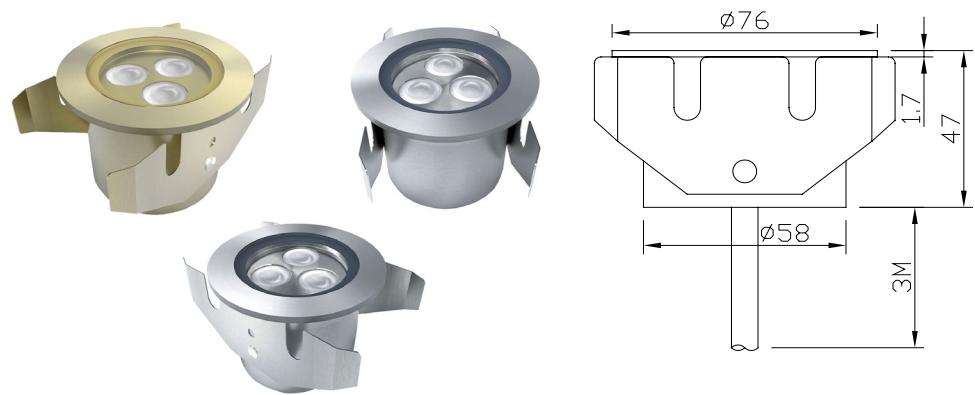
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)◀

GL140BP 5W 4000K 偏光 30° 出光 40x90°



GL140



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.5kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL

Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS140 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Miniature recessed fixture complete with integral CREE LED package and 10/20/30/45/60 degree beam options.Tempered glass, marine grade 316 Stainless Steel option with construction rated to IP68.Product footprint of 76mm diameter ensures versatile application.Inline driver options include switched,1-10V and DALI dimmable solutions.

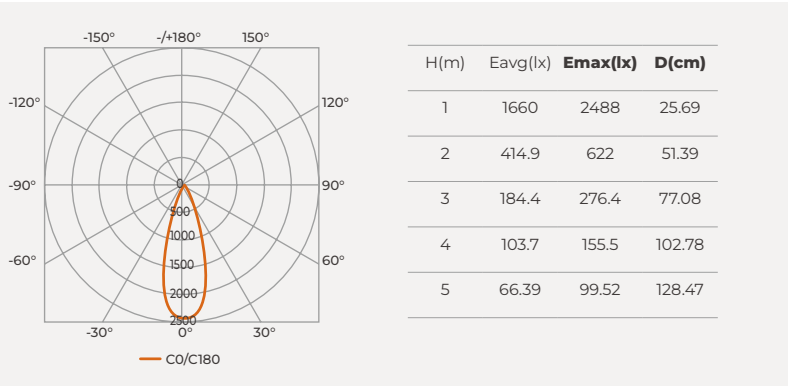


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
3.5	12/24VDC	300	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm ²	10/20/30/45/60	GL140D
3.5	24VDC DMX	-	RGB(FullColor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/30/45/60	GL140DMX-RGB
3.5	24VDC DMX	-	RGBW	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/30/45/60	GL140DMX-RGBW
9	24VDC DMX	-	RGB(FullColor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/30/45/60	GL140DMX-RGB
9	24VDC DMX	-	RGBW	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/30/45/60	GL140DMX-RGBW
3	350mA	300	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm ²	10/20/30/45/60	GL140
3	350mA	-	R+G+B	-	Constant current	Series	2x3M 4x0.5mm ²	10/20/30/45/60	GL140RGB
9	350mA	-	RGB	-	Constant current	Series	2x3M 4x0.5mm ²	45	GL140RGB9W(IP67)

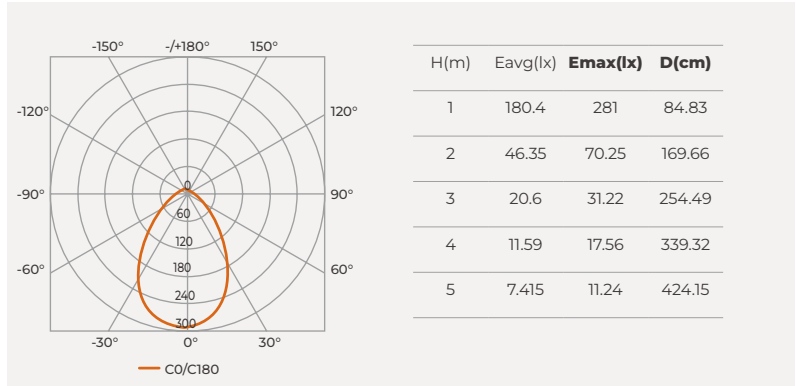
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)

GL140 9W 4000K 20°



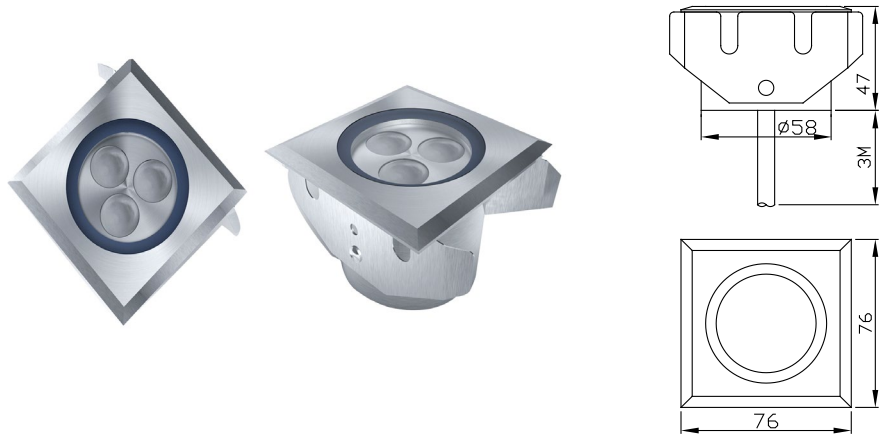
GL140 9W 4000K 60°



Underwater Light

Web Contents

GL140SQ



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.55kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS140 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Square recessed fixture complete with integral CREE LED package and 20/60 degree beam options.Tempered glass, marine grade 316 Stainless Steel option with construction rated to IP68.Product footprint of 76mmdiameter ensures versatile application.Inline driver options include switched,1-10V and DALI dimmable solutions.



GL140SQ

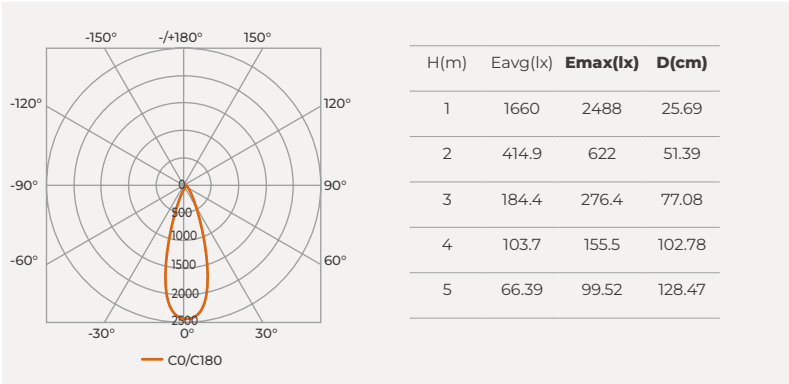
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
3.5	24VDC	300	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm ²	20/60	GL140SQD
3.5	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	20/60	GL140SQDMX-RGB
9	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	20/60	GL140SQDMX-RGB
3	350mA	300	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm ²	20/60	GL140SQ
3	350mA	-	R+G+B	-	Constant current	Series	2x3M 4x0.5mm ²	20/60	GL140SQRGB

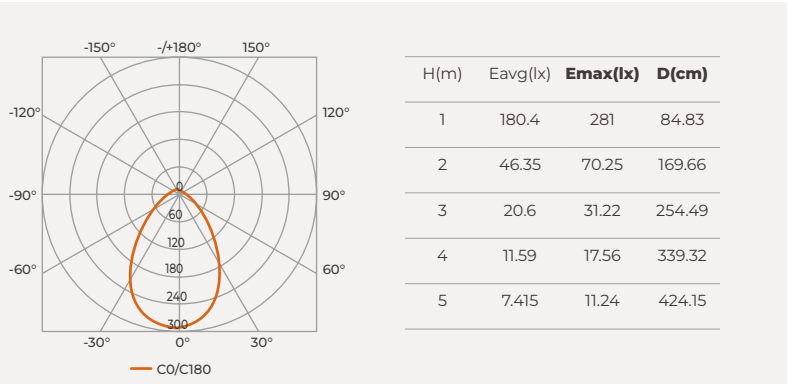
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)

GL140SQ 3W 4000K 20°



GL140SQ 3W 4000K 60°



GL150



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.6kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS140 PAGE 259
Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;	

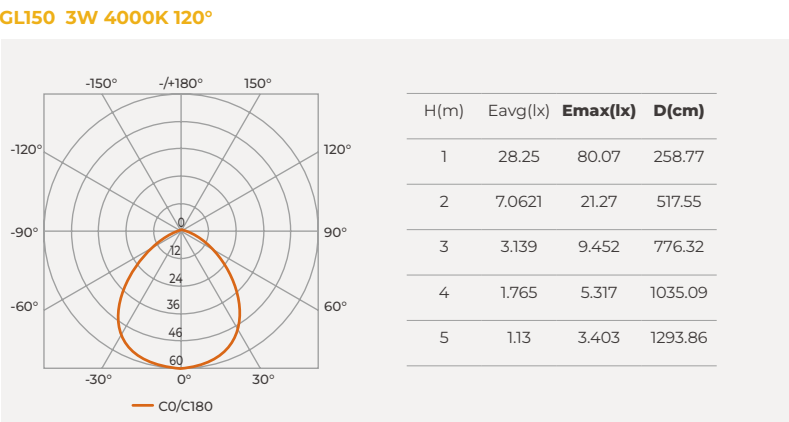
Miniature recessed fixture complete with integral CREE LED package and 120 degree beam option.Tempered glass, marine grade 316 Stainless Steel construction rated to IP68.Product footprint of 76mm diameter ensures versatile application.Inline driver options include switched,1-10V and DALI dimmable solutions.



Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
3.5	24VDC	300	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm²	120	GL150D
3.5	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x0.5mm²	120	GL150DMX-RGB
3.5	24VDC DMX	-	RGBW	-	Constant voltage	Parallel	1.1M 4x0.5mm²	120	GL150DMX-RGBW
9	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x0.5mm²	120	GL150DMX-RGB
9	24VDC DMX	-	RGBW	-	Constant voltage	Parallel	1.1M 4x0.5mm²	120	GL150DMX-RGBW
3	350mA	300	C,W,N,R,G,B,A	-	Constant current	Series	3M 2x0.75mm²	120	GL150
3	350mA	300	C,W,N,R,G,B,A	-	Constant current	Series	3M 2x0.75mm²	120	GL150SQ
7	350mA	-	RGB	-	Constant current	Series	2x3M 4x0.5mm²	120	GL150RGB

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

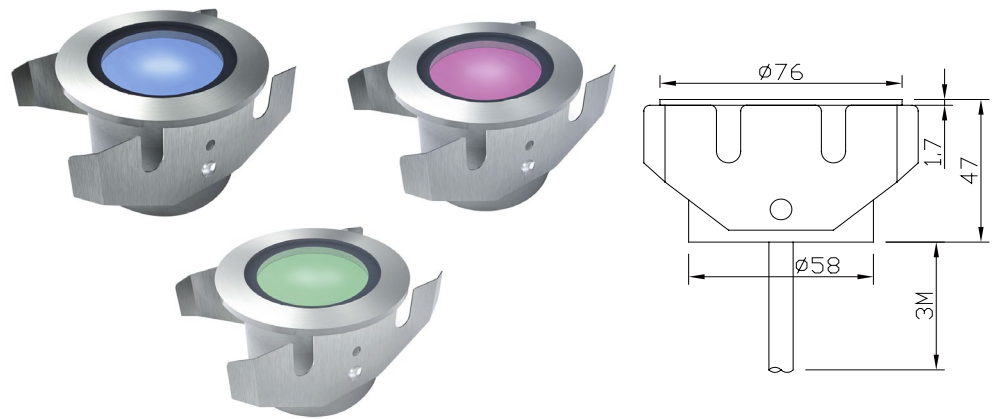
Product lists



Underwater Light

Web Contents

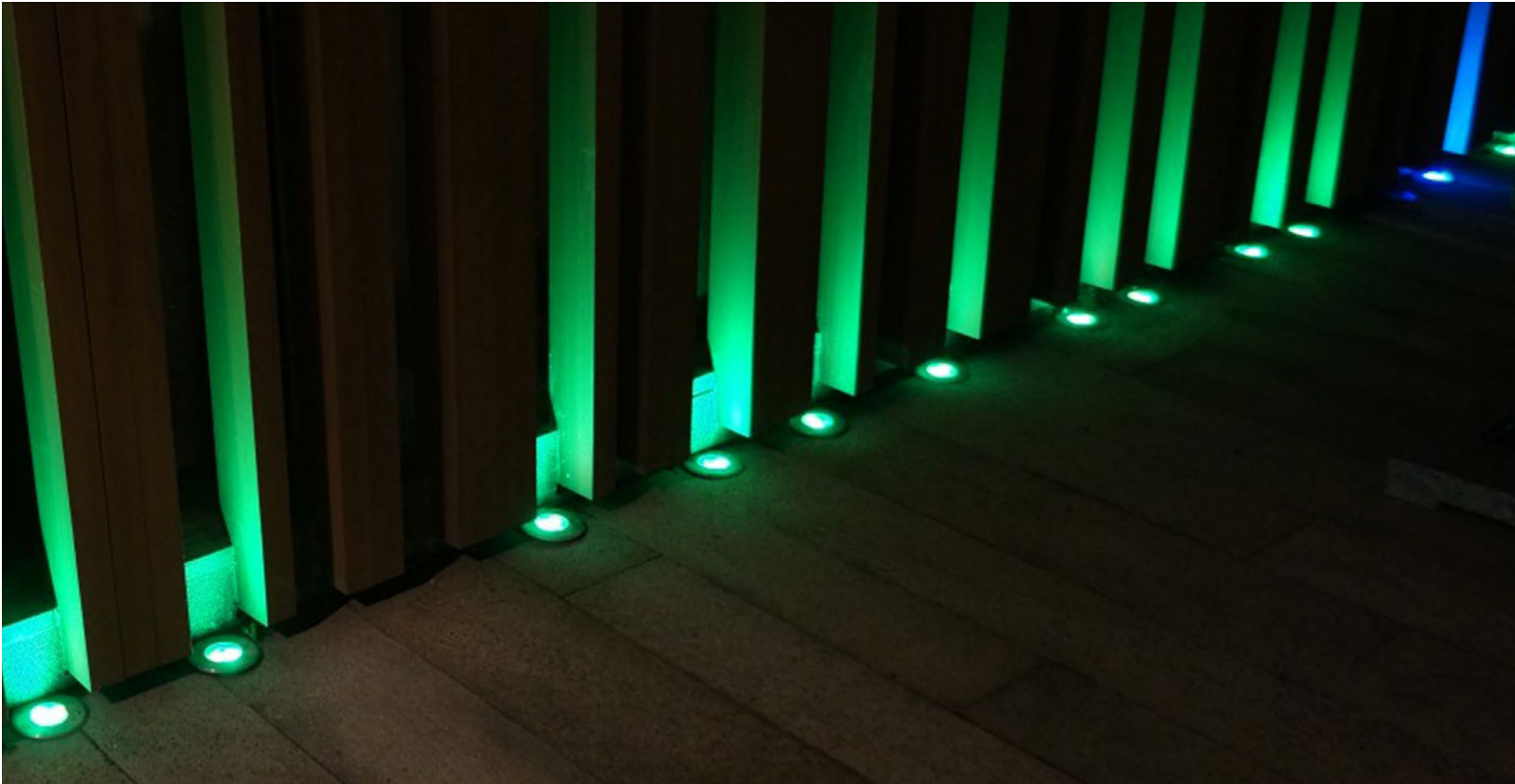
GL550RGB



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.68kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS140 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Miniature recessed fixture complete with integral Edison LED package and 120 degree beam option.Marine Grade 316 Stainless Steel construction rated to IP68.Tempered glass.Product footprint of 76mmt diameter ensures versatile application.



Contents Web

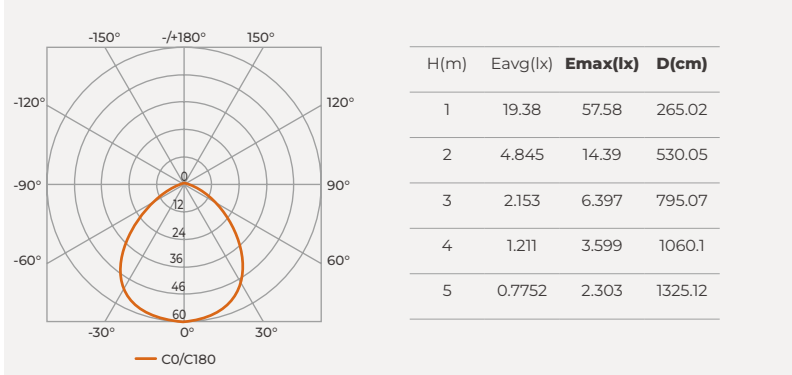
GL550RGB

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
3	24VDC	-	RGB	-	Constant voltage	Parallel	3M 4x0.5mm ²	120	GL550RGB
3	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	120	GL550DMX-RGB
9	24VDC	-	RGB	-	Constant voltage	Parallel	3M 4x0.5mm ²	120	GL550RGB
9	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	120	GL550DMX-RGB

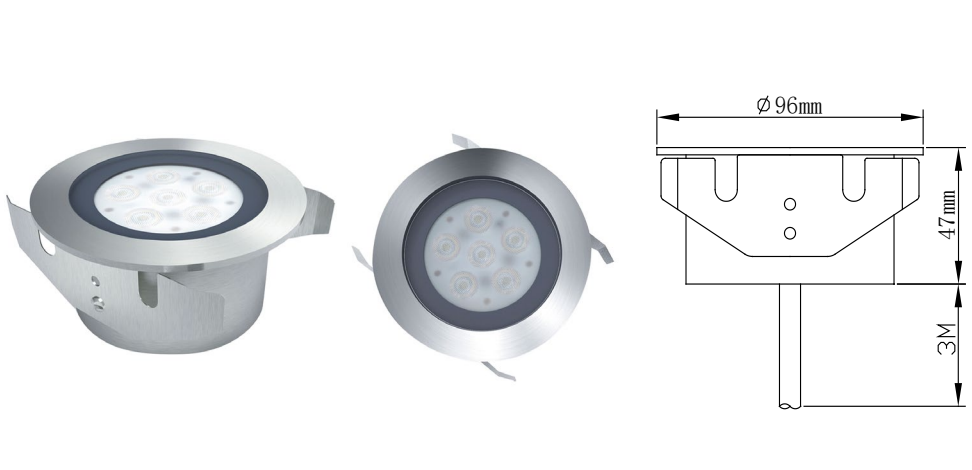
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

Product lists

GL550RGB 3W 4000K 120°



GL166

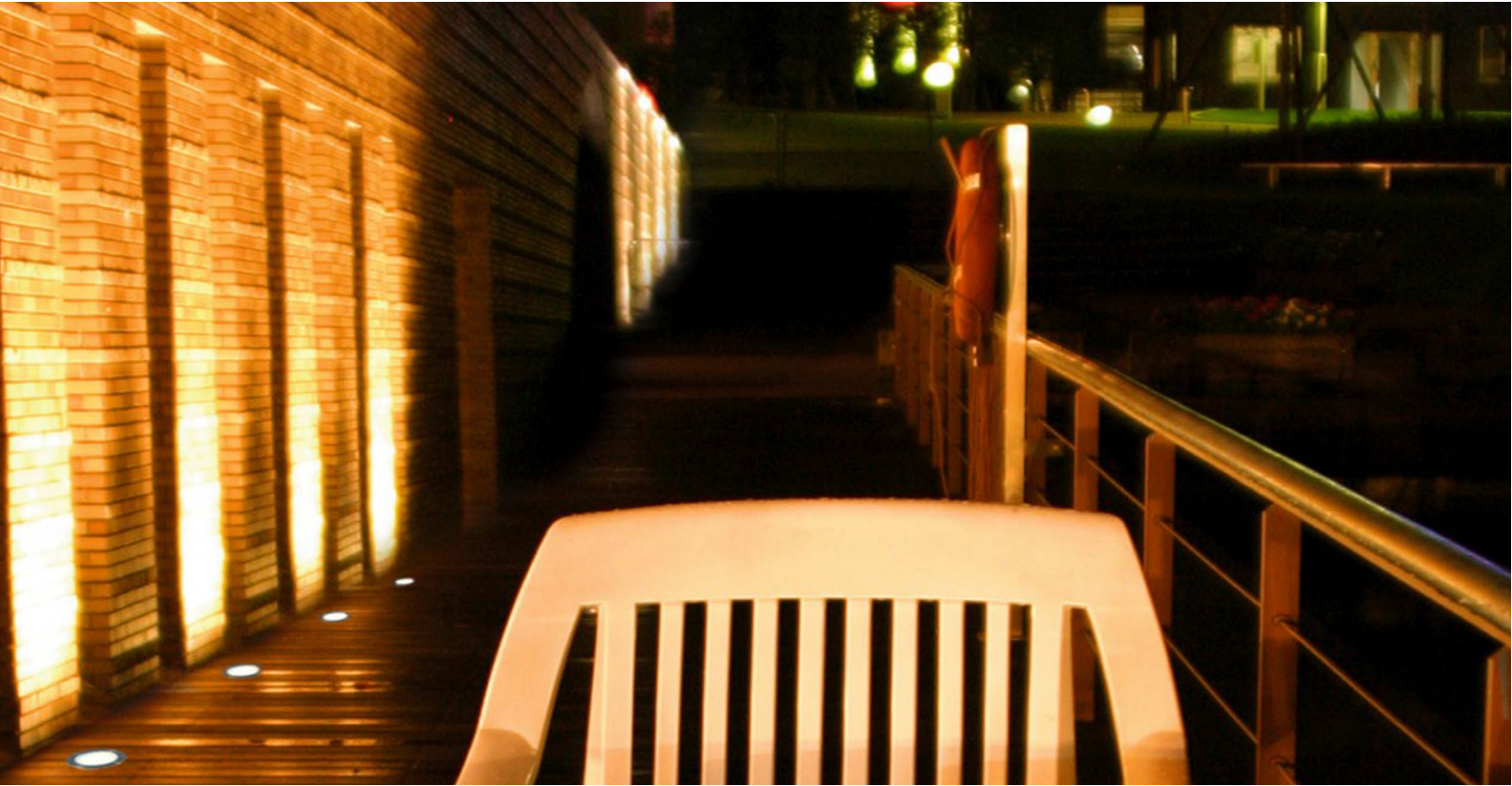


Technical drawing of the GL166 underwater light showing dimensions: diameter 96mm, height 47mm, and mounting hole diameter 3mm.

Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.94kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS166 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Midsize surface fixture complete with integral CREE LED(6pcs) package and 10/40 degree beam options. Tempered glass, marine Grade 316 Stainless Steel construction rated to IP68. Hidden & embedded design installation. No mechanical joints to light source ensures robust protection against water ingress. Product runs cool meeting all touch temperature requirements. Inline 350mA driver options include switched, mains, 1-10V and DALI dimmable solutions.

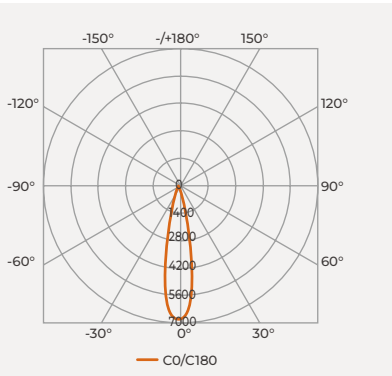


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
6.5	12/24VDC	600	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 4x0.5mm ²	10/40	GL166D
6.5	24VDC DMX	-	2R+2G+2B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	GL166DMX-RGB
6.5	24VDC DMX	-	RGB(FullColor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	GL166DMX-RGB
6.5	24VDC DMX	-	RGBW(FullColor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	GL166DMX-RGBW
12	24VDC DMX	-	2R+2G+2B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	GL166DMX-RGB
12	24VDC DMX	-	RGB(FullColor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	GL166DMX-RGB
12	24VDC DMX	-	RGBW(FullColor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	GL166DMX-RGBW
6	350mA	600	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm ²	10/40	GL166
6	350mA	-	R+G+B	-	Constant current	Series	2x3M 4x0.5mm ²	10/40	GL166RGB

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately. [page256/257](#)

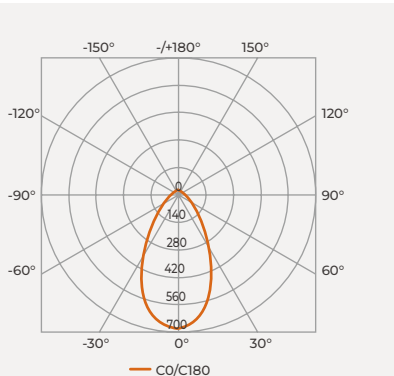
Product lists◀

GL166 6W 4000K 10°



H(m)	Eavg(lx)	E _{max} (lx)	D(cm)
1	5001	6830	20.72
2	1250	1708	41.44
3	555.7	758.9	62.17
4	312.6	426.9	82.89
5	200	273.2	103.61

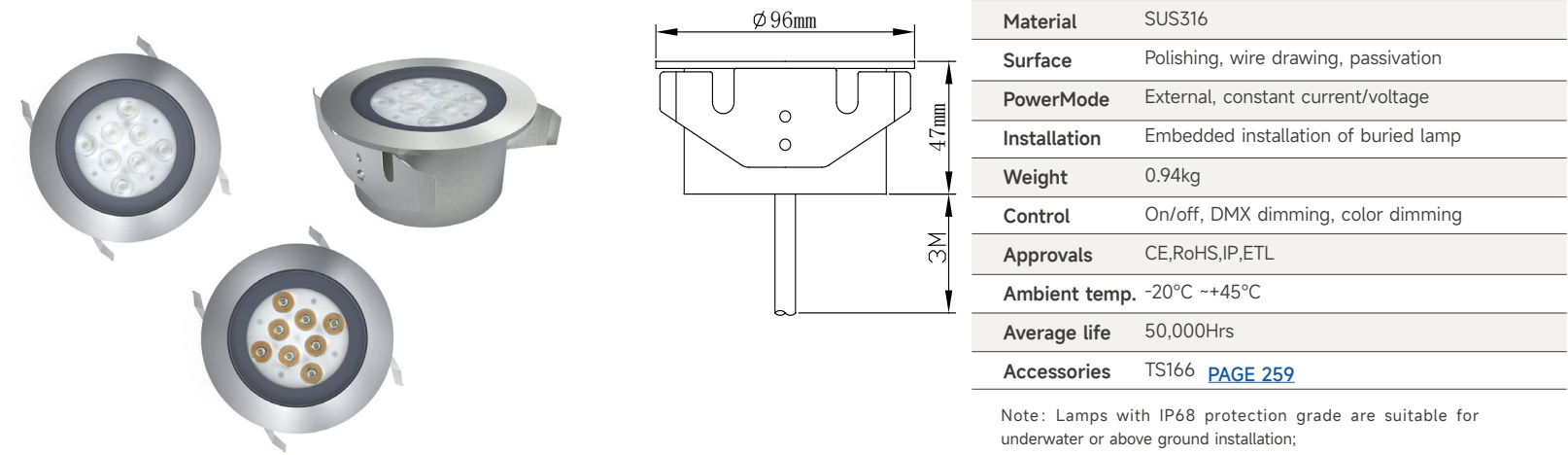
GL166 6W 4000K 40°



H(m)	Eavg(lx)	E _{max} (lx)	D(cm)
1	440.3	674.7	68.82
2	110.1	168.7	137.64
3	48.92	74.97	206.46
4	27.52	42.17	275.28
5	17.61	26.99	344.1



GL168



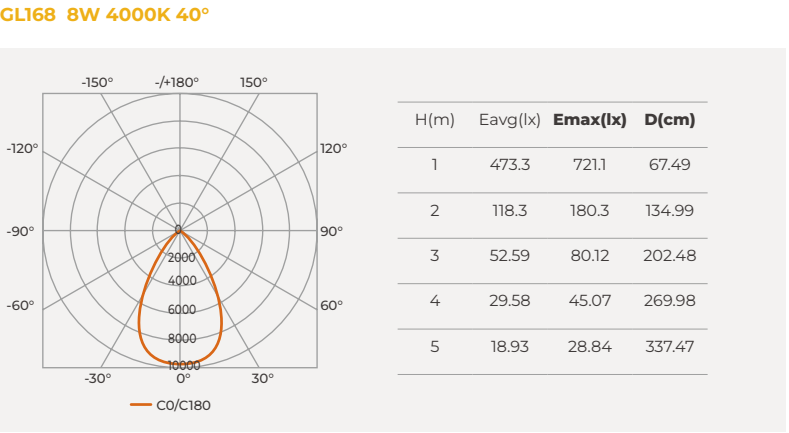
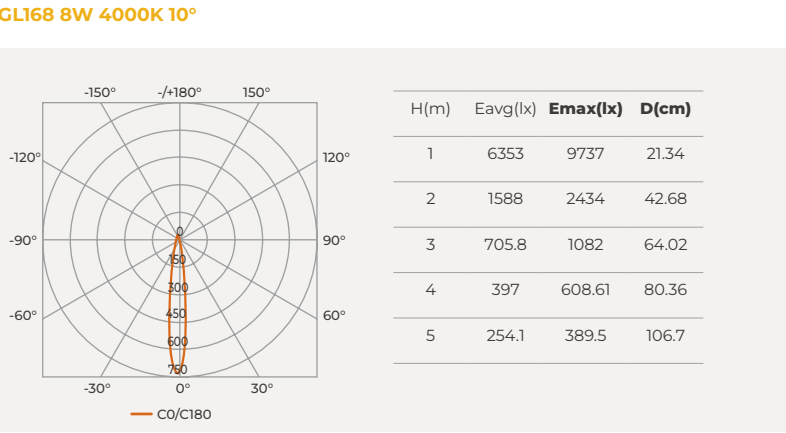
Midsize surface fixture complete with integral CREE XPE LED(8pcsLED) package and 10/40 degree beam options. Tempered glass,marine grade 316 Stainless Steel construction rated to IP68. Hidden&embedded design installation. No mechanical joints to light source ensures robust protection against water ingress. Product runs cool meeting all touch temperature requirements. Inline 350mA driver options include switched, mains, 1-10V and DALI dimmable solutions.



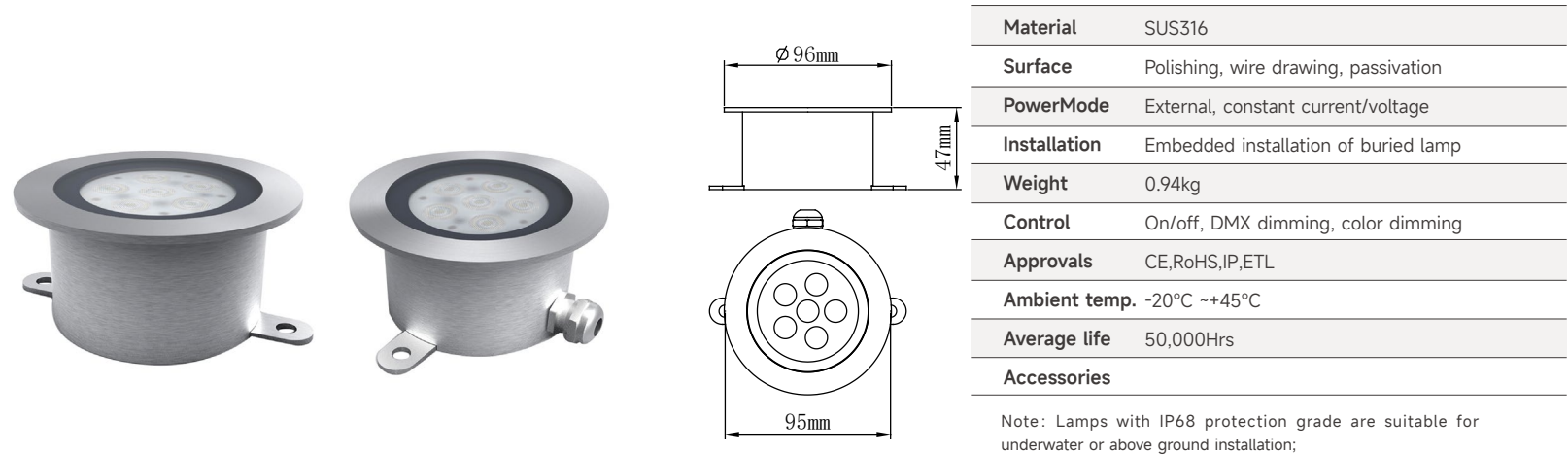
Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
9	24VDC	800	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm ²	10/40	GL168D
9	24VDC DMX	-	3R+3G+2B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	GL168DMX-RGB
12	24VDC DMX	-	3R+3G+2B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	GL168DMX-RGB
8	350mA	800	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm ²	10/40	GL168
8	350mA	-	3R+3G+2B	-	Constant current	Series	2x3M 4x0.5mm ²	10/40	GL168RGB

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀



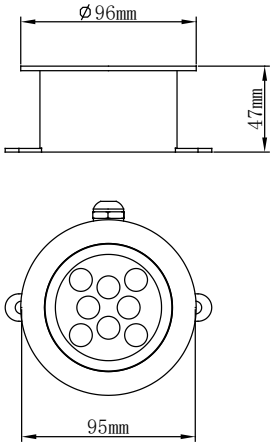
GL266



Underwater Light

Web Contents

GL268



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.94kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Midsize surface fixture complete with integral CREE LED(8pcs) package and 10/40 degree beam options. Tempered glass marine grade 316 Stainless Steel construction rated to IP68. No mechanical joints to light source ensures robust protection against water ingress. Product runs cool meeting all touch temperature requirements. Inline 350mA driver options include switched, mains 1-10V and DALI dimmable solutions.



Contents Web

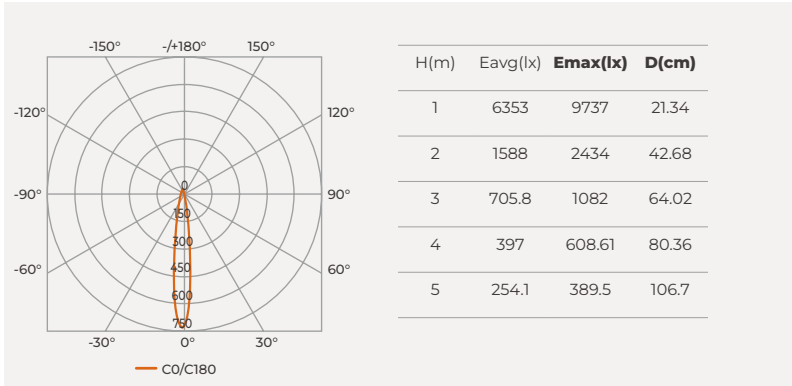
GL268

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
9	24VDC	800	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm ²	10/40	GL268D
8	350mA	800	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm ²	10/40	GL268
8	350mA	-	RGB(3R+3G+2B)	-	Constant current	Series	2x3M 4x0.5mm ²	10/40	GL268RGB

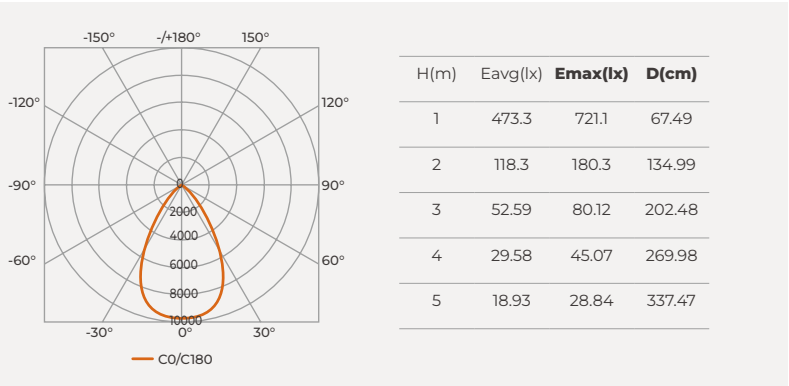
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

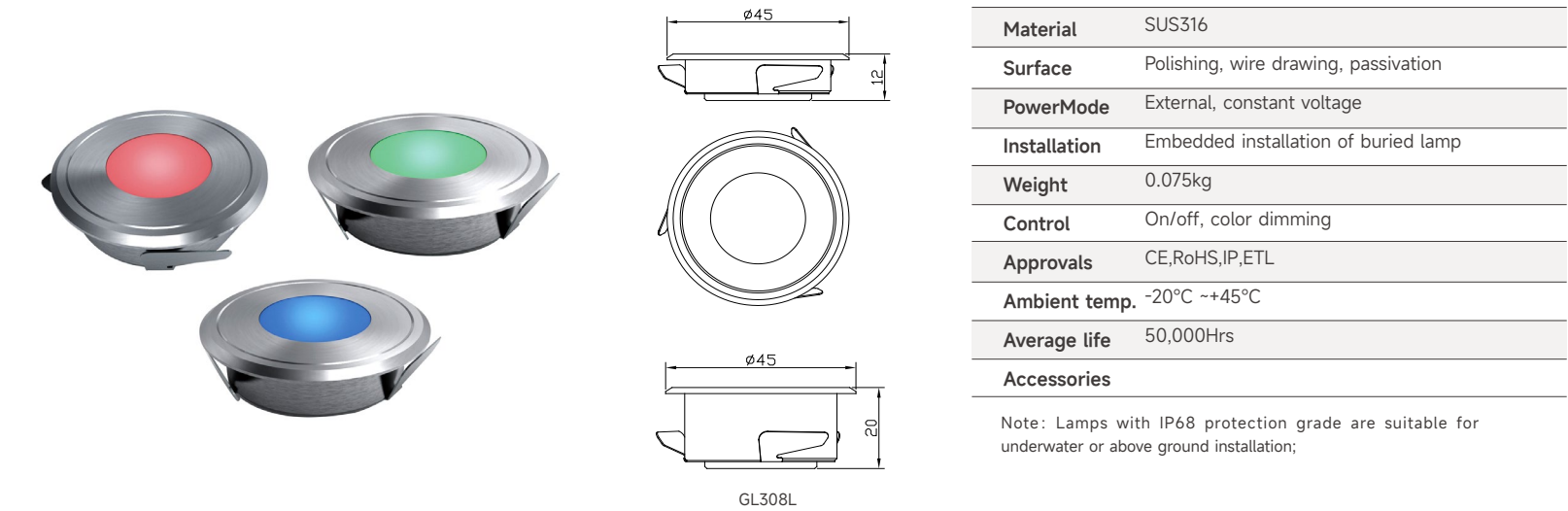
GL268 8W 4000K 10°



GL268 8W 4000K 40°



GL308



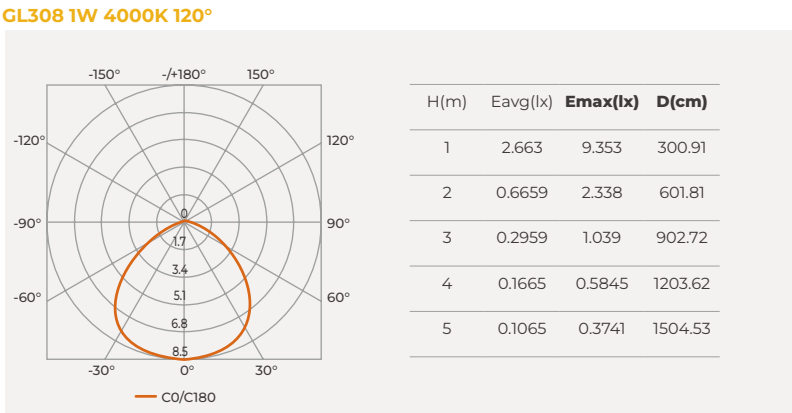
Marine Grade 316 Stainless Steel option with construction rated to IP68.Tempered glass with 120 degree beam option .It is designed to add style to floors,bars,walls and ceilings.The clever and stylish design of the light output means no glare even when looking directly at it,making this product perfect for stair facings.Installation will be quick and easy.



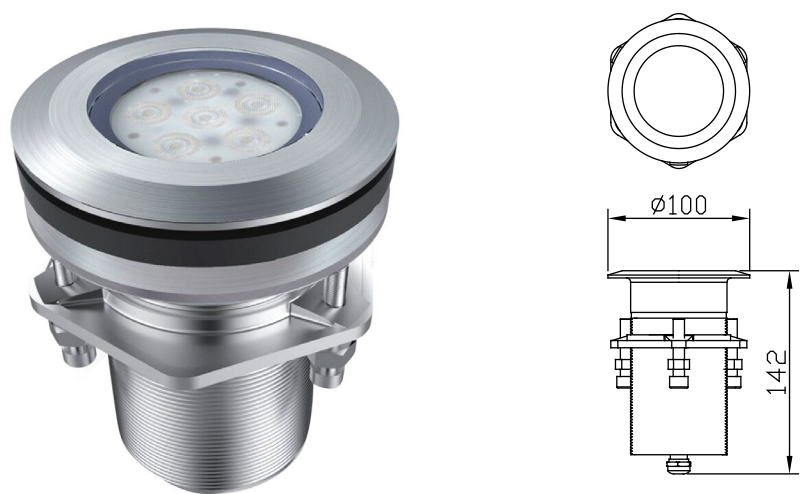
Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1	12/24VDC	20	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	120	GL308
1	24VDC	-	RGB	-	Constant voltage	Parallel	1.1M 4x24AWG	120	GL308RGB
1	24VDC	-	C,W,N,R,G,B,A,RGB	-	Constant voltage	Parallel	1.1M 4x24AWG	120	GL308L-DMX

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀



BL100



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant voltage
Installation	Embedded installation of buried lamp
Weight	1.65kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

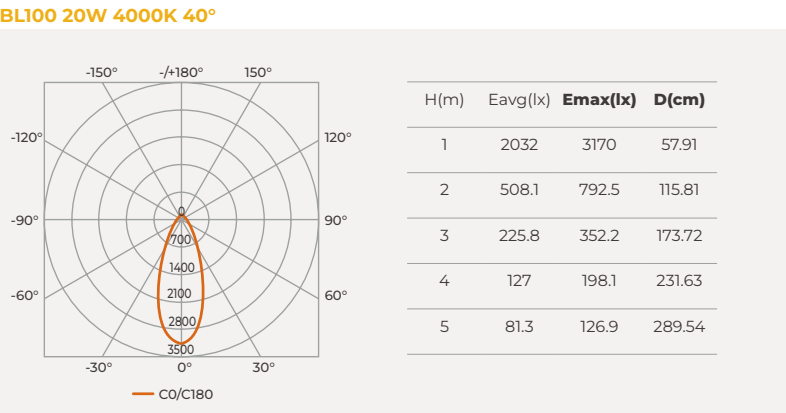
Marine grade 316 stainless steel surface mounted fixture complete with high power CREE LED package.Tempered glass, fixture rated to IP68 allowing to use on yachts, ships.With high strength, extra-thick tempered glass,the product has an IK10 (protection against shock up to 20 joules). Able to withstand harsh environments.Maximum hull thickness:<100mm (~ 3.9").



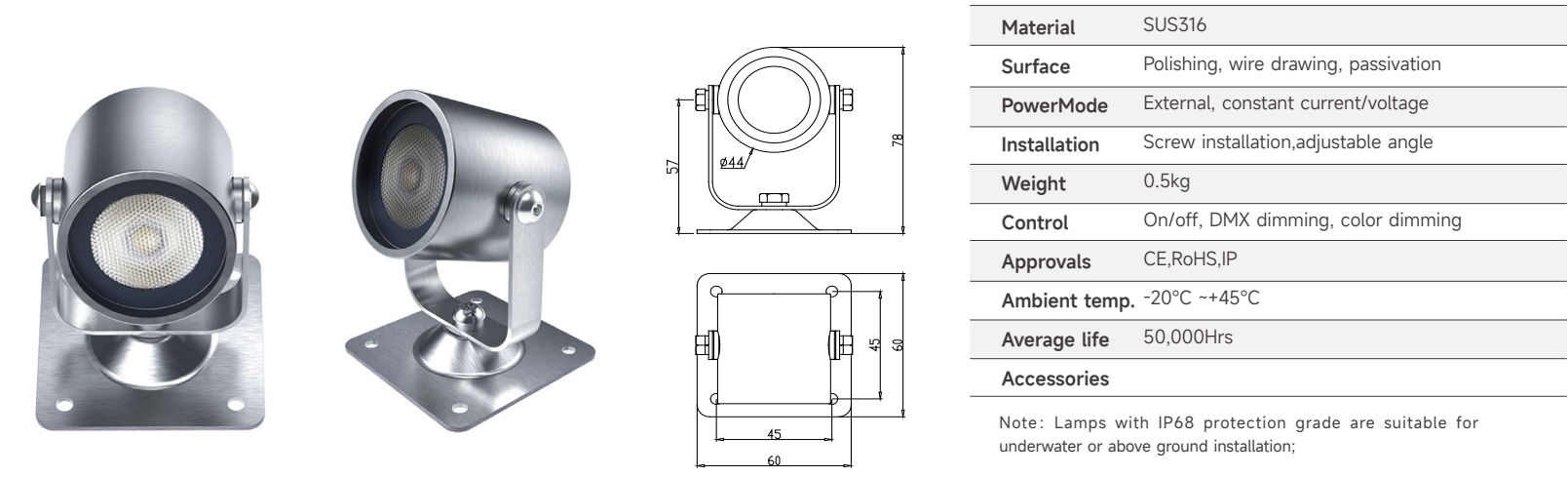
Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
20	12VDC	1500	C	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	40	BL100D
15	12VDC	500	B	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	40	BL100D

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

Product lists◀



PL021



Marine grade 316 stainless steel miniature surface mounted fixture complete with integral CREE LED package.Tempered glass,fixture Rated to IP68 allowing submersion in water thus negating common Issues arising from lack of soil drainage.12/45 degree beam Options.NO mechanical joints to light source ensures robust Protection against water ingress .product runs cool meeting all Touch temperature requirements.Ideal as a surface mounted miniature marker light.

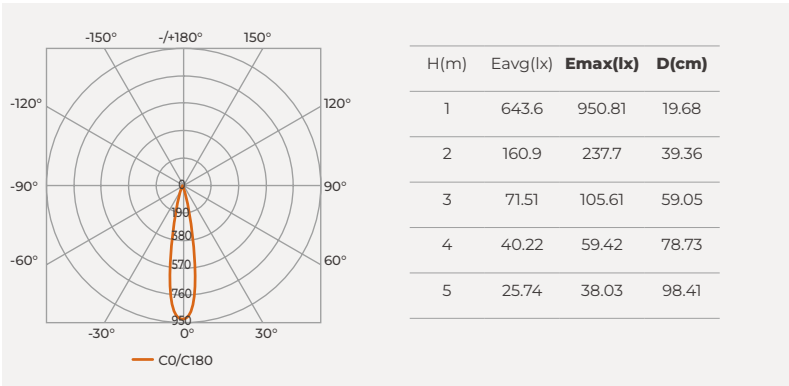


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm²	12/45	PL021D
3.5	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x0.5mm²	12/45	PL021DMX-RGB
3.5	24VDC	-	RGB	-	Constant voltage	Parallel	3M 4x0.5mm²	45	PL021D-RGB
1.3	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm²	12/45	PL021
3	350mA	-	RGB	-	Constant current	Series	2x3M 4x0.5mm²	12/45	PL021RGB

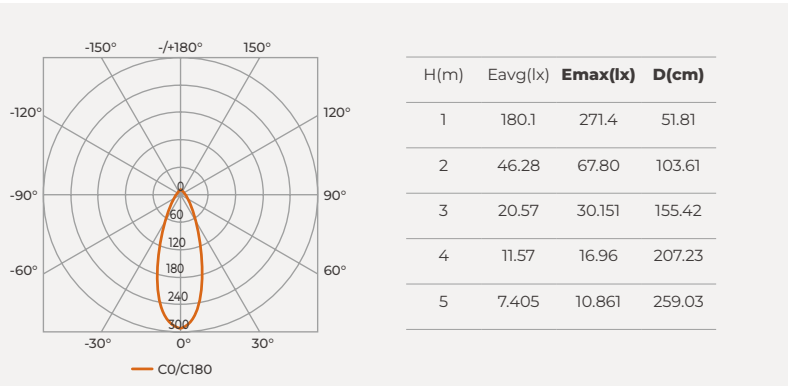
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀

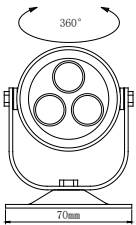
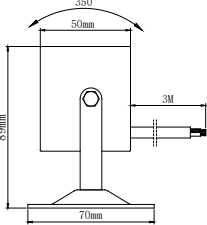
PL0021 1W 4000K 12°



PL021 1W 4000K 45°



PL023



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Screw installation,adjustable angle
Weight	0.75kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

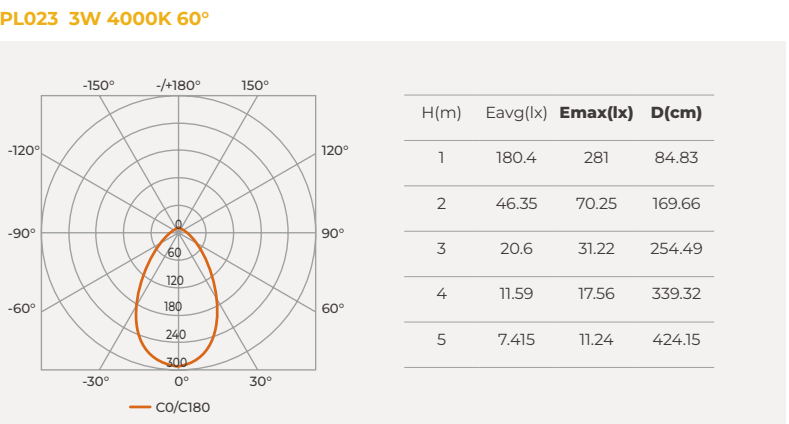
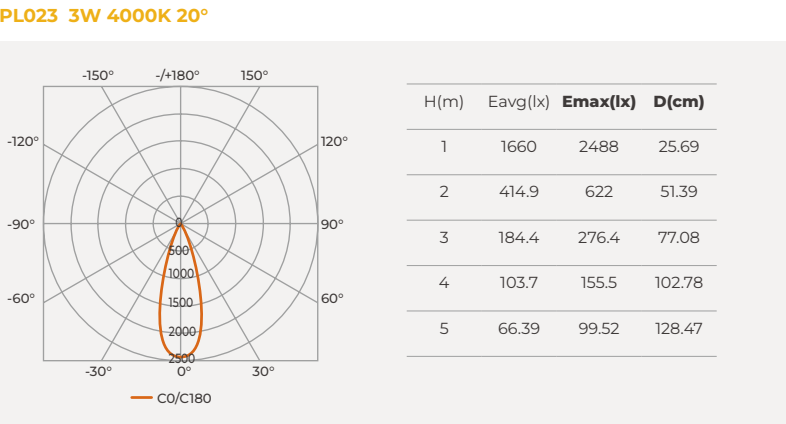
Marine Grade 316 stainless steel miniature surface mounted fixture Complete with integral CREE LED package glass , fixture Rated to IP68 allowing submersion in water thus negating common Issues arising from lack of soil drainage.20/45/60 degree beam Options.NO mechanical joints to light source ensures robust Protection against water ingress.product runs cool meeting all touch Temperature requirements.Ideal as a surface mounted miniature Marker light.



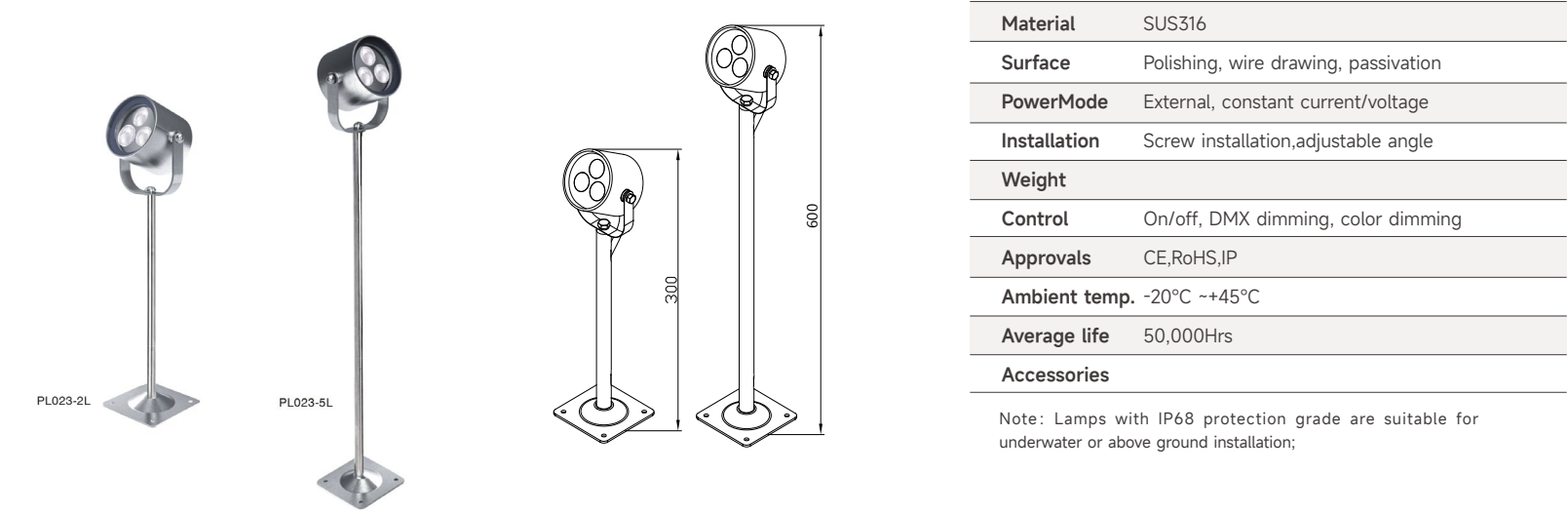
Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
3.5	24VDC	300	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm ²	20/60	PL023D
3.5	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	45	PL023DMX-RGB
3.5	24VDC	-	RGB	-	Constant voltage	Parallel	3M 4x0.5mm ²	45	PL023D-RGB
9	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	45	PL023DMX-RGB-9W
3	350mA	300	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm ²	20/60	PL023
9	350mA	-	RGB	-	Constant current	Series	2x3M 4x0.5mm ²	45	PL023RGB

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists



PL023-2L



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Screw installation,adjustable angle
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	
Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;	

Marine grade 316 stainless surface mounted fixture complete With integral CREE LED package.Tempered glass,fixture rated to IP68 allowing submersion.20/60 degree beam options,product Functions with 350 mA constant current driver.NO mechanical joints to light source ensures robust protection against water ingress.Product runs cool meeting all touch temperature requirements.Elevated light source(500mm)allows for a down light effect to be Created to paths and boundaries.

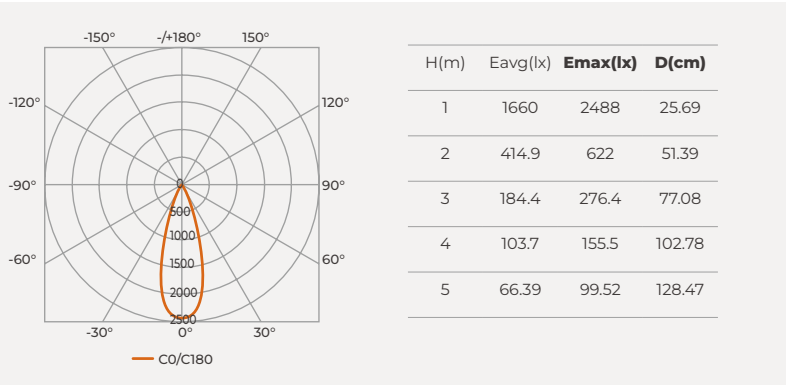


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
3.5	12/24VDC	300	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm ²	20/60	PL023D-2L
3.5	12/24VDC	300	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm ²	20/60	PL023D-5L
3.5	24VDC	-	RGB	-	Constant voltage	Parallel	3M 4x0.5mm ²	45	PL023D-5L-RGB
3.5	24VDC	-	RGB	-	Constant voltage	Parallel	3M 4x0.5mm ²	45	PL023D-2L-RGB
9	24VDC	-	RGB	-	Constant voltage	Parallel	3M 4x0.5mm ²	45	PL023D-5L-RGB
9	24VDC	-	RGB	-	Constant voltage	Parallel	3M 4x0.5mm ²	45	PL023D-2L-RGB
3	350mA	300	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm ²	20/60	PL023-2L
3	350mA	300	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm ²	20/60	PL023-5L

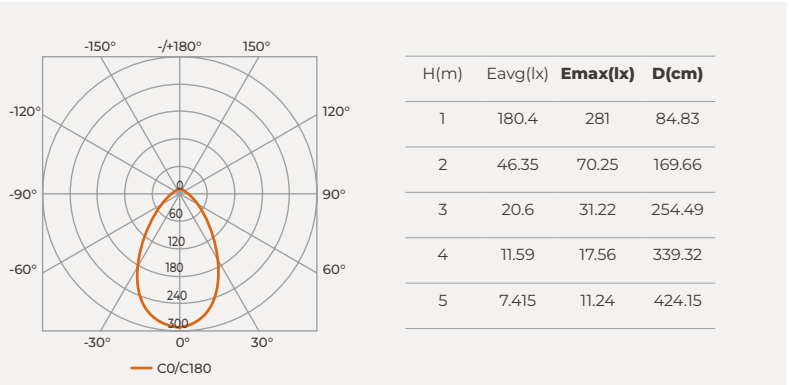
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately . [page256/257](#)

Product lists

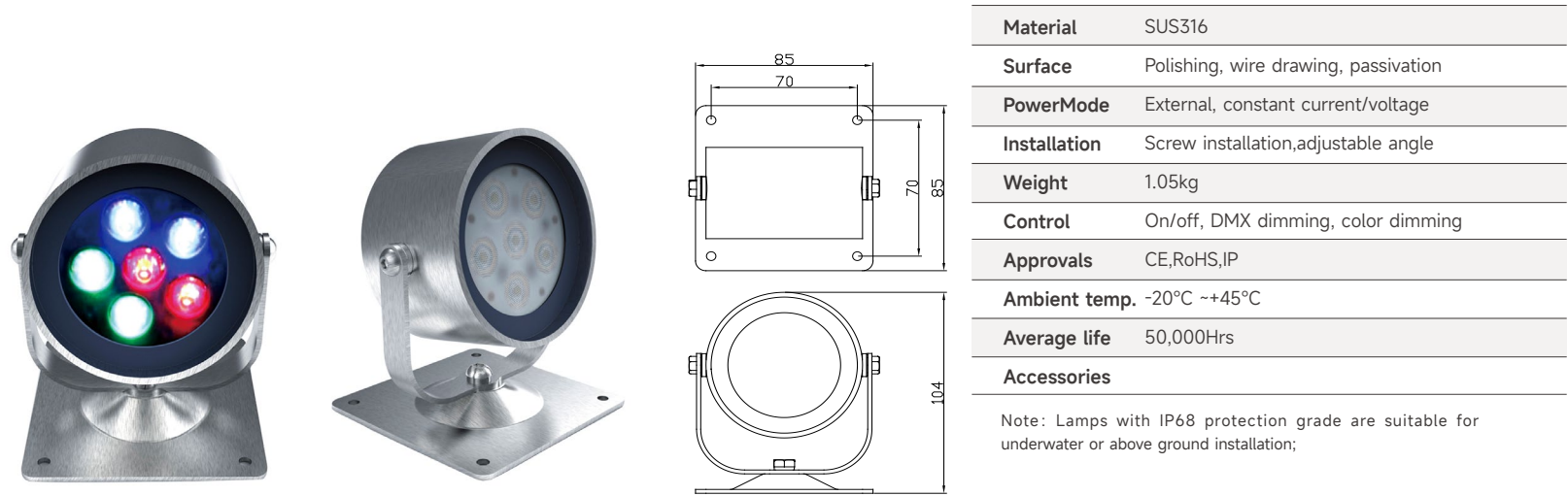
PL023-2L 3W 4000K 20°



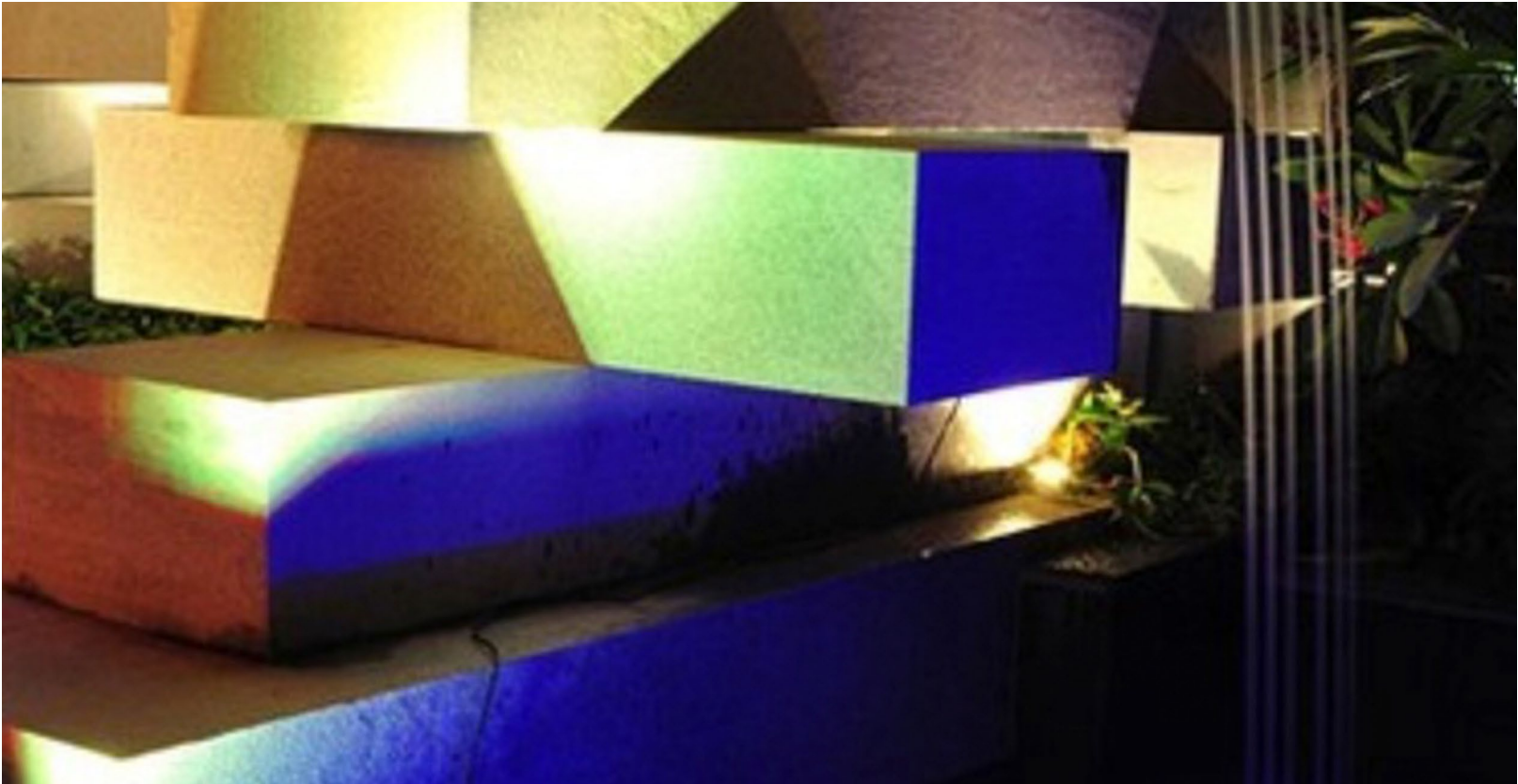
PL023-2L 3W 4000K 60°



PL026



Marine Grade 316 stainless steel miniature surface mounted fixture complete with integral CREE LED package. Tempered glass,fixture Rated to IP 68 allowing submersion in water thus negating commonIssues arising from lack of soil drainage.10/40 degree beam Options .NO mechanical joints to light source ensures robust Protection against water ingress .product runs cool meeting all Touch temperature requirements. Ideal as a surface mounted miniature marker light.

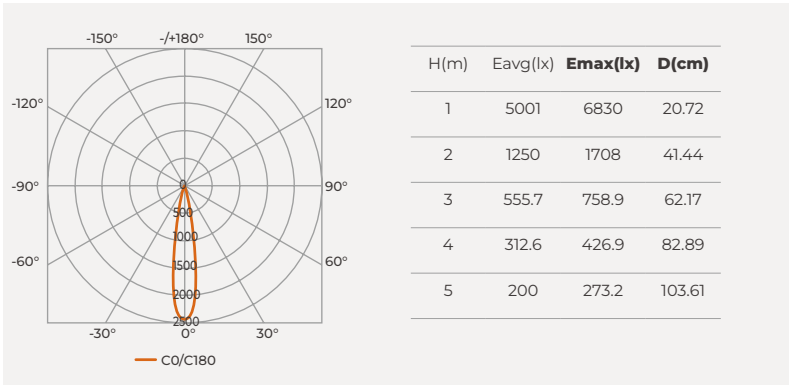


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
6.5	24VDC	500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm ²	10/40	PL026D
6.5	24VDC DMX	-	2R+2G+2B	80	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	PL026DMX-RGB
6.5	24VDC DMX	-	RGB(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	PL026DMX-RGB
6.5	24VDC DMX	-	RGBW(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	PL026DMX-RGBW
6.5	24VDC	-	RGB(Fullcolor)	-	Constant voltage	Parallel	3M 4x0.5mm ²	10/40	PL026D-RGB
10	24VDC DMX	-	2R+2G+2B	80	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	PL026DMX-RGB
10	24VDC DMX	-	RGB(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	PL026DMX-RGB
10	24VDC DMX	-	RGBW(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	PL026DMX-RGBW
10	24VDC	-	RGB(Fullcolor)	-	Constant voltage	Parallel	3M 4x0.5mm ²	10/40	PL026D-RGB
6	350mA	500	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm ²	10/40	PL026
6	350mA	-	2R+2G+2B	-	Constant current	Series	2x3M 4x0.5mm ²	10/40	PL026RGB

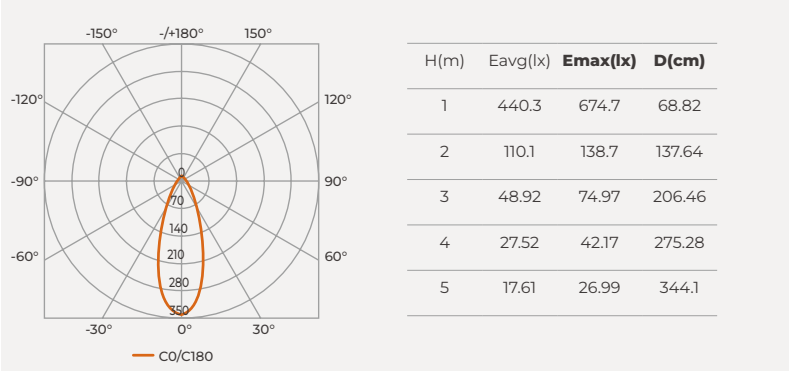
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀

PL026 6W 4000K 10°



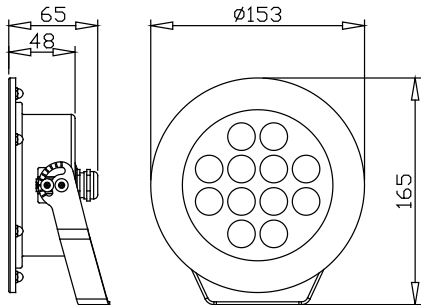
PL026 6W 4000K 40°



Underwater Light

WebContents

EU3042



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Screw installation,adjustable angle
Weight	1kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Bar stock stainless steel surface mounted projector complete with integral CREE LED package. Fixture rated to IP68. No mechanical joints to light source ensures robust protection against water ingress. Suitable for the illumination of small/medium trees, building exteriors, columns if the voltage less than 18W. Above 18W, the luminaires may only be operated under water, recessed luminaires for private and public swimming pools. Underwater luminaires in various sizes and light outputs for installation in concrete, foil, metal or synthetic pools. To avoid harmful deposits and dirt on the luminaires, the water must have a neutral pH value and must be free of components that attack metal.



EU3042

ContentsWeb

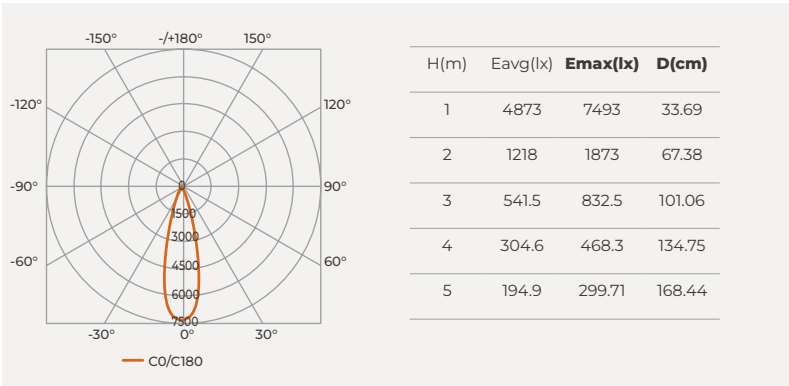
Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
13	24VDC	1000	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm²	20/60(10/30/45)	EU3042D
13	24VDC	500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	3M 2x0.75mm²	120	EU3042DM
13	24VDC DMX	1000	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 4x0.5mm²	20/60(10/30/45)	EU3042DMX
24	24VDC DMX	2000	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 4x0.5mm²	20/60(10/30/45)	*EU3042DMX-24W
36	24VDC DMX	2800	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 4x0.5mm²	20/60(10/30/45)	*EU3042DMX-36W
13	24VDC DMX	-	RGB,RGBW	-	Constant voltage	Parallel	1.1M 4x0.5mm²	20/60(10/30/45)	EU3042DMX-RGB
24	24VDC DMX	-	RGB,RGBW	-	Constant voltage	Parallel	1.1M 4x0.5mm²	20/60(10/30/45)	EU3042DMX-RGB
36	24VDC DMX	-	RGBW	-	Constant voltage	Parallel	1.1M 4x0.5mm²	20/60(10/30/45)	EU3042DMX-36W-RGBW
13	350mA	1000	C,W,N,R,G,B,A	80	Constant current	Series	3M 2x0.75mm²	20/60(10/30/45)	EU3042

*Underwater use only

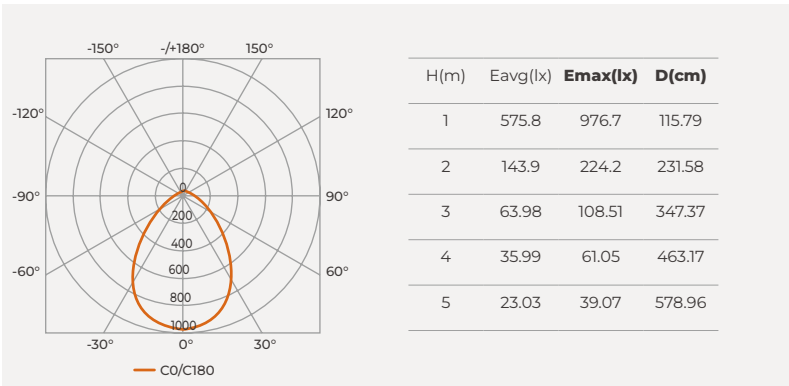
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

Product lists

EU3042 12W 4000K 20°



EU3042 12W 4000K 60°

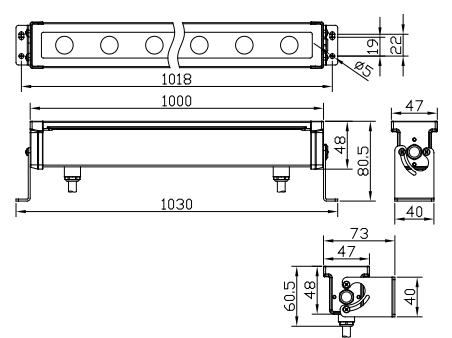


1.Underwater
2.Fountain
3.Ground
4.Spot
5.Line
6.Wall
7.Spike
8.Customized
9.Other
System
Accessories

EU1971

NEW!





Material	SUS304/SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Screw installation,adjustable angle
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;



Contents

Web

EU1971

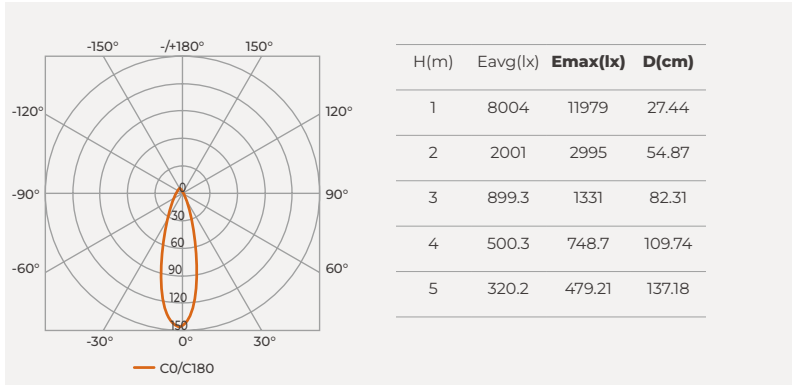
Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
12	24VDC	950	C,W,N,R,G,B,A, RGB,RGBW	80	Constant voltage	Parallel	0.3M 2x0.75mm ² Plug	20/30/45/ 60/ 10X45 /10X60	EU1971D-0.5M-12L
12	24VDC DMX	950	C,W,N,R,G,B,A, RGB,RGBW	80	Constant voltage	Parallel	0.3M 2x1.0+3x0.2mm ² Plug	20/30/45/ 60/ 10X45 /10X60	EU1971DMX-0.5M-12L
12	24VDC	950	C,W,N,R,G,B,A, RGB,RGBW	80	Constant voltage	Parallel	0.3M 2x0.75mm ² Plug	20/30/45/ 60/ 10X45 /10X60	EU1971D-1M-12L
12	24VDC DMX	950	C,W,N,R,G,B,A, RGB,RGBW	80	Constant voltage	Parallel	0.3M 2x1.0+3x0.2mm ² Plug	20/30/45/ 60/ 10X45 /10X60	EU1971DMX-1M-12L
12	350mA	950	C,W,N,R,G,B,A RGB,RGBW	80	Constant current	Series	0.3M 2x0.75mm ² Plug	20/30/45/ 60/ 10X45 /10X60	EU1971-0.5M-12L
24	24VDC	1800	C,W,N,R,G,B,A,	80	Constant voltage	Parallel	0.3M 2x1.0+3x0.2mm ² Plug	20/30/45/ 60/ 10X45 /10X60	EU1971D-1M-24W
36	24VDC	2700	C,W,N,R,G,B,A,	80	Constant voltage	Parallel	0.3M 2x1.0+3x0.2mm ² Plug	20/30/45/ 60/ 10X45 /10X60	* EU1971D-1M-36W

*Underwater use only

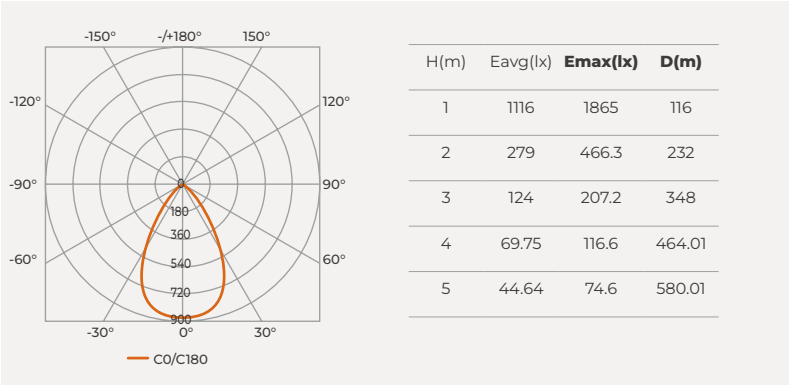
Product lists

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately . [page256/257](#)

EU1971 12W 4000K 20°



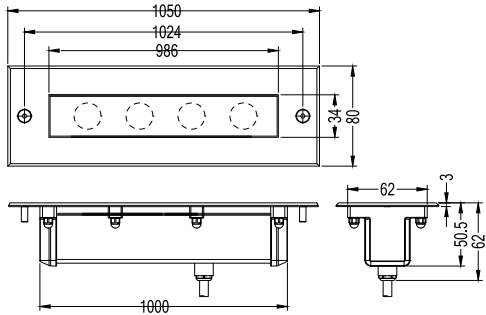
EU1971 12W 4000K 60°



Underwater Light

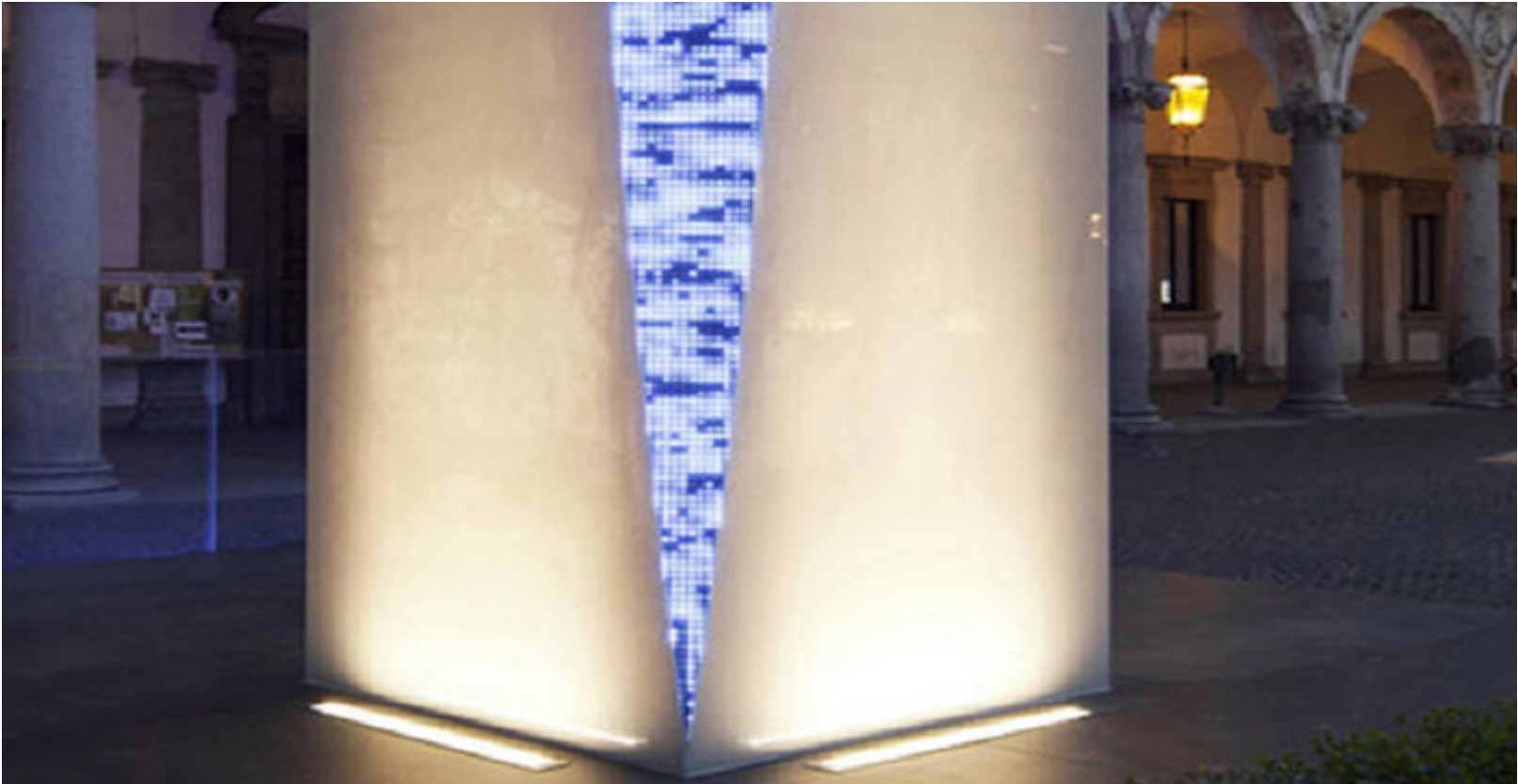
Web Contents

EU1972



Material	SUS304/SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Screw installation,adjustable angle
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;



EU1972

Contents Web

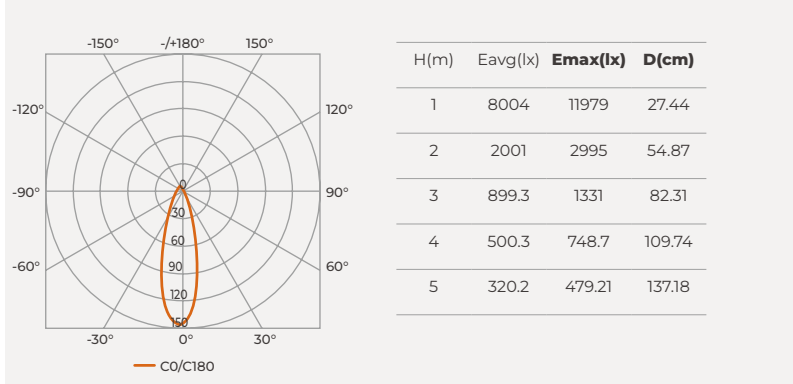
Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
12	24VDC	1100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.3M 2x0.75mm ² Plug	20/30/45/60/10X45 /10X60	EU1972D-1M
12	24VDC DMX	550	RGB,RGBW	-	Constant voltage	Parallel	0.3M 2x0.75+3x0.2mm ² Plug	20/30/45/60/10X45 /10X60	EU1972DMX-1M-RGB
24	24VDC	2200	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.3M 2x0.75mm ² Plug	20/30/45/60/10X45 /10X60	EU1972D-1M-24W
*36	24VDC	3200	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.3M 2x0.75mm ² Plug	20/30/45/60/10X45 /10X60	EU1972D-1M-36W
12	24VDC	1100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.3M 2x0.75mm ² Plug	20/30/45/60/10X45 /10X60	EU1972D-0.5M-12W

*Underwater use only

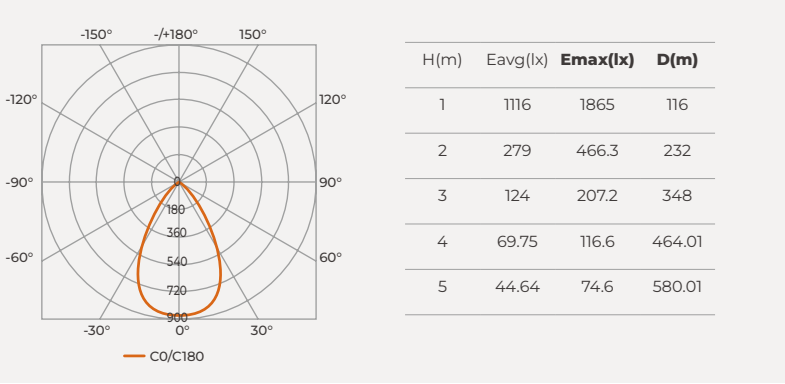
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀

EU1972 12W 4000K 20°



EU1972 12W 4000K 60°





2 Fountain Light

[Contents](#) [Web](#)

Contents

[Web](#) [Contents](#)

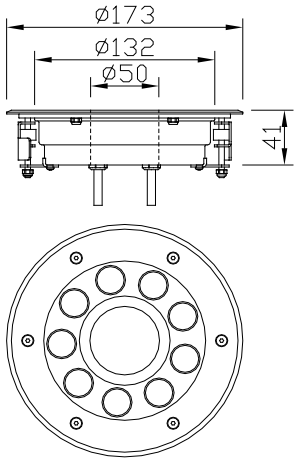
Photo	Model	Power(W)	Beam(°)	Color(K)	IP	Page
	FL410	18	15/520/30/45/F60	Monochrome/ FullColor	68	086/087 ▶
	FL411	18	15/520/30/45/F60	Monochrome/ FullColor	68	088/089 ▶

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation:

Fountain Light

Web Contents

FL410



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Screw installation
Weight	1.42kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	
Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;	

Surface mounted; Fountains, artificial lakes, natural lakes, swimming halls, aquariums and other underwaterlighting or decoration may apply.



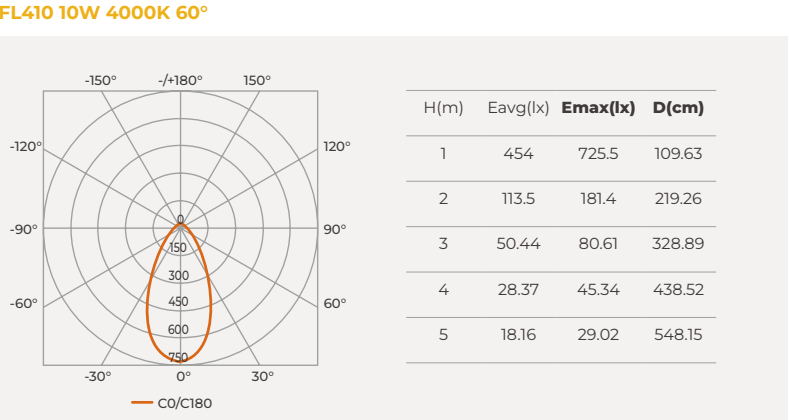
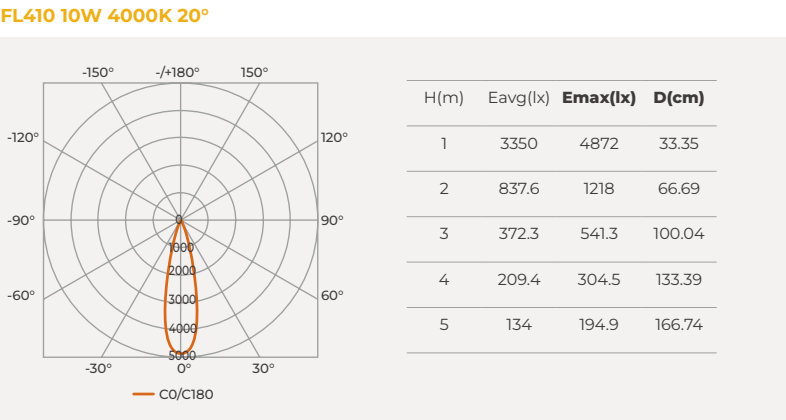
FL410

Contents Web

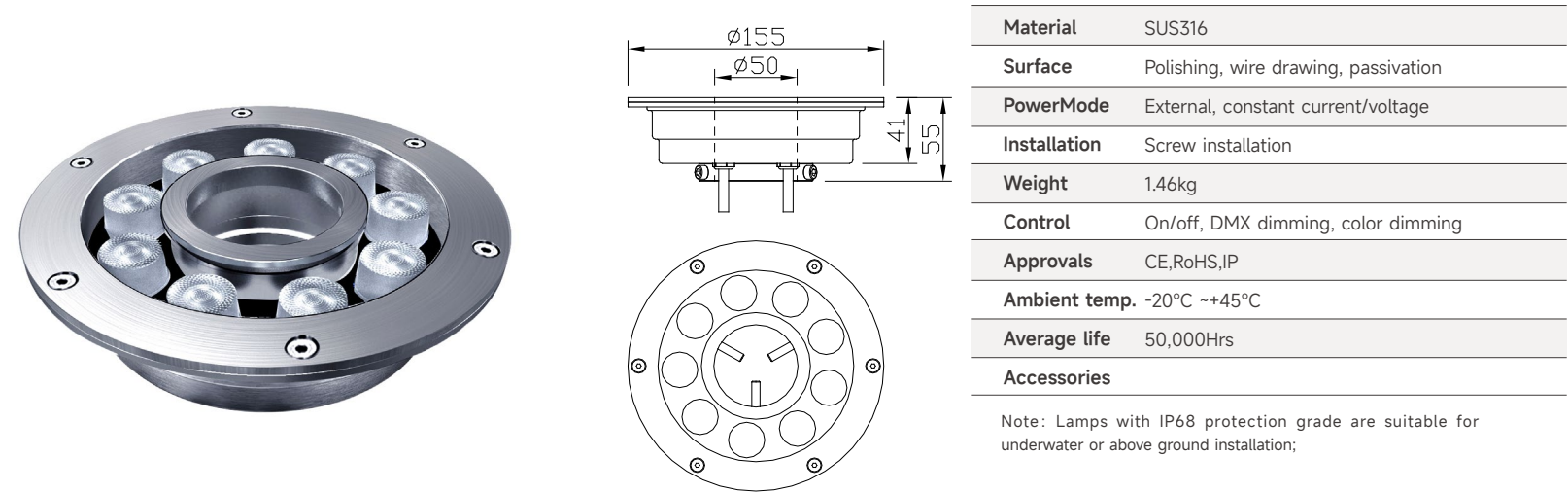
Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
9	12/24VDC	800	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x1.1M 2x0.75mm ²	15/S20/30/45/F60	FL410D
10	12/24VDC DMX	800	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x1.1M 5x0.5mm ²	15/S20/30/45/F60	FL410DMX
10	12/24VDC	-	3R+3G+3B	-	Constant voltage	Parallel	2x1.1M 5x0.5mm ²	15/S20/30/45/F60	FL410DMX-RGB
10	12/24VDC	-	RGB(Fullcolor)	-	Constant voltage	Parallel	2x1.1M 5x0.5mm ²	15/S20/30/45/F60	FL410DMX-RGB
12	12/24VDC	-	(Fullcolor)	-	Constant voltage	Parallel	2x1.1M 5x0.5mm ²	15/S20/30/45/F60	FL410DMX-RGBW
18	12/24VDC	-	3R+3G+3B	-	Constant voltage	Parallel	2x1.1M 5x0.5mm ²	15/S20/30/45/F60	FL410DMX-RGB
18	12/24VDC	-	RGB(Fullcolor)	-	Constant voltage	Parallel	2x1.1M 5x0.5mm ²	15/S20/30/45/F60	FL410DMX-RGB
18	12/24VDC	-	(Fullcolor)	-	Constant voltage	Parallel	2x1.1M 5x0.5mm ²	15/S20/30/45/F60	FL410DMX-RGBW

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber; Drive power supply to be provided separately, [page256/257](#)

Product lists◀



FL411



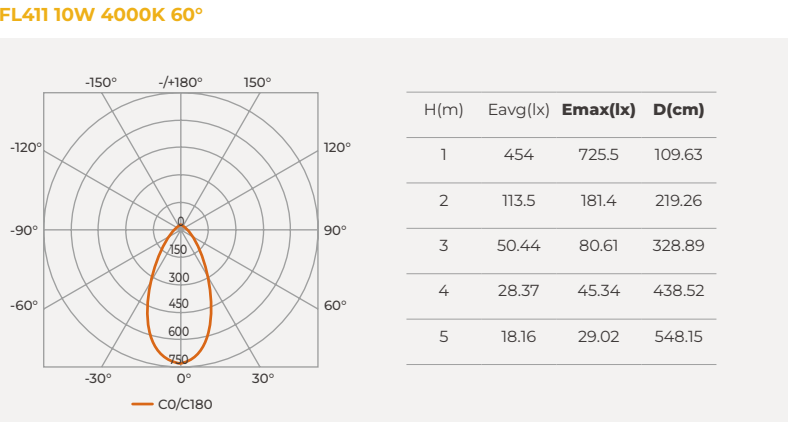
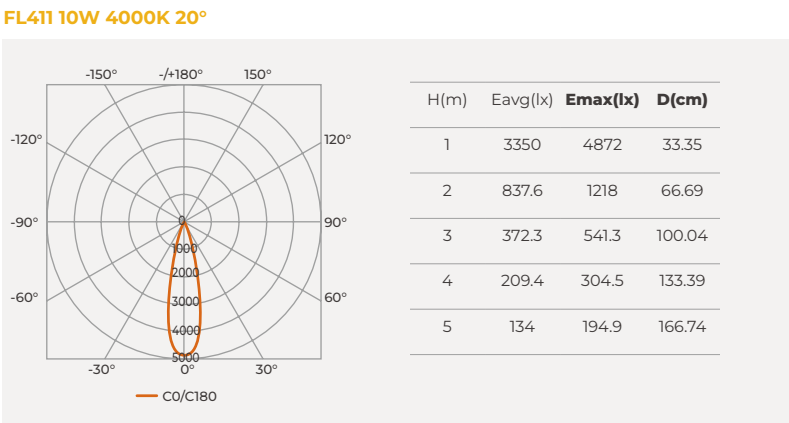
Fountains, artificial lakes, natural lakes, swimming halls, aquariums and other underwater lighting or decoration may apply.



Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
9	12/24VDC	800	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x1.1M 2x0.75mm ²	15/20/30/45/60	FL411D
10	12/24VDC	800	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x1.1M 5x0.5mm ²	15/20/30/45/60	FL411DMX
10	12/24VDC	-	3R+3G+3B	-	Constant voltage	Parallel	2x1.1M 5x0.5mm ²	15/20/30/45/60	FL411DMX-RGB
10	12/24VDC	-	RGB(Fullcolor)	-	Constant voltage	Parallel	2x1.1M 5x0.5mm ²	15/20/30/45/60	FL411DMX-RGB
12	12/24VDC	-	RGBW(Fullcolor)	-	Constant voltage	Parallel	2x1.1M 5x0.5mm ²	15/20/30/45/60	FL411DMX-RGBW
18	12/24VDC	-	3R+3G+3B	-	Constant voltage	Parallel	2x1.1M 5x0.5mm ²	15/20/30/45/60	FL411DMX-RGB
18	12/24VDC	-	RGB(Fullcolor)	-	Constant voltage	Parallel	2x1.1M 5x0.5mm ²	15/20/30/45/60	FL411DMX-RGB
18	12/24VDC	-	RGBW(Fullcolor)	-	Constant voltage	Parallel	2x1.1M 5x0.5mm ²	15/20/30/45/60	FL411DMX-RGBW

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

Product lists





3

Ground Light

Contents

Web

Contents

Web

Contents

Photo	Model	Power(W)	Beam(°)	Color(K)	IP	Page
	EU1965H	6	20/60	Monochrome	67	092/093 ▶
	EU1968	7.5	3	Monochrome	67	094/095 ▶
	EU1968B	7	15/24/36/50	Monochrome/ FullColor	67	096/097 ▶
	GL117	3.5	10/20/40/60	Monochrome/ FullColor	67	098/099 ▶
	GL130	3	20/60	Monochrome/ FullColor	67	100/101 ▶
	GL151	3.5	-	Monochrome/ FullColor	68	102/103 ▶
	GL191	1.3	-	Monochrome/ FullColor	68	104/105 ▶
	GL080	12	10/40	Monochrome/ FullColor	67	106/107 ▶
	GL120	18	10/20/40/60	Monochrome/ FullColor	67	108/109 ▶
	GL180	30	10/20/40/60	Monochrome/ FullColor	67	110/111 ▶
	GL240	36	10/20/40/60	Monochrome/ FullColor	67	112/113 ▶
	GL310	36	10/20/40/60	Monochrome/ FullColor	67	114/115 ▶
	EU1953	12	120	Monochrome/ FullColor	65	116/117 ▶
	EU1947	7	45	Monochrome	67	118/119 ▶
	EU1948	2.6	12/26	Monochrome/ FullColor	67	120/121 ▶
	EU1950	4.5	120	Monochrome	67	122/123 ▶
	EU1919-2	2	40X120	Monochrome/ FullColor	68	124/125 ▶
	RD077	1	120	Monochrome/ FullColor	67	126/127 ▶
	EU1966	5	10x40	Monochrome	67	128/129 ▶

EU1965H



Material	SUS316+Aluminium
Surface	Polishing, wire drawing, passivation, tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS116 PAGE 259

Marine grade 316 stainless steel panel with aluminum lamp body. This fixture complete with integral CREE led package. Tempered glass, construction rated to IP67. Recessed light source and black baffle serve to minimize glare.

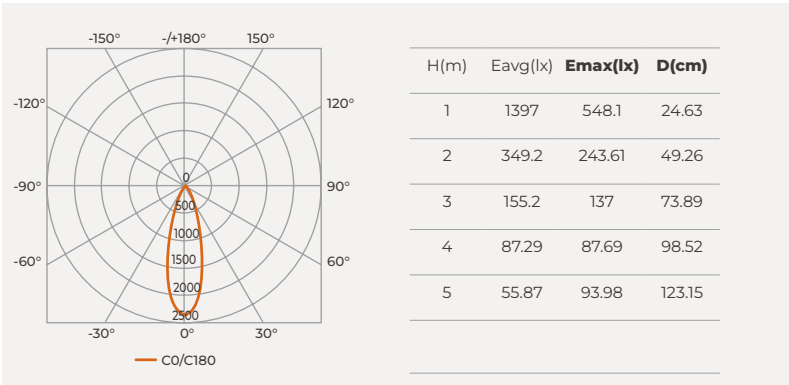


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
6	24VDC	500	C,W,N	80	Constant voltage	Parallel	1.1M 2x0.75mm²	20/60	EU1965HD
3	24VDC	250	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm²	20/60	EU1965HD-3W
6	550mA@11.3VDC	500	C,W,N	80	Constant current	Series	1.1M 2x0.75mm²	20/60	EU1965H

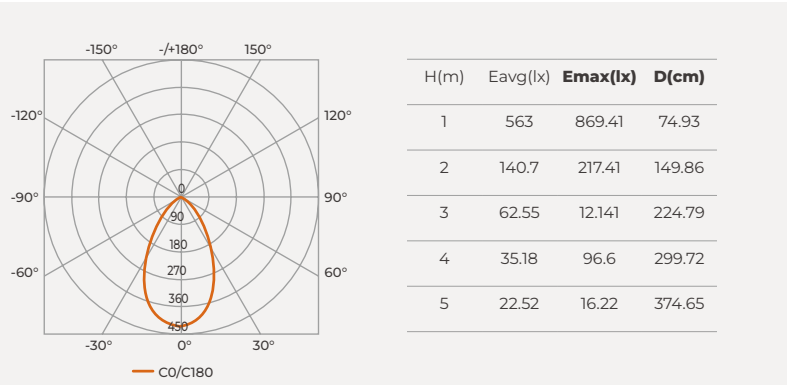
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

EU1965H 6W 4000K 20°



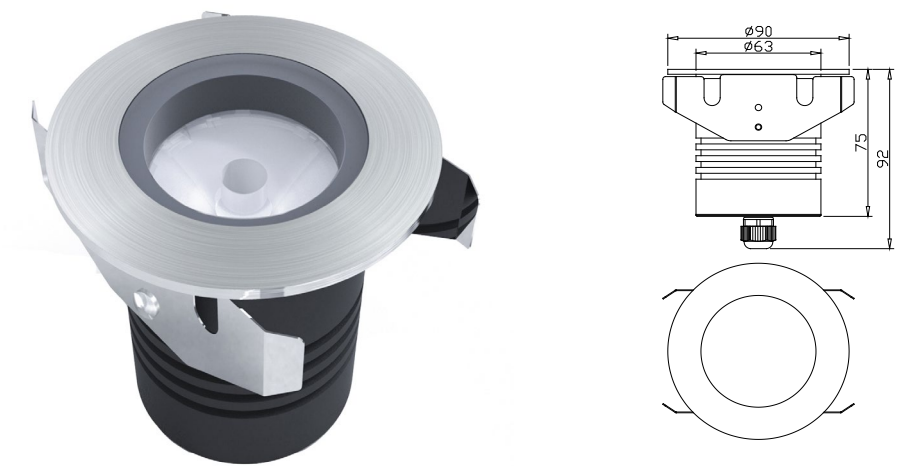
EU1965H 6W 4000K 60°



Ground Light

Web Contents

EU1968



Material	SUS316+Aluminium
Surface	Polishing, wiredrawing, passivation, tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS1968 PAGE 259

Marine grade 316 stainless steel panel with aluminum lamp body. This fixture complete with integral CREE led package. Tempered glass, construction rated to IP67.



EU1968

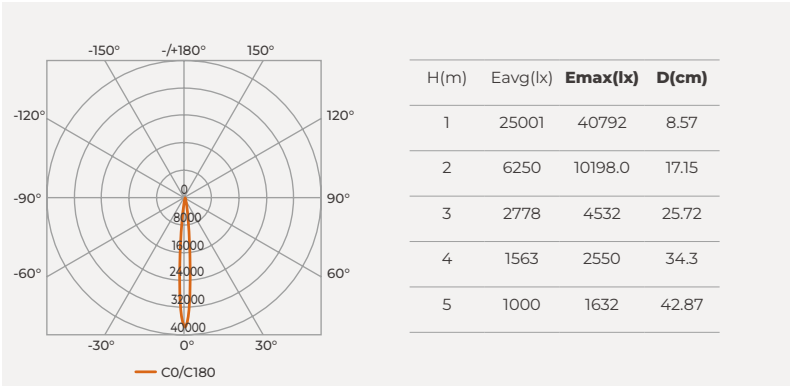
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
7.5	24VDC	600	C,W,N	80	Constant voltage	Parallel	1.1M 2x0.75mm²	3	EU1968D
7.5	24VDC	600	C,W,N	80	Constant voltage	Parallel	1.1M 4x0.5mm²	3	EU1968DMX
7	600mA@11.3VDC	600	C,W,N	80	Constant current	Series	1.1M 2x0.75mm²	3	EU1968

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately. [page256/257](#)

[Product lists](#)◀

EU1968 7W 4000K 3°

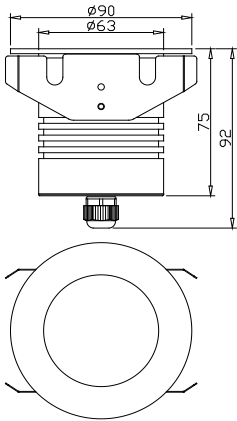


Ground Light

Web Contents

EU1968B

NEW!



Material	SUS316+Aluminium
Surface	Polishing, wiredrawing, passivation, tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS1968 PAGE 259

Marine grade 316 stainless steel panel with aluminum lamp body. This fixture complete with integral CREE led package. Tempered glass, construction rated to IP67.



EU1968B

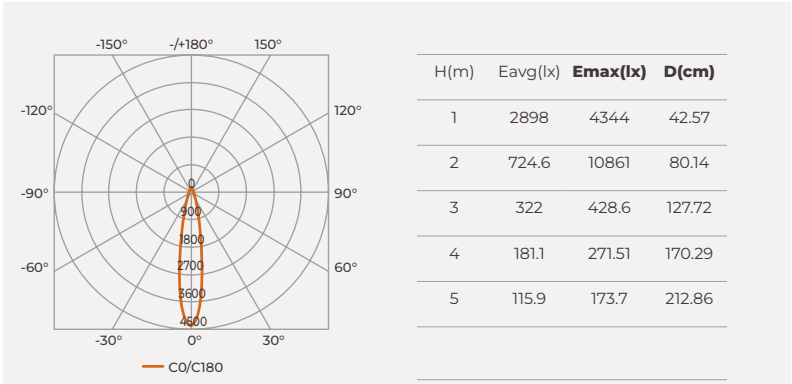
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
7	24VDC	800	C,W,N	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	15/24/36/50	EU1968BD
7	24VDC	800	C,W,N	80	Constant voltage	Parallel	1.1M 4x0.5mm ²	15/24/36/50	EU1968BDMX
7	350mA	800	C,W,N	80	Constant current	Series	1.1M 2x0.75mm ²	15/24/36/50	EU1968B

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)

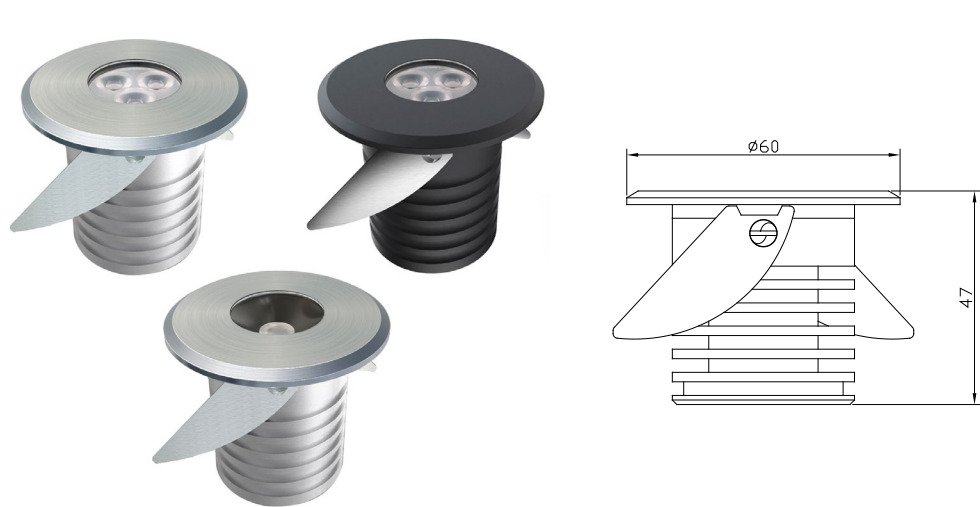
EU1968B 7W 4000K 20°



Ground Light

Web Contents

GL117



Material	SUS316+Aluminium
Surface	Polishing, wiredrawing, passivation, tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS116 PAGE 259

Tempered glass,marine grade 316 stainless steel bezel panel with aluminum lamp body.integral CREE LED package .Product Footprint of 60mm diameter ensures versatile application.10/45 degree beam as standard,product functions with 350 mA constant current driver.Inline driver options include switched 1-10Vand DALI dimmable solutions.



Contents Web

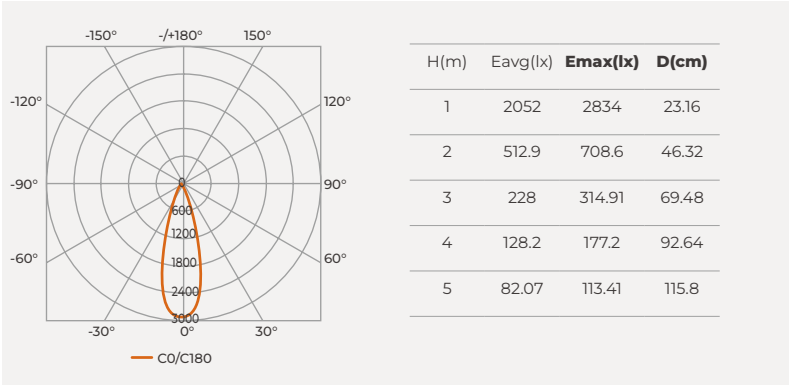
GL117

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
3.5	24VDC	220	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	10/20/40/60	GL117D
3.5	24VDC DMX	220	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M x24AWG	10/20/40/60	GL117DMX
3	350mA	220	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm ²	10/20/40/60	GL117

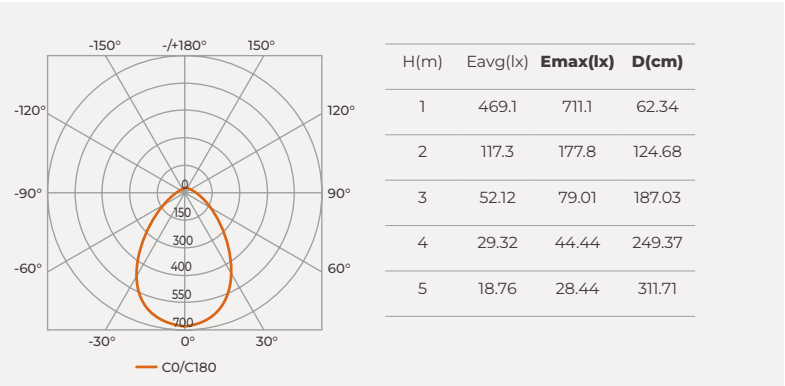
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)◀

GL117 3W 4000K 10°



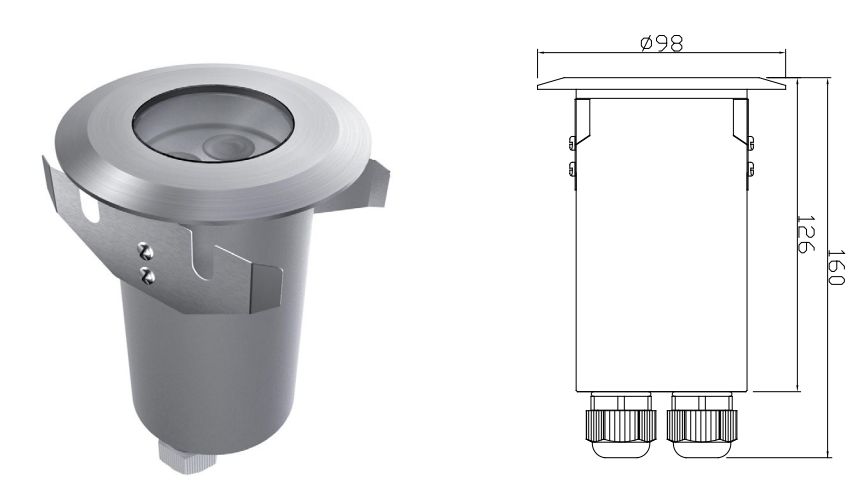
GL117 1W 4000K 40°



Ground Light

Web Contents

GL130



Material	SUS316+Aluminium
Surface	Polishing, wiredrawing, passivation, tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.93kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS130 PAGE 259

Tempered glass,marine grade 316 stainless steel bezel panel with Aluminum lamp body.Hidden&embedded design installation .This fixture complete with integral CREE LED package.Fixture rated to IP67.



GL130

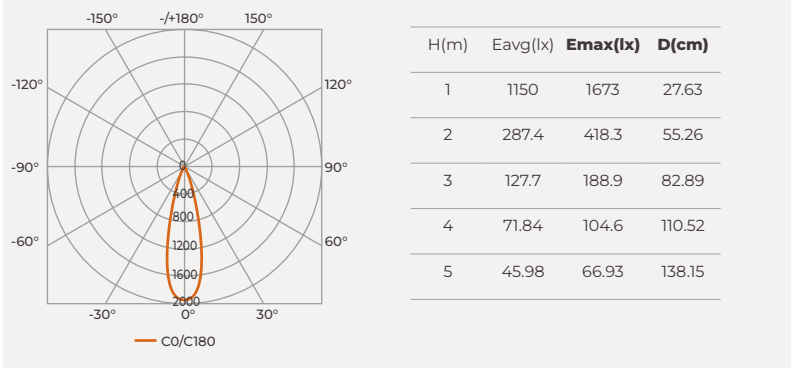
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
3	220VAC	250	C,W,N,R,G,B,A	80	Constant voltage	Parallel	-	20/60	GL130
3	24VDC	250	C,W,N,R,G,B,A	80	Constant voltage	Parallel	-	20/60	GL130D
3	350mA	-	-	80	Constant current	Series	-	20/60	GL130RGB

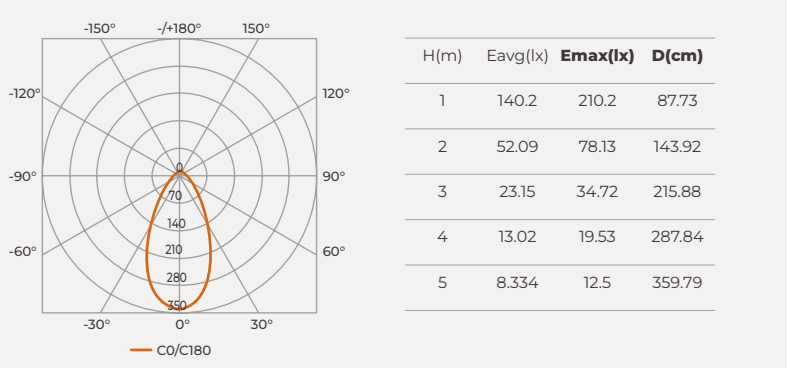
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)◀

GL130 3W 4000K 20°



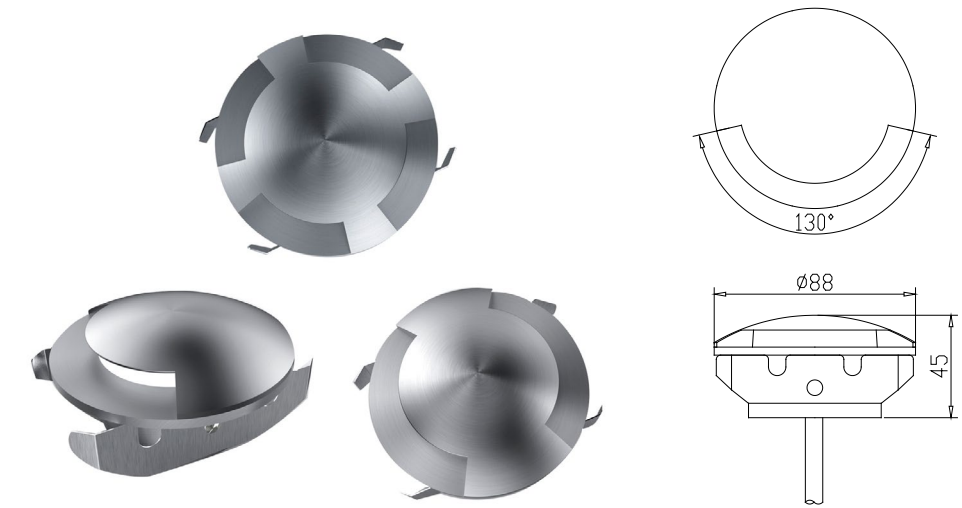
GL130 3W 4000K 60°



Ground Light

Web Contents

GL151



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS140 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Marine grade 316 stainless steel in-ground single marker light complete with integral CREE LED package.Tempered glass,fixture rated to IP68 with single aperture for asymmetric emission.Product functions with 350mA constant current driver,Inline driver options include switched,1-10V and DALI dimmable solutions.



GL151

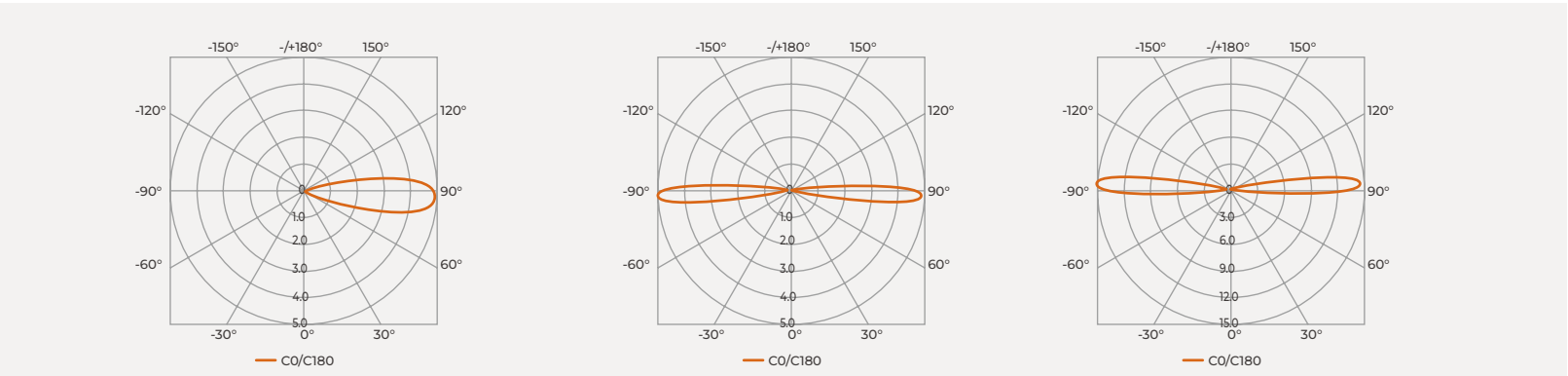
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
3.5	12/24VDC	-	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	-	GL151D
3.5	12/24VDC	-	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	-	GL152D
3.5	12/24VDC	-	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	-	GL154D
3	350mA	-	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	-	GL151
3	350mA	-	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	-	GL152
3	350mA	-	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	-	GL154

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately. [page256/257](#)

[Product lists](#) ◀

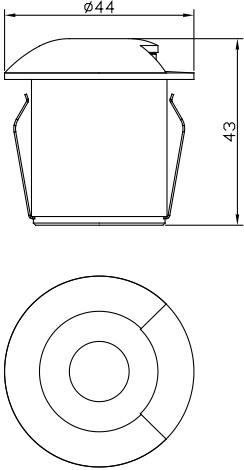
GL151 3W 4000K



Ground Light

Web Contents

GL191



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.14kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS119 PAGE 259

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Miniature recessed fixture complete with intergral CREE LED package.Marine grade 316 stainless steel with construction rated to IP68 & Eye-Lid design with dual aperture for asymmetric light emission.Product footprint of 44mm diameter ensures versatile application.Inline driver options include switched.1-10V and DALI dimmable solutions.



Contents Web

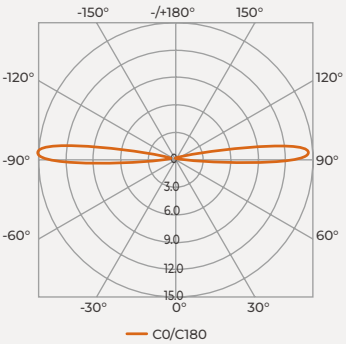
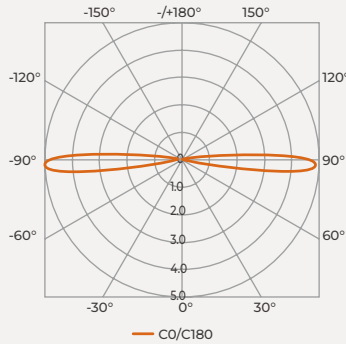
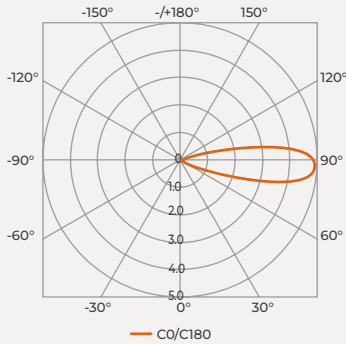
GL191

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	-	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	-	GL191D
1.3	24VDC	-	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	-	GL192D
1.3	24VDC	-	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	-	GL193D
1	350mA	-	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm ²	-	GL191
1	350mA	-	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm ²	-	GL192
1	350mA	-	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm ²	-	GL193

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

GL191 1W 4000K



Ground Light

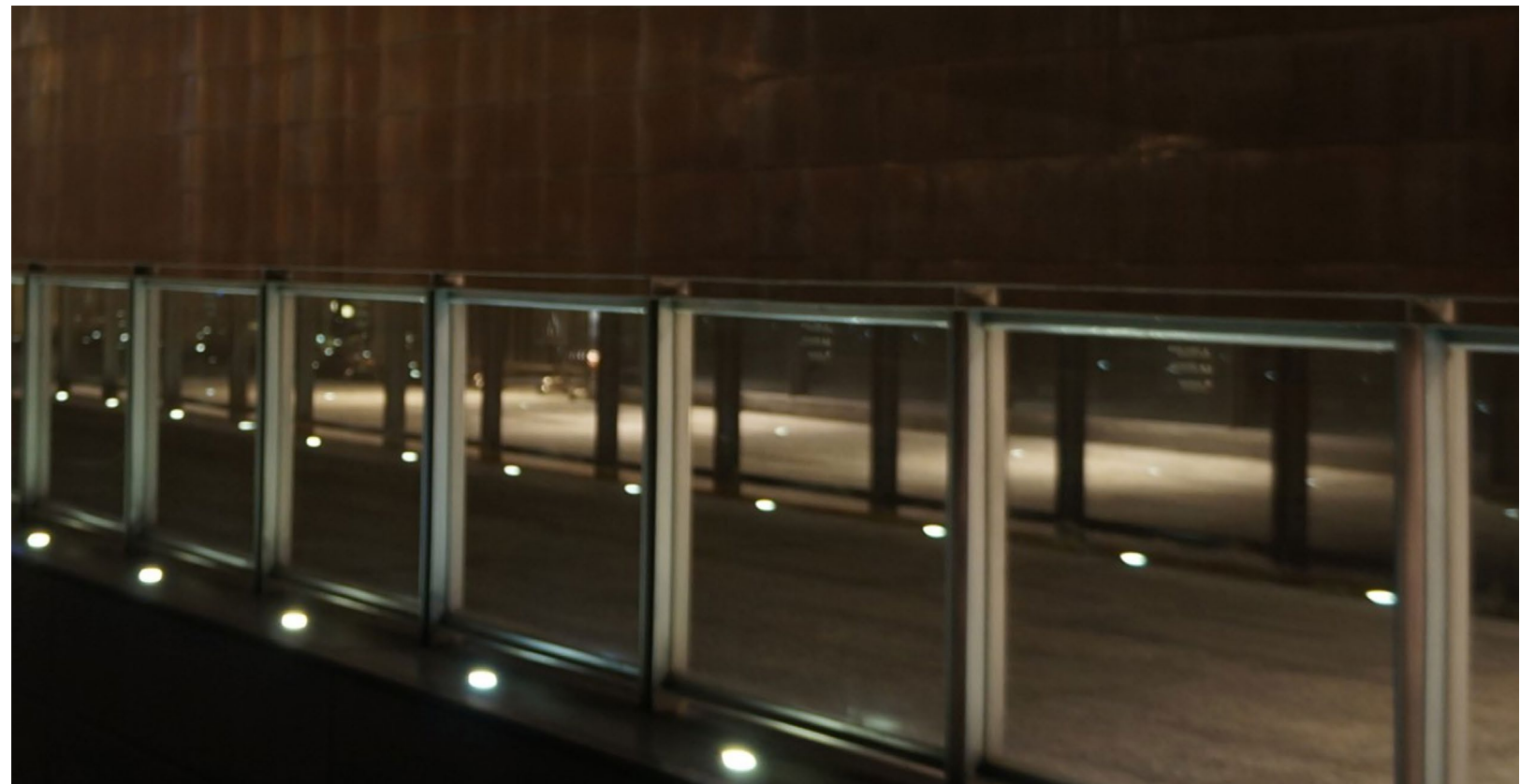
Web
Contents

GL080



Material	SUS316+Aluminium
Surface	Polishing, wiredrawing, passivation, powder coating
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	1.1kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS080 PAGE 259

Marine grade 316 stainless steel bezel panel with aluminum lamp body,This fixture complete with integral CREELED package.Tempered glass,Fixture rated to IP67 with no mechanical joints to light source ensures robust protection against Water ingress.10/20/40/60 degree beam options.product runs cool meeting all touch temperature requirements.Suitable for the illumination of small/medium trees.



Contents
Web

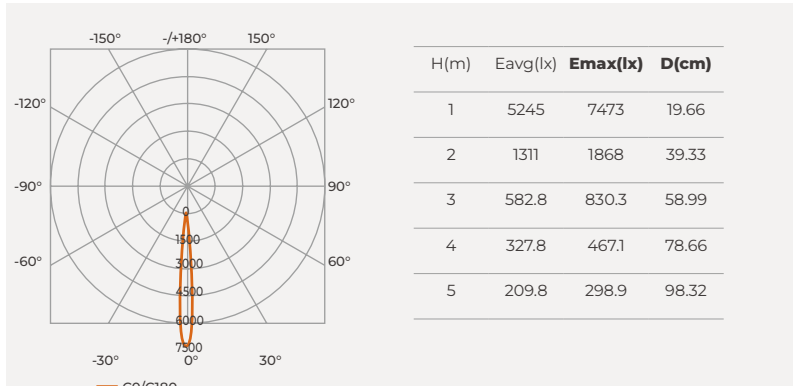
GL080

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
6.5	24VDC	500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	10/40	GL080D
3.5	24VDC	300	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	10/20/40/60	GL080D-3W
6.5	24VDC DMX	-	2R+2G+2B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	GL080DMX-RGB
6.5	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	GL080DMX-RGB
6.5	24VDC DMX	-	RGBW	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	GL080DMX-RGBW
12	24VDC DMX	-	2R+2G+2B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	GL080DMX-RGB
12	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	GL080DMX-RGB
12	24VDC DMX	-	RGBW	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	GL080DMX-RGBW
6	350mA	500	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	10/40	GL080
3	350mA	300	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	10/20/40/60	GL080-3W
6	350mA	300	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	120	GL080M
6	350mA	-	2R+2G+2B	-	Constant current	Series	2x1.1M 4x0.5mm ²	10/40	GL080RGB

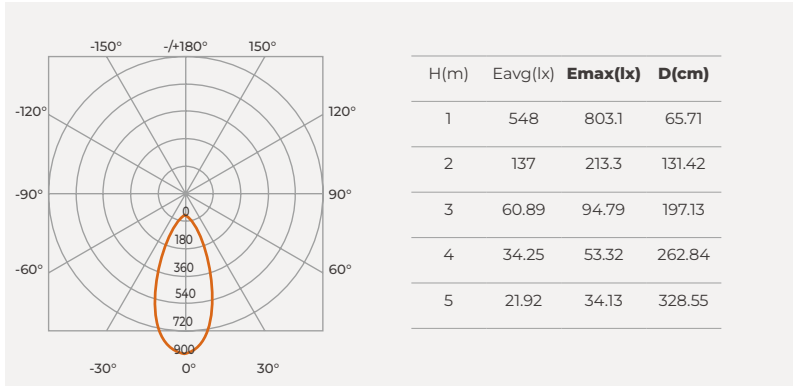
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

GL080 6W 4000K 10°



GL080 6W 4000K 40°



CO/C180

GL120



Material	SUS316+Aluminium
Surface	Polishing, wiredrawing, passivation, powder coating
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	1.7kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS180 PAGE 259

Marine grade 316 stainless steel bezel panel with aluminum lamp Body,Tempered glass,this fixture complete with integral CREE LED package.Fixture rated to IP67 with no Mechanical joints to light source ensures robust protection against Water ingress.10/20/40/60 degree beam options.product runs cool meeting all touch temperature requirements.Suitable for the illumination of small/medium trees.

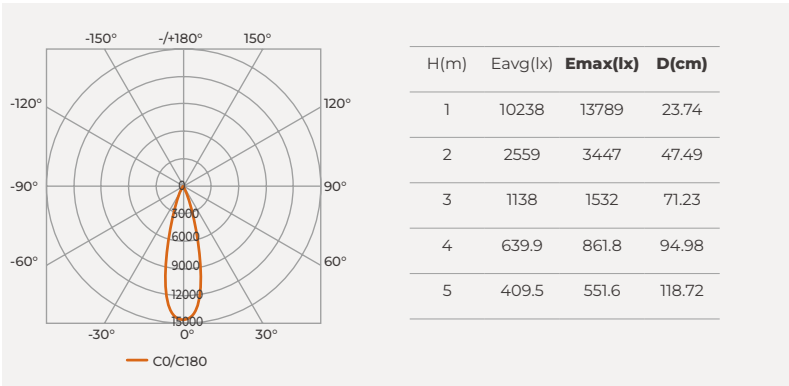


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
13	24VDC	1300	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	10/20/40/60	GL120D
13	24VDC	650	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	120	GL120DM
13	24VDC DMX	-	4R+4G+4B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	GL120DMX-RGB
13	24VDC DMX	-	RGB(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	GL120DMX-RGB
13	24VDC DMX	-	RGBW(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	GL120DMX-RGBW
18	24VDC DMX	-	4R+4G+4B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	GL120DMX-RGB
18	24VDC DMX	-	RGB(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/0/F60	GL120DMX-RGB
18	24VDC DMX	-	RGBW(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	GL120DMX-RGBW
12	350mA	1300	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	10/20/40/60	GL120
12	350mA	-	4R+4G+4B	-	Constant current	Series	2x1.1M 4x0.5mm ²	10/20/40/60	GL120RGB

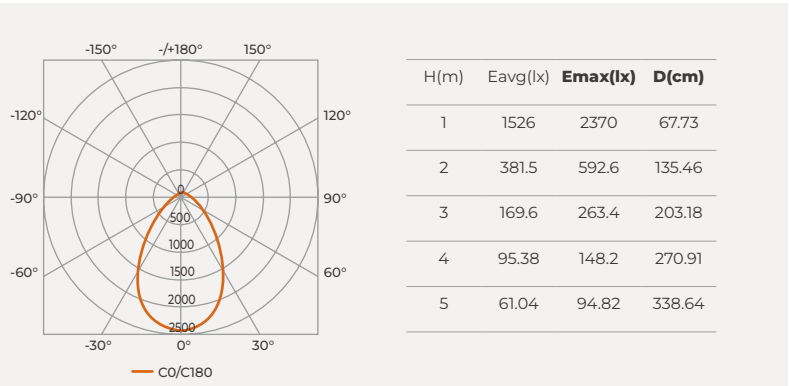
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀

GL120 12W 4000K 20°



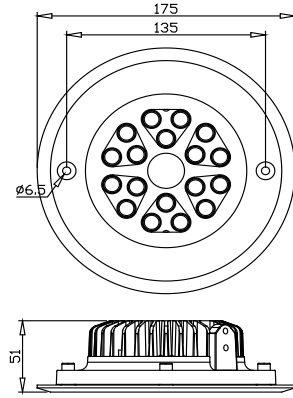
GL120 12W 4000K 60°



Ground Light

Web Contents

GL180



Material	SUS316+Aluminium
Surface	Polishing, wiredrawing, passivation, powder coating
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	1.7kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS180 PAGE 259

Marine grade 316 stainless steel bezel panel with aluminum lamp Body,Tempered glass,this fixture complete with integral CREE LED package.Fixture rated to IP67 with no mechanical joints to light source ensures robust protection against Water ingress.10/20/40/60 degree beam options.product runs cool meeting all touch temperature requirements.Suitable for the illumination of small/medium trees.



Contents Web

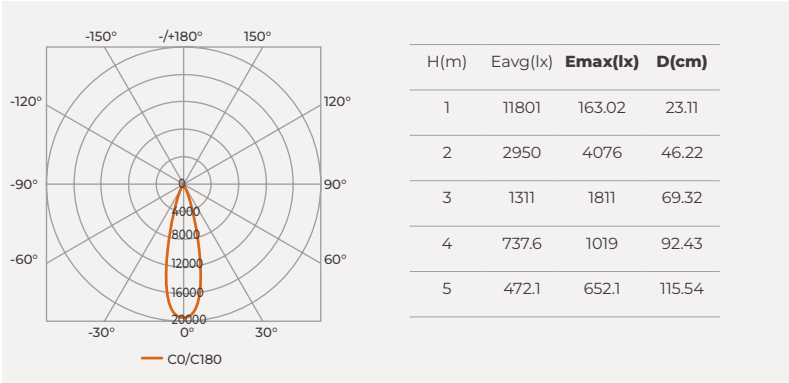
GL180

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
20	24VDC	1700	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	10/S20/40/F60	GL180D
20	24VDC DMX	-	6R+6G+6B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/S20/40/F60	GL180DMX-RGB
20	24VDC DMX	-	RGB(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/S20/40/F60	GL180DMX-RGB
20	24VDC DMX	-	RGBW(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/S20/40/F60	GL180DMX-RGBW
30	24VDC DMX	-	6R+6G+6B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/S20/40/F60	GL180DMX-RGB
30	24VDC DMX	-	RGB(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/S20/40/F60	GL180DMX-RGB
30	24VDC DMX	-	RGBW(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/S20/40/F60	GL180DMX-RGBW
18	350mA	1700	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	10/S20/40/F60	GL180
18	350mA	-	6R+6G+6B	-	Constant current	Series	2x1.1M 4x0.5mm ²	10/S20/40/F60	GL180RGB

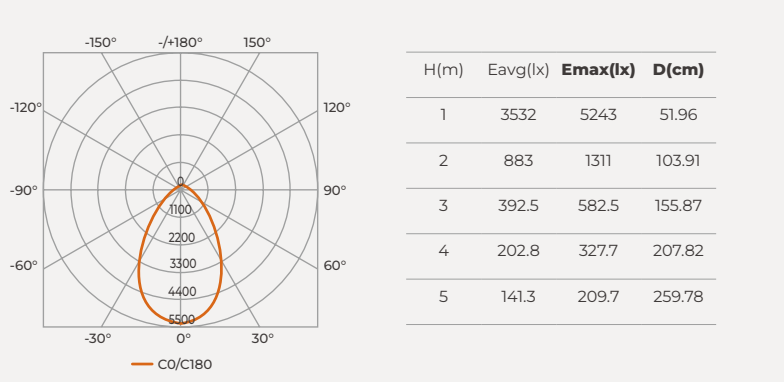
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)

GL180 18W 4000K 20°



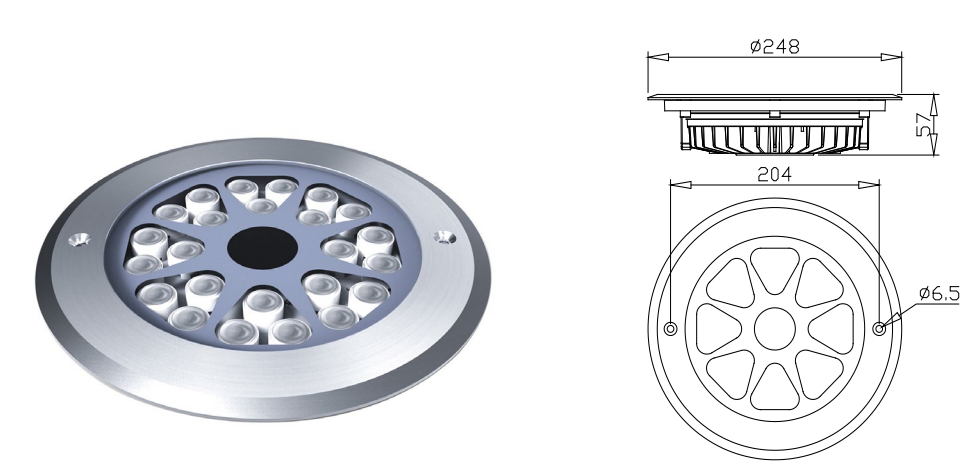
GL180 18W 4000K 60°



Ground Light

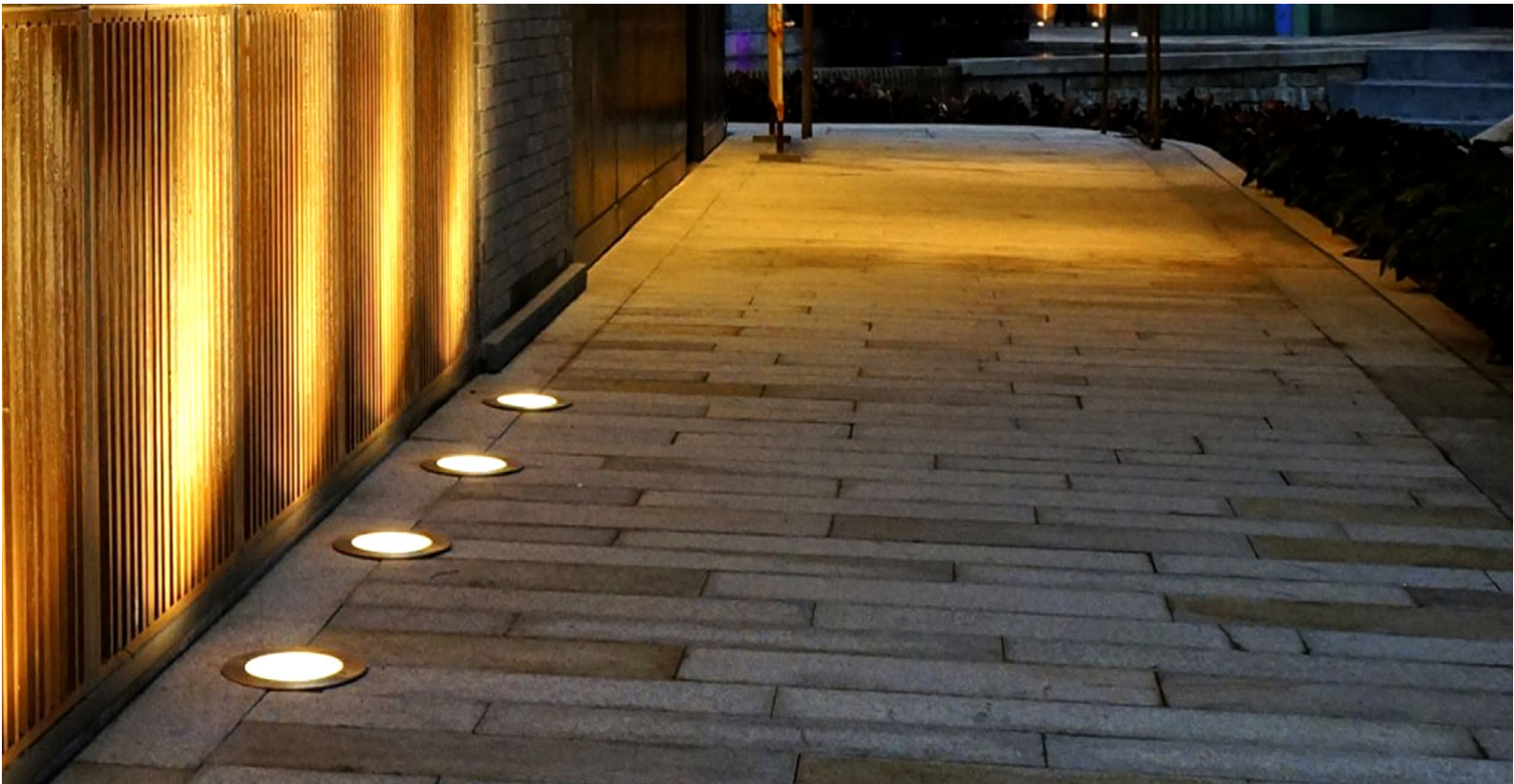
Web Contents

GL240



Material	SUS316+Aluminium
Surface	Polishing, wiredrawing, passivation, powder coating
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	3.25kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP,ETL
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS240 PAGE 259

Marine grade 316 stainless steel bezel panel with aluminum lamp Body,Tempered glass,In-ground floodlight fixture complete with Integral CREE LED package.10/20/40/60 degree beam options.No Mechanical joints to light source ensures robust protection against Water ingress.product runs cool meeting all touch temperature Requirements.Suitable for the illumination of small/medium trees.



GL240

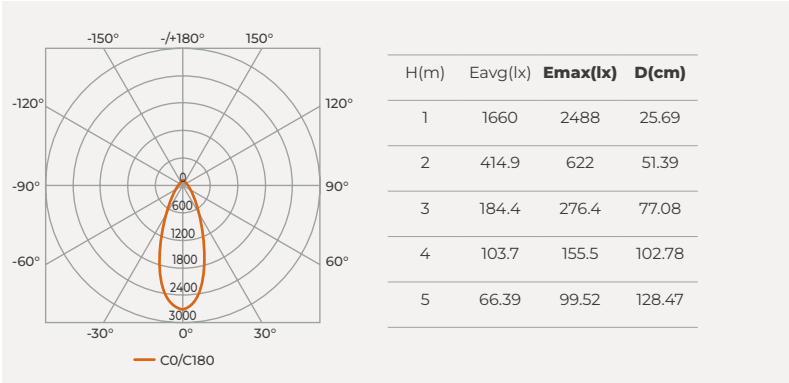
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
26	24VDC	2200	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	10/20/40/60	GL240D
18	24VDC	1000	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	120	GL240DM
26	24VDC DMX	1400	8R+8G+8B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	GL240DMX-RGB
36	24VDC DMX	1400	8R+8G+8B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	GL240DMX-RGB
36	24VDC DMX	-	RGBW	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	GL240DMX-RGB
24	350mA	2200	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	10/20/40/60	GL240
24	350mA	-	8R+8G+8B	-	Constant current	Series	2x1.1M 4x0.5mm ²	10/20/40/60	GL240RGB

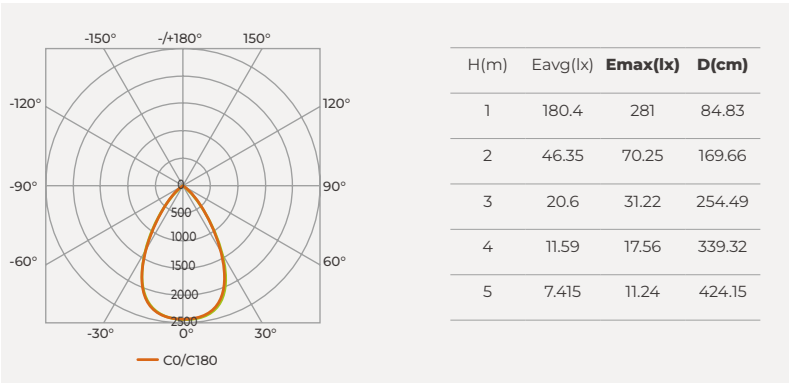
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)

GL240 24W 4000K 20°



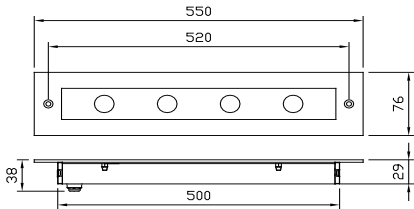
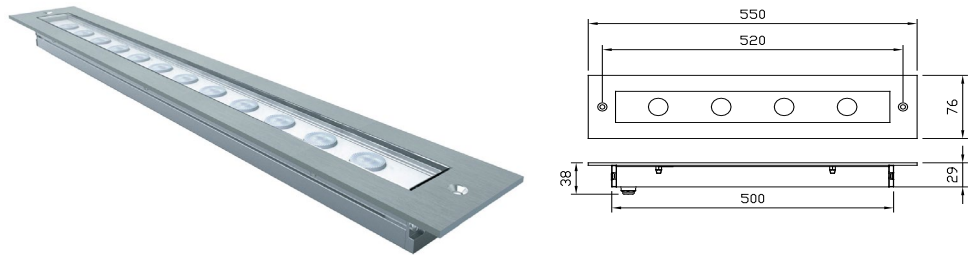
GL240 24W 4000K 60°



Ground Light

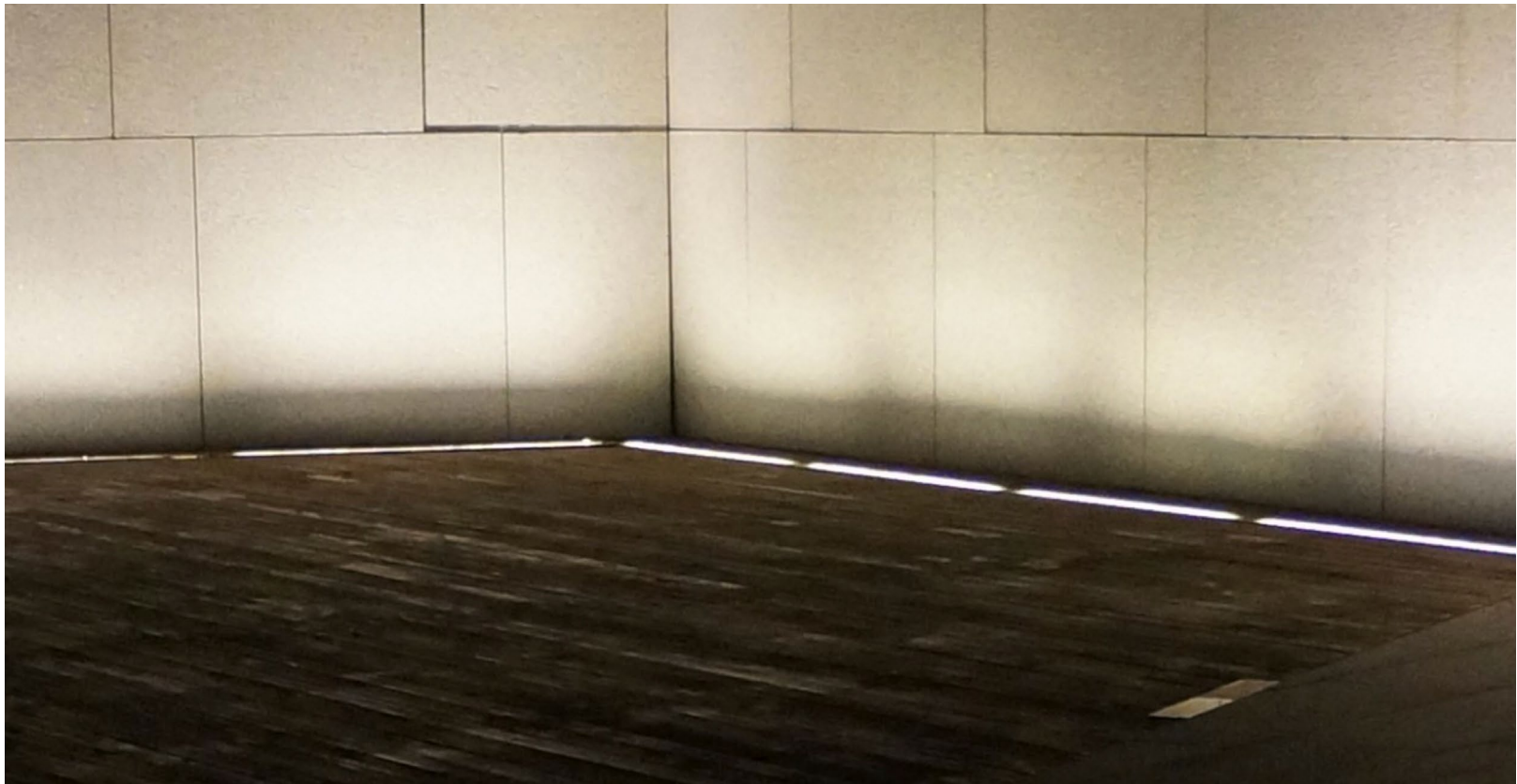
Web Contents

GL310



Material	SUS316+Aluminium
Surface	Polishing, wiredrawing, passivation, tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	PAGE 259

Recessed linear fixture rated to IP67,15/20/30/45/60 degree beam Options.Wall/floor-recessed luminaire for use with fluorescent lamps and LEDs.Tempered glass with integrated CREE XPE LED chipset.Luminaire ready for pass-through wiring.



GL310

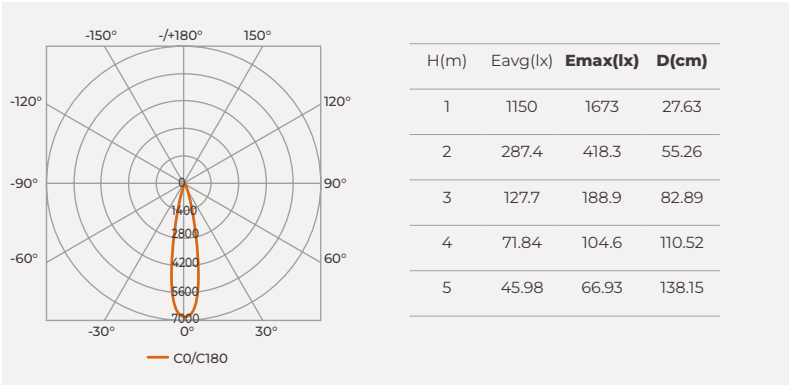
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
13	24VDC	800	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.75mm ²	10/20/40/60	GL310D
13	24VDC	500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.75mm ²	120	GL310DM
13	24VDC DMX	-	RGB(Fullcolor)	-	Constant voltage	Parallel	0.5M 4x0.5mm ²	10/20/40/60	GL310DMX-RGB
24	24VDC DMX	-	RGB(Fullcolor)	-	Constant voltage	Parallel	0.5M 4x0.5mm ²	10/20/40/60	GL310DMX-RGB
36	24VDC DMX	-	RGB(Fullcolor)	-	Constant voltage	Parallel	0.5M 4x0.5mm ²	10/20/40/60	GL310DMX-RGBW
12	350mA	800	C,W,N,R,G,B,A	80	Constant current	Series	0.5M 2x0.75mm ²	10/20/40/60	GL310
12	350mA	800	C,W,N,R,G,B,A	80	Constant current	Series	0.5M 2x0.75mm ²	120	GL310M
12	350mA	-	4R+4G+4B	-	Constant current	Series	0.5M 4x0.5mm ²	10/20/40/60	GL310RGB

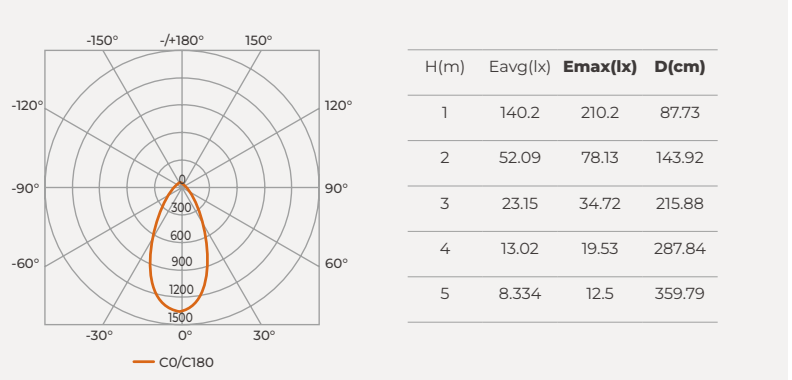
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)◀

GL310 13W 4000K 20°



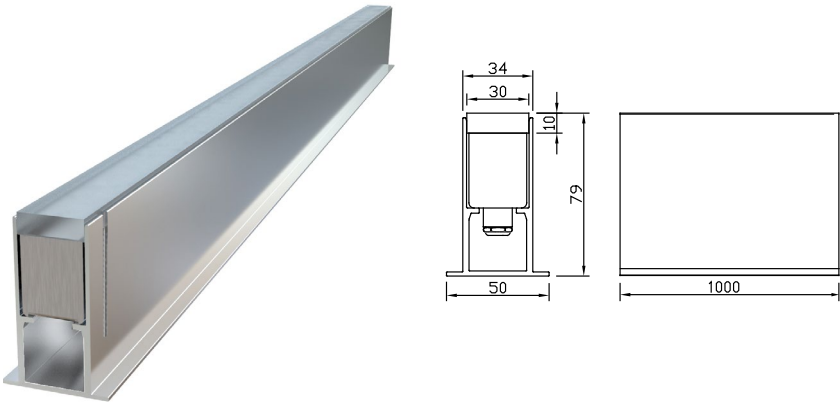
GL310 13W 4000K 60°



Ground Light

Web Contents

EU1953



Material	SUS304/SUS316 Stainless steel
Surface	Polishing, wiredrawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS1953 PAGE 259



EU1953

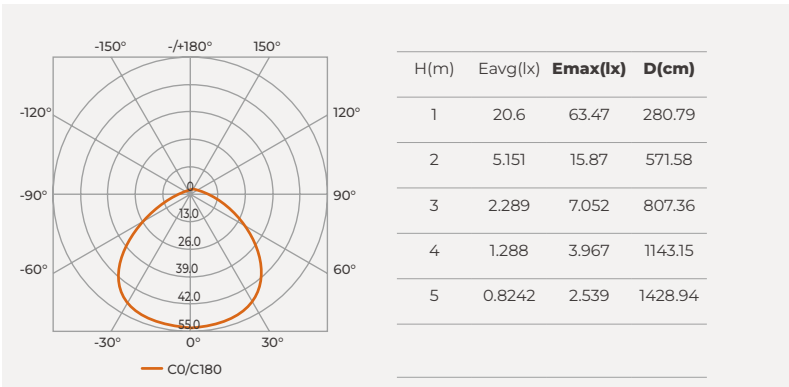
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
8	24VDC	400	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.75mm ²	120	EU1953D-0.5M
12	24VDC	550	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.75mm ²	120	EU1953D-1M

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)◀

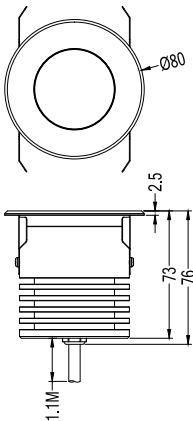
RU1953 12W 4000K 120°



Ground Light

Web Contents

EU1947



Material	SUS316+Aluminium
Surface	Polishing, wiredrawing, passivation, tinting
PowerMode	External, constant current
Installation	Embedded installation of buried lamp
Weight	
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



EU1947

Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
7	24VDC	400	C,W,N	80	Constant voltage	Parallel	1.1M 2X0.75mm	45	EU1947D
7	9.6VDC	416	C,W,N	80	Constant current	Series	1.1M 2X0.75mm	45	EU1947

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

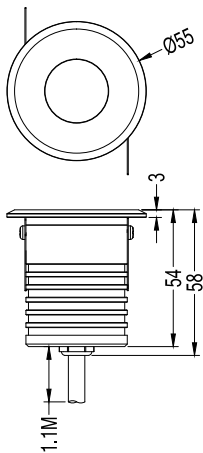
Product lists



Ground Light

Web Contents

EU1948



Material	SUS316+Aluminium
Surface	Polishing, wiredrawing, passivation, tinting
PowerMode	External, constant current
Installation	Embedded installation of buried lamp
Weight	
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



EU1948

Contents Web

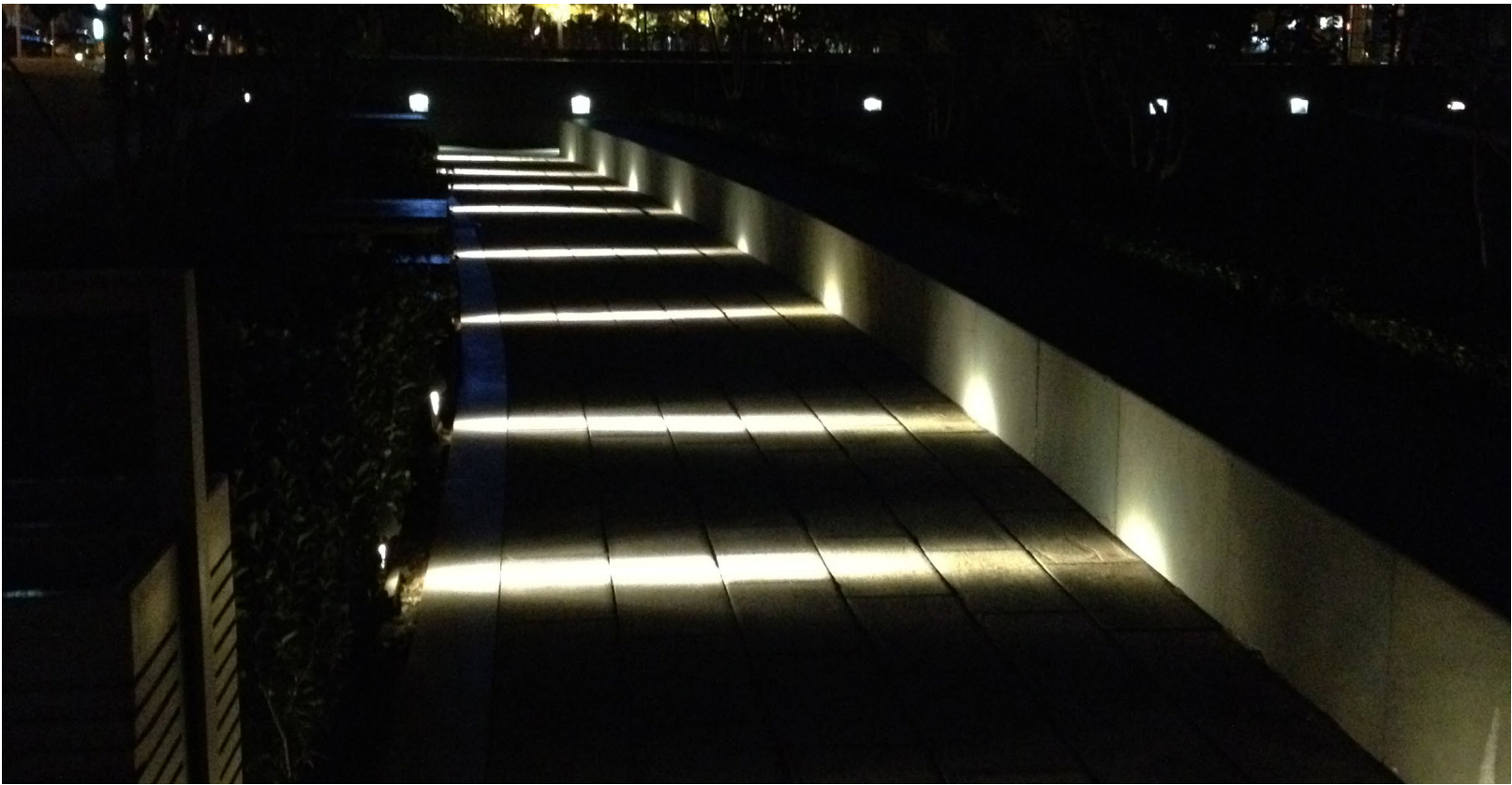
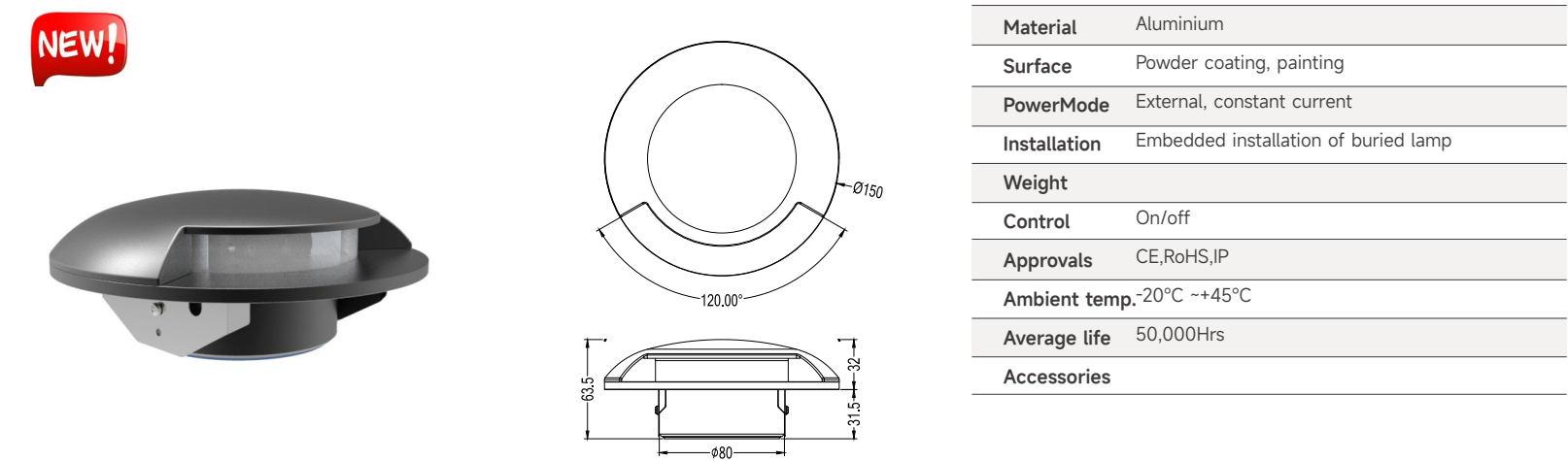
Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
2.6	800mA	175	C,W,N	80	Constant current	Series	1.1M 2X0.75mm ²	12/26	EU1948

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately. [page256/257](#)

Product lists



EU1950



Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
4.5	750mA	90	C,W,N	80	Constant current	Series	1.1M 2X0.75mm²	120	EU1950

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately . [page256/257](#)

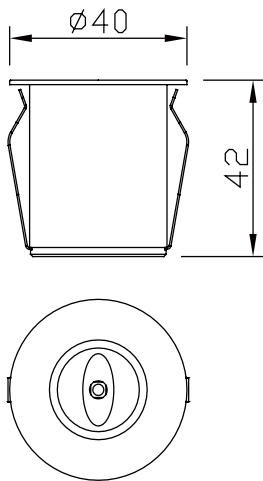
Product lists◀



Ground Light

Web Contents

EU1919-2



Material	SUS316
Surface	Polishing, wiredrawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	TS119 PAGE 259



EU1919-2

Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
2	24VDC	-	C,W,N,R,G,B	80	Constant voltage	Parallel	1.1M 4x24AWG	40X120	EU1919-2DMX

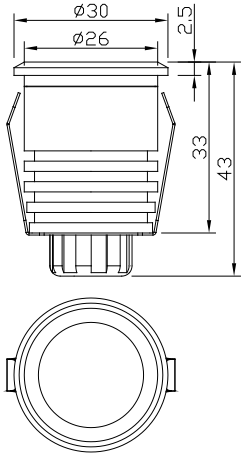
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#) [Product lists](#)



Ground Light

Web Contents

RD077



Material	SUS316+Aluminium
Surface	Polishing, wiredrawing, passivation, tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



RD077

Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1	24VDC	-	C,W,N,R,G,B	80	Constant voltage	Parallel	1.1M 4*0.5mm ²	120	RD077DMX

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

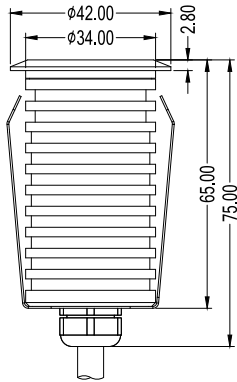
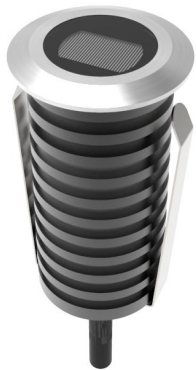
Product lists



Ground Light

Web Contents

EU1966



Material	SUS316+Aluminium
Surface	Polishing, wiredrawing, passivation, tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off, DMX dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



EU1966

Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
5	24VDC	280	C,W,N	80	Constant voltage	Parallel	1.1M 4x0.5mm²	10X40	EU1966DMX-5W

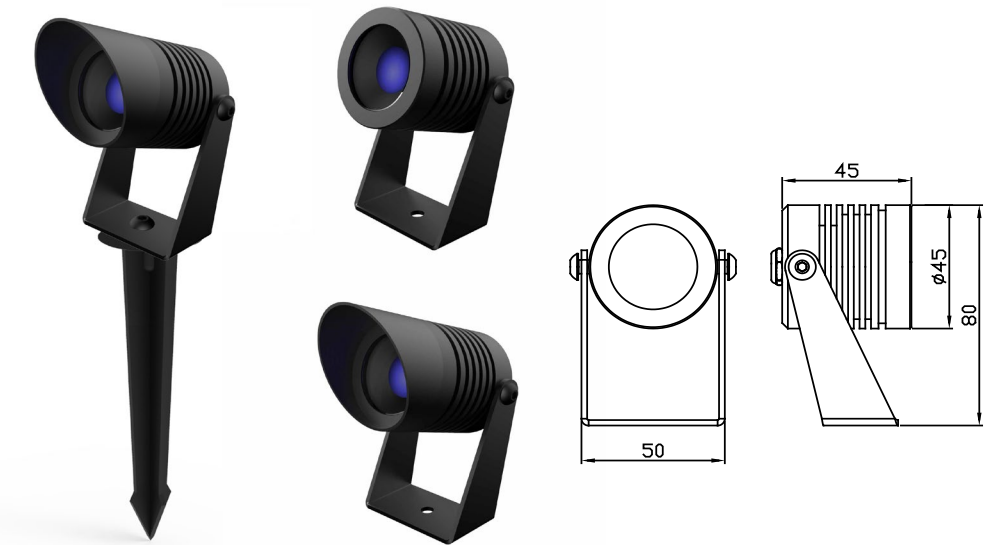
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

Product lists



Photo	Model	Power(W)	Beam(°)	Color(K)	IP	Page
	EU3036	3	20/60	Monochrome	65	132/133 ▶
	EU3039-1	24	20/30/40/50/40X80	Monochrome/ FullColor	67	134/135 ▶
	EU3040	7.5	3	Monochrome	67	136/137 ▶
	EU3040B	7	15/24/36/50	Monochrome	67	138/139 ▶
	EU3060	3	20/60/120	Monochrome	65	140/141 ▶
	PL608	6.5	10/40	Monochrome/ FullColor	67	142/143 ▶
	PL612	24	10/20/40/60	Monochrome/ FullColor	67	144/145 ▶
	PL618	30	10/S20/40/F60	Monochrome/ FullColor	67	146/147 ▶
	PL624	24	10/S20/40/F60	Monochrome/ FullColor	67	148/149 ▶
	PL824	36	10/20/40/60	Monochrome/ FullColor	67	150/151 ▶
	EU3030-1	14	15/30/45/60	Monochrome	68	152/153 ▶
	EU3030-2	22	10/30/40/60	Monochrome	68	154/155 ▶
	EU3030-3	43	10/30/40/60	Monochrome	68	156/157 ▶
	EU2001	3	20/ 60	Monochrome/ FullColor	66	158/159 ▶
	EU2006	3	3	Monochrome	67	160/161 ▶
	RD085	3	8	Monochrome	67	162/163 ▶

EU3036



Material	Aluminium
Surface	Tinting
PowerMode	External, constant current/voltage
Installation	Screw installation, adjustable angle
Weight	
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

In a typical spotlight design. Finished to a high standard using anodized aluminum makes it suitable for both indoor and outdoor applications, construction rated to IP65 and configured to 12/45 degree beam options. Using an adjustable head and cowl design for low glare, means directing the light could not be easier. Maximum visual comfort for superior standards.

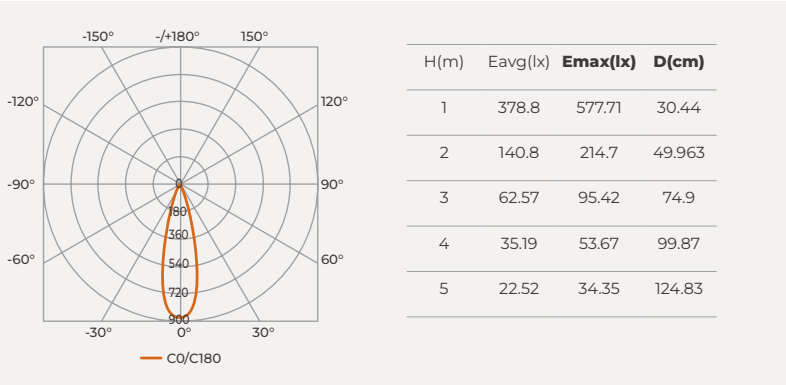


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	90	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M-2x0.75mm ²	20/60	EU3036D
3	24VDC	260	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	20/60	EU3036D-3W
1.3	24VDC	90	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	20/60	EU3036XD
3	24VDC	260	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	20/60	EU3036XD-3W
1.3	24VDC	90	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	20/60	EU3036X-SPD-3W
3	24VDC	260	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	20/60	EU3036X-SP-3W
1	350mA	90	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	20/60	EU3036
1	350mA	90	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	20/60	EU3036X
1	350mA	90	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	20/60	EU3036X-SP

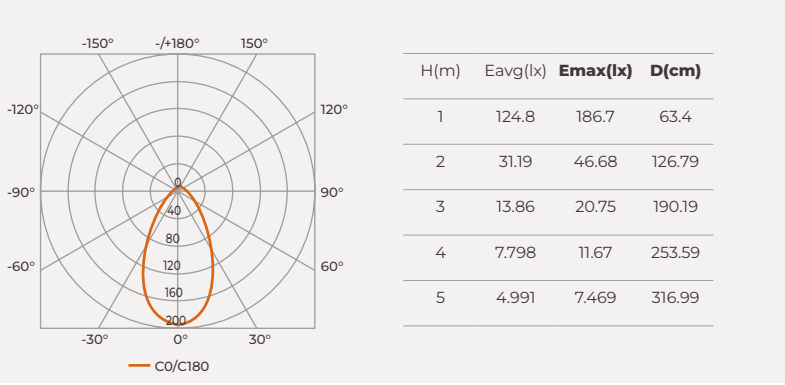
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀

EU3036 1W 4000K 20°



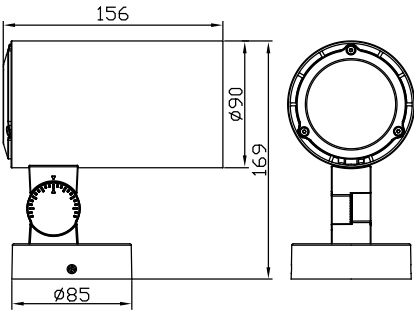
EU3036 1W 4000K 60°



EU3039-1

NEW!





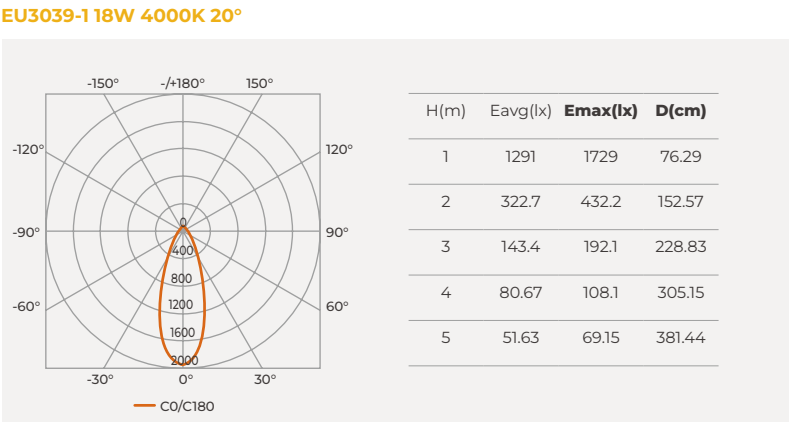
Material	Aluminium
Surface	Powder coating, painting, tinting
PowerMode	Constant voltage
Installation	Screw installation, adjustable angle
Weight	
Control	On/off, DMX dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



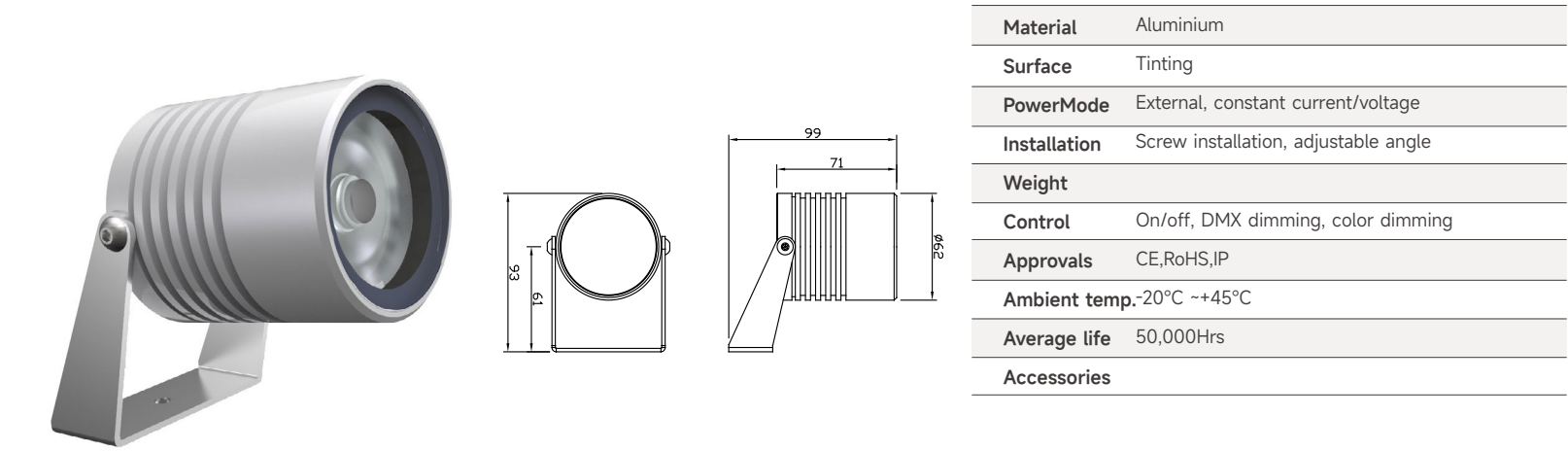
Power(w)	Input	Luminous Flux (lm)		Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
12	24VDC DMX	-		CCT ,RGBFC,RGBW-FC	-	Constant voltage	Parallel	1.1M 4x0.5mm²	20/30/40/50/40X80	EU3039-1DMX-12W
18	24VDC DMX	-		CCT ,RGBFC,RGBW-FC	-	Constant voltage	Parallel	1.1M 4x0.5mm²	20/30/40/50/40X80	EU3039-1DMX-18W
24	24VDC DMX	-		CCT ,RGBFC,RGBW-FC	-	Constant voltage	Parallel	1.1M 4x0.5mm²	20/30/40/50/40X80	EU3039-1DMX-24W
12	220VAC	1300		C,W,N	80	Constant voltage	Parallel	1.1M 3x1.0mm²	20/30/40/50/40X80	EU3039-1A-12W
18	220VAC	1900		C,W,N	80	Constant voltage	Parallel	1.1M 3x1.0mm²	20/30/40/50/40X80	EU3039-1A-18W
24	220VAC	2500		C,W,N	80	Constant voltage	Parallel	1.1M 3x1.0mm²	20/30/40/50/40X80	EU3039-1A-24W
27	220VAC	2800		C,W,N	80	Constant voltage	Parallel	1.1M 3x1.0mm²	20/30/40/50/40X80	EU3039-1A-27W

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;

Product lists



EU3040



Material	Aluminium
Surface	Tinting
PowerMode	External, constant current/voltage
Installation	Screw installation, adjustable angle
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Finished to a high standard using anodized aluminum makes it suitable for both indoor and outdoor applications, construction rated to IP67 and configured to 3 degree beam angle. No mechanical joints to light source ensures robust protection against water ingress. Product runs cool meeting all touch temperature requirements.

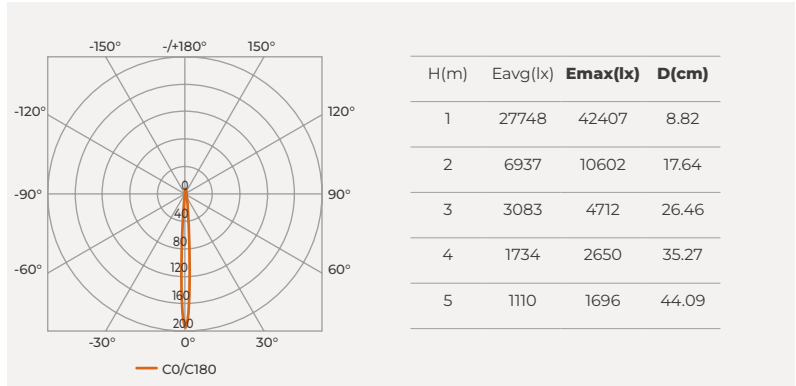


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
7.5	24VDC	600	C,W,N	80	Constant voltage	Parallel	1.1M 2x0.75mm²	3	EU3040D
7.5	24VDC	600	C,W,N	80	Constant voltage	Parallel	1.1M 4x0.5mm²	3	EU3040DMX
7	600mA@11.3V	600	C,W,N	80	Constant current	Series	1.1M 2x0.75mm²	3	EU3040

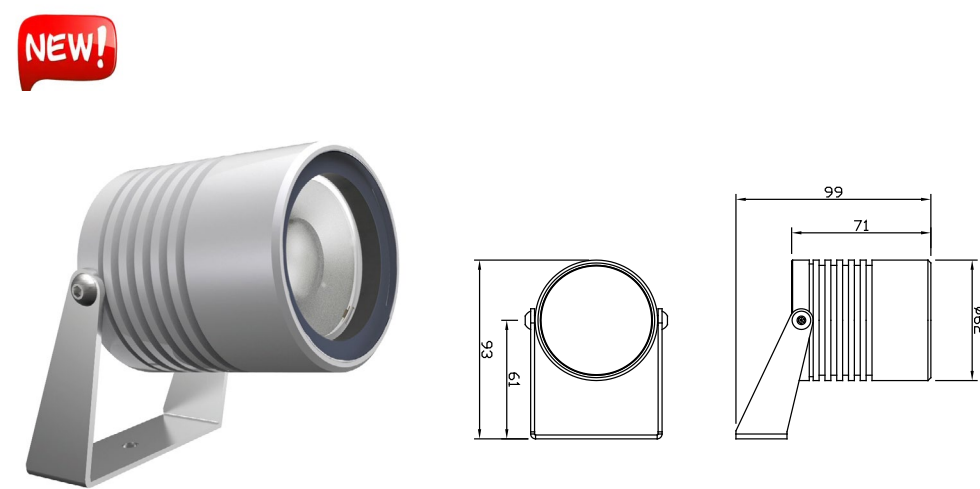
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

EU3040 4000K 3°



EU3040B



Material	Aluminium
Surface	Tinting
PowerMode	External, constant current/voltage
Installation	Screw installation, adjustable angle
Weight	
Control	On/off, DMX dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Finished to a high standard using anodized aluminum makes it suitable for both indoor and outdoor applications, construction rated to IP67 and configured to 15/24/36/50 degree beam angle. No mechanical joints to light source ensures robust protection against water ingress. Product runs cool meeting all touch temperature requirements.

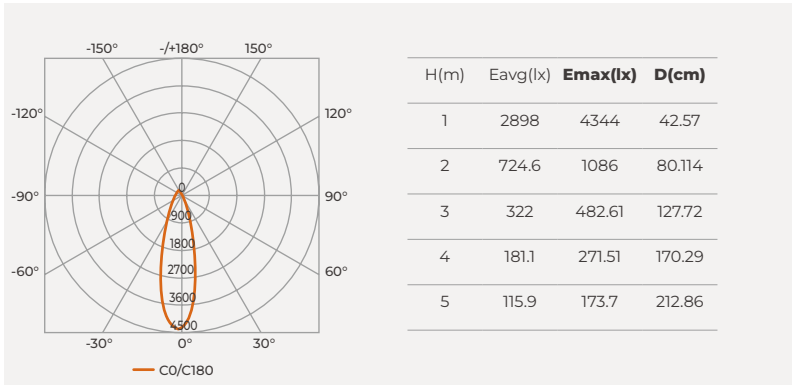


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
7.5	24VDC	800	C,W,N	80	Constant voltage	Parallel	1.1M 2x0.75mm²	15/24/36/50	EU3040BD
7.5	24VDC DMX	800	C,W,N	80	Constant voltage	Parallel	1.1M 2x0.5mm²	15/24/36/50	EU3040BDMX
7	600mA@11.3V	800	C,W,N	80	Constant current	Series	1.1M 2x0.75mm²	15/24/36/50	EU3040B

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

EU3040B 7W 4000K 20°

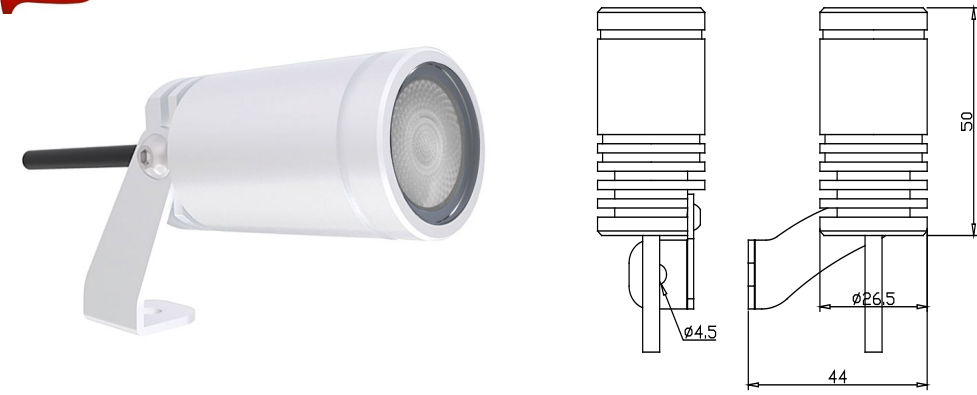


Spot Light

Web Contents

EU3060

NEW!



Material	Aluminium
Surface	Tinting
PowerMode	External, constant current/voltage
Installation	Screw installation, adjustable angle
Weight	
Control	On/off,
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Tempered glass. This anodized aluminum version of our ML105 provides a sleeker, less obtrusive presence in your garden. It gives you the choice of LED colors, wide or narrow beam angles and ±100° tilting head.



EU3060

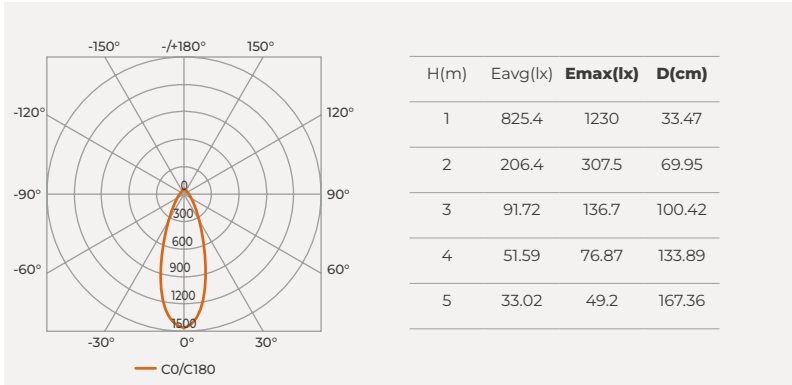
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	95	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	20/60/120	EU3060D
3	24VDC	210	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	20/60/120	EU3060D-3W
1	350mA	95	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm ²	20/60/120	EU3060

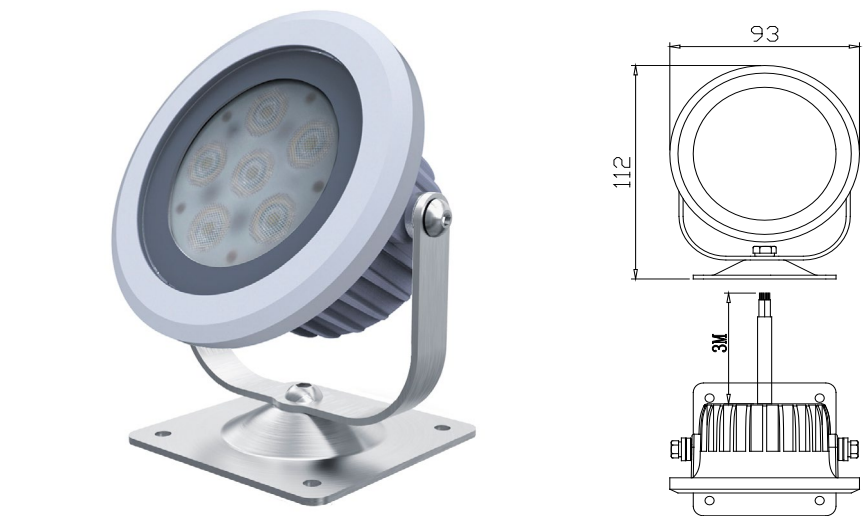
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

EU3060 3W 4000K 20°



PL608



Material	Aluminium
Surface	Powder coating, painting, tinting
PowerMode	External, constant current/voltage
Installation	Screw installation, adjustable angle
Weight	0.3kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Bar stock aluminum surface mounted projector complete with Integral CREE LED(6pcs)package.Tempered glass,fixture rated to IP67 and configured to 10/40 degree beam options.NO mechanical joints to light source ensures robust protection against water ingress.Product runs cool meeting all touch temperature requirements.suitable for the illumination of small/medium trees,building exteriors,columns.

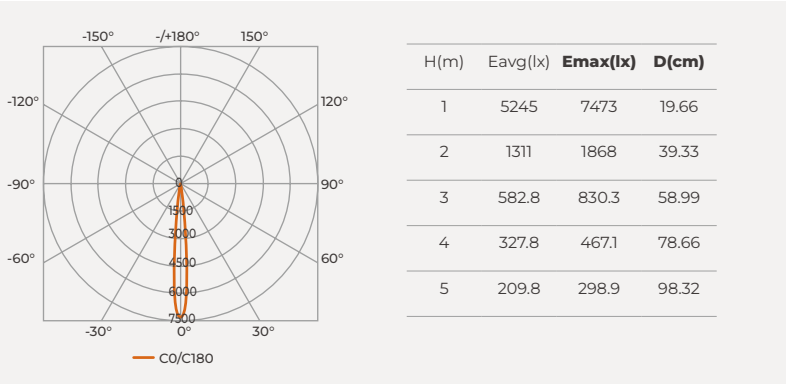


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
6.5	24VDC	500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	10/40	PL608D
6.5	24VDC DMX	-	2R+2G+2B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	PL608DMX-RGB
6.5	24VDC DMX	-	RGB(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	PL608DMX-RGB
6.5	24VDC DMX	-	RGBW(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/40	PL608DMX-RGBW
6	350mA	500	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	10/40	PL608
6	350mA	-	2R+2G+2B	-	Constant current	Series	2x1.1M 4x0.5mm ²	10/40	PL608RGB

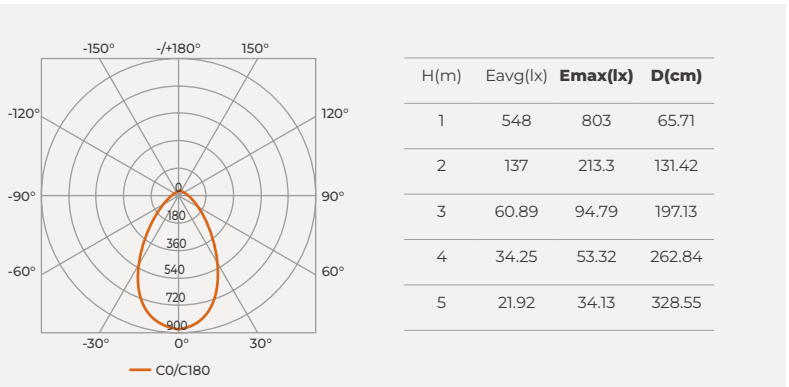
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

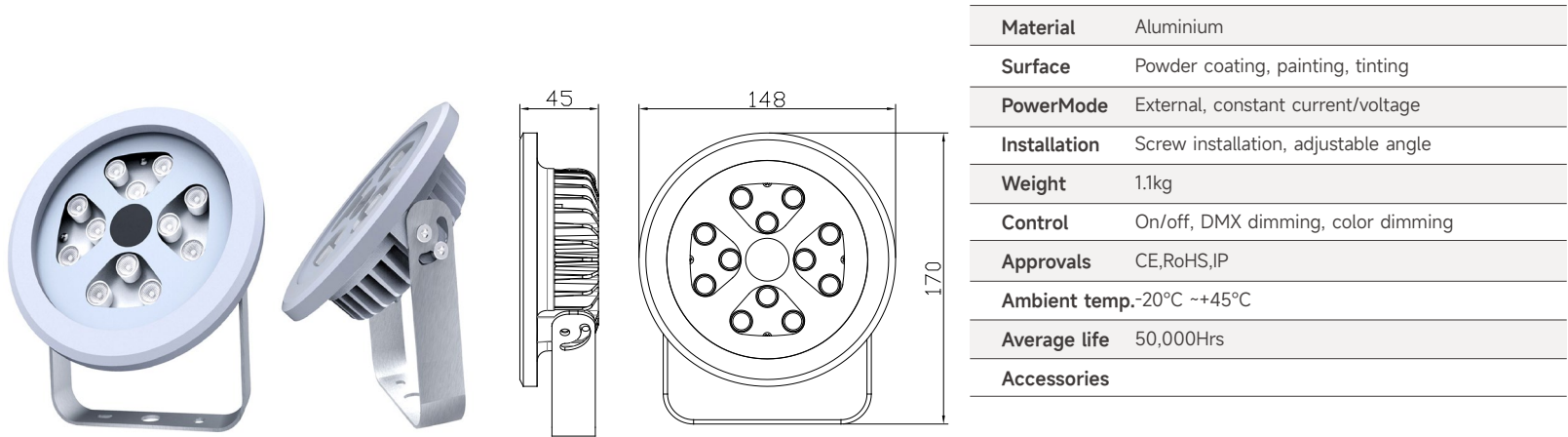
PL608 6.5W 4000K 10°



PL608 6.5W 4000K 40°



PL612



Material	Aluminium
Surface	Powder coating, painting, tinting
PowerMode	External, constant current/voltage
Installation	Screw installation, adjustable angle
Weight	1.1kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Bar stock aluminum surface mounted projector complete with Integral CREE LED(12pcs)package.Tempered glass,fixture rated to IP67 and configured to 10/20/40/60 degree beam options.NO mechanical joints to light source ensures robust protection against water ingress.Product runs cool meeting all touch temperature requirements.suitable for the illumination of small/medium trees,building exteriors,columns.

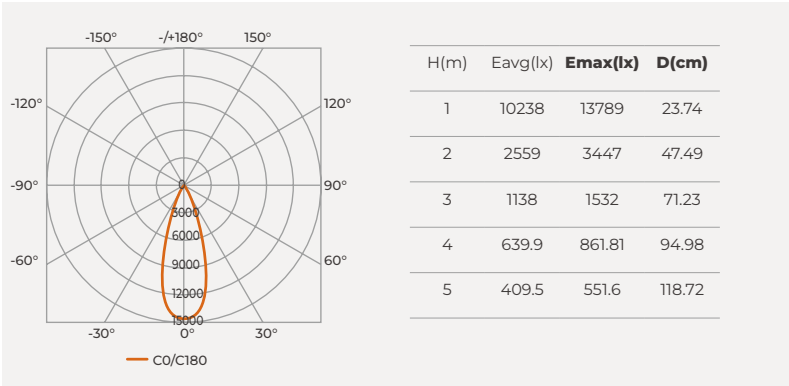


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
13	24VDC	1300	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	10/20/40/60	PL612D
13	24VDC DMX	-	4R+4G+4B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL612DMX-RGB
13	24VDC DMX	-	RGB(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL612DMX-RGB-FC
13	24VDC DMX	-	RGBW(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL612DMX-RGBW
24	24VDC DMX	-	4R+4G+4B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL612DMX-RGB
24	24VDC DMX	-	RGB(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL612DMX-RGB-FC
24	24VDC DMX	-	RGBW(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL612DMX-RGBW
12	350mA	1300	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	10/20/40/60	PL612
12	350mA	-	4R+4G+4B	-	Constant current	Series	2x1.1M 4x0.5mm ²	10/20/40/60	PL612RGB

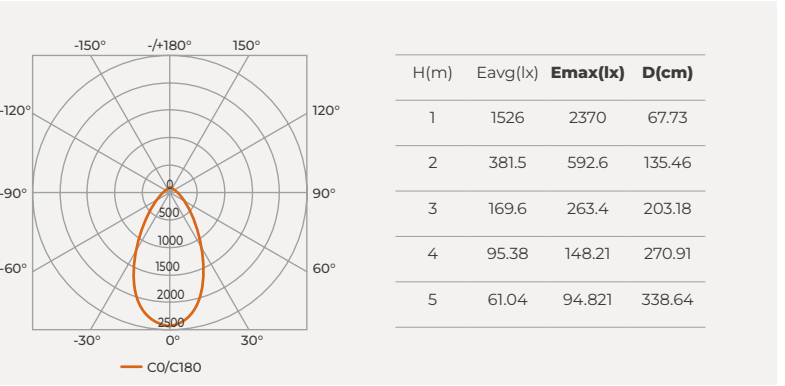
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

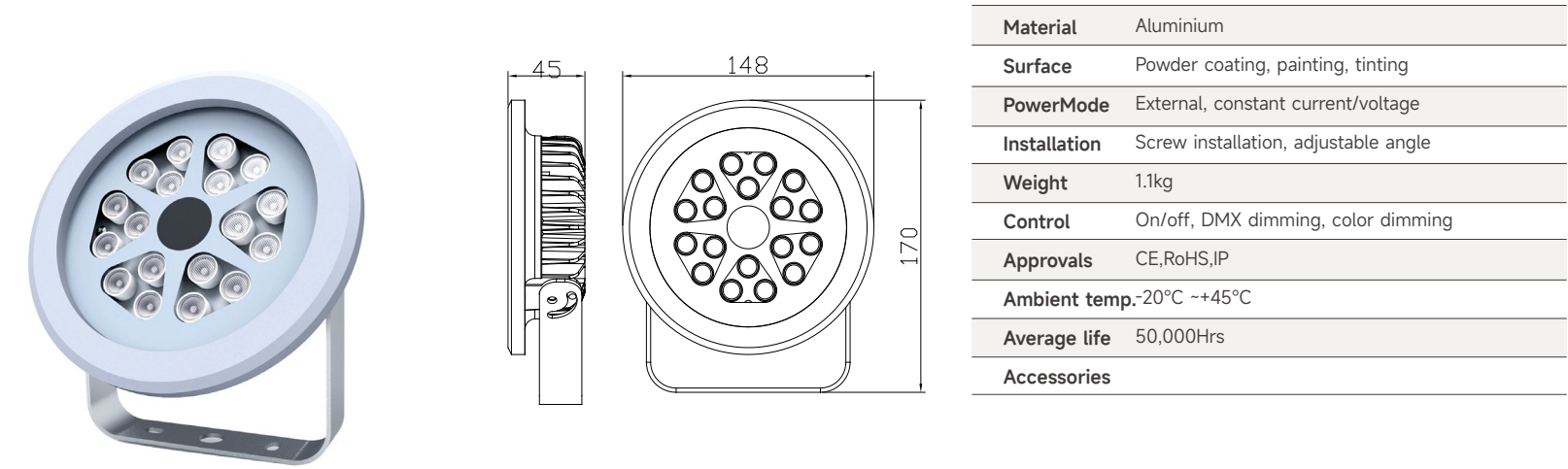
PL612 12W 4000K 20°



PL612 12W 4000K 60°



PL618



Bar stock aluminum surface mounted projector complete with Integral CREE LED(18pcs)package.Tempered glass ,fixture rated to IP67 and configured to 10/20/40/60 degree beam options.NO mechanical joints to light source ensures robust protection against water ingress.Product runs cool meeting all touch temperature requirements.suitable for the illumination of small/medium trees,building exteriors ,columns.

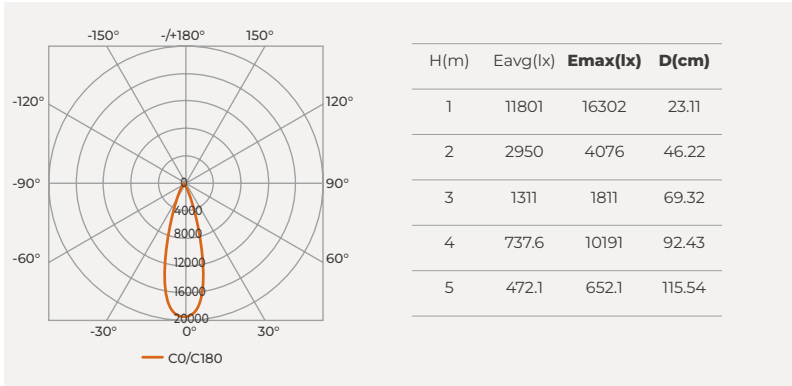


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
20	24VDC	1700	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	10/20/40/60	PL618D
20	24VDC DMX	-	6R+6G+6B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL618DMX-RGB
20	24VDC DMX	-	RGB(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL618DMX-RGB-FC
20	24VDC DMX	-	RGBW(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL618DMX-RGBW
30	24VDC DMX	-	6R+6G+6B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL618DMX-RGB
30	24VDC DMX	-	RGB(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL618DMX-RGB-FC
30	24VDC DMX	-	RGBW(Fullcolor)	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL618DMX-RGBW
18	350mA	1700	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	10/20/40/60	PL618
18	350mA	-	6R+6G+6B	-	Constant current	Series	2x1.1M 4x0.5mm ²	10/20/40/60	PL618RGB

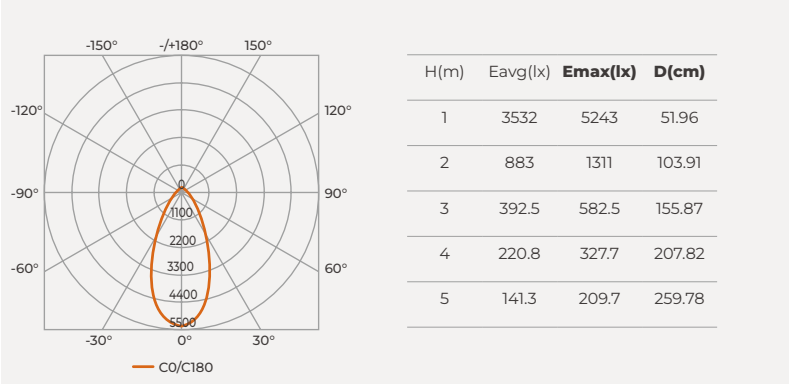
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately . [page256/257](#)

Product lists

PL618 18W 4000K 20°



PL618 18W 4000K 60°



PL624



Material	Aluminium
Surface	Powder coating, painting, tinting
PowerMode	External, constant current/voltage
Installation	Screw installation, adjustable angle
Weight	1.7kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Bar stock aluminum surface mounted projector complete with integral CREE LED(24pcs) package.Tempered glass, fixture rated to IP67 and configured to 10/20/40/60 degree beam options. No mechanical joints to light source ensures robust protection against water ingress. Product runs cool meeting all touch temperature requirements. Suitable for the illumination of small/medium trees, building exteriors, columns.

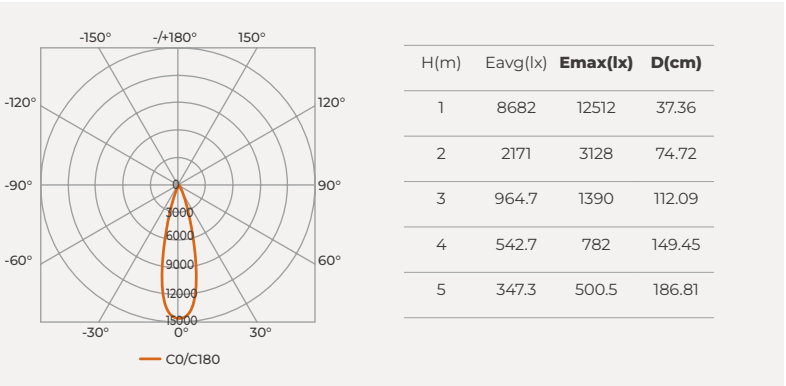


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
26	24VDC	2200	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	10/20/40F60	PL624D
26	24VDC DMX	-	8R+8G+8B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL624DMX-RGB
36	24VDC DMX	-	8R+8G+8B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL624DMX-RGB
36	24VDC DMX	-	RGBW	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL624DMX-RGBW
24	350mA	2200	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	10/20/40/60	PL624
24	350mA	-	8R+8G+8B	-	Constant current	Series	2x1.1M 4x0.5mm ²	10/20/40/60	PL624RGB

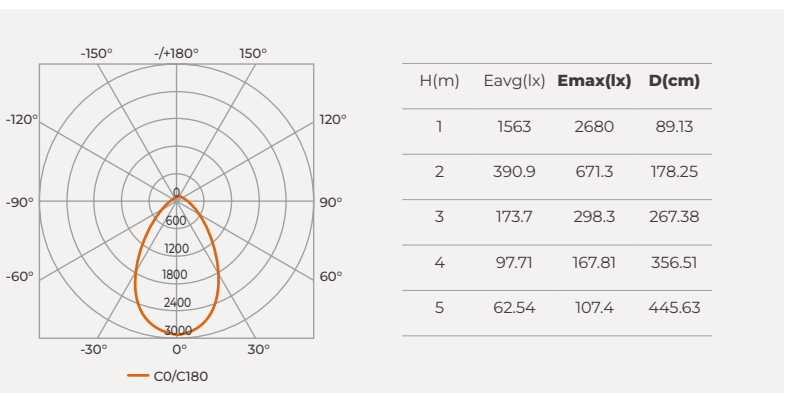
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀

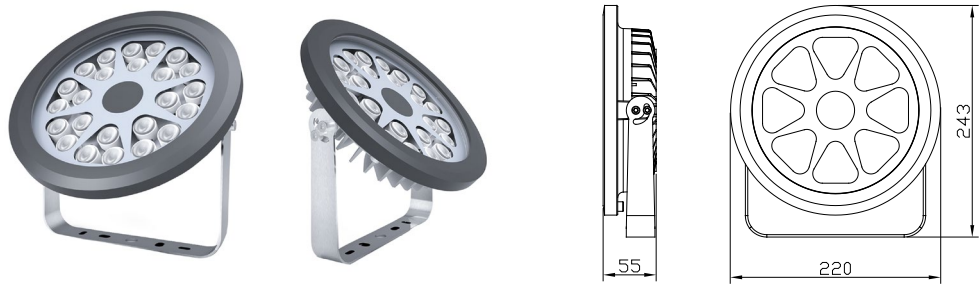
PL624 24W 4000K 20°



PL624 24W 4000K 60°



PL824



Material	Aluminium
Surface	Powder coating, painting, tinting
PowerMode	External, constant current/voltage
Installation	Screw installation, adjustable angle
Weight	2.8kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Bar stock aluminum surface mounted projector complete with Integral CREE LED(24pcs)package.Tempered glass,fixture rated to IP67 and configured to 10/20/40/60 degree beam options. No mechanical joints to light source ensures robust protection against water ingress.Product runs cool meeting all touch temperature requirements.suitable for the illumination of small/medium trees,building exteriors,columns.

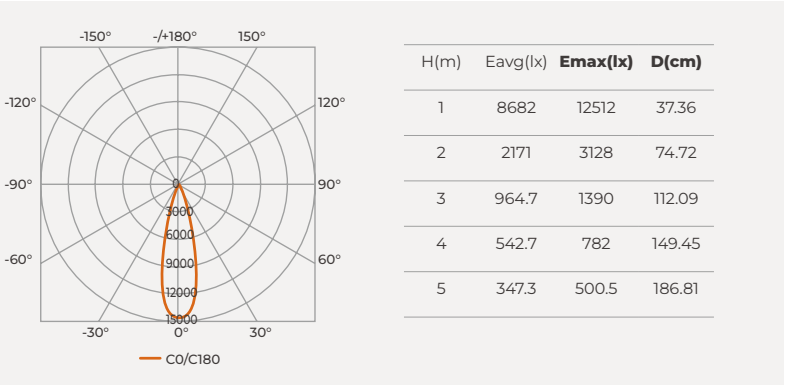


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
26	24VDC	2200	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	10/20/40/60	PL824D
26	24VDC DMX	-	8R+8G+8B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL824DMX-RGB
36	24VDC DMX	-	8R+8G+8B	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL824DMX-RGB
36	24VDC DMX	-	RGBW	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	10/20/40/60	PL824DMX-RGBW
24	350mA	2200	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	10/20/40/60	PL824
24	350mA	-	8R+8G+8B	-	Constant current	Series	2x1.1M 4x0.5mm ²	10/20/40/60	PL824RGB

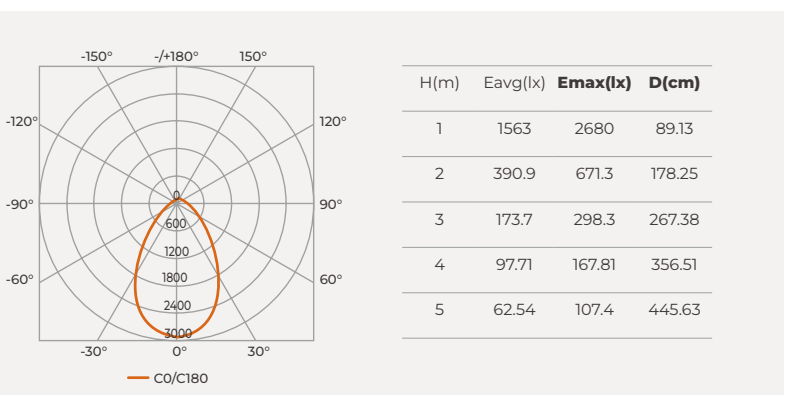
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀

PL824 24W 4000K 20°



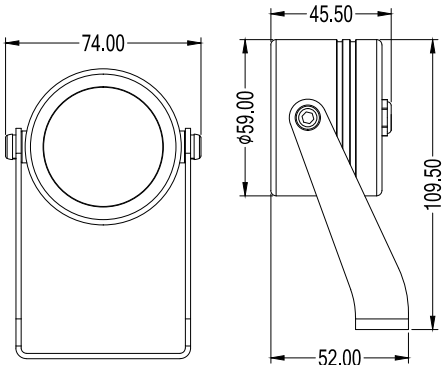
PL824 24W 4000K 60°



Spot Light

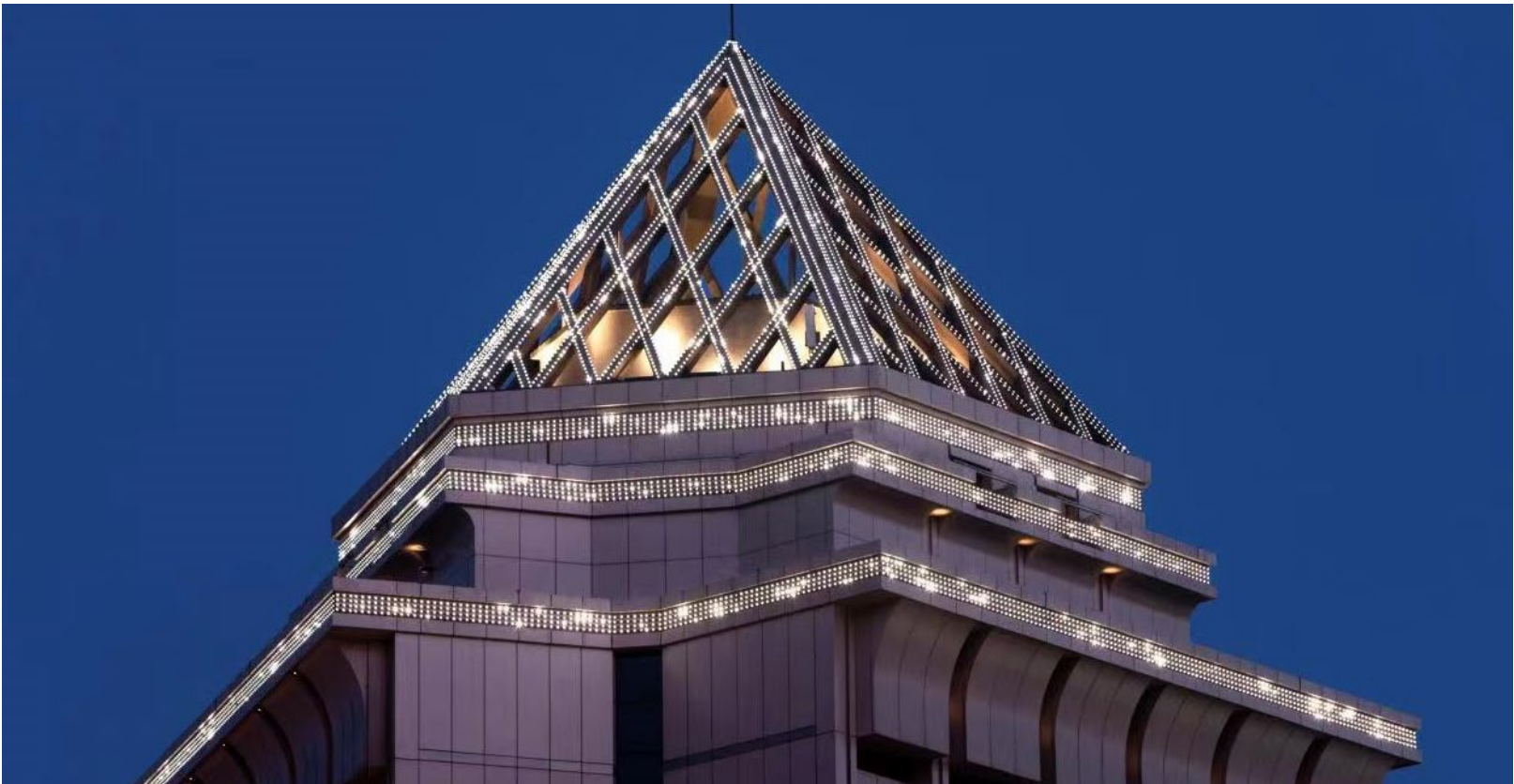
Web Contents

EU3030-1



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Screw installation,adjustable angle
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;



EU3030-1

Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
7	24VDC	570-730	C,W,N	80	Constant voltage	Parallel	1.1M 2X0.75mm²	15/30/45/60	EU3030-1D-7W
14	24VDC	730-940	C,W,N	80	Constant voltage	Parallel	1.1M 2X0.75mm²	15/30/45/60	*EU3030-1D-14W

*Underwater use only
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

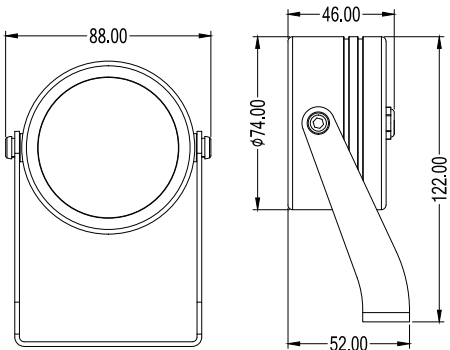


Spot Light

Web Contents

EU3030-2

NEW!



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Screw installation,adjustable angle
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;



EU3030-2

Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
14W	24VDC	2250-2900	C,W,N	80	Constant voltage	Parallel	1.1M 2X0.75mm²	10/30/40/60	EU3030-2D-14W
22W	24VDC	3050-3890	C,W,N	80	Constant voltage	Parallel	1.1M 2X0.75mm²	10/30/40/60	*EU3030-2D-22W

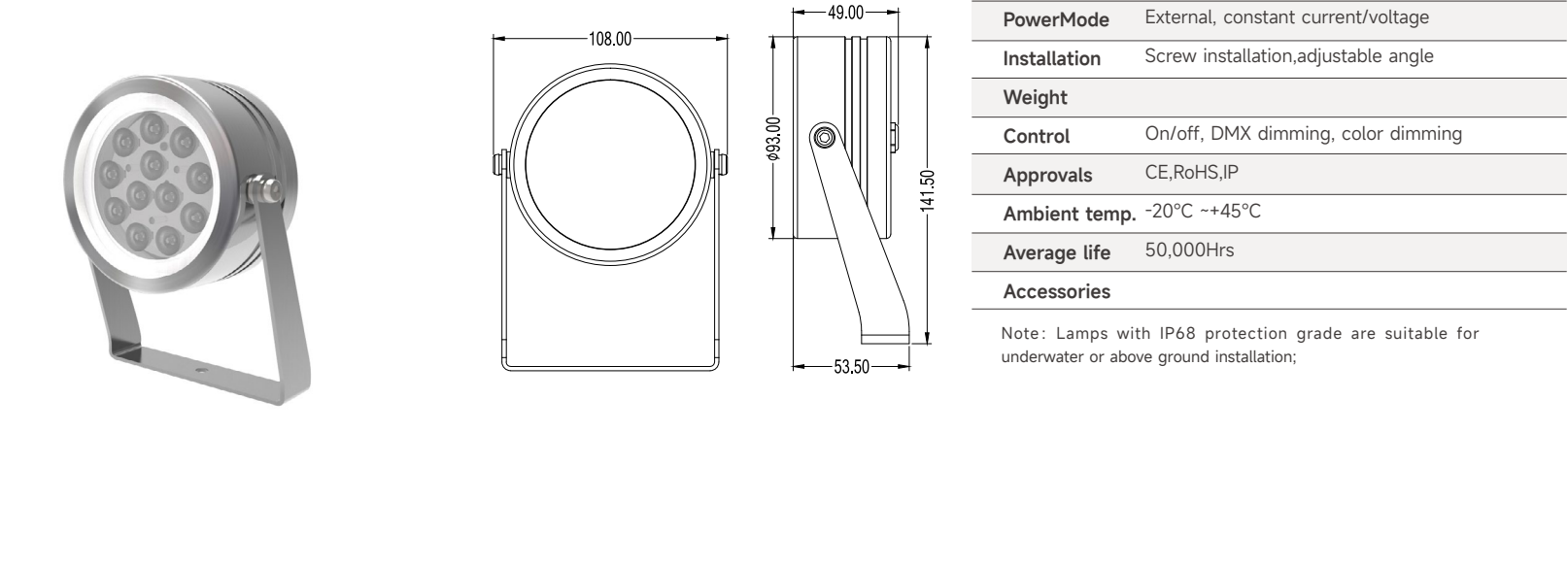
*Underwater use only

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately . [page256/257](#)

Product lists



EU3030-3



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Screw installation,adjustable angle
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;



Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
27W	24VDC	570-730	C,W,N	80	Constant voltage	Parallel	1.1M 2X0.75mm²	10/30/40/60	EU3030-3D-27W
43W	24VDC	730-940	C,W,N	80	Constant voltage	Parallel	1.1M 2X0.75mm²	10/30/40/60	*EU3030-3D-43W

*Underwater use only

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately . [page256/257](#)

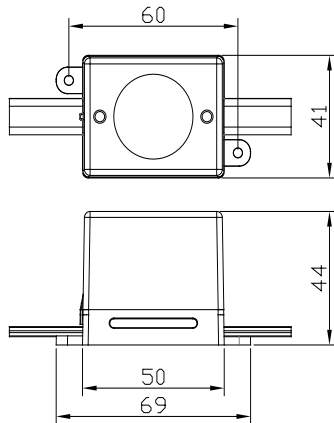
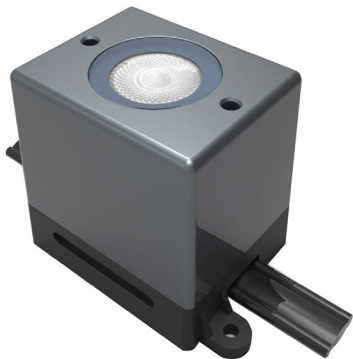
Product lists



Spot Light

Web Contents

EU2001



Material	Aluminium
Surface	Powder coating, painting
PowerMode	External, constant voltage
Installation	Screw installation
Weight	0.15kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Square recessed fixture complete with integral CREE LED package and 20/60 degree beam option. Tempered glass, Aluminum option with construction rated to IP66. Small Product footprint ensures versatile application. Easy to install into the panels.



EU2001

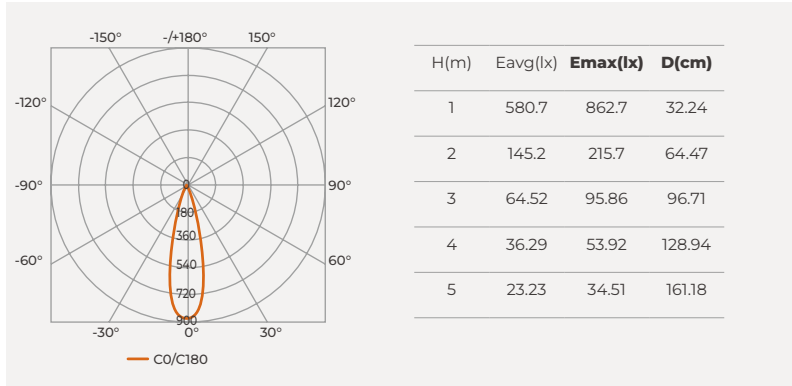
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
2	24VDC DMX	150	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x1.0+4x0.2mm ²	20/ 60	EU2001D
2	24VDC DMX	150	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x1.0+4x0.2mm ²	20/ 60	EU2001DMX
3	24VDC DMX	-	RGB,RGBW	-	Constant voltage	Parallel	0.5M 2x1.0+4x0.2mm ²	20/ 60	EU2001DMX

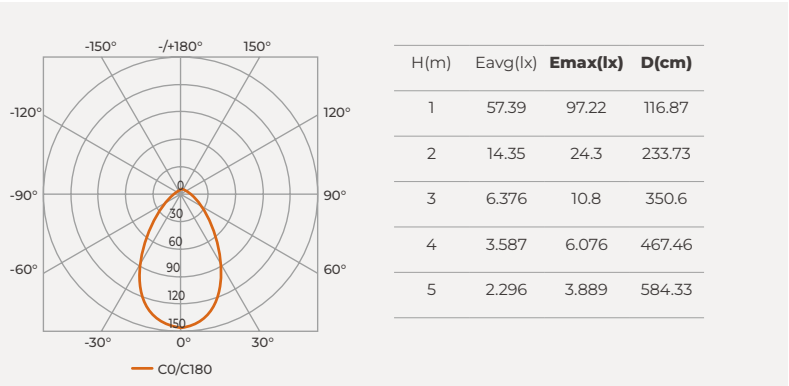
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

Product lists

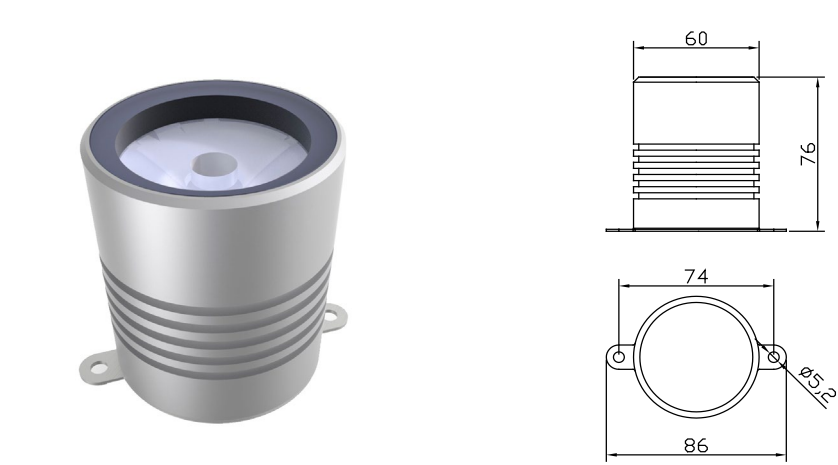
EU2001D 2W 4000K 20°



EU2001D 2W 4000K 60°

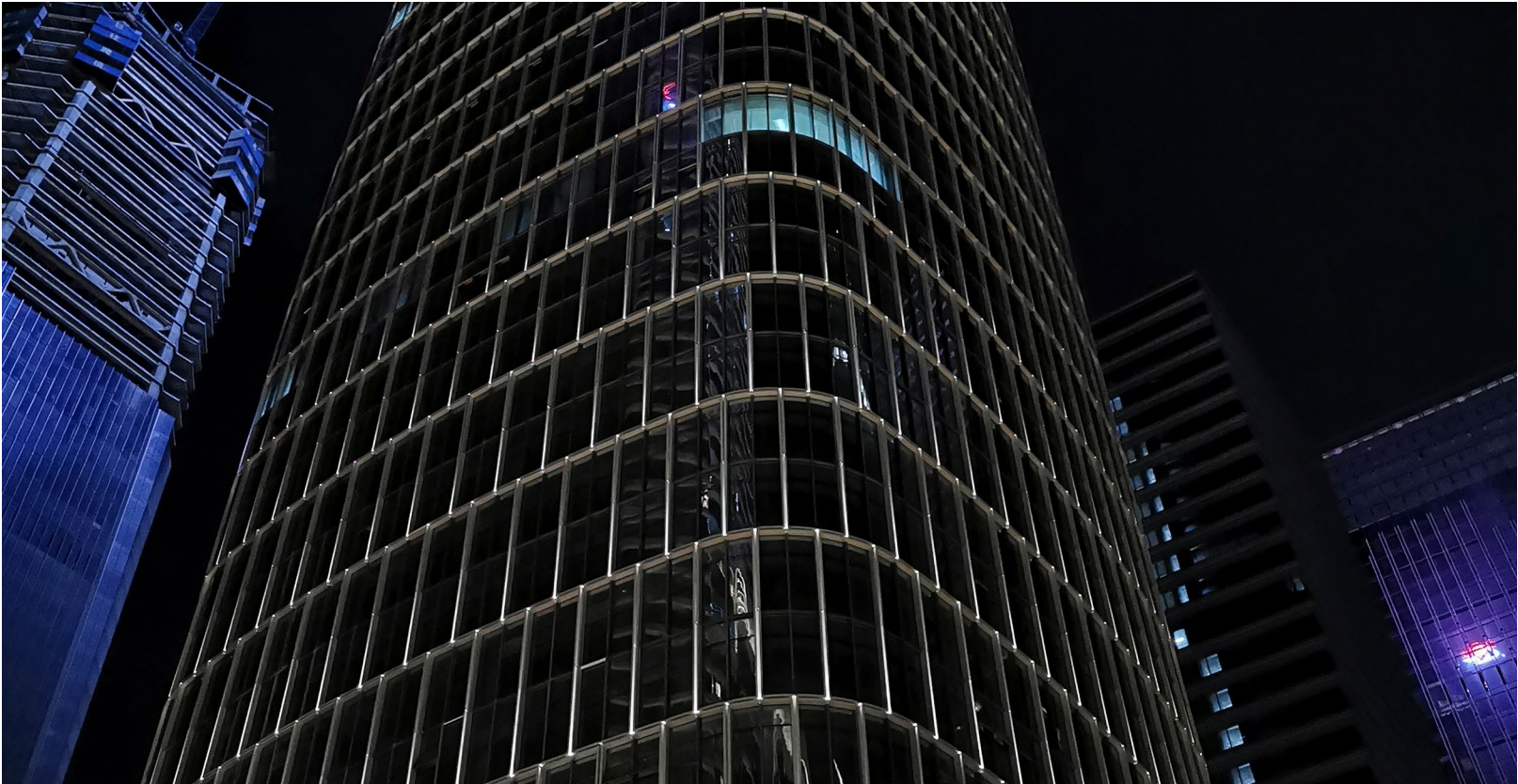


EU2006



Material	Aluminium
Surface	Tinting
PowerMode	External, constant current/voltage
Installation	Screw installation
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Finished to a high standard using anodized aluminum makes it suitable for both indoor and outdoor applications, construction rated to IP67 and configured to 3 degree beam angle.

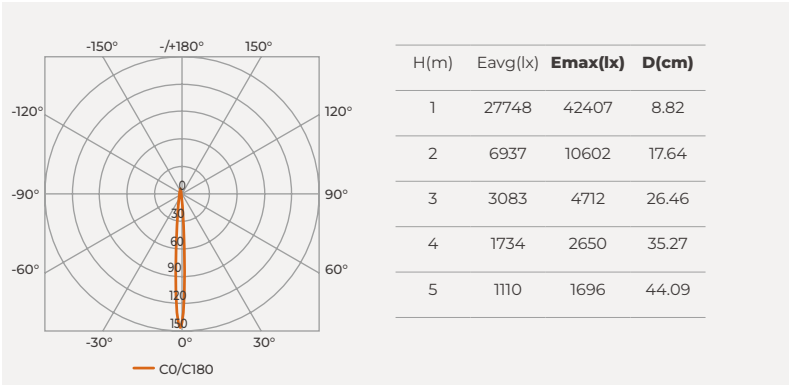


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
7.5	24VDC	600	C,W,N	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	3	EU2006D
7.5	24VDC DMX	600	C,W,N	80	Constant voltage	Parallel	1.1M 4x0.5mm ²	3	EU2006DMX
7	600mA@11.3V	600	C,W,N	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	3	EU2006

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

[Product lists](#)

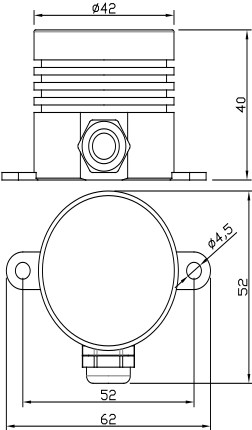
EU2006 7W 4000K 3°



Spot Light

Web Contents

RD085



Material	Aluminium
Surface	Tinting
PowerMode	External, constant current/voltage
Installation	Screw installation
Weight	
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



RD085

Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
3	24VDC	150	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2-0.2M 2x1.0mm ² +3x0.3	8	RD085DMX

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;

Product lists



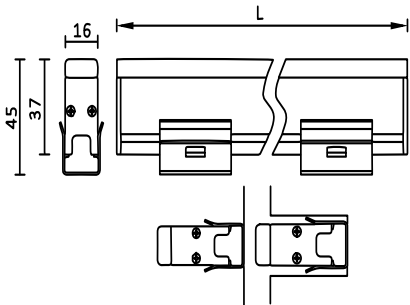


Photo	Model	Power(W)	Beam(°)	Color(K)	IP	Page
	EU2004	15	120	Monochrome/FullColor	65	166/167 ▶
	EU2007	12	120	Monochrome/FullColor	65	168/169 ▶
	EU2008	12	120	Monochrome/FullColor	65	170/171 ▶
	EU2011	24	15/20/30/45/60/10*60	Monochrome/FullColor	65	172/173 ▶
	EU2012	36	15/20/30/45/60/10*60	Monochrome/FullColor	65	174/175 ▶
	EU2018	48	15/20/30/45/60/10*60	Monochrome/FullColor	65	176/177 ▶
	EU2009	12	120	Monochrome/FullColor	65	178/179 ▶
	EU2009HP	18	10/20/30/60/10*40	Monochrome/FullColor	65	180/181 ▶
	LL700	26	15/20/30/45/60/10*60	Monochrome/FullColor	67	182/183 ▶
	LL710	26	15/20/30/45/60/10*60	Monochrome/FullColor	67	184/185 ▶

Line Light

Web Contents

EU2004



Material	Aluminium
Surface	Tinting
PowerMode	External, constant voltage
Installation	Screw installation
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



EU2004

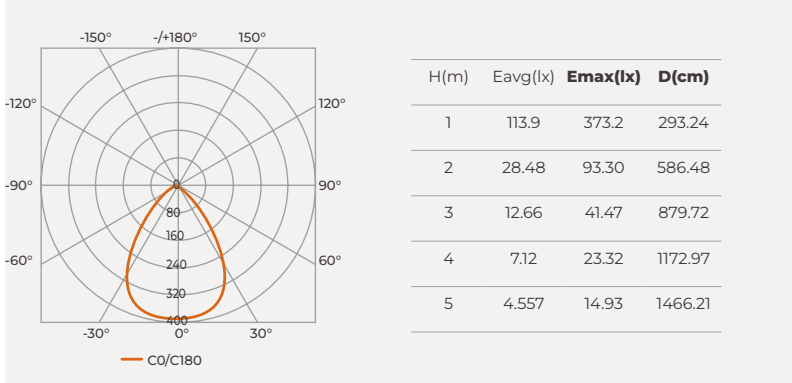
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
12	24VDC	450	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.3M 2*1.0mm ² Plug	120	EU2004D-1M-12W
12	24VDC	450	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.3M 2x1.0mm ² +3x0.3mm ² Plug	120	EU2004DMX-1M-12W
15	24VDC	550	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.3M 2*1.0mm ² Plug	120	EU2004D-1M-15W
15	24VDC	-	RGB,RGBW	80	Constant voltage	Parallel	2x0.3M 2x1.0mm ² +3x0.3mm ² Plug	120	EU2004DMX-1M-15W
12	24VDC	-	RGB,RGBW	80	Constant voltage	Parallel	2x0.3M 2x1.0mm ² +3x0.3mm ² Plug	120	EU2004DMX-1M-12W
15	24VDC	-	RGB,RGBW	80	Constant voltage	Parallel	2x0.3M 2x1.0mm ² +3x0.3mm ² Plug	120	EU2004DMX-1M-15W

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

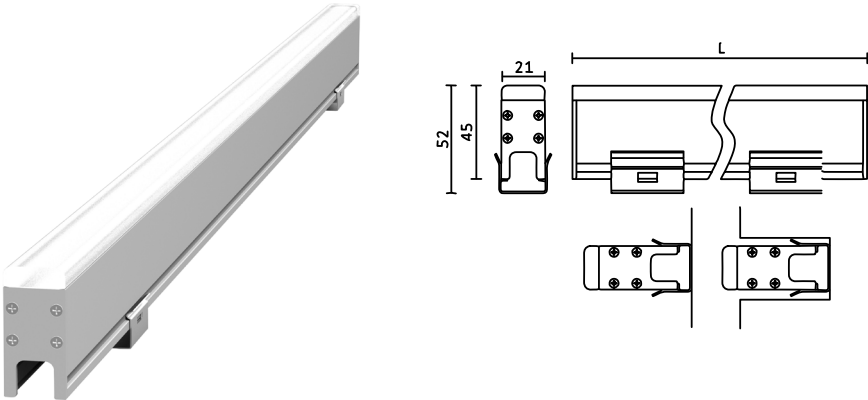
EU2008 12W 4000K 120°



Line Light

Web Contents

EU2007



Material	Aluminium
Surface	Tinting
PowerMode	External, constant voltage
Installation	Screw installation
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



EU2007

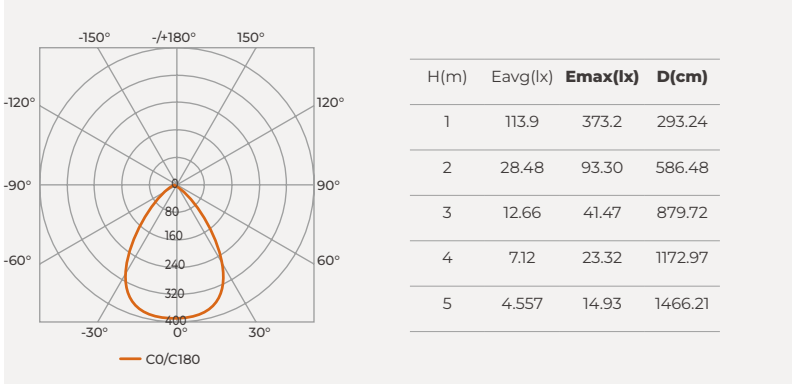
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
12	24VDC	450	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.3M 2*1.0mm² Plug	120	EU2007D-1M-12W
12	24VDC	450	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.3M 2x1.0mm²+3x0.3mm² Plug	120	EU2007DMX-1M-12W
12	24VDC	450	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.3M 2x1.0mm²+3x0.3mm² Plug	120	EU2007DMX-1M-15W
12	24VDC	-	RGB,RGBW	80	Constant voltage	Parallel	2x0.3M 2x1.0mm²+3x0.3mm² Plug	120	EU2007DMX-1M-12W
12	24VDC	-	RGB,RGBW	80	Constant voltage	Parallel	2x0.3M 2x1.0mm²+3x0.3mm² Plug	120	EU2007DMX-1M-15W

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

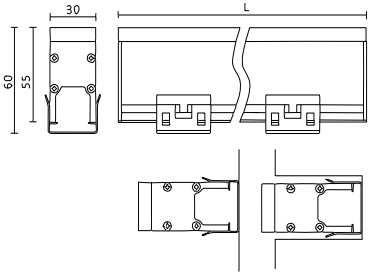
EU2008 12W 4000K 120°



Line Light

Web Contents

EU2008



Material	Aluminium
Surface	Tinting
PowerMode	External, constant voltage
Installation	Screw installation
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



EU2008

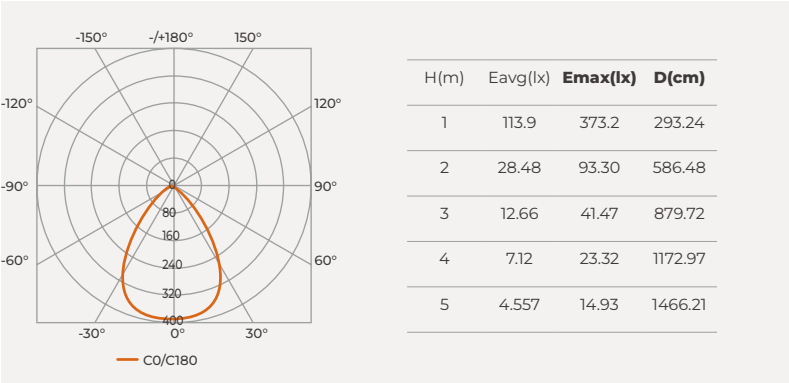
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
12	24VDC	450	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.3M 2*1.0mm² Plug	120	EU2008D-1M-12W
12	24VDC	450	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.3M 2x1.0mm²+3x0.3mm² Plug	120	EU2008DMX-1M-12W
12	24VDC	-	RGB,RGBW	80	Constant voltage	Parallel	2x0.3M 2x1.0mm²+3x0.3mm² Plug	120	EU2008DMX-1M-12W

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

EU2008 12W 4000K 120°

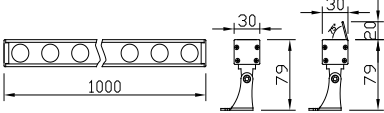


EU2011

NEW!



EU2011J



EU2011J3

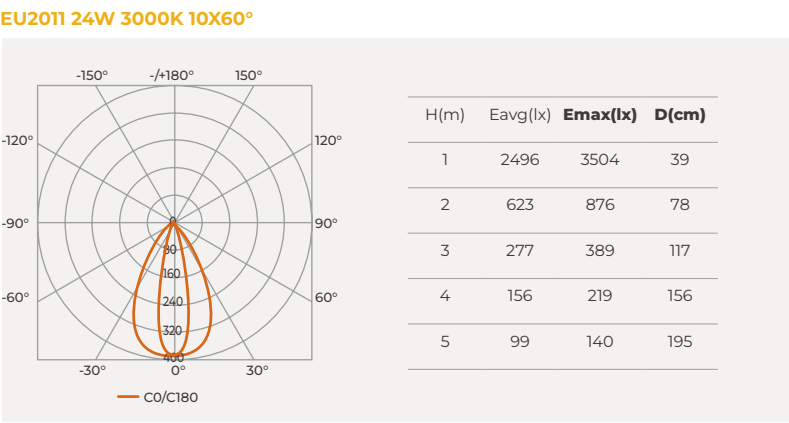
Material	Aluminium
Surface	Powder coating, painting, tinting
PowerMode	External, constant voltage
Installation	Screw installation, adjustable angle
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
18	24VDC	1100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.15M 2*1.0mm² Plug	15/20/30/45/60/10*60	EU2011D-1M-18W
18	24VDC	1100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.15M 2x1.0mm²+3x0.3mm² Plug	15/20/30/45/60/10*60	EU2011DMX-1M-18W
18	24VDC	-	RGB,RGBW	80	Constant voltage	Parallel	2x0.15M 2x1.0mm²+3x0.3mm² Plug	15/20/30/45/60/10*60	EU2011DMX-1M-18W
24	24VDC	1500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.15M 2*1.0mm² Plug	15/20/30/45/60/10*60	EU2011D-1M-24W
24	24VDC	1500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.15M 2x1.0mm²+3x0.3mm² Plug	15/20/30/45/60/10*60	EU2011DMX-1M-24W
24	24VDC	-	RGB,RGBW	80	Constant voltage	Parallel	2x0.15M 2x1.0mm²+3x0.3mm² Plug	15/20/30/45/60/10*60	EU2011DMX-1M-24W
24	24VDC	1500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.15M 2*1.0mm² Plug	15/20/30/45/60/10*60	EU2011JD-1M-24W

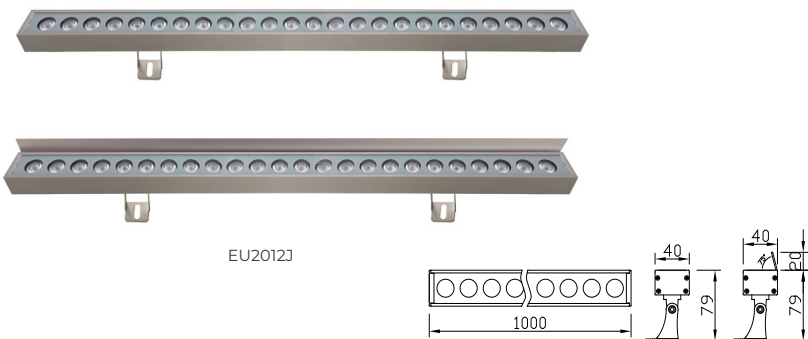
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists



EU2012

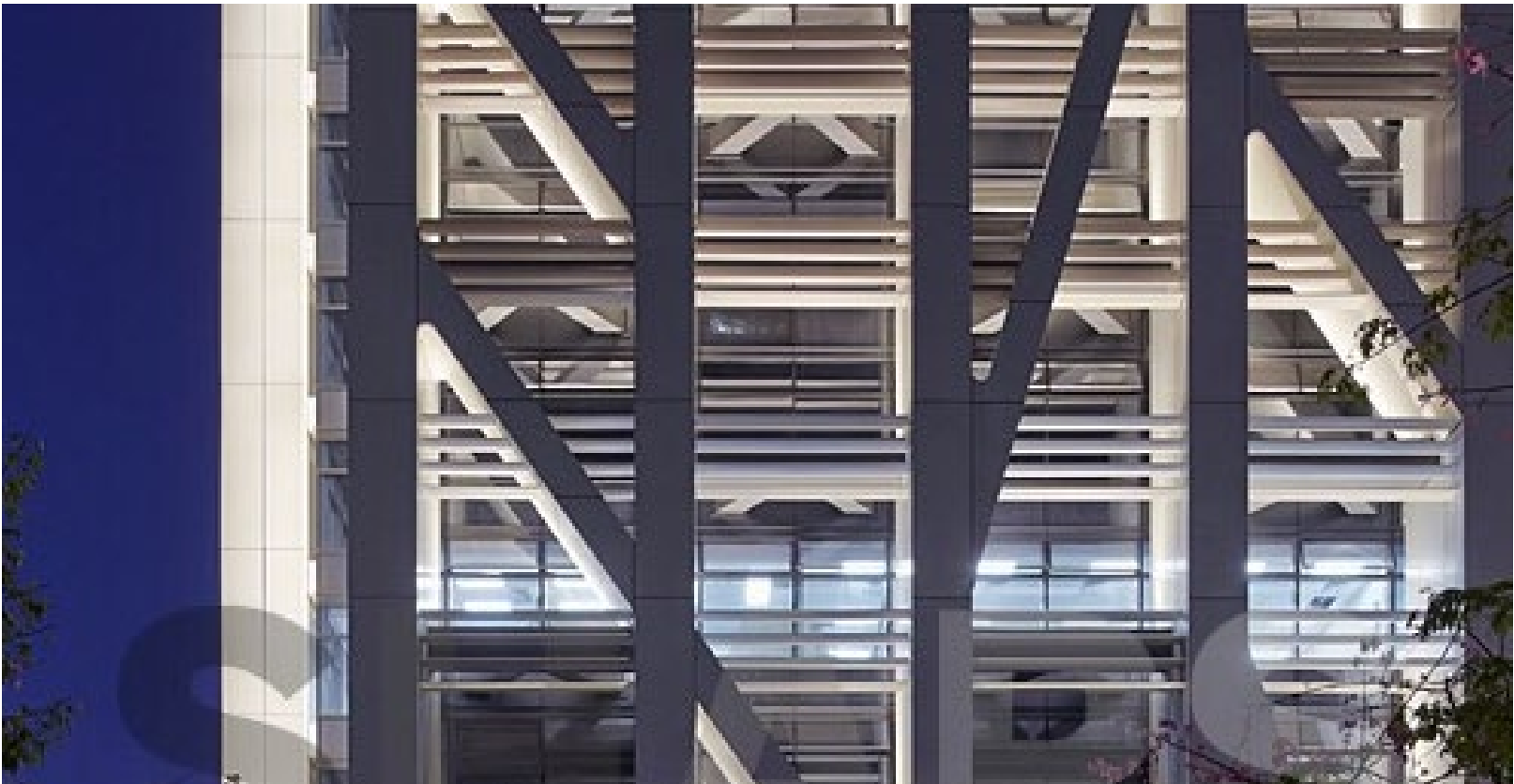
NEW!



EU2012J

Material	Aluminium
Surface	Powder coating, painting, tinting
PowerMode	External, constant voltage
Installation	Screw installation, adjustable angle
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

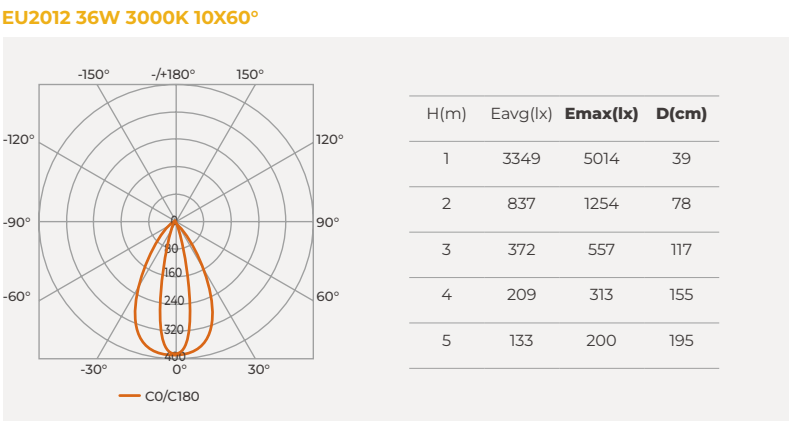
EU2012J



Power(w)	Input	Luminous Flux (lm)		Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
18	24VDC	1100		C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.15M 2*1.0mm² Plug	15/20/30/45/60/10*60	EU2012D-1M-18W
18	24VDC	1100		C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.15M 2x1.0mm²+3x0.3mm² Plug	15/20/30/45/60/10*60	EU2012DMX-1M-18W
18	24VDC	-		RGB,RGBW	80	Constant voltage	Parallel	2x0.15M 2x1.0mm²+3x0.3mm² Plug	15/20/30/45/60/10*60	EU2012DMX-1M-18W
24	24VDC	1500		C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.15M 2*1.0mm² Plug	15/20/30/45/60/10*60	EU2012D-1M-24W
24	24VDC	1500		C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.15M 2x1.0mm²+3x0.3mm² Plug	15/20/30/45/60/10*60	EU2012DMX-1M-24W
24	24VDC	-		RGB,RGBW	80	Constant voltage	Parallel	2x0.15M 2x1.0mm²+3x0.3mm² Plug	15/20/30/45/60/10*60	EU2012DMX-1M-24W
36	24VDC	1500		C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.15M 2*1.0mm² Plug	15/20/30/45/60/10*60	EU2012D-1M-36W
36	24VDC	1500		C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.15M 2x1.0mm²+3x0.3mm² Plug	15/20/30/45/60/10*60	EU2012DMX-1M-36W
36	24VDC	-		RGB,RGBW	80	Constant voltage	Parallel	2x0.15M 2x1.0mm²+3x0.3mm² Plug	15/20/30/45/60/10*60	EU2012DMX-1M-36W
36	24VDC	1500		C,W,N,R,G,B,A	80	Constant voltage	Parallel	2x0.15M 2*1.0mm² Plug	15/20/30/45/60/10*60	EU2012JD-1M-36W

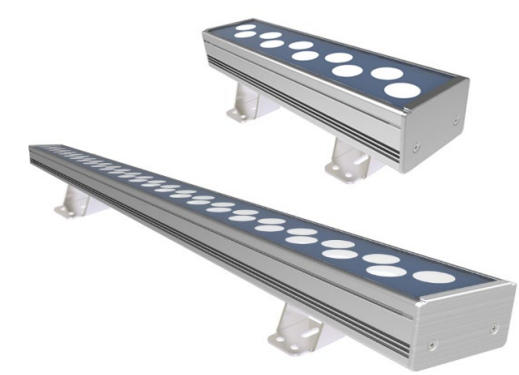
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

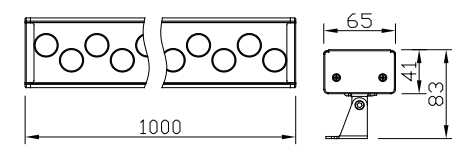
Product lists



EU2018

NEW!





Material	Aluminium
Surface	Tinting
PowerMode	External, constant voltage
Installation	Screw installation, adjustable angle
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

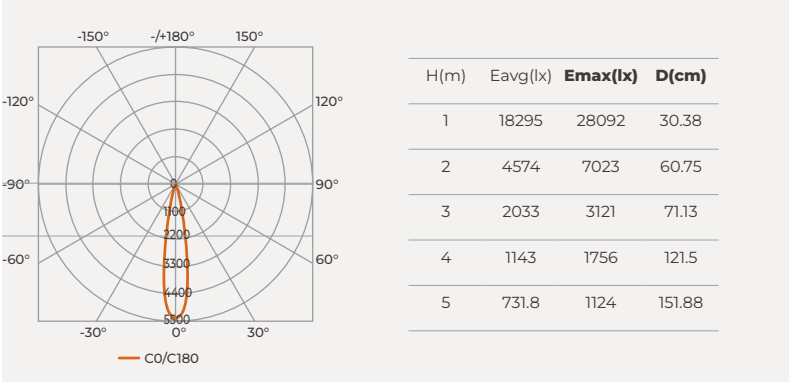


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
24	24VDC	2500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2-0.25M 2x0.75mm ² Plug	15/20/30 /45/60/10x45/10x60	EU2018D-0.5M
24	24VDC DMX	2500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2-0.25Mx1.0+3x0.2mm ² Plug	15/20/30 /45/60/10x45/10x60	EU2018DMX-0.5M
48	24VDC	5100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2-0.25M 2x0.75mm ² Plug	15/20/30 /45/60/10x45/10x60	EU2018D-1M
48	24VDC DMX	5100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	2-0.25Mx1.0+3x0.2mm ² Plug	15/20/30 /45/60/10x45/10x60	EU2018DMX-1M

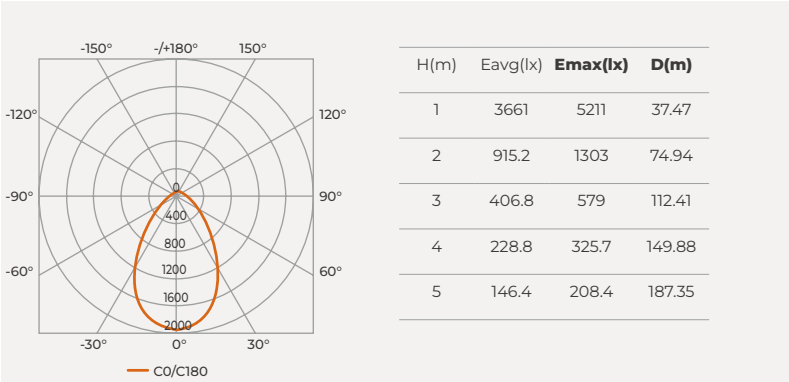
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

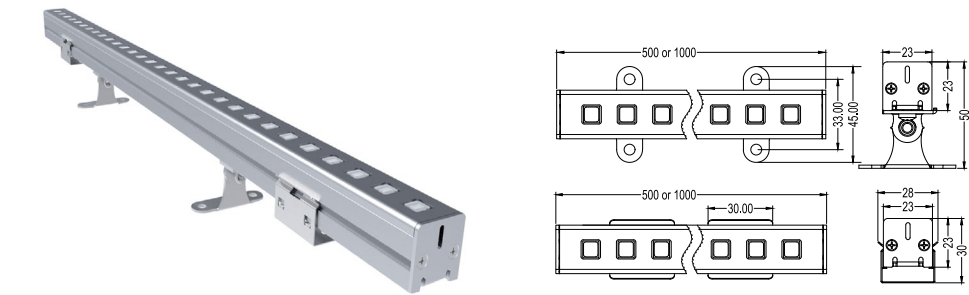
Product lists◀

EU2018 24W 4000K 20°



EU2018 24W 4000K 60°





Material	Aluminium
Surface	Tinting
PowerMode	External, constant voltage
Installation	Screw installation, adjustable angle
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

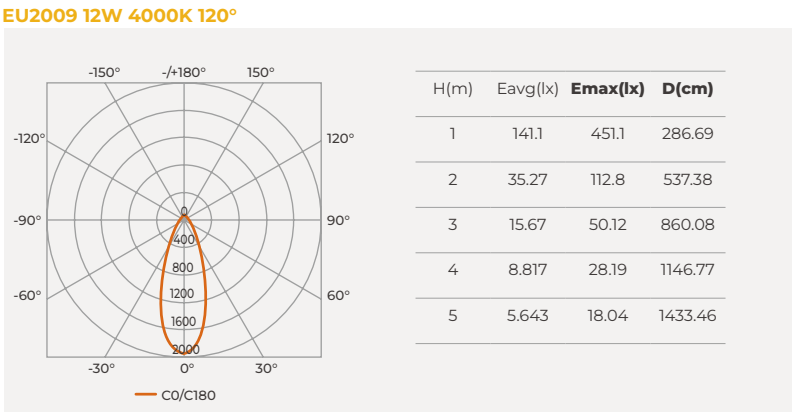
120 degree optic as standard for light projection. Aluminum construction rated to IP65, suitable for exterior applications. Supplied with optional mounting clips allowing for the fixture to be angled.



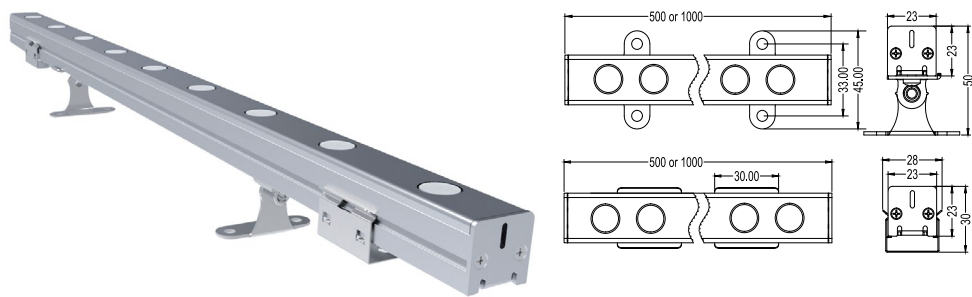
Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
12	24VDC	1000	C,W,N	80	Constant voltage	Parallel	0.2M 2x1.0mm² Plug	120	EU2009-1M
6.5	24VDC	500	C,W,N	-	Constant voltage	Parallel	0.2M 2x1.0mm² Plug	120	EU2009-0.5M
12	24VDC DMX	-	RGB	-	Constant voltage	Parallel	0.2M 2x1.0+3X0.3mm² Plug	120	EU2009DMX-1M
6.5	24VDC DMX	-	RGB	-	Constant voltage	Parallel	0.2M 2x1.0+3X0.3mm² Plug	120	EU2009DMX-0.5M
12	24VDC DMX	-	RGBW	-	Constant voltage	Parallel	0.2M 2x1.0+3X0.3mm² Plug	120	EU2009DMX-1M-RGBW
6.5	24VDC DMX	-	RGBW	-	Constant voltage	Parallel	0.2M 2x1.0+3X0.2mm² Plug	120	EU2009DMX-0.5MRGBW

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately . [page256/257](#)

Product lists



EU2009HP



Material	Aluminium
Surface	Tinting
PowerMode	External, constant voltage
Installation	Screw installation, adjustable angle
Weight	
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

10/20/30/45/60/10x40 degree optic as standard for light projection. Aluminum construction rated to IP65, suitable for exterior applications. Supplied with optional mounting clips allowing for the fixture to be angled.

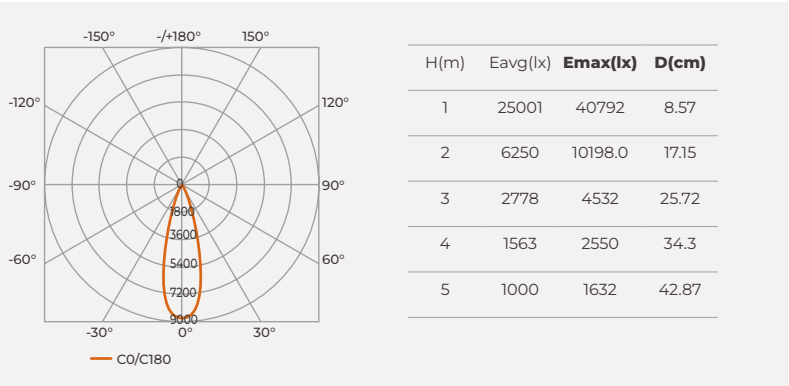


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
18	24VDC	1000	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.2M 2x1.0mm ² Plug	10/20/30/60/10X40	EU2009HP-1M
9	24VDC	500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.2M 2x1.0mm ² Plug	10/20/30/60/10X40	EU2009HP-0.5M

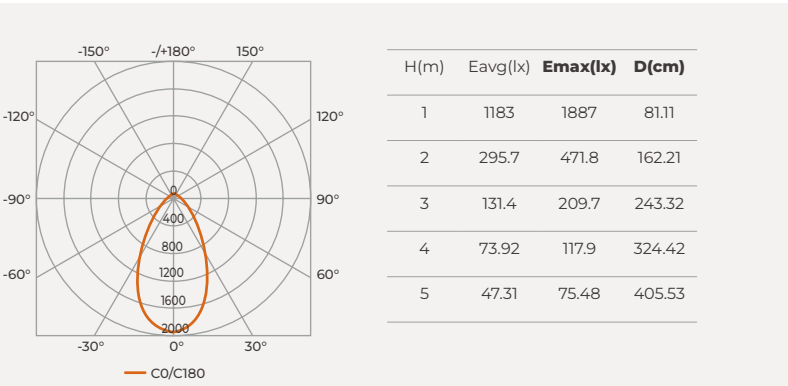
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀

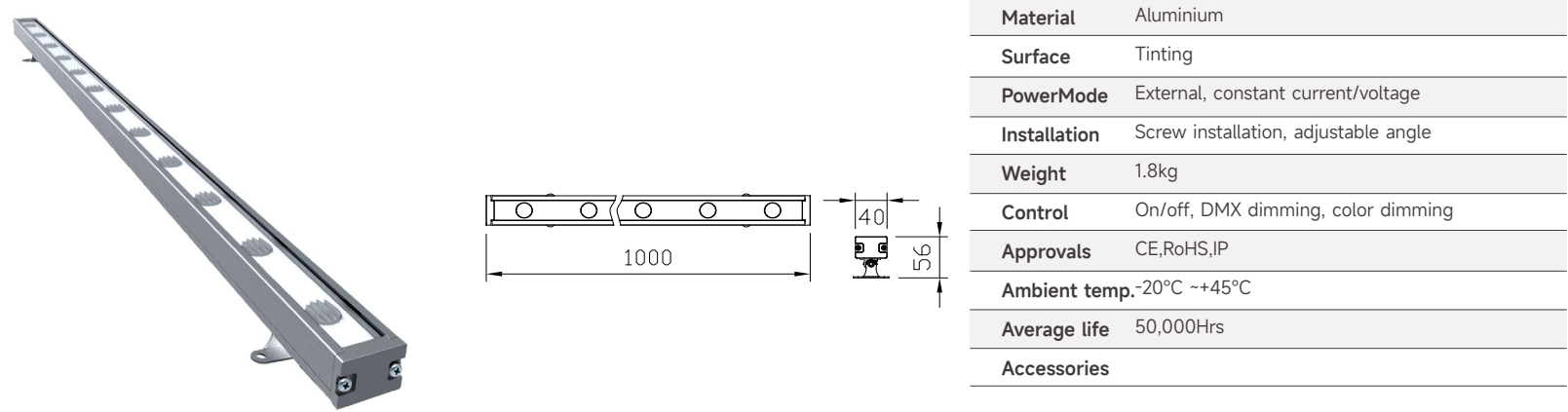
EU2009HP 18W 4000K 20°



EU2009HP 18W 4000K 60°



LL700



Material	Aluminium
Surface	Tinting
PowerMode	External, constant current/voltage
Installation	Screw installation, adjustable angle
Weight	1.8kg
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

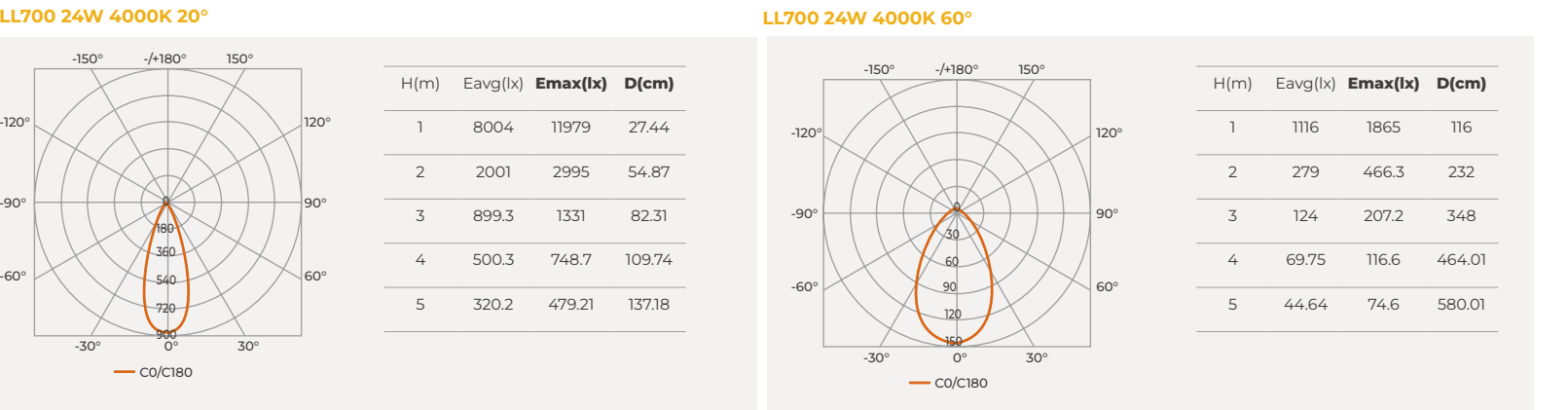
Recessed linear fixture rated to IP67. Wall/ floor -recessed luminaire for use with fluorescent lamps and LEDs. Tempered glass with integrated CREE XPE LED chipset. Luminaire ready for pass-through wiring.



Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
13	24VDC	1200	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.75mm ² or 0.2mPlug	10/20/40/60	LL700D-1M-12
26	24VDC	2400	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.75mm ² or 0.2mPlug	10/20/40/60	LL700D-1M-24
6.5	24VDC	600	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.75mm ² or 0.2mPlug	10/20/40/60	LL700D-0.5M-6
13	24VDC	1200	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M -2x0.75mm ² or 0.2mPlug	10/20/40/60	LL700D-0.5M-12
5	24VDC	400	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.75mm ² or 0.2mPlug	10/20/40/60	LL700D-0.3M-4
13	24VDC	900	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.75mm ² or 0.2mPlug	120	LL700D-1M-12-M
13	24VDC DMX	1200	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 4x0.5mm ² or 0.2mPlug	10/20/40/60	LL700DMX-1M-12
26	24VDC DMX	2400	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 4x0.5mm ² or 0.2mPlug	10/20/40/60	LL700DMX-1M-24
17	24VDC DMX	-	4R+4G+4B+4W	-	Constant voltage	Parallel	0.5M 4x0.5mm ² or 0.2mPlug	10/S20/40/F60	LL700DMX-1M-16-RGBW
26	24VDC DMX	-	RGB-FC	-	Constant voltage	Parallel	0.5M 4x0.5mm ² or 0.2mPlug	10/S20/40/F60	LL700DMX-1M-RGB-FC
26	24VDC DMX	-	RGBW-FC	-	Constant voltage	Parallel	0.5M 4x0.5mm ² or 0.2mPlug	10/S20/40/F60	LL700DMX-1M-RGBW

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately . [page256/257](#)

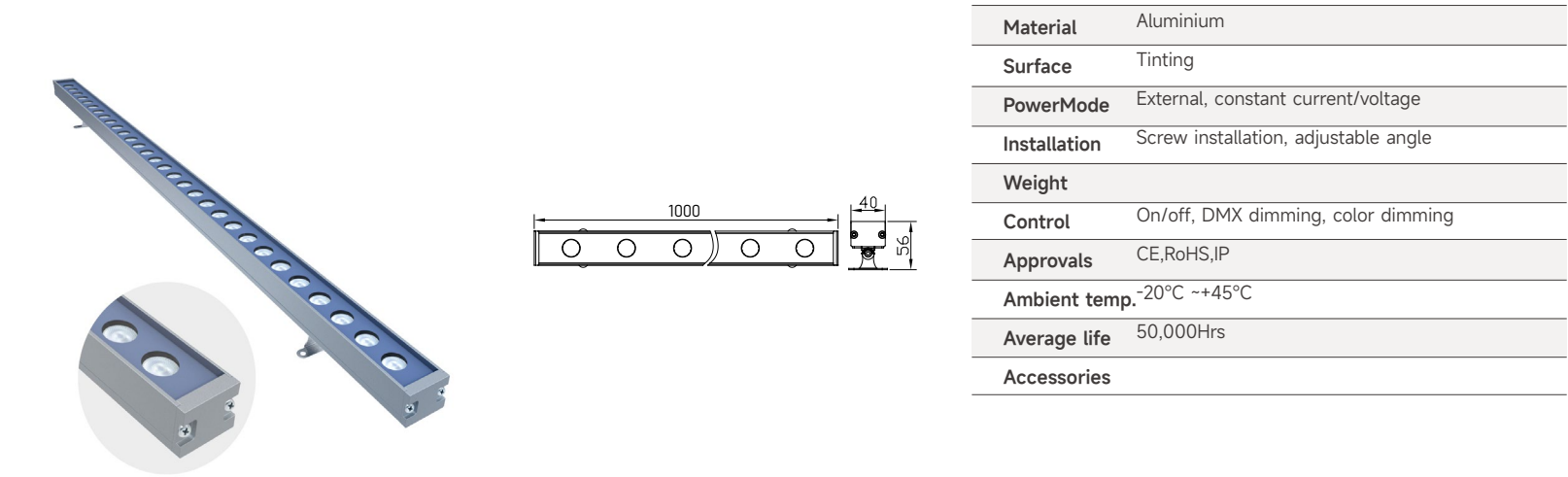
Product lists◀



Line Light

Web Contents

LL710



Material	Aluminium
Surface	Tinting
PowerMode	External, constant current/voltage
Installation	Screw installation, adjustable angle
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Recessed linear fixture rated to IP67. Wall/ floor-recessed luminaire for use with fluorescent lamps and LEDs. Tempered glass with integrated CREE XPE LED chipset. Luminaire ready for pass-through wiring.



LL710

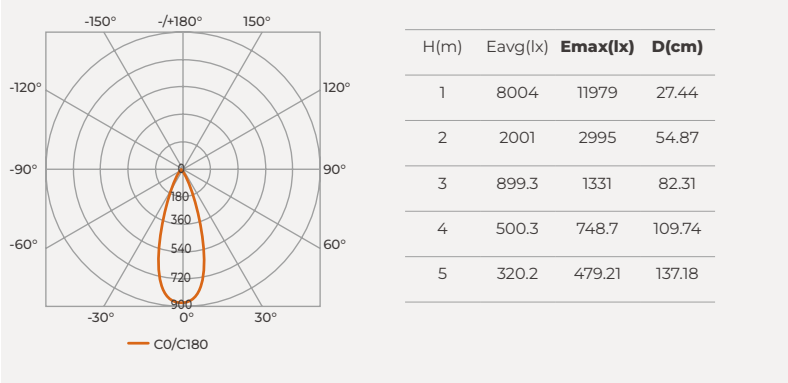
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
12	24VDC	800	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.75mm ² or 0.2mPlug	15/S20/30/45/F60	LL710D
12	24VDC	500	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.75mm ² or 0.2mPlug	120	LL710DM
12	24VDC DMX	-	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 4x0.5mm ² or 0.2mPlug	15/S20/30/45/F60	LL710DMX-RGB
12	24VDC DMX	-	RGB(FullColor)	-	Constant voltage	Parallel	0.5M 4x0.5mm ² or 0.2mPlug	15/S20/30/45/F60	LL710-1M-12W-DMX-RGB

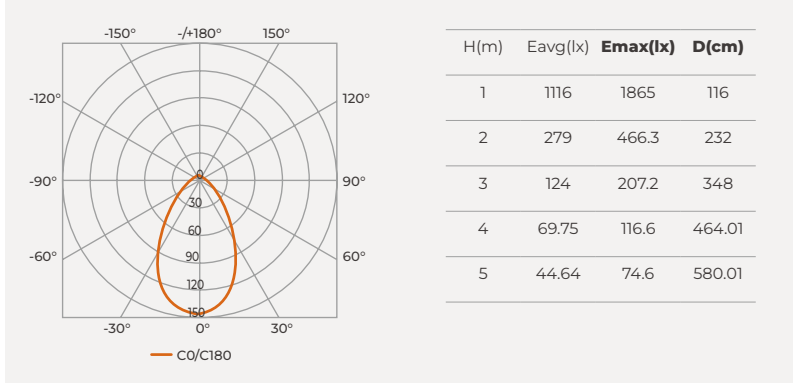
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

LL710 12W 4000K 20°



LL710 12W 4000K 60°



6 Wall Light

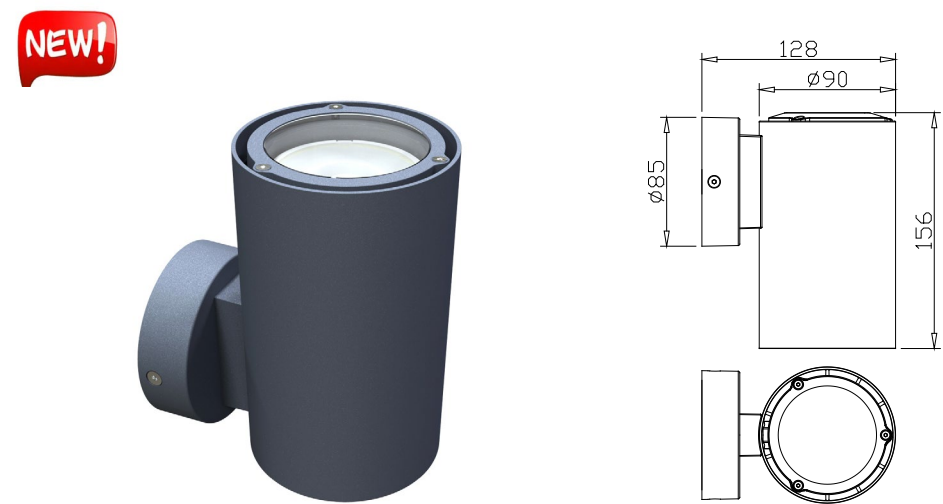
[Contents](#)[Web](#)

Contents

[Web](#)[Contents](#)

Photo	Model	Power(W)	Beam(°)	Color(K)	IP	Page
	EU1811-1A-P1	24	20/30/40/50/40X80	Monochrome/FullColor	67	188/189 ▶
	EU1811-1A-P2	48	20/30/40/50/40X80	Monochrome/FullColor	67	190/191 ▶
	RD007	2	120	Monochrome	67	192/193 ▶
	EU1808B	3	60	Monochrome/FullColor	65	194/195 ▶
	EU1820	1	70	Monochrome	65	196/197 ▶
	ML101	1.3	-	Monochrome/FullColor	68	198/199 ▶
	ML102	2	20/60	Monochrome	65	200/201 ▶
	ML103	1.3	-	Monochrome/FullColor	65	202/203 ▶
	ML104	1.3	-	Monochrome/FullColor	68	204/205 ▶
	ML110	2	20/60	Monochrome/FullColor	65	206/207 ▶
	RD025	2	120	Monochrome/FullColor	65	208/209 ▶
	RD063	3W + 4X1W	120 + 4X10	Monochrome/FullColor	65	210/211 ▶
	RD083	2	120	Monochrome/FullColor	65	212/213 ▶
	GL112SJ	1.3	20/60	Monochrome/FullColor	68	214/215 ▶
	RD031	2	120	Monochrome/FullColor	65	216/217 ▶

EU1811-1A-P1



Material	Aluminium
Surface	Powder coating, painting, tinting
PowerMode	Constant voltage
Installation	Screw installation
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

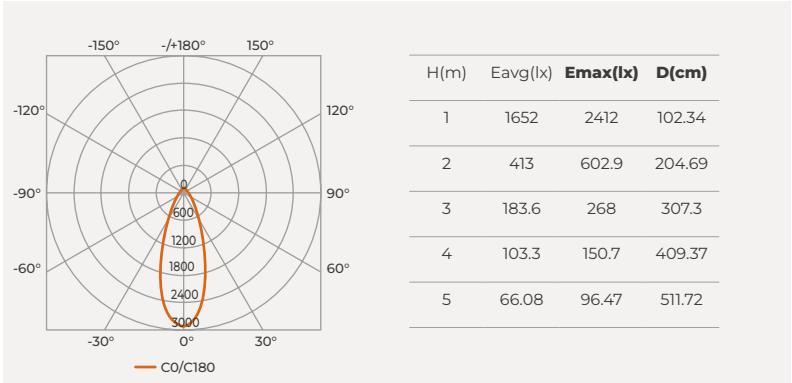


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
12	24VDC DMX	-	CCT,RGB,RGBW-FC	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	20/30/40/50/40X80	EU1811-1DMX-P1-12W
18	24VDC DMX	-	CCT ,RGB,RGBW-FC	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	20/30/40/50/40X80	EU1811-1DMX-P1-18W
24	24VDC DMX	-	CCT ,RGB,RGBW-FC	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	20/30/40/50/40X80	EU1811-1DMX-P1-24W
12	220VAC	1300	C,W,N	80	Constant voltage	Parallel	1.1M 3x1.0mm ²	20/30/40/50/40X80	EU1811-1A-P1-12W
18	220VAC	1900	C,W,N	80	Constant voltage	Parallel	1.1M 3x1.0mm ²	20/30/40/50/40X80	EU1811-1A-P1-18W
24	220VAC	2500	C,W,N	80	Constant voltage	Parallel	1.1M 3x1.0mm ²	20/30/40/50/40X80	EU1811-1A-P1-24W

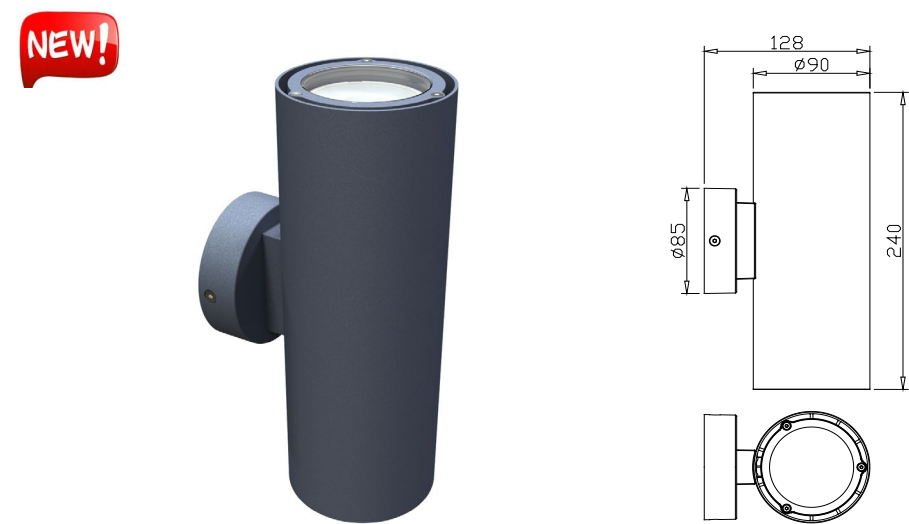
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

Product lists◀

EU1811 24W 4000K 20°



EU1811-1A-P2



Material	Aluminium
Surface	Powder coating, painting, tinting
PowerMode	Constant voltage
Installation	Screw installation
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

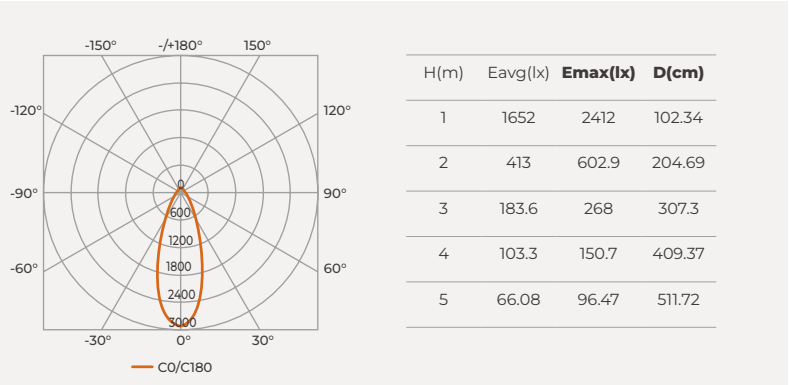


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
24	24VDC DMX	-	CCT ,RGB,RGBW-FC	80	Constant voltage	Parallel	1.1M 4x0.5mm ²	20/30/40/50/40x80	EU1811-1DMX-P2-24W
36	24VDC DMX	-	CCT ,RGB,RGBW-FC	80	Constant voltage	Parallel	1.1M 4x0.5mm ²	20/30/40/50/40x80	EU1811-1DMX-P2-36W
48	24VDC DMX	-	CCT,RGB,RGBW-FC	80	Constant voltage	Parallel	1.1M 4x0.5mm ²	20/30/40/50/40x80	EU1811-1DMX-P2-48W
24	220VAC	2x1300	C,W,N	80	Constant voltage	Parallel	1.1M 3x1.0mm ²	20/30/40/50/40x80	EU1811-1A-P2-24W
36	220VAC	2x1900	C,W,N	80	Constant voltage	Parallel	1.1M 3x1.0mm ²	20/30/40/50/40x80	EU1811-1A-P2-36W
48	220VAC	2x2500	C,W,N	80	Constant voltage	Parallel	1.1M 3x1.0mm ²	20/30/40/50/40x80	EU1811-1A-P2-48W

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

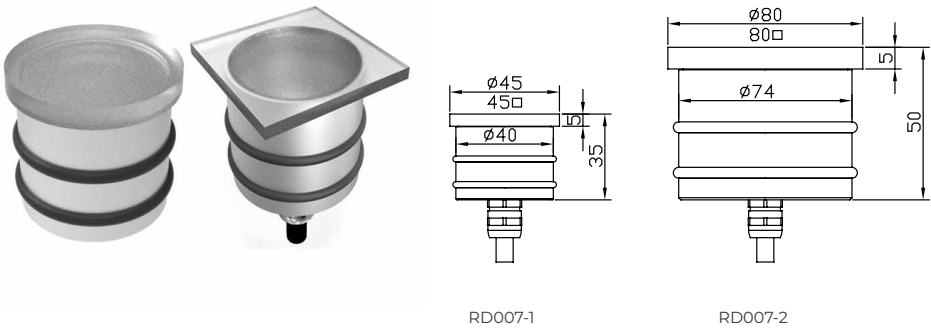
EU1811 24W 4000K 20°



Wall Light

Web Contents

RD007



Material	Aluminium
Surface	Polishing, wiredrawing, passivation, tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



RD007

Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
2	24VDC	80	C,W,N	80	Constant voltage	Parallel	1.1M 2X0.75mm ²	120	RD007-1D
4.5	24VDC	200	C,W,N	80	Constant voltage	Parallel	1.1M 2X0.75mm ²	120	RD007-2D
2	24VDC	80	C,W,N	80	Constant voltage	Parallel	1.1M 2X0.75mm ²	120	RD007SQ-1D
4.5	24VDC	200	C,W,N	80	Constant voltage	Parallel	1.1M 2X0.75mm ²	120	RD007SQ-2D
2	500mA	80	C,W,N	80	Constant current	Series	1.1M 2X0.75mm ²	120	RD007-1
4.5	350mA	200	C,W,N	80	Constant current	Series	1.1M 2X0.75mm ²	120	RD007-2
2	500mA	80	C,W,N	80	Constant current	Series	1.1M 2X0.75mm ²	120	RD007SQ-1
4.5	350mA	200	C,W,N	80	Constant current	Series	1.1M 2X0.75mm ²	120	RD007SQ-2

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists



EU1808B



Material	Aluminium
Surface	Powder coating, painting, tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.17kg
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Miniature recessed fixture complete with integral CREE LED package and 60 degree beam option. Aluminum surface mounted projector.Tempered glass with construction rated to IP65 with single aperture for asymmetric emission. Product footprint of 64mm diameter ensures versatile application. Easy to install into the panels.

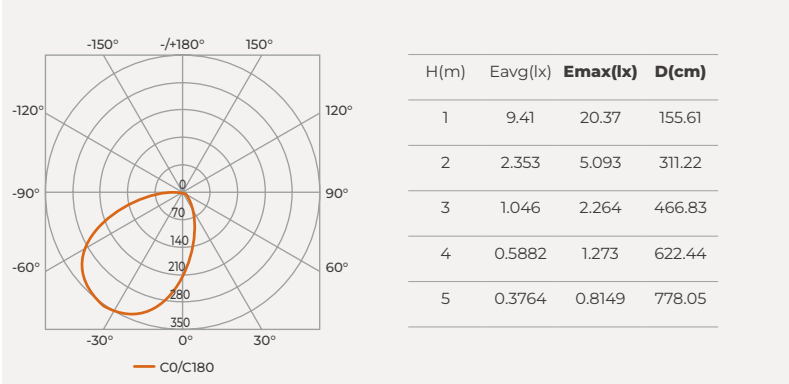


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1	24VDC	95	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.75mm ²	60	EU1808BD
3	24VDC	160	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.75mm ²	60	EU1808BD-3W
1	350mA	95	C,W,N,R,G,B,A	80	Constant current	Series	0.5M 2x0.75mm ²	60	EU1808B
3	700mA	160	C,W,N,R,G,B,A	80	Constant current	Series	0.5M 2x0.75mm ²	60	EU1808B-3W

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀

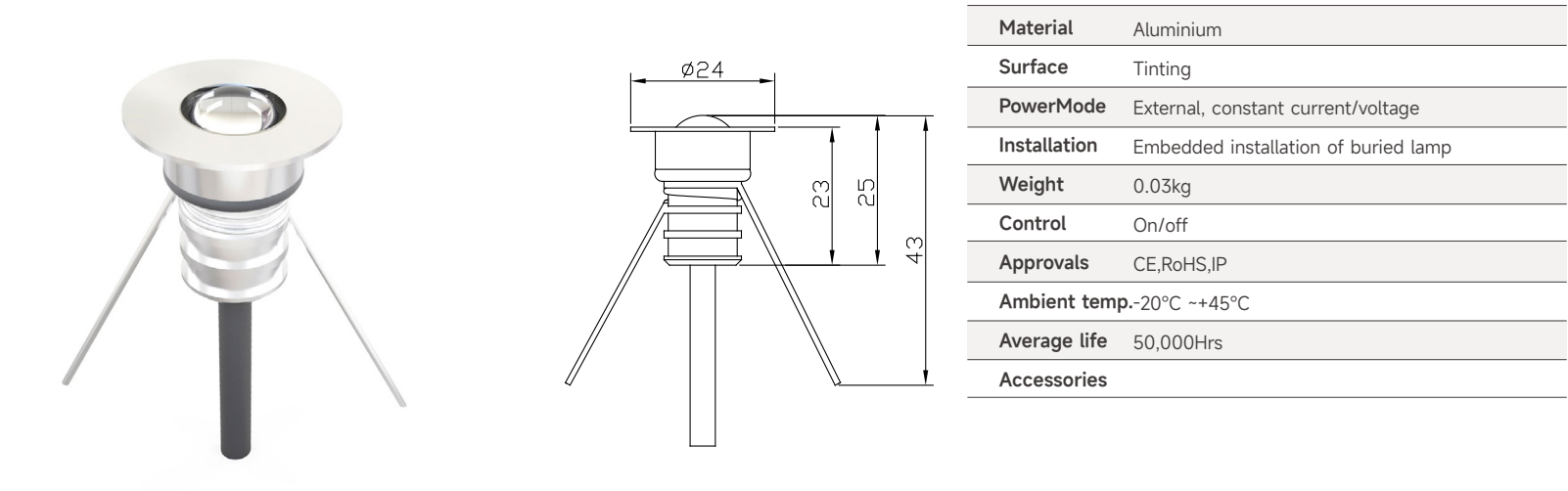
EU1808 1W 4000K 60°



Wall Light

Web Contents

EU1820



Material	Aluminium
Surface	Tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.03kg
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Miniature recessed fixture complete with integral OSRAM LED package and 70 degree beam option. IP65 wall light is made of Aluminum.Frosted optic serves to minimize glare coupled with a diffuse beam distribution.Small Product footprint ensures versatile application.Easy to install into the panels.



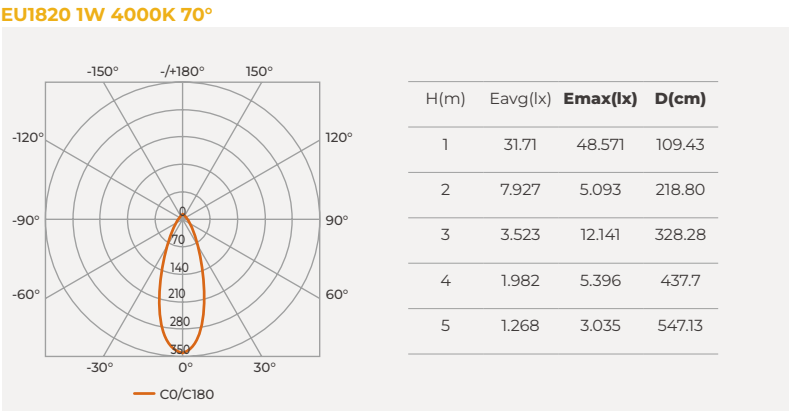
EU1820

Contents Web

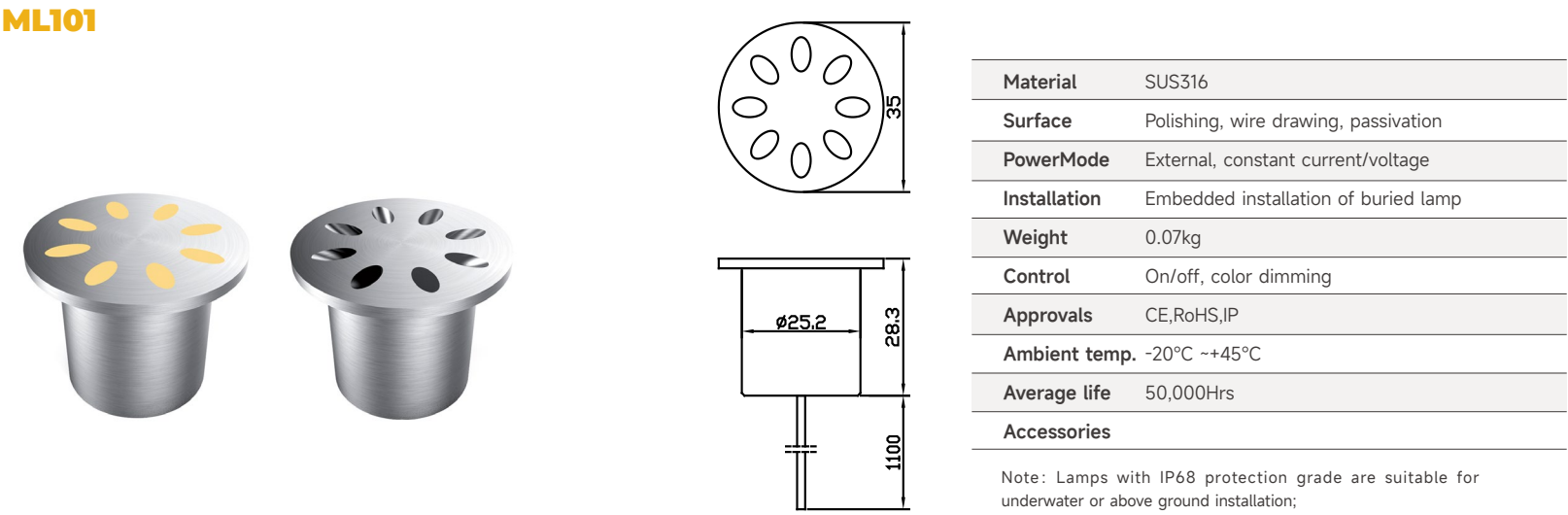
Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1	24VDC	60	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.4mm ²	70	EU1820D
0.3	24VDC	20	C,W,N,R,G,B,A	80	Constant voltage	Parallel	0.5M 2x0.4mm ²	70	EU1820D-0.3W
1	350mA	60	C,W,N,R,G,B,A	80	Constant current	Series	0.5M 2x0.4mm ²	70	EU1820

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

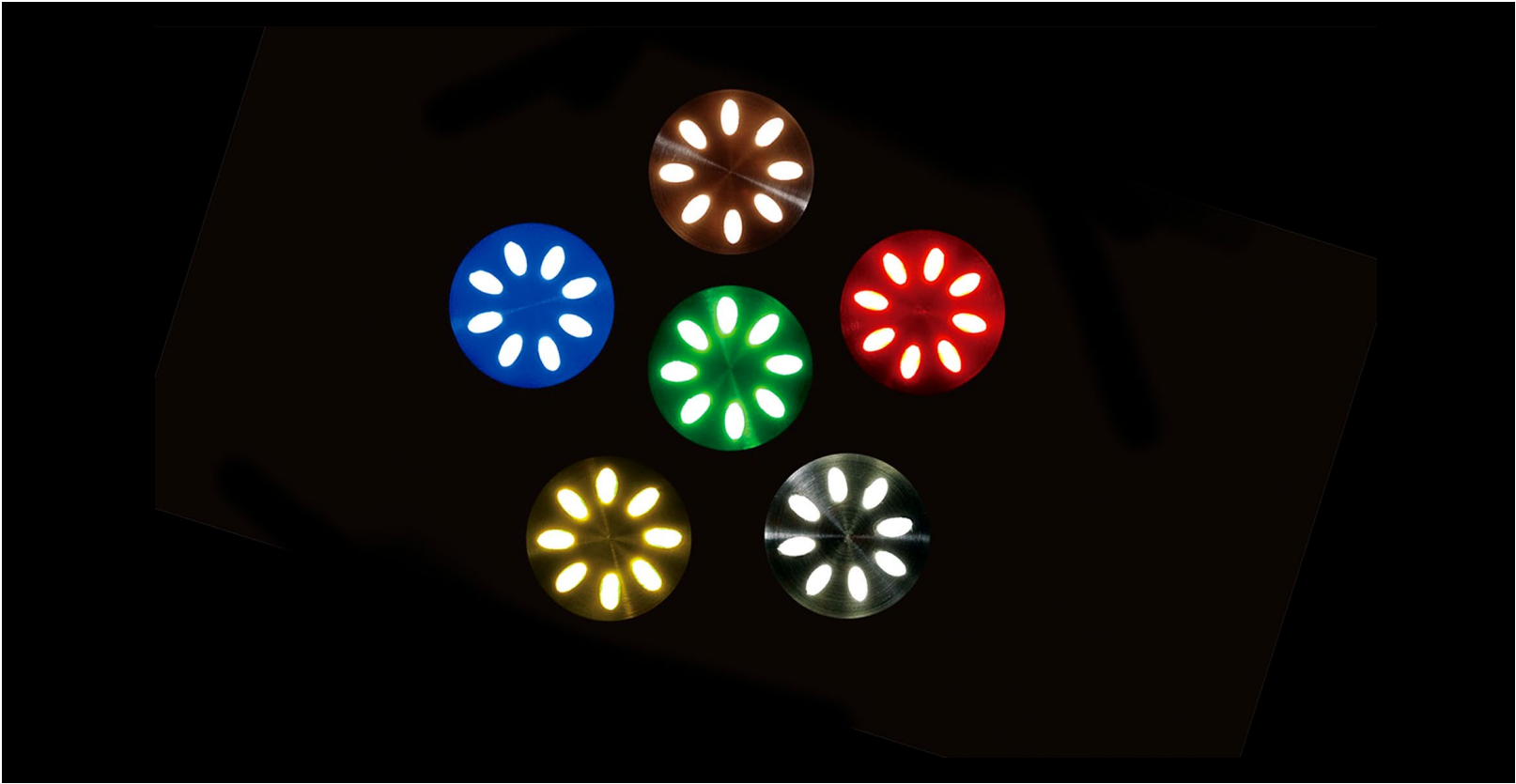
Product lists



ML101



A modern day and elegant LED decorative mini-light, it is designed to add style to floors, bars, walls and ceilings. Walkover and IP68 rated. The clever and stylish design of the light output means no glare even when looking directly at it, making this product perfect for stair facings. Using only 1W of energy makes running costs incredibly low, whilst visual impact is high.Tempered glass. Made from marine grade stainless steel and IP rated to 68 ensures you can use this product indoors or out.



Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	-	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	-	ML101D
1	24VDC	-	RGB	-	Constant voltage	Parallel	1.1M 4x24AWG	-	ML101RGB
1	350mA	-	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm ²	-	ML101

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

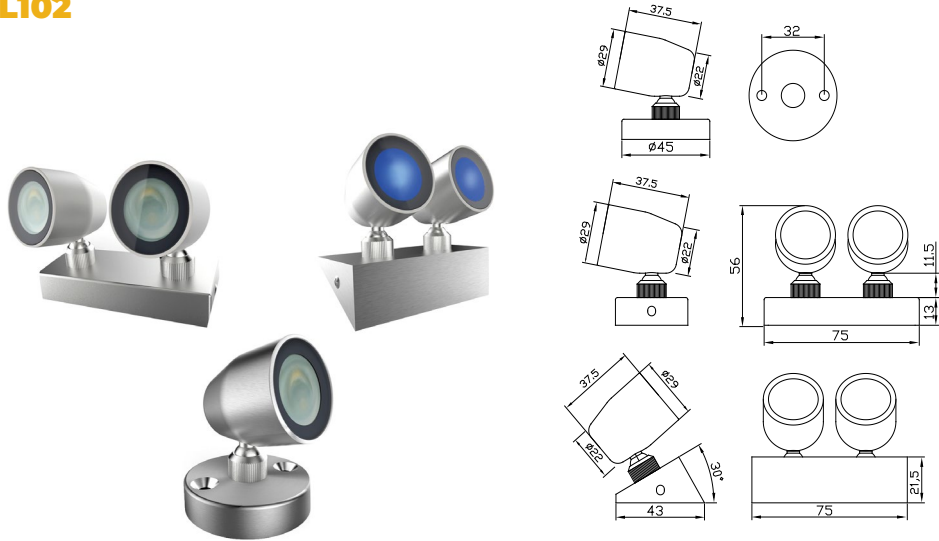
Product lists◀



Wall Light

Web Contents

ML102



Miniature display light featuring Stainless Steel construction rated to IP65 making this product suitable for both interior and exterior applications. The product is directional and thus perfect for lighting focal features on the wall or within display cabinets. Tempered glass.Incorporates an integrated CREE LED white chip set powered at 1W or 2W. A low energy, no maintenance solution.



ML102

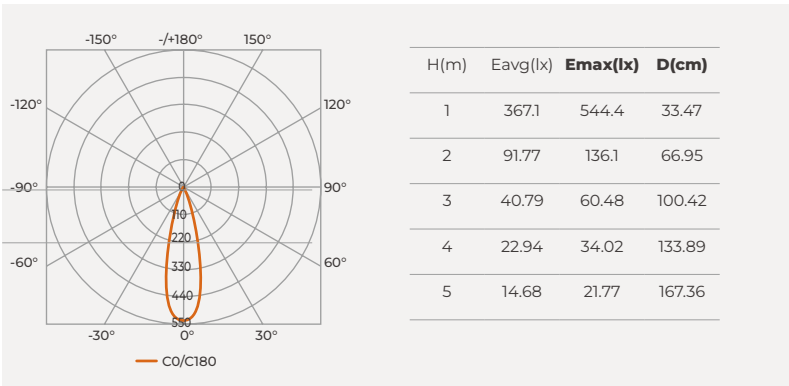
Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x24AWG	20/60	ML1021
2	350mA	200	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x24AWG	20/60	ML1022
2	350mA	200	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x24AWG	20/60	ML1022-30

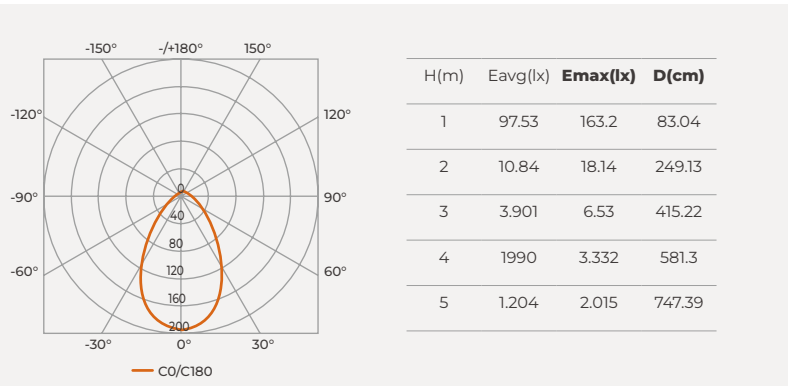
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

Product lists◀

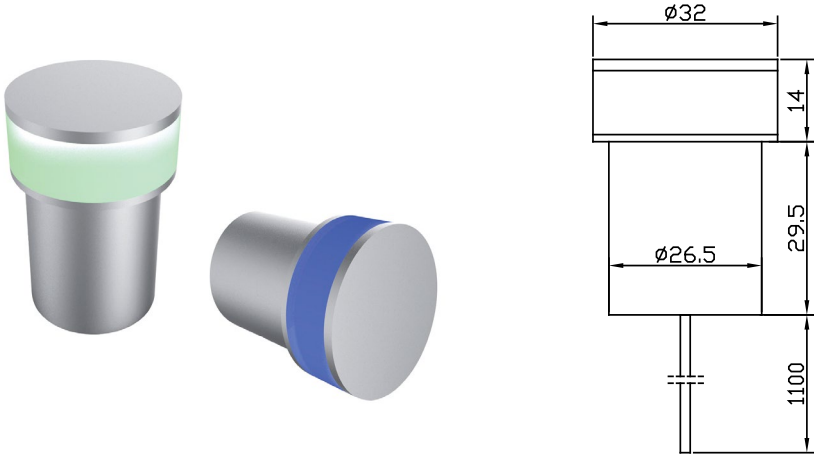
ML102 1W 4000K 20°



ML102 1W 4000K 60°

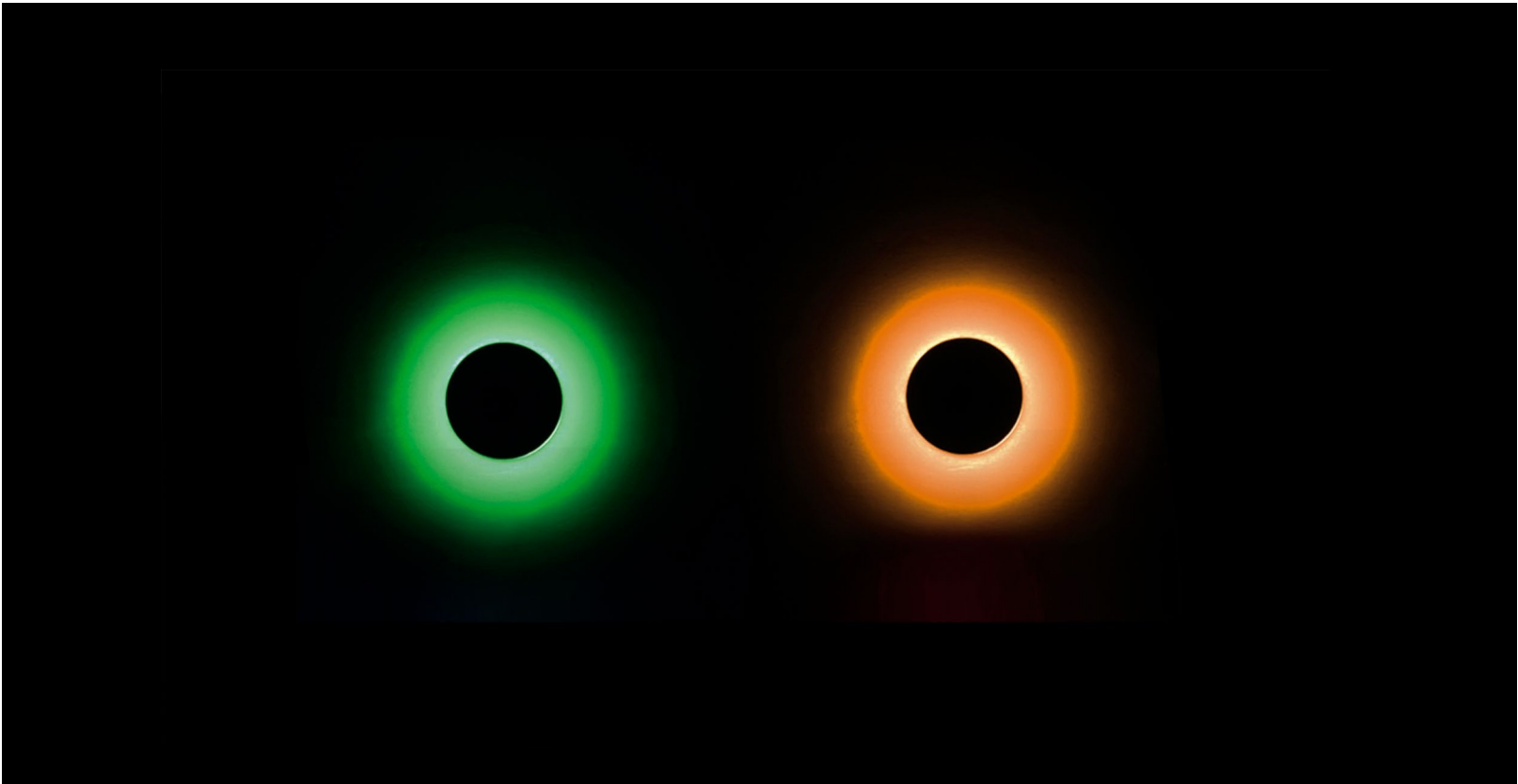


ML103



Material	Aluminium
Surface	Tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.056kg
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Add impact to any area with the ML103 wall light. An elegant ‘halo’ effect is created around the unit in a choice of 7 ambient LED colors. Tempered glass. Finished to a high standard using anodized aluminum, this trendy mini-light will look great in superior establishments and homes.



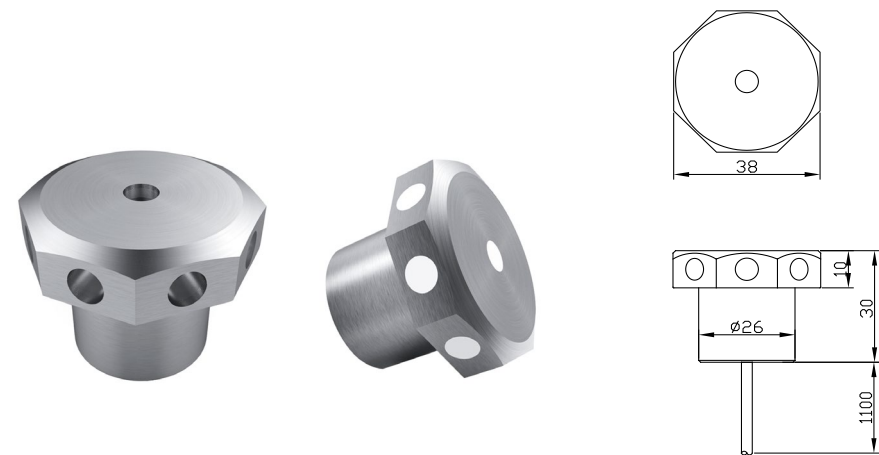
Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	-	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm²	-	ML103D
1	24VDC	-	RGB	80	Constant voltage	Parallel	1.1M 4x24AWG	-	ML103RGB
1	350mA	-	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm²	-	ML103

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately. [page256/257](#)

Product lists◀



ML104



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.11kg
Control	On/off, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Note: Lamps with IP68 protection grade are suitable for underwater or above ground installation;

Contemporary, chic, yet rugged, the ML104 decorative mini-light adds style to floors, bars, walls and stairs. Tempered glass. Made from marine grade stainless steel and IP rated to 68 ensures you can use this product indoors or out.

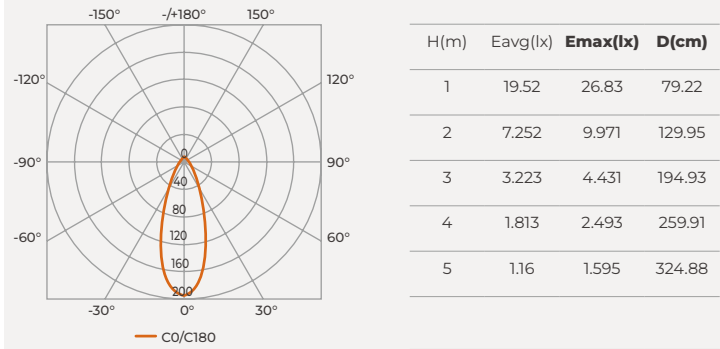


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	-	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	-	ML104D
1	24VDC	-	RGB	80	Constant voltage	Parallel	1.1M 4x24AWG	-	ML104RGB
1	350mA	-	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm ²	-	ML104

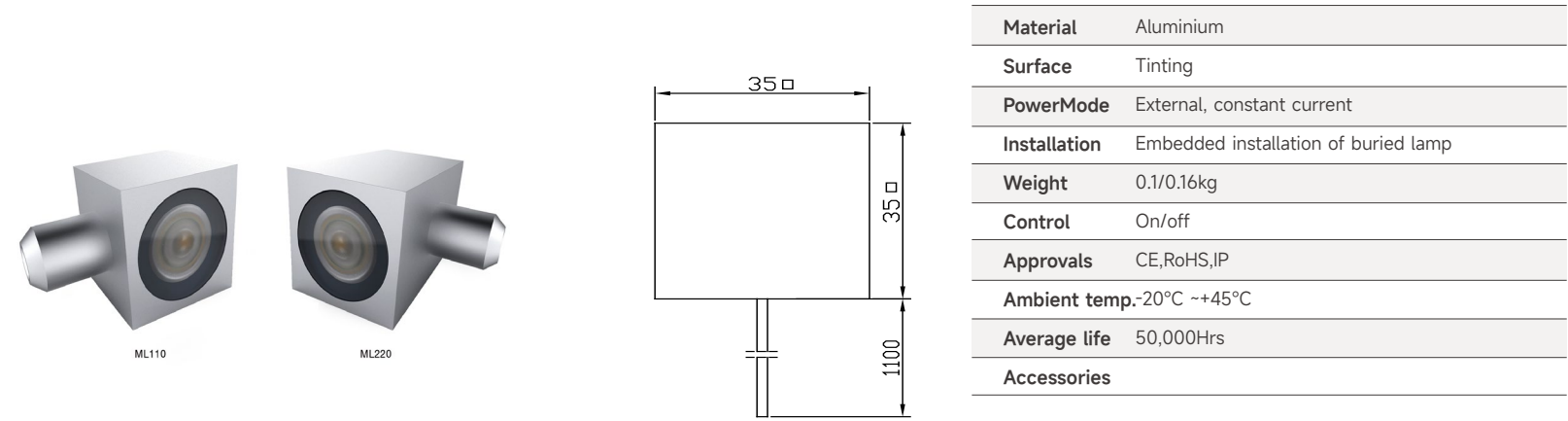
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately. [page256/257](#)

Product lists◀

ML104 1W 4000K 20°



ML110



Stylish, functional and finished to the highest standards in aluminum,this item creates stunning effects on walls in both residential and commercial environments. Using a spot lens keeps the light narrow and direct, sending light over long distances. By using the provided wall plug, installation will be quick and easy, this will also give you the option of adjusting the direction of the light by simply turning the product whilst in the wall. Tempered glass.

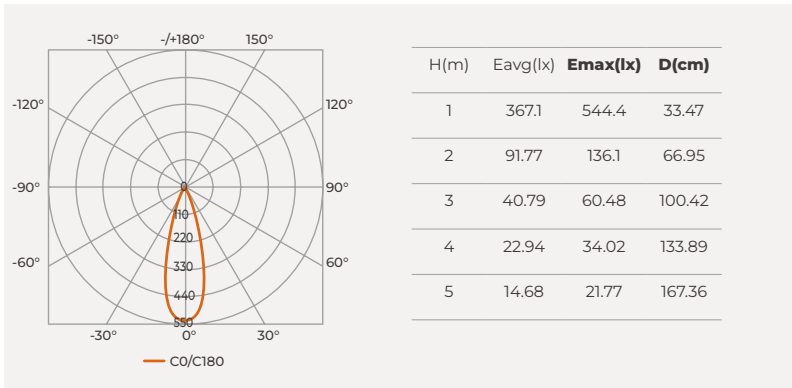


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm²	20/60	ML110
2	350mA	200	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm²	20/60	ML220

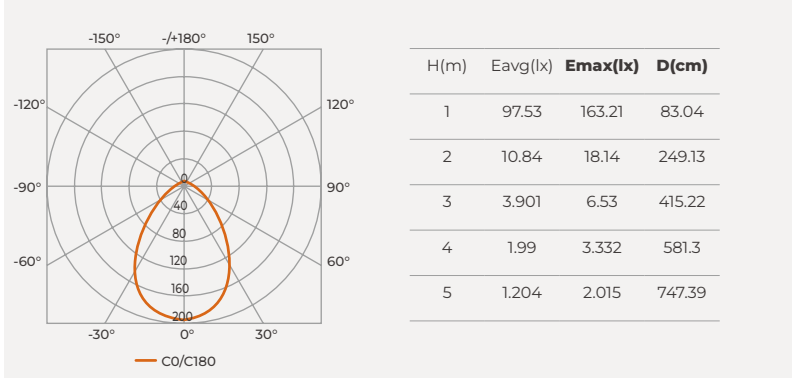
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately . [page256/257](#)

Product lists◀

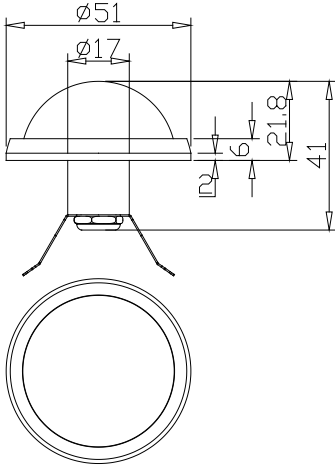
ML110 2W 4000K 20°



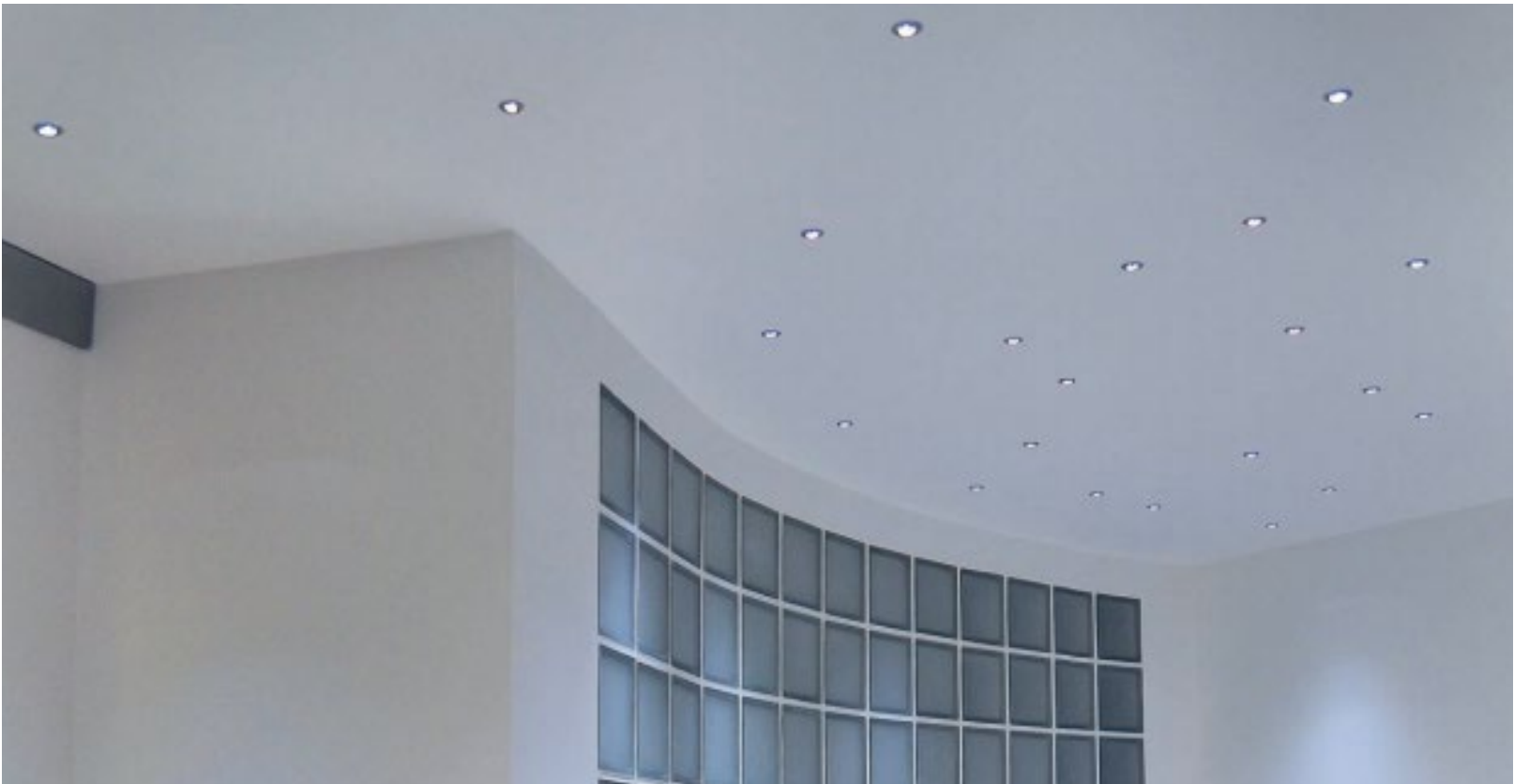
ML110 2W 4000K 60°



RD025



Material	Aluminium
Surface	Tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



Contents

Web

RD025

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
2	24VDC	-	RGB-FC	-	Constant voltage	Parallel	1.1M 4X24AWG	120	RD025

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;

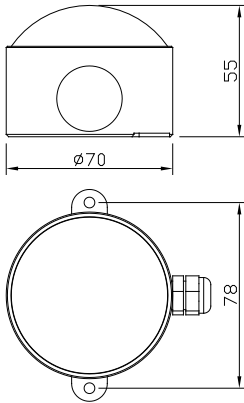
Product lists



Wall Light

Web Contents

RD063



Material	Aluminium
Surface	Tinting
PowerMode	External, constant voltage
Installation	Screw installation
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



RD063

Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
3w + 4X1W	24VDC	-	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 4x0.5mm ²	120 + 4X10	RD063DMX

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;

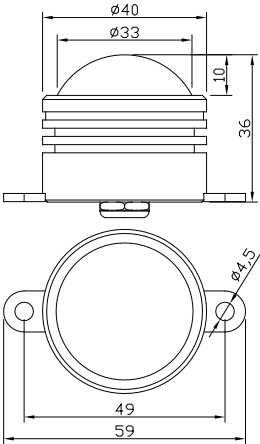
Product lists



Wall Light

Web Contents

RD083



Material	Aluminium
Surface	Tinting
PowerMode	External, constant voltage
Installation	Screw installation
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



Contents Web

RD083

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
2	24VDC	150	C,W,N,R,G,B,A	-	Constant voltage	Parallel	2-0.2M 2x1.0mm ² +3x0.3	120	RD083DMX

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;

Product lists

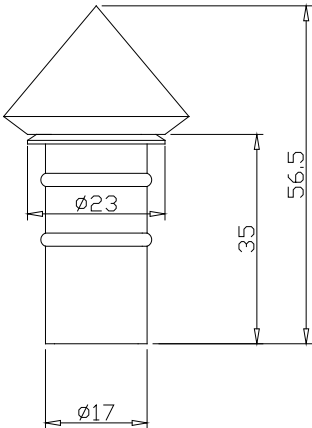


Wall Light

Web Contents

GL112SJ

NEW!



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



GL112SJ

Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm²	20/60	GL112SJD
0.5	24VDC	30	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm²	120	GL112SJM
0.5	24VDC DMX	-	RGB	-	Constant voltage	Parallel	1.1M 4x24AWG	120	GL112SJRGB
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm²	20/60	GL112SJ

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately . [page256/257](#)

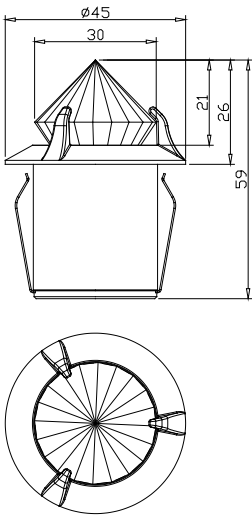
Product lists



Wall Light

Web Contents

RD031



Material	SUS316+Aluminium
Surface	Polishing, wire drawing, passivation, tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



RD031

Contents Web

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
2	24VDC	-	2700K+5000K	80	Constant voltage	Parallel	1.1M 4X24AWG	120	RD031DMX

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;

Product lists



7

Spike Light

Contents

Web



Contents

Web

Contents

Photo	Model	Power(W)	Beam(°)	Color(K)	IP	Page
	SL131	1.3	12/45	Monochrome	65	220/221 ▶
	SL133	5	20/60	Monochrome	65	222/223 ▶
	SL100	16	24/40/60	Monochrome/ FullColor	65	224/225 ▶
	EU3039-I-SP	27	20/30/40/50/40X80	Monochrome/ FullColor	67	226/227 ▶
	EU5011	10	20/60	Monochrome/ FullColor	67	228/229 ▶

SL131



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Spike installation, adjustable angle
Weight	0.63kg
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Marine grade 316 stainless steel in-ground spike fixture complete with integral CREE LED package. Tempered glass. 12/45 degree beam options. No mechanical joints to light source ensures robust protection against water ingress. Product runs cool meeting all touch temperature requirements.

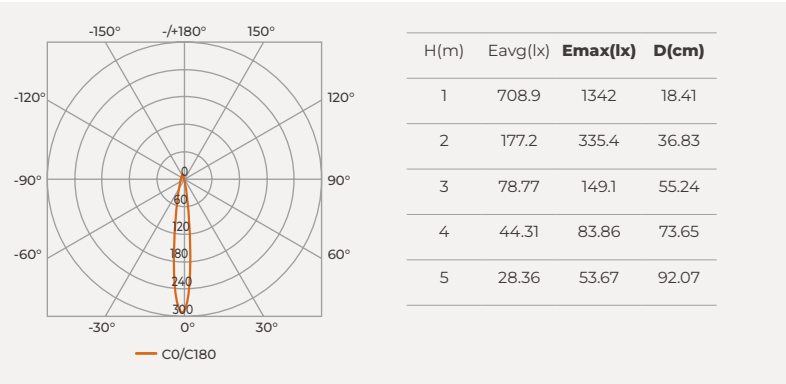


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.3	24VDC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	12/45	SL131D
2	24VDC	160	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	12/45	SL131D
1	350mA	100	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	12/45	SL131

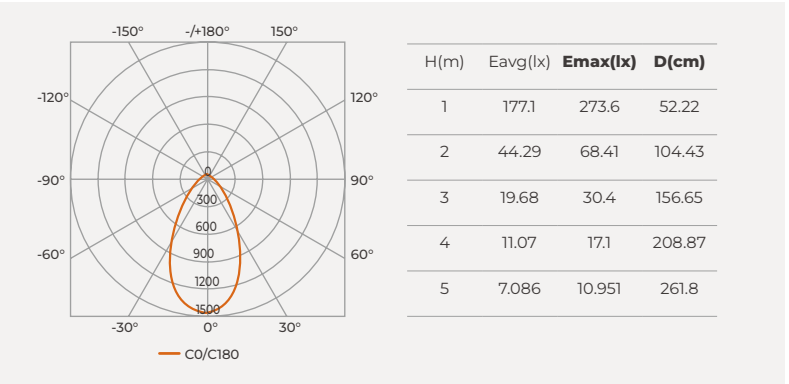
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

SL131 1W 4000K 12°



SL131 1W 4000K 45°



SL133



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Spike installation, adjustable angle
Weight	0.93kg
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Marine grade 316 stainless steel in-ground spike fixture complete with integral CREE LED package. Tempered glass. 20/60 degree beam options. No mechanical joints to light source ensures robust protection against water ingress. Product runs cool meeting all touch temperature requirements.

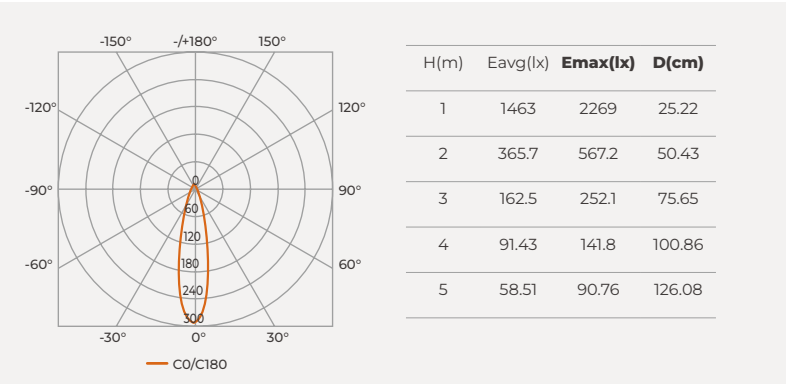


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
3.5	24VDC	300	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	20/60	SL133D
5	24VDC	400	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.75mm ²	20/60	SL133D
3	350mA	300	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.75mm ²	20/60	SL133

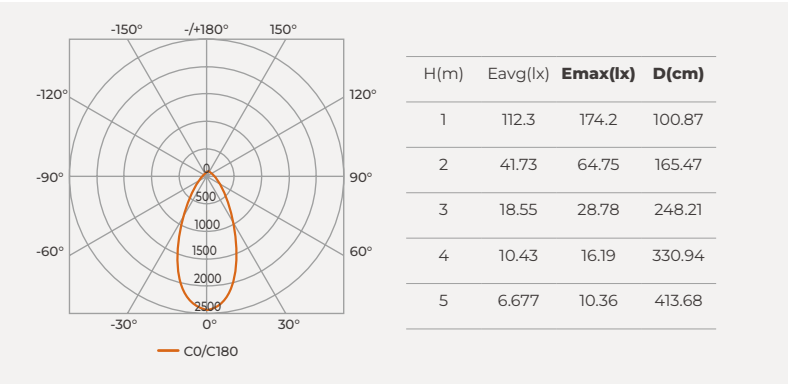
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀

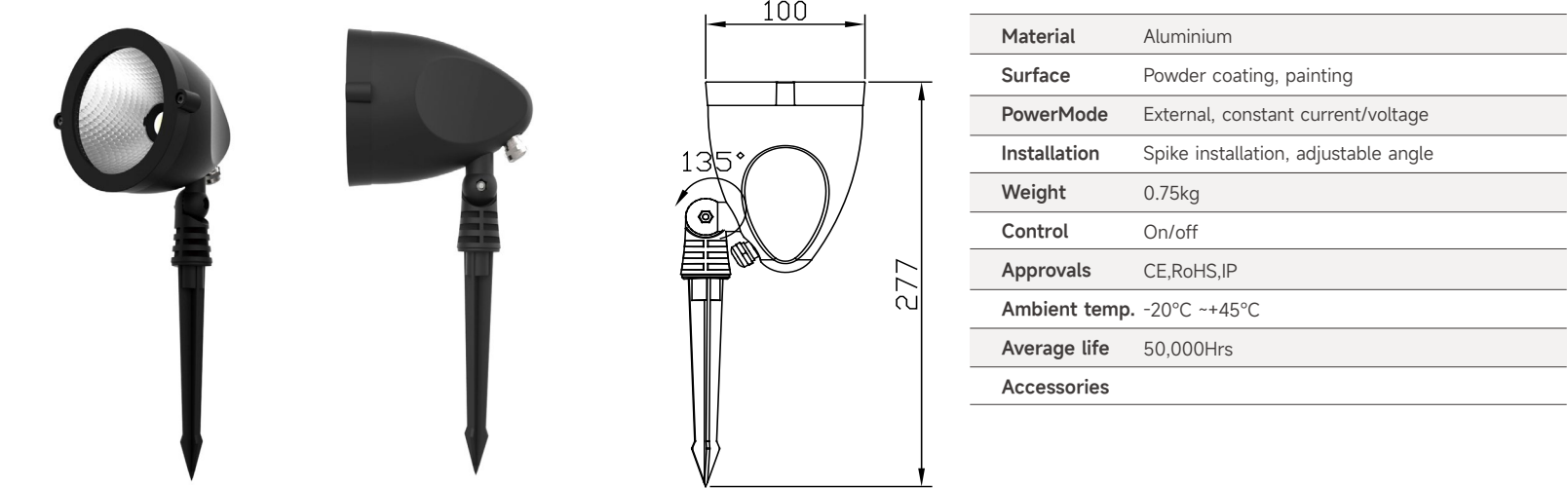
SL133 3W 4000K 20°



SL133 3W 4000K 60°



SL100



Material	Aluminium
Surface	Powder coating, painting
PowerMode	External, constant current/voltage
Installation	Spike installation, adjustable angle
Weight	0.75kg
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

This black anodized aluminum version of our SL100 spike light provides less obtrusive presence in your garden. Tempered glass.It gives you the(choice of LED colors, wide or narrow beam angles and 135° tilting head.

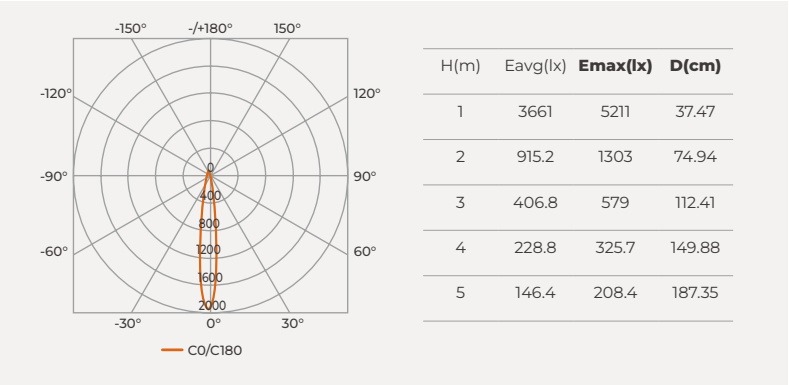


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
16	24VDC	1600	WW3000K	80	Constant voltage	Parallel	1.1M 2x0.75mm²	24/40/60	SL100
16	24VDC	1600	NW4200K	80	Constant voltage	Parallel	1.1M 2x0.75mm²	24/40/60	SL100
16	24VDC	1760	CW5000K	80	Constant voltage	Parallel	1.1M 2x0.75mm²	24/40/60	SL100

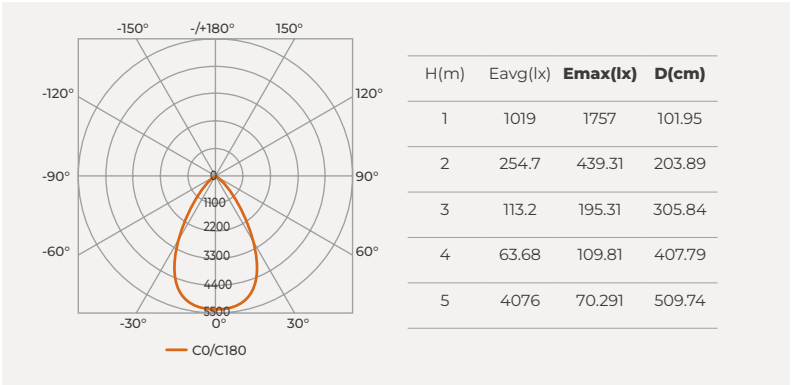
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
24VDC/24VDC DMXDrive power supply to be provided separately, [page256/257](#)

Product lists

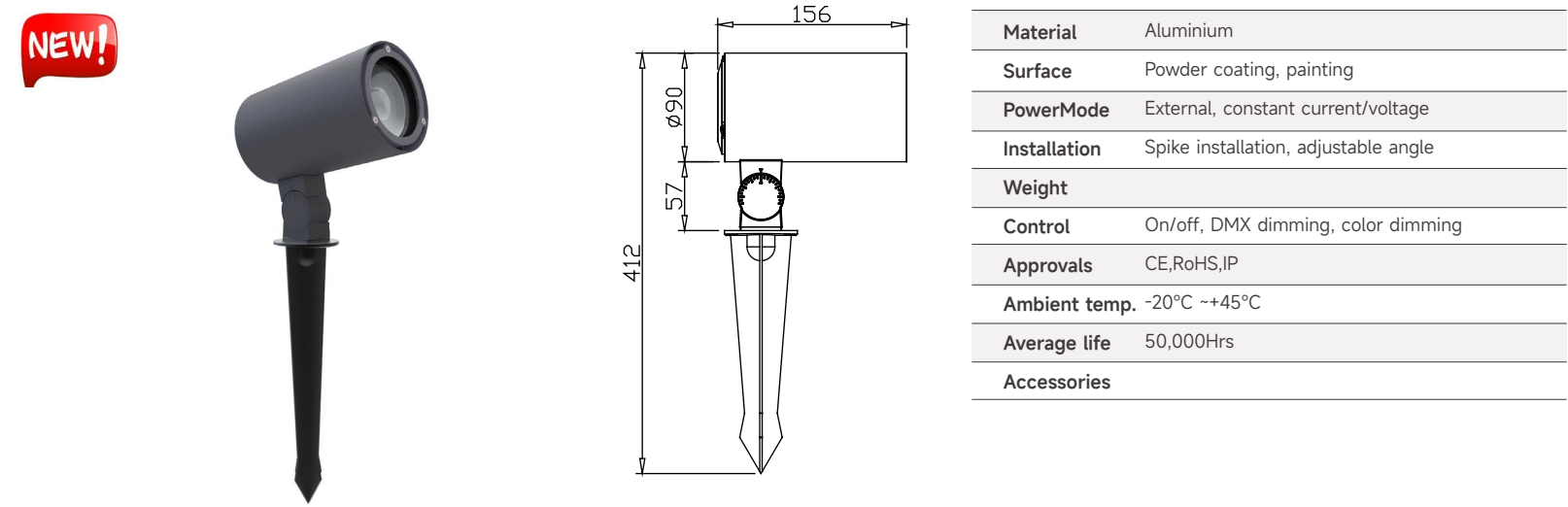
SL100 16W 4000K 24°



SL100 16W 4000K 60°



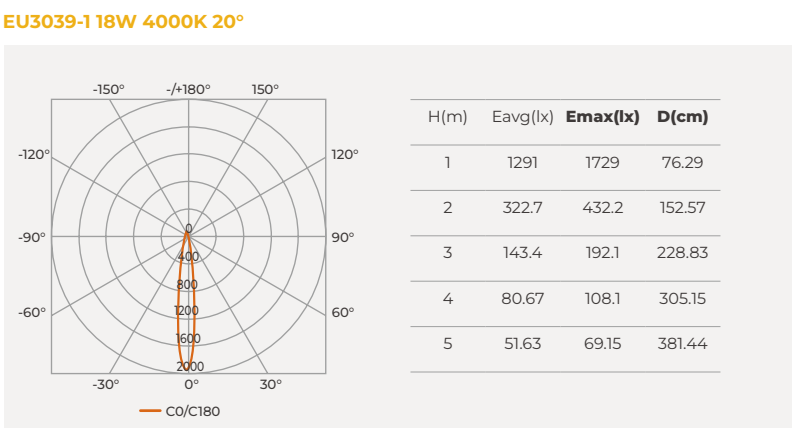
EU3039-1-SP



Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
12	24VDC DMX	-	CCT ,RGB	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	20/30/40/50/40x80	EU3039-1-SP-DMX-12W
18	24VDC DMX	-	CCT ,RGB,RGBW-FC	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	20/30/40/50/40x80	EU3039-1-SP-DMX-18W
24	24VDC DMX	-	CCT ,RGB,RGBW-FC	-	Constant voltage	Parallel	1.1M 4x0.5mm ²	20/30/40/50/40x80	EU3039-1-SP-DMX-24W
12	220VAC	1300	C,W,N	80	Constant voltage	Parallel	1.1M 3x1.0mm ²	20/30/40/50/40x80	EU3039-1A-SP-12W
18	220VAC	1900	C,W,N	80	Constant voltage	Parallel	1.1M 3x1.0mm ²	20/30/40/50/40x80	EU3039-1A-SP-18W
24	220VAC	2500	C,W,N	80	Constant voltage	Parallel	1.1M 3x1.0mm ²	20/30/40/50/40x80	EU3039-1A-SP-24W
27	220VAC	2800	C,W,N	80	Constant voltage	Parallel	1.1M 3x1.0mm ²	20/30/40/50/40x80	EU3039-1A-SP-24W

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

Product lists



EU5011

NEW!



Material	Aluminium
Surface	Tinting, powder coating, painting
PowerMode	External, constant current/voltage
Installation	Spike installation, adjustable angle
Weight	
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

228

ContentsWeb

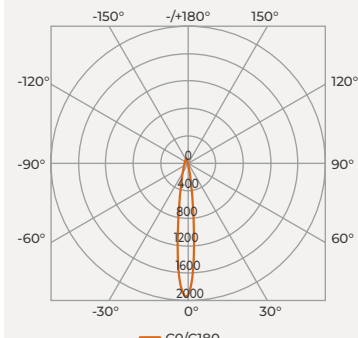
EU5011

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
10	24VDC	750	C,W,N,R,G,B,A	-	Constant voltage	Parallel	3M 2X0.75mm²	20/60	EU5011D

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀

EU5010 10W 4000K 20°



H(m)	Eavg(lx)	E _{max} (lx)	D(cm)
1	1208	1801	60.32
2	302	450.4	120.64
3	134.2	200.2	180.95
4	75.5	112.6	241.27
5	48.32	72.06	301.59



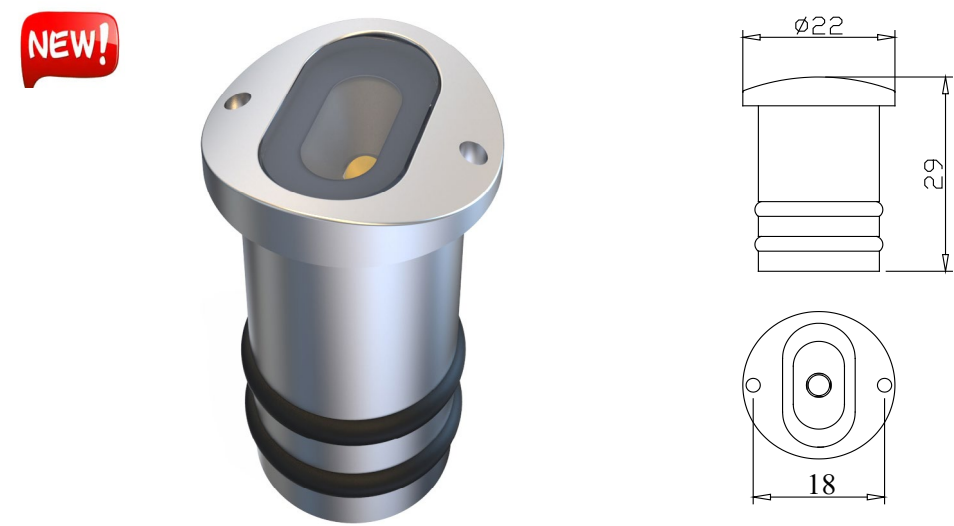
229



Contents

Photo	Model	Power(W)	Beam(°)	Color(K)	IP	Page
	EU1806	1.5	70X90/60x100	Monochrome/ FullColor	67	232/233 ▶
	EU2509	12	S20 / F60	Monochrome/ FullColor	65	234/235 ▶
	ML110-L	2	20/60	Monochrome/ FullColor	40	236/237 ▶
	ML102-L	2	20/60	Monochrome/ FullColor	40	238/239 ▶
	LED03	3	S20/F60	Monochrome/ FullColor	-	240/241 ▶
	LED009	9	S20/F60	Monochrome/ FullColor	-	242/243 ▶

EU1856



Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

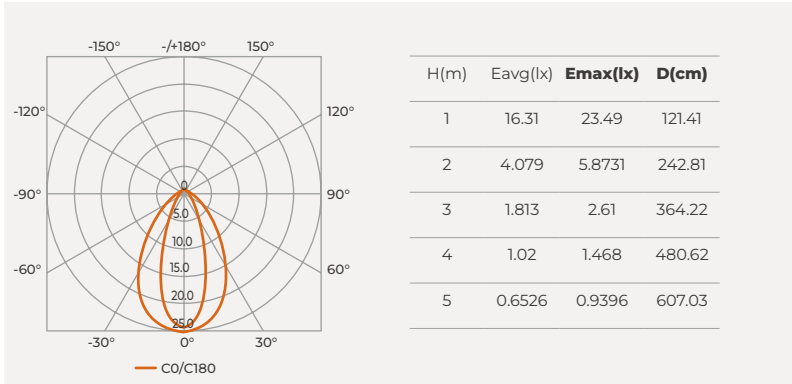


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1.5	24VDC	120	C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x0.4mm ²	70X90/60x100	EU1856D
1.5	350mA	120	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm ²	70X90/60x100	EU1856

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

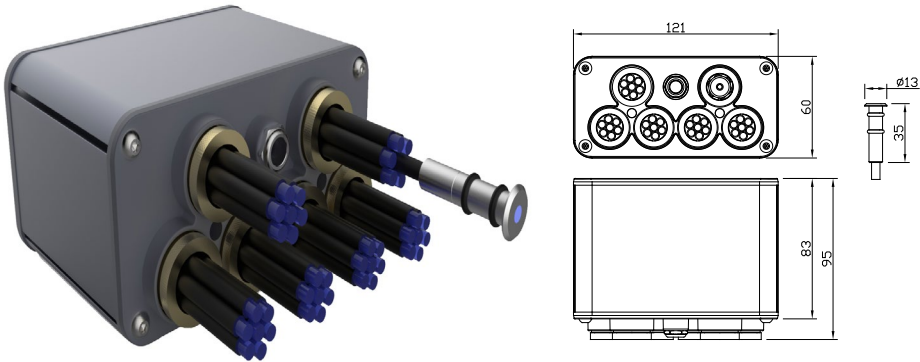
EU1856 1.5W 4000K 70x90°



Other Light

WebContents

EU2509



Material	Aluminium
Surface	Tinting
PowerMode	External, constant current/voltage
Installation	
Weight	
Control	On/off, DMX dimming, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	



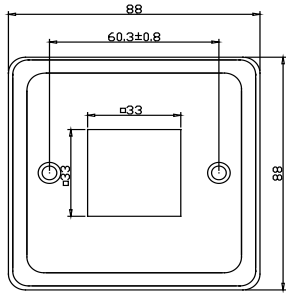
ContentsWeb

Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
12	24VDC DMX		C,W,N,R,G,B,A	80	Constant voltage	Parallel	1.1M 2x1.0+3x0.3mm ²	20/60	EU2509DMX
12	24VDC DMX		RGB		Constant current	Series	1.1M 2x1.0+3x0.3mm ²	120	EU2509DMX-RGB
12	24VDC DMX		RGBW		Constant voltage	Parallel	1.1M 2x1.0+3x0.3mm ²	120	EU2509DMX-RGBW

C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists◀

ML110-L



Material	Aluminium
Surface	Tinting
PowerMode	Constant voltage
Installation	Screw installation
Weight	
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Stylish, functional and finished to the highest standards in aluminum,it creates stunning effects on walls in both residential and commercial environments. Using a spot lens keeps the light narrow and direct,sending light over long distances. Complete with an integral power supply, wall fixings and pattress box, making installation quick and easy Tempered glass.

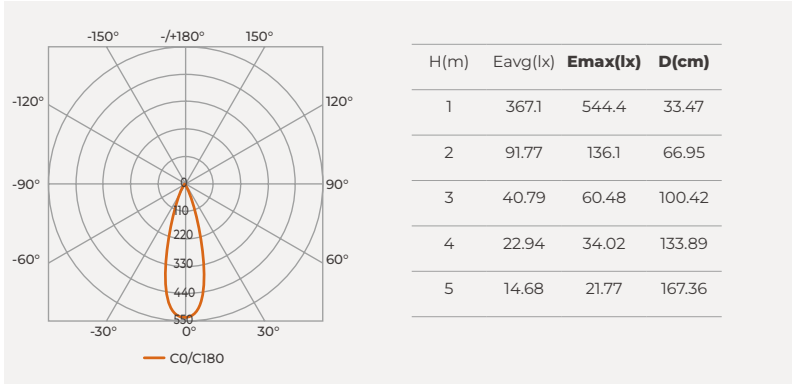


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1	220VAC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	-	20/60	ML110-L
2	220VAC	200	C,W,N,R,G,B,A	80	Constant voltage	Parallel	-	20/60	ML220-L

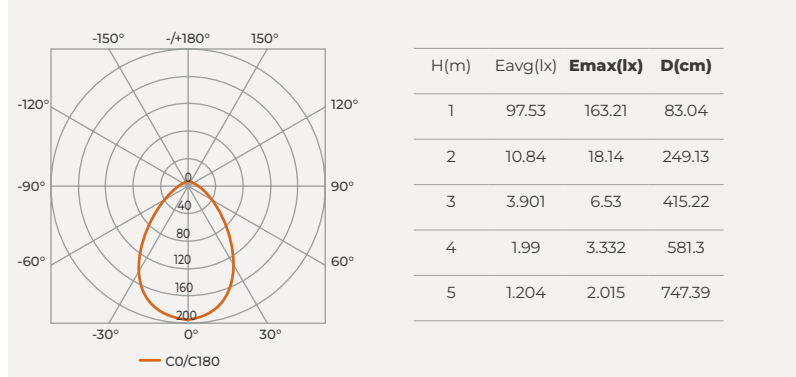
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;

Product lists

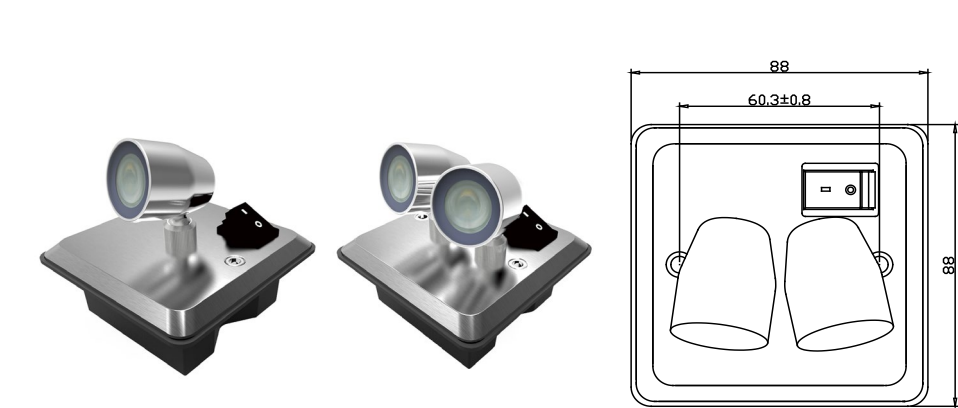
ML110 2W 4000K 20°



ML110 2W 4000K 60°



ML102-L



88

60,3±0,8

88

Material	SUS316
Surface	Polishing, wire drawing, passivation
PowerMode	Constant voltage
Installation	Screw installation
Weight	
Control	On/off
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

Mini wall lights are stylish and functional. Great for lighting pictures and focal items, as well as using for reading or simply adding style to walls,wooden beams and ceilings. Tempered glass. Made from marine grade stainless and IP rated to 40 allows for installation both indoor. You can chose from 6 ambient LED colors and 3 wall mounting brackets to suit any lighting scheme.

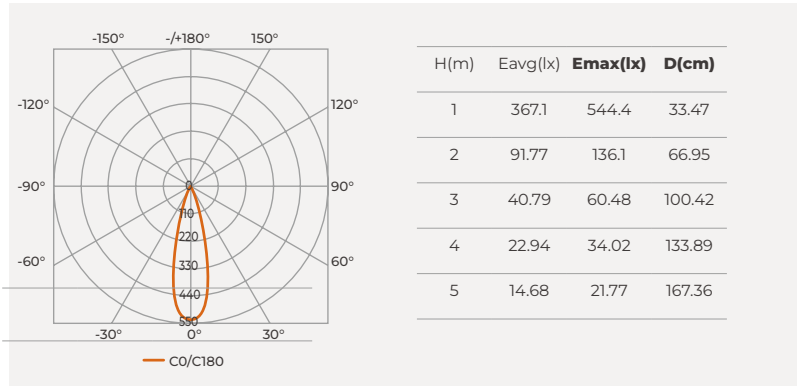


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
1	220VAC	100	C,W,N,R,G,B,A	80	Constant voltage	Parallel	-	20/60	ML102-L
2	220VAC	200	C,W,N,R,G,B,A	80	Constant voltage	Parallel	-	20/60	ML102-2L

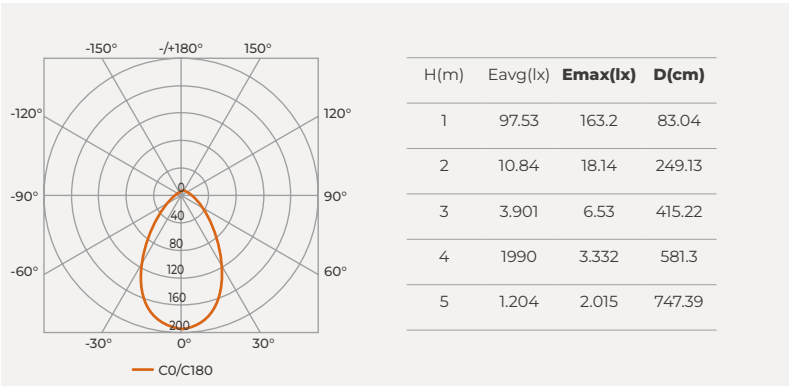
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

ML102-L 1W 4000K 20°



ML102-L 1W 4000K 60°



LED03



Material	Aluminium
Surface	Coating, tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.1kg
Control	On/off, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

A 50mm MR16 LED for retrofitting into existing LV housings,including ground lights,down lights,and wall lights.Tempered glass,The three high-power LEDs within this 3W unit come in a range of LED colors and emit the same intensity of light as a 20w halogen. It has a short rear heat sink for fitting into shallow housings, and a choice of flood(60°) or spot(20°) lens formats.

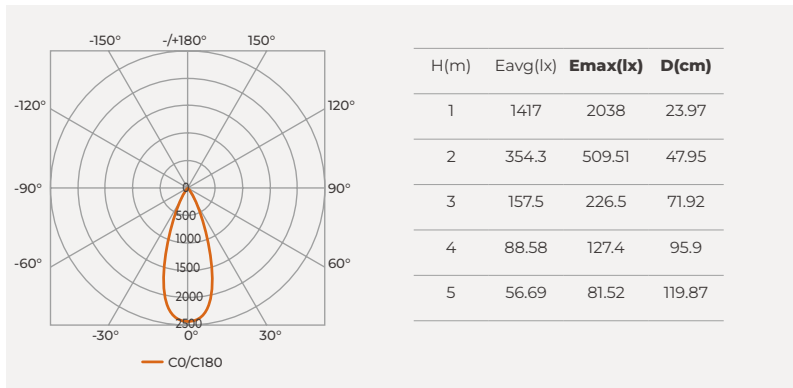


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
3	350mA	300	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm ²	20/60	LED03
3	350mA	-	R,G,B	-	Constant current	Series	2x1.1M 4x24AWG Plug	20/60	LED03RGB

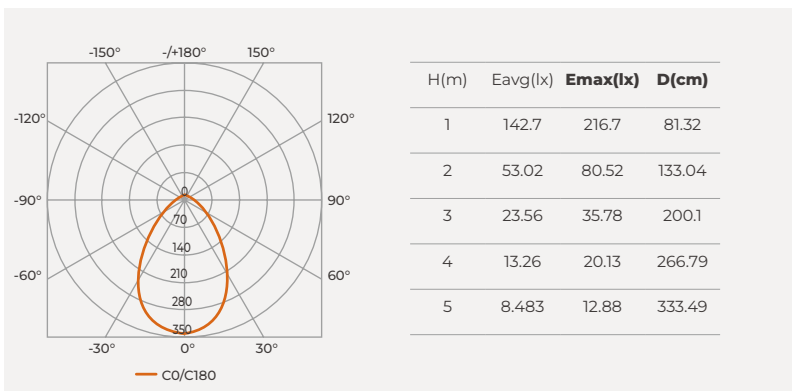
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately, [page256/257](#)

Product lists

LED03 3W 4000K 20°



LED03 3W 4000K 60°



LED09



Material	Aluminium
Surface	Coating, tinting
PowerMode	External, constant current/voltage
Installation	Embedded installation of buried lamp
Weight	0.15kg
Control	On/off, color dimming
Approvals	CE,RoHS,IP
Ambient temp.	-20°C ~+45°C
Average life	50,000Hrs
Accessories	

This low-energy, 50mm MR16 LED unit is a cost-saving alternative to expensive and maintenance hungry LV and GU halogens. It's a zero maintenance replacement that fits straight into existing Lv housings, including ground lights, down lights, and wall lights.Tempered glass. The three high-power LEDs within this 9w lamp emit more light than a 35W halogen, yet they run at a fraction of the cost.

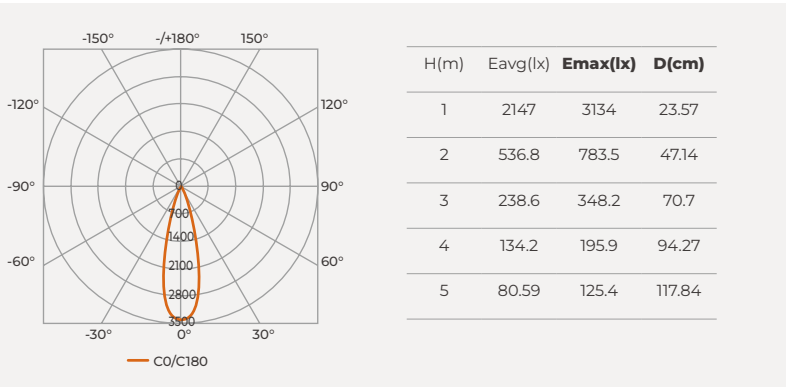


Power(w)	Input	Luminous Flux (lm)	Color(k)	Color Index	PowerMode	Wiring	Cable	Beam (°)	Model No.
9	700mA	-	C,W,N,R,G,B,A	80	Constant current	Series	1.1M 2x0.4mm ²	20/60	LED09
9	700mA	-	RGB	-	Constant current	Series	2x1.1M 4x24AWG Plug	45	LED09RGB

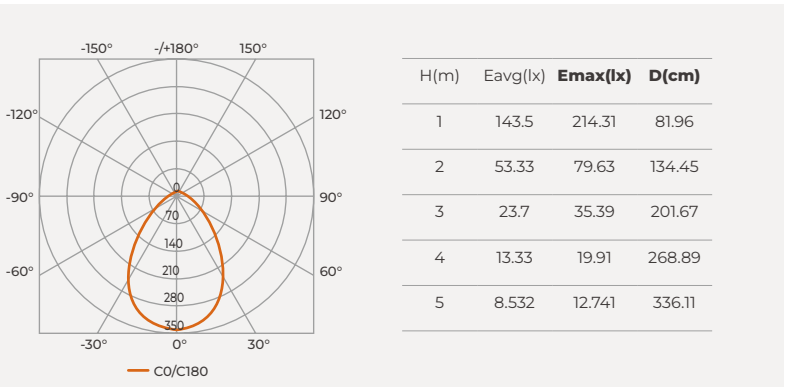
C-6000K/W-3000K/N-4000K/R-Red /G-Green/B-Blue/A-Amber;
Drive power supply to be provided separately , [page256/257](#)

Product lists

LED09 9W 4000K 20°



LED09 9W 4000K 60°





9

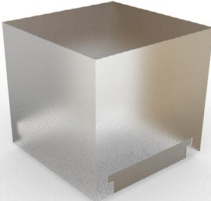
Customized

Contents

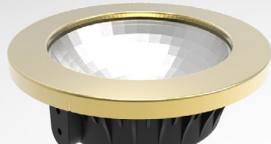
Web



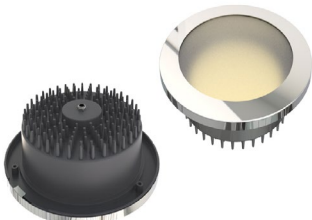
Power: 15W
IP Rating: IP65
Dimensions: D130*H35
Angle: 120



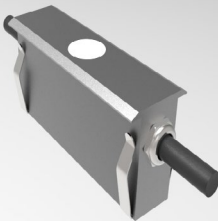
Power: 1W
IP Rating: IP65
Dimensions: 50X50X50
Angle: 180



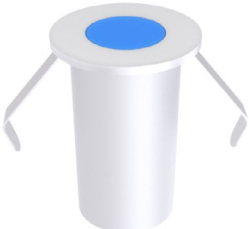
Power: 8W
IP Rating: IP65
Dimensions: D169*H55
Angle: 60



Power: 8W
IP Rating: IP65
Dimensions: D169*H55
Angle: 120



Power: 4W
IP Rating: IP67
Dimensions: 80*W26*H30
Angle: 120



Power: 0.5W
IP Rating: IP66
Dimensions: D28*h40
Angle: 120



Power: 15W
IP Rating: IP65
Dimensions: D418*H100
Angle: 120



Power: 3W
IP Rating: IP68
Dimensions: D82*H146
Angle: 120



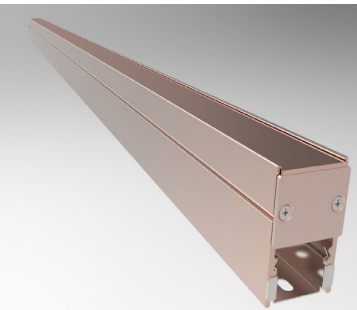
Power: 10W
IP Rating: IP65
Dimensions: D95*H223
Angle: 120



Power: 14W
IP Rating: IP65
Dimensions: 1000*W40*H37
Angle: 180



Power: 9W
IP Rating: IP67
Dimensions: W150*H216
Angle: 20/60



Power: 15W
IP Rating: IP66
Dimensions: 1000*W28*H46
Angle: 120



Power: 12W
IP Rating: IP68
Dimensions: 160XW109XH52
Angle: 20/60/120



Power: 12W
IP Rating: IP67
Dimensions: D160XH65
Angle: 120



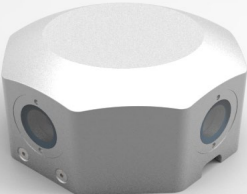
Power: 20W
IP Rating: IP65
Dimensions: 110*W49*H95
Angle: 10x120



Power: 2W
IP Rating: IP65
Dimensions: D50*H27
Angle: 120



Power: 8W
IP Rating: IP65
Dimensions: 150x150x40
Angle: 120



Power: 20W
IP Rating: IP65
Dimensions: 130*130*H70
Angle: 10



Power: 3W
IP Rating: IP65
Dimensions: D99XH45
Angle: 360



Power: 0.5W
IP Rating: IP65
Dimensions: D9/D12/D17
Angle: 70

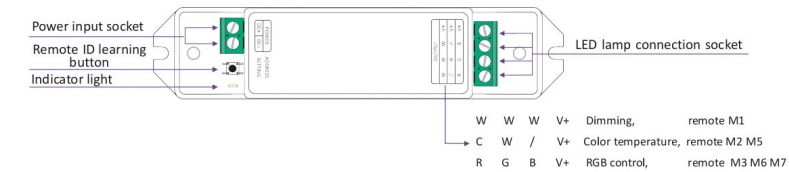
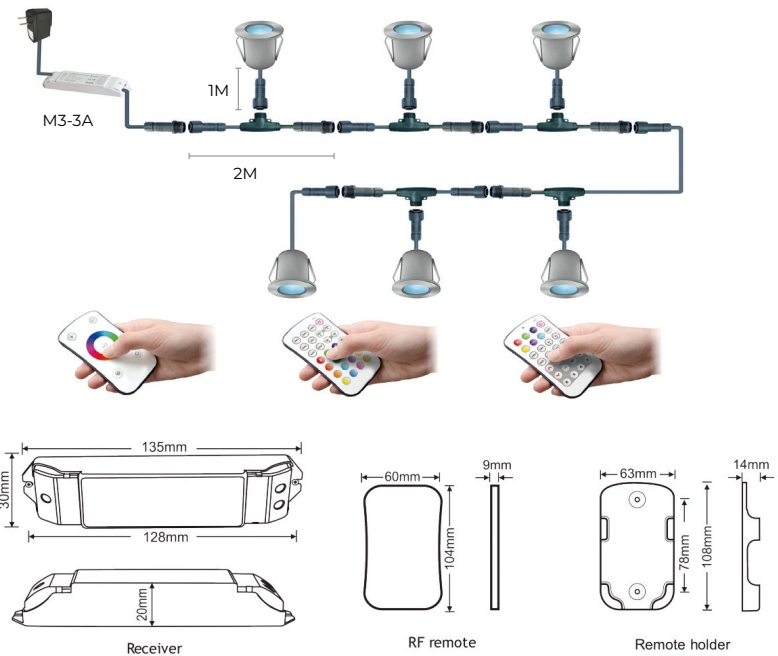


Power: 1W
IP Rating: IP65
Dimensions: D23xH60
Angle: 40



Mini M3+M3-3A

Model: M3-3A
Power Input: 12-24V DC
Max Current Load: Max 3Ax3CH
Max Output Power: 108W (12V) 216W (24V)
Working Temp: -30°C -55°C
Dimensions: L135xW30xH20 (mm)
Weight (N.W.) 47g
Total Weight (G.W.) 135g



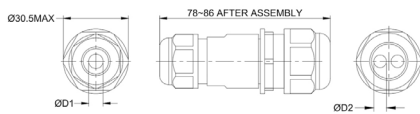


10 Part
目 网

Accessories



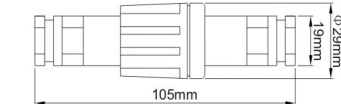
Name: Waterproof Connector
Model: 3T-M20-0806H2 3T-M20-1006H2
Pole: 3
Rated Operation Voltage: 400V
Rated Current: 13A
Operation Temp.: -40~95°C
Colour: Black
IP Rating: IP68
Waterproof depth: 4M
Weight: 36g
Approbations: TUV SAA CE



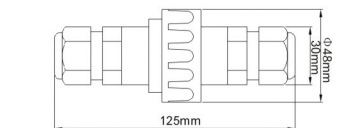
Part Model	For Cable ΦD1(mm)	For Cable ΦD2(mm)	Part1	Part2	Torque (kgf.cm)	Damage torque (kgf.cm)
3T-M32-1211H2	8-12	8.0-11.5	M32-H2-11	3/4	20-23	50
3T-M25-1411H2	10-14				40-45	80



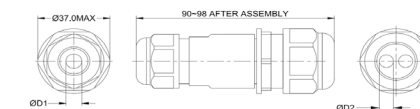
Model: WJM2/4P
Applied Type:
Voltage:0-250VAC MAX
Current: 6A MAX
Colour: Black
IP Rating: IP68
Applicable Diameter of Cables: 5-8mm
Weight: 38g
Approbations: CE



Model: WJ-4P
Applied Type:
Voltage:0-250VAC MAX
Current: 10A MAX
Colour: Black
IP Rating: IP68
Applicable Diameter of Cables: 6-10mm
Weight: 94g



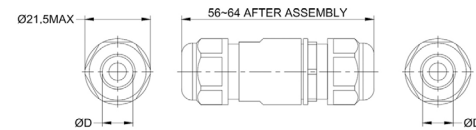
Model: 5T-M25-0806H4 5T-M25-1206H4
5T-M25-1406H4
Pole: 3 or 4
Rated Operation Voltage: 400V
Rated Current: 32A
Operation Temp.: -40~95°C
Colour: Black
IP Rating: IP68
Waterproof depth: 4M
Weight: 65g
Approbations: TUV SAA CE



Part Model	For Cable ΦD1(mm)	For Cable ΦD2(mm)	Part1	Part2	Torque (kgf.cm)	Damage torque (kgf.cm)
5T-M25-0806H4	8-8.1	4.0-6.5	M25-H4-06	3/4	20-23	50
5T-M25-0806H4	8-12				20-28	60
5T-M25-0806H4	10-14					



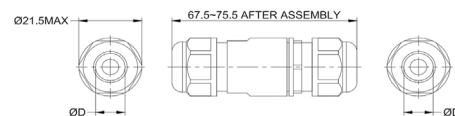
Name: Waterproof Connector
Model: KJ-PG9-07 KJ-PG9-05
Pole: 2
Rated Operation Voltage: 250V
Rated Current: 10A
Operation Temp.: -40~80°C
Colour: Black
IP Rating: IP68
Waterproof depth: 4M
Weight: 16.5g
Approbations: TUV SAA CE



Part Model	For Cable(mm)	Part1	Part2	Torque(kgf.cm)	Damage torque (kgf.cm)
KJ-PG9-07	5-7.9	PG9-08B	2	10.0-12.0	16.0
KJ-PG9-05	3-5.3	PG9-05B			



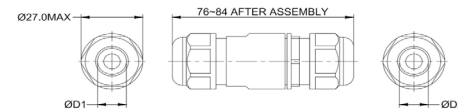
Name: Waterproof Connector
Model: KJ-PG9-08
Pole: 3
Rated Operation Voltage: 300V
Rated Current: 10A
Operation Temp.: -40~80°C
Colour: Black
IP Rating: IP68
Waterproof depth: 4M
Weight: 16.5g
Approbations: TUV SAA CE



Part Model	For Cable(mm)	Part1	Part2	Torque(kgf.cm)	Damage torque (kgf.cm)
KJ-PG9-08	4-8.2	KJ-PG9	3	10.0-12.0	16



Name: Waterproof Connector
Model: KJ-M20S-07 KJ-M20S-11
KJ4-M20S-0711 KJ4-M20S-07
KJ4-M20S-11
Pole: 3 or 4
Rated Operation Voltage: 400V
Rated Current: 13A
Operation Temp.: -40~95=8451;
Colour: Black
IP Rating: IP68
Waterproof depth: 4M
Weight: 30g
Approbations: TUV SAA CE



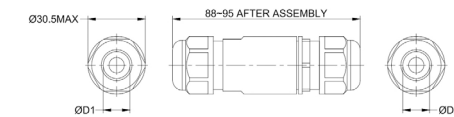
Part Model	For Cable ΦD1(mm)	For Cable ΦD2(mm)	Part1	Part2	Torque (kgf.cm)	Damage torque (kgf.cm)
KJ-M20S- 07	5-7.9	5-7.9	M20S-07	3/4	20-23 20-23	50 60
KJ-M20S- 11	7-10.5	7-10.5	M20S-11			
KJ-M20S- 0711	5-+7.9	7-10.5	M20S-11			
KJ-M20S- 07	5-7.9	5-7.9	M20S-07			
KJ-M20S- 11	7-10.5	7-10.5	M20S-11			

Contents

Web



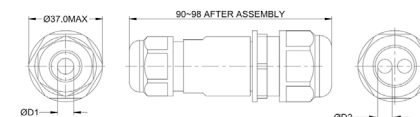
Name: Waterproof Connector
Model: KJ-M25S-08 KJ-M25S-10
KJ-M25S-12 KJ-M25S-1214
Pole: 3 or 4
Rated Operation Voltage: 400V
Rated Current: 32A
Operation Temp.: -40~95=8451;
Colour: Black*
IP Rating: IP68
Waterproof depth: 4M
Weight: 50g
Approbations: TUV SAA CE



Part Model	For Cable ΦD1(mm)	For Cable ΦD2(mm)	Part1	Part2	Torque (kgf.cm)	Damage torque (kgf.cm)
KJ-M25S- 08	5-8.1	8-12	M25S-08	3/4	20-23 20-23	50 60
KJ-M25S- 12	8-12	8-12	M25S-12			
KJ-M25S- 14	10-14	10-14	M25S-14			
KJ-M25S- 12-14	10-14	8-12	M25S-12			



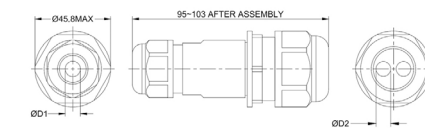
Name: Waterproof Connector
Model: 3T-M25-1208H2 3T-M25-1408H2
3T-M25-0808H2
Pole: 3 or 4
Rated Operation Voltage: 400V
Rated Current: 32A
Operation Temp.: -40~95°C
Colour: Black
IP Rating: IP68
Waterproof depth: 4M
Weight: 65g
Approbations: TUV SAA CE



Part Model	For Cable ΦD1(mm)	For Cable ΦD2(mm)	Part1	Part2	Torque (kgf.cm)	Damage torque (kgf.cm)
3T-M25-1208H2	8-12	5.0-8.3	M25-H2-08	3/4	20-23 20-28	50 60
3T-M25-1408H2	10-14					
3T-M25-0808H2	5-8.1					



Name: Waterproof Connector
Model: 3T-M32-1211H2 3T-M32-1411H2
Pole: 3 or 4
Rated Operation Voltage: 400V
Rated Current: 32A
Operation Temp.: -40~95°C
Colour: Black
IP Rating: IP68
Waterproof depth: 4M
Weight: 65g
Approbations: TUV SAA CE

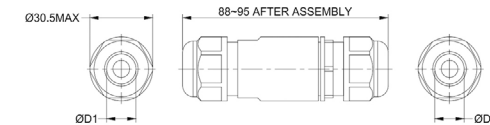


Part Model	For Cable ΦD1(mm)	For Cable ΦD2(mm)	Part1	Part2	Torque (kgf.cm)	Damage torque (kgf.cm)
3T-M32-1211H2	8-12	8.0-11.5	M32-H2-11	3/4	20-23	50
3T-M25-1411H2	10-14				40-45	80

Accessories



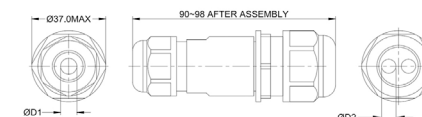
Name: Waterproof Connector
Model: KJ5-M25S-08 KJ5-M25S-10
KJ5-M25S-12 KJ5-M25S-1214
Pole: 5
Rated Operation Voltage: 500V
Rated Current: 13A
Operation Temp.: -40~95=8451;
Colour: Black*
IP Rating: IP68
Waterproof depth: 4M
Weight: 50g
Approbations: TUV SAA CE



Part Model	For Cable ΦD1(mm)	For Cable ΦD2(mm)	Part1	Part2	Torque (kgf.cm)	Damage torque (kgf.cm)
KJ-M25S- 08	8-8.1	8-12	M25S-08	5	20-23 20-23	50 60
KJ-M25S- 12	8-12	8-12	M25S-12			
KJ-M25S- 14	10-14	10-14	M25S-14			
KJ-M25S- 12-14	10-14	8-12	M25S-12			



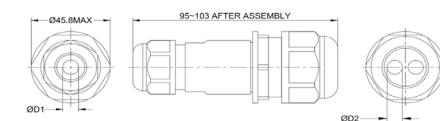
Name: Waterproof Connector
Model: 4T-M25-0808H3 4T-M25-1208H3
4T-M25-1408H3
Pole: 3 or 4
Rated Operation Voltage: 400V
Rated Current: 32A
Operation Temp.: -40~95°C
Colour: Black
IP Rating: IP68
Waterproof depth: 4M
Weight: 65g
Approbations: TUV SAA CE



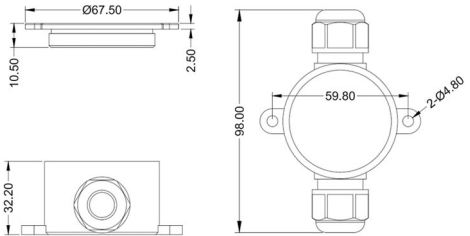
Part Model	For Cable ΦD1(mm)	For Cable ΦD2(mm)	Part1	Part2	Torque (kgf.cm)	Damage torque (kgf.cm)
4T-M25-0808H3	5-8.1	5.0-8.0	M25-H3-08	3/4	20-23 20-28	50 60
4T-M25-1208H3	8-12					
4T-M25-1408H3	10-14					



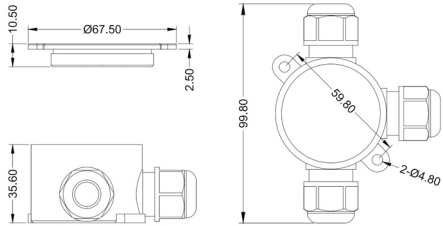
Name: Waterproof Connector
Model: 4T-M32-1201H2 4T-M32-1408H3
Pole: 3 or 4
Rated Operation Voltage: 400V
Rated Current: 32A
Operation Temp.: -40~95°C
Colour: Black
IP Rating: IP68
Waterproof depth: 4M
Weight: 80g
Approbations: TUV SAA CE



Part Model	For Cable ΦD1(mm)	For Cable ΦD2(mm)	Part1	Part2	Torque (kgf.cm)	Damage torque (kgf.cm)
4T-M32-1210H3	8-12	7.0-10.5	M32-H3-10	3/4	20-23	50
4T-M25-1410H3	10-14				40-45	80



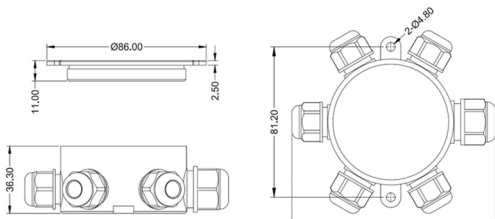
Name: Junction Box
Model: EIP68-1A EIP68-1B EIP68-1C
Colour: Black
IP Rating: IP68
Waterproof depth: 4M
Weight: 45g
Approbations: ROHS



Name: Junction Box
Model: EIP68-2A EIP68-2B EIP68-2C
Colour: Black
IP Rating: IP68
Waterproof depth: 4M
Weight: 53g
Approbations: ROHS

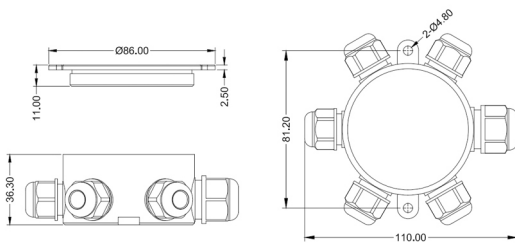
Part number	In cable	Out cable	Inside dimension
EIP68-1A	1xΦ7-10.5	1xΦ7-10.5	Φ45x30mm
EIP68-1B	1xΦ5-8.0	1xΦ5-8.0	
EIP68-1C	1xΦ7-10.5	1xΦ7-8.0	

Part number	In cable	Out cable	Inside dimension
EIP68-2A	2xΦ7.0-10.5	1xΦ7-10.5	Φ45x33.3mm
EIP68-2B	2xΦ5.0-8.0	1xΦ5-8.0	
EIP68-2C	2xΦ7.0-10.5	1xΦ7-8.0	



Name: Junction Box
Model: EIP68-3A EIP68-3B
EIP68-3C EIP68-3D
Colour: Black
IP Rating: IP68
Waterproof depth: 4M
Weight: 65g
Approbations: ROHS

Part number	In cable	Out cable	Inside dimension
EIP68-3A	1xΦ7.0-10.5	1xΦ7-7.9	Φ55x34mm
EIP68-3B	1xΦ5.0-8.0	1xΦ5-8.3	
EIP68-3C	1xΦ7.0-10.5	1xΦ7-7.9	
EIP68-3D	1xΦ7.0-10.5	1xΦ7-8.3	



Name: Junction Box
Model: EIP68-5A EIP68-5B
EIP68-5C EIP68-5D
Colour: Black
IP Rating: IP68
Waterproof depth: 4M
Weight: 78g
Approbations: ROHS

Part number	In cable	Out cable	Inside dimension
EIP68-5A	1xΦ7.0-10.5	5xΦ5.0-7.9	Φ62.5x34mm
EIP68-5B	1xΦ7.0-10.5	5xΦ5.0-8.3	
EIP68-5C	1xΦ5.0-8.0	5xΦ5.0-7.9	
EIP68-5D	1xΦ5.0-8.0	5xΦ5.0-8.3	



FQ16-2P waterproof extended line

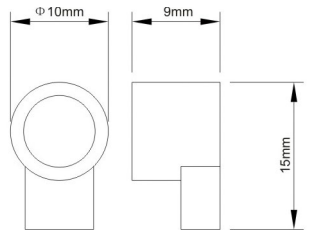
Model: FQ16-2P Waterproof Connector
Approbations: CE
Current: 10A max
Colour: Black
IP Rating: IP67



Name: Waterproof connection plug
Model: S06
Input: 500V max
Rated Current: 8A
IP Rating: IP68
Applicable Diameter of Cables: 5-9mm



UY2 quick Waterproof Connector
Use cable 0.2-0.5mm²
not suitable for high voltage



Name: Parallel T type three way
Waterproof plug connector 2P/4P
Model: 3T
Input: 300V max
Rated Current: 13A
IP Rating: IP67
Applicable Diameter of Cables: 5---9mm
Insulator material: Nylon
Connection: screw type



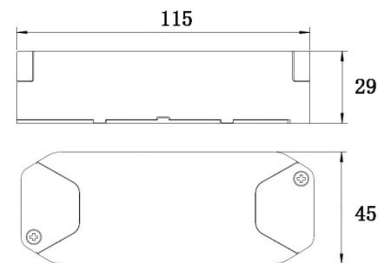
Model: M20B-2P Tee Waterproof Connector
M20B-2PWaterproof plug
Approbations: CE
Current: 15A max
Colour: Black
IP Rating: IP67



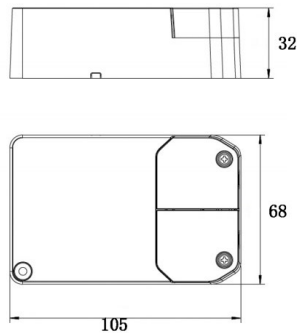
Model: M20B-4P Tee Waterproof Connector
M20B-4PWaterproof plug
Approbations: CE
Current: 12A max
Colour: Black
IP Rating: IP67



Accessories



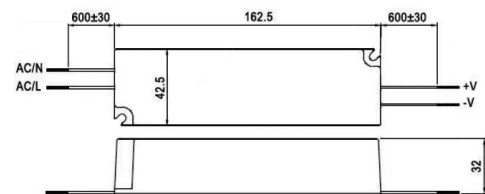
Model: CertaDrive 15W 0.35A 42V
LED Type: High Power LED 15W
Supply Voltage: 220~240V AC
Supply Current: 0.08A
Frequency: 50/60Hz
Power Factor: ≥ 0.9
Constant Output Current: 350mA
Rated Output Power: 11~15W
Rated Output Voltage: 32~42V DC
Temp Range: 0°C ~+50°C
Tc=75°C
Dimensions: 115 x 45 x 29mm



Model: CertaDrive 25W 0.6A 42V
LED Type: High Power LED 25W
Supply Voltage: 220~240V AC
Supply Current: 0.14A
Frequency: 50/60Hz
Power Factor: ≥ 0.9
Constant Output Current: 600mA
Rated Output Power: 20~25W
Rated Output Voltage: 32~42V DC
Temp Range: 0°C ~+50°C
Tc=75°C
Dimensions: 105 x 68 x 32mm



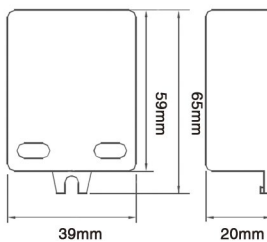
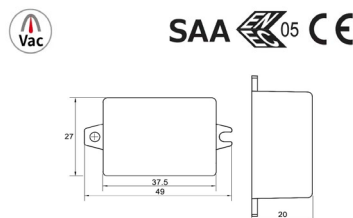
Input: 230/240VAC 50Hz
Standard: EN61558-1 EN61558-2-6
Approbations: Europe,UK,SAA
Dimensions: 102x64x74mm
Weight: 1450g



Model: LSC4W350LRP UNI
LED Type: High Power LED 1W x3.3W
Supply Voltage: 100~240VAC
Supply Current: 85mA_s
Frequency: 50/60Hz
Power Factor: 0.45
Constant Output Current: 350mA
Rated Output Power: 1-3.3W
Rated Output Voltage: 2.7-9.5VDC
Temp Range: -20°C ~ +50°C
Tc=80°C
Dimensions: 49 x 27 x 20mm

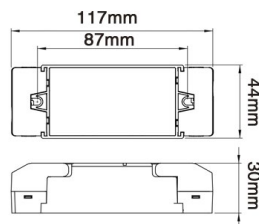
Web Contents

Contents Web

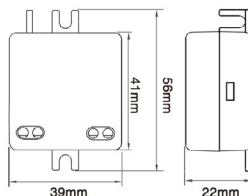


Model: LSC4W350LRP
LED Type: High Power LED 1W x 3
Supply Voltage: 100~240VAC
Supply Current: 85mA
Frequency: 50/60Hz
Power Factor: 0.45
Constant Output Current: 350mA
Rated Output Power: 1-3.3W
Rated Output Voltage: 2.7-9.5VDC
Temp Range: -20°C ~ +50°C
Tc=80°C
Dimensions: 49 x 27 x 20 mm

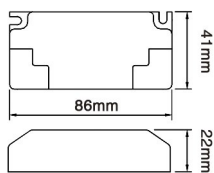
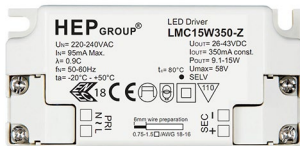
Model: LSC6W350
LED Type: High Power LED 1W x 3 to 6
Supply Voltage: 100~240V AC
Supply Current: 36mA_s
Frequency: 50/60Hz
Power Factor: 0.9
Constant Output Current: 350mA
Rated Output Power: 3-6W
Rated Output Voltage: 8.6-18V DC
Temp Range: -20°C ~ +50°C
Tc=80°C
Dimensions: 55.5 x 38.5 x 22mm
Weight:



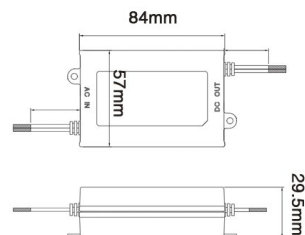
Model: LIC9W350-Z
LED Type: High Power LED 1W x 6 to 9
Supply Voltage: 100~240V AC
Supply Current: 130mA max.
Frequency: 50/60Hz
Power Factor: 0.9
Constant Output Current: 350mA
Rated Output Power: 6~9W
Rated Output Voltage: 17.1~25.7V DC
Temp Range: -20°C ~ +50°C
Tc=80°C
Dimensions: 65 x 39 x 20mm
Weight: 48g



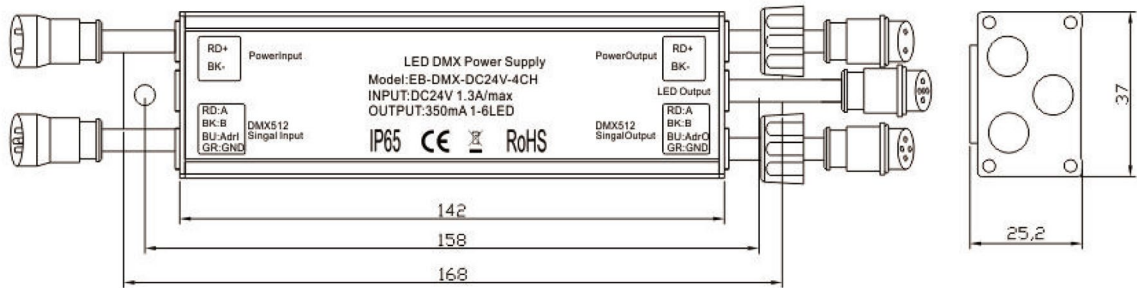
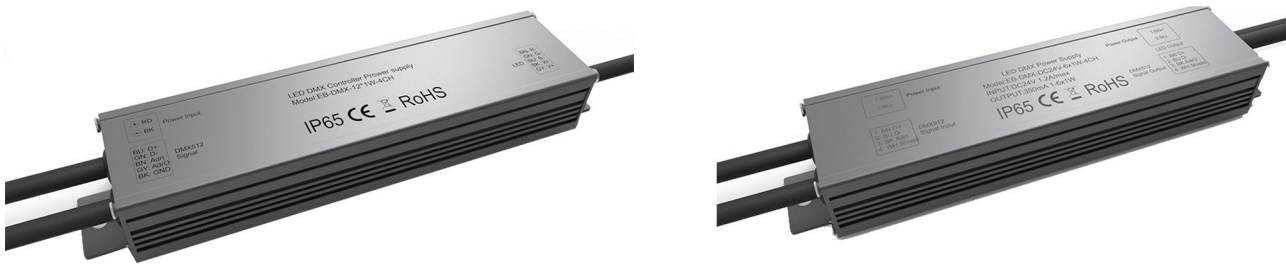
Model: LMC15W350-Z
LED Type: High Power LED 1W x 10 to 15
Supply Voltage: 220~240VAC
Supply Current: 95mA max.
Frequency: 50/60Hz
Power Factor: 0.9
Constant Output Current: 350mA
Rated Output Power: 9.1~15W
Rated Output Voltage: 26~43V DC
Temp Range: -20°C ~ +50°C
Tc=80°C
Dimensions: 85 x 41 x 22mm
Weight: 55g



Model: LBC20W350-Z
LED Type: High Power LED 1W x 13 to 20
Supply Voltage: 100~240V AC
Supply Current: 245mA max.
Frequency: 50/60Hz
Power Factor: 0.9
Constant Output Current: 350mA
Rated Output Power: 13~20W
Rated Output Voltage: 35~58V DC
Temp Range: -20°C ~ +50°C
Tc=80°C
Dimensions: 117 x 44 x 30mm
Weight: 86g



Model: APC-35-350
LED Type: High Power LED 1W x 10 to 35
Supply Voltage: 100~240V AC
Supply Current: 500mA max.
Frequency: 50/60Hz
Power Factor: 0.84
Constant Output Current: 350mA
Rated Output Power: 10~35W
Rated Output Voltage: 28~100V DC
Temp Range: -30°C ~ +70°C
Tc=80°C
Dimensions: 84 x 57 x 29.5mm
Weight: 150g



EB-DMX-DC24V-6X1W-4CH
LED DMX Power Supply
Input Voltage: DC24V
Output Current: 350mA/CH*4CH
Output Power: 1-6W*4CH
Driving quantity: 1-6pcs hi-PowerLED x 4CH
350mA:1-6pcs hi-Power1W LED

EB-DMX-12X1W-4CH
LED DMXPower Supply
Input Voltage: DC48V
Output Current: 350mA/CH*4CH
Output Power: 10-12W*4CH
Driving quantity: 10-12pcs hi-PowerLED x 4CH
350mA:1-6pcs hi-Power1W LED



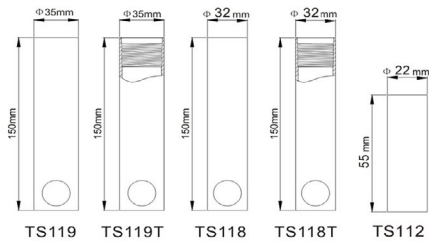
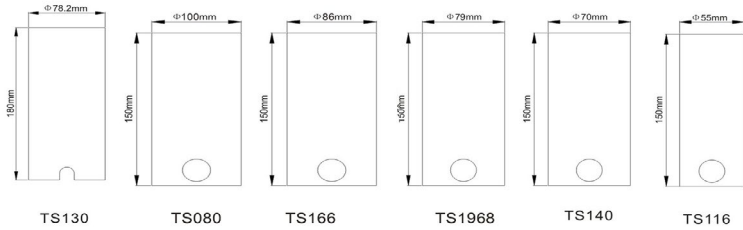
MR-502DMX Controller

Input Voltage:AC12V/DC7.5-24V/DC5V
Rated Power:2W
Weight:0.6KG
Dimensions:190x96x32
1.32-65536 gray level control, which can truly restore image color and details;
2. use keys to quickly set controller parameters, such as drive chip type and controller programming
Number, program segment, playback speed, lamp brightness;
3. support the remote controller to set controller parameters, such as drive chip type and controller programming
Number, program segment, playback speed and frame skipping frequency, lamp brightness and on / off Time;
4. support SD card to store animation data, which is convenient and fast;
5. program segments can be independently set to be broadcast at regular intervals of year, month, day, time and week;
6. the controller output has 2-port SPI signal output and 2-port DMX512 signal output;
7. support for mr-dmx05, dmx512ap
Address function of DMX512 decoding chip such as ucs512;
8. the controllers support AC power frequency synchronization, synchronization line synchronization and other synchronization methods;
9. support most serial drive LED driver chips
Support standard usittdmx512/1990 general protocol and extended DMX512 protocol



MR-DL11DMX Controller

Output interface synchronous serial shift data signal × 1. Compatible with DMX512 signal × one
Gray level 256-65536
Input Voltage AC12V/ DC7V-32V/ DC5V
Rated Power 2W
SD card capacity 8GB (factory standard configuration)
Monomer dimensions 147.0mm × 70.6mm × 26.6mm
Interface type 3pin terminal × 3 4Pin terminal × two
1. 32-65536 gray level control, which can truly restore image color and details;
2. use keys to quickly set controller parameters, such as program segments and playback speed;
3. support SD card to store animation data, which is convenient and fast;
4. the controller output has 1 Port SPI signal output and 1 Port DMX512 signal output (can be output at the same time);
5. a variety of driver chips are controlled and integrated, and the chip type and clock frequency are changed through software settings
Rate, duty cycle, gray level and other parameters;
6. AC power frequency synchronization is supported between controllers;
7. support most serial drive LED driver chips
8. support standard usittdmx512/1990 general protocols and extensions
DMX512 protocol



TS180



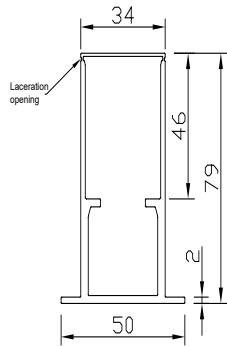
TS240



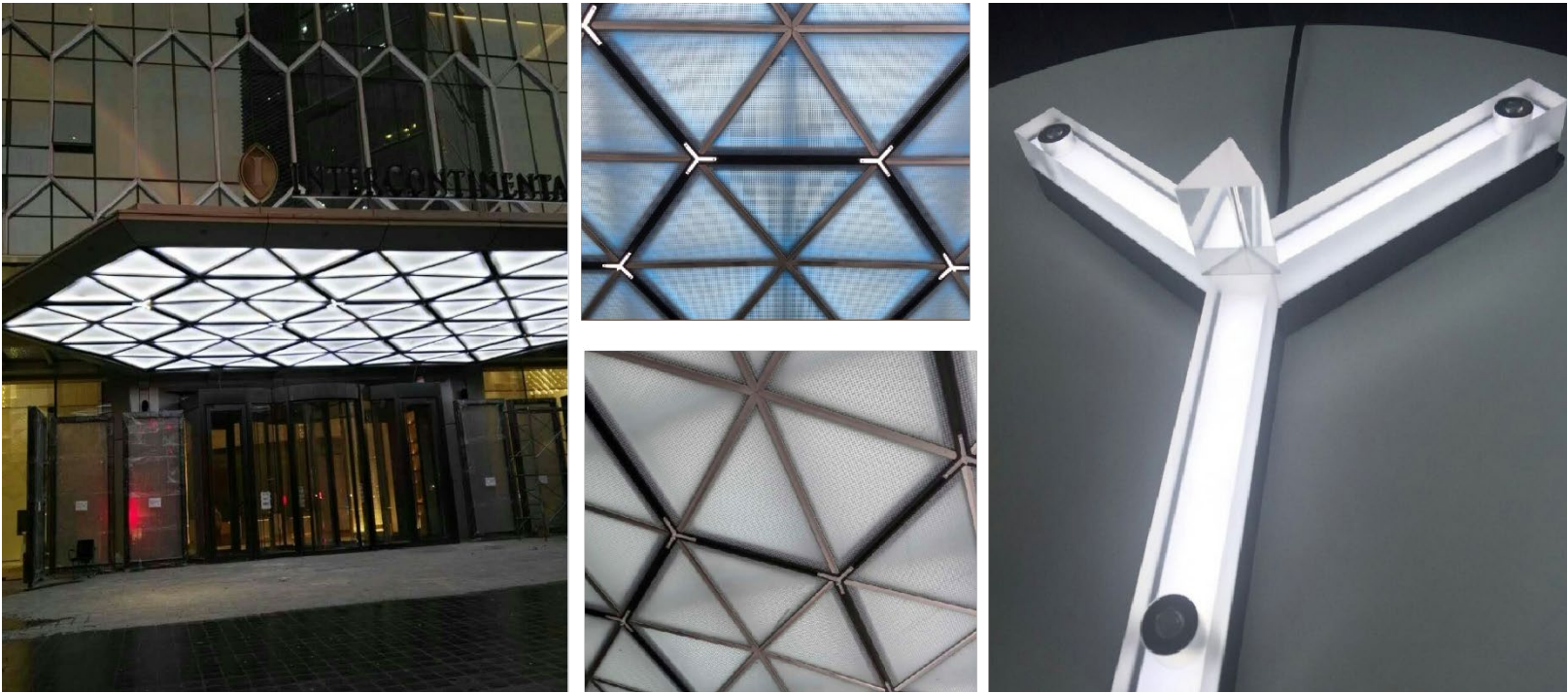
TS1960



TS110



TS1953



InterContinental Sanlitun Hotel, Beijing



Excellence Treasure Center Times Square, Shenzhen



Cultural tourism hotel project case



Cases of municipal engineering projects



Shenzhen Center . Tianyan



Shenzhen Bay I



Waldorf Hotel Chengdu



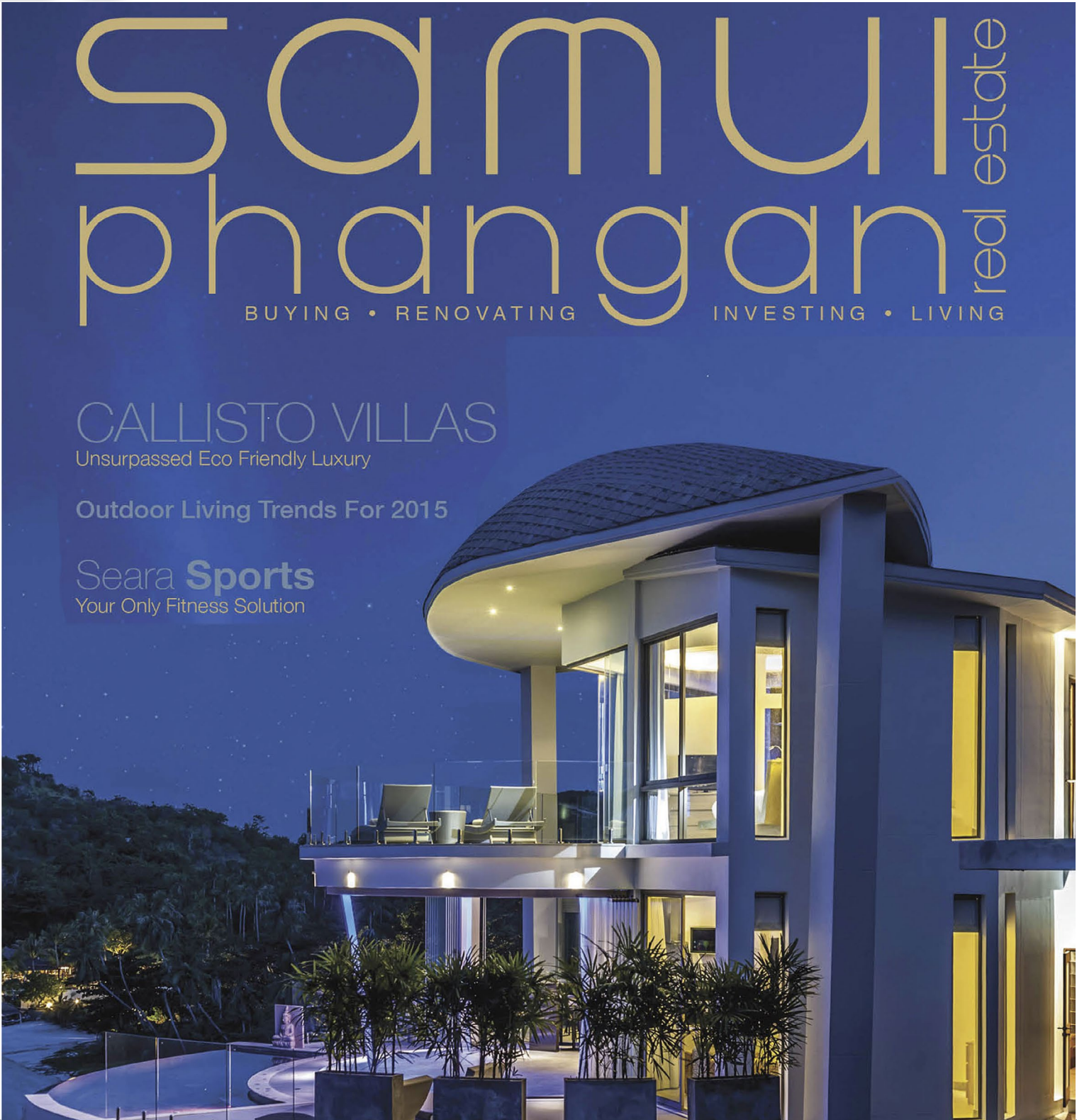
Chengdu Yintai Center



Shenzhen Merchants Shekou Plaza



Excellence Treasure Center Times Square, Shenzhen



1.Underwater
2.Fountain
3.Ground
4.Spot
5.Line
6.Wall
7.Spike
8.Customized
9.Other
System
Accessories

Project

Web

Contents

Project

InterContinental Sanlitun Hotel, Beijing

NUO Hotel Universal Studios, Beijing

Beijing Zhaolong Hotel

Beijing Jiuzhang Villa

Diaoyutai State Guest House, Beijing

Lize Peace Center, Beijing

Beijing Garden Expo China Pavilion, Yunnan Pavilion

Beijing Guomao Apartment

Project Phase II of Beijing Fangheng Real Estate Co., LTD

Beijing Tongrentang

JW Marriott Hotel, Jinan

Fairmont Hotel, Wuhan

Night scene lighting of Maotai Town, Guizhou

Longxiang International Landscape Lighting,Shenyang

Sanya Joy City

China Resources Times Square, Nanning, Guangxi

Nantou Ancient City, Shenzhen

Qianhai Kerry Center, Shenzhen

Shekou Merchants Plaza, Shenzhen

Sanya Haitang Bay

Ocean Flower Island, Hainan

Chimelong Tourist area of Hengqin New District, Zhuhai and Panyu District,Canton

Chengde Museum, Hebei

Rongcheng Youth Palace, Shandong

Peacebird Clothing Headquarters Building, Ningbo

Jinhai Lake, Fengxian, Shanghai

Happy Valley, Xi'an

Xi'an Vanke Daming Palace

East Purple Garden of Shanghai Sheshan National Tourist Resort

Swisstouches Hotel, Xi'an

Xi'an Financial Center

Henan Jianye Plaza

Wuhan Beach

East Ocean Centre, Shenzhen

OCT Harbour, Shenzhen

Dabaihui,Shenzhen

Excellence Treasure Center Times Square, Shenzhen

Tencent Building of Binhai,Shenzhen

Center of Excellence, Shenzhen

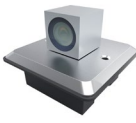
Jiuyue Building,Shenzhen

Chow Tai Fook, Guangzhou

Contents	Web					
Uderwater Light						
	EU1920	EU1960	GL108	GL112	GL112H	GL116
						
	GL116Q	GL116SQ	GL118	GL118T	GL119	GL119CT
						
Fountain Light	GL119SQ	GL129	GL140B	GL140BP	GL140	GL140SQ
						
	GL150					
						
	GL550	GL166	GL168	GL266	GL268	GL308
Ground Light						
	BL100					
						
	PL021	PL023	PL023-L	PL026	EU3042	EU1971
						
	EU1972					
						
	FL410	FL411				
						
	EU1965H	EU1968	EU1968B	GL117	GL130	GL154
						
	GL191					
						
	GL080	GL120	GL180	GL240	GL310	EU1953
						
						EU1947

1.Underwater
2.Fountain
3.Ground
4.Spot
5.Line
6.Wall
7.Spike
8.Customized
9.Other
System
Accessories

	 EU1948	 EU1950	 EU1919-2	 RD077	 EU1966		
Spot Light	 EU3036	 EU3039-1	 EU3040	 EU3040B	 EU3060	 PL608	 PL612
	 PL618	 PL624	 PL824	 EU3030-1	 EU3030-2	 EU3030-3	 EU2001
	 EU2006	 RD085					
Line Light	 EU2004	 EU2007	 EU2008	 EU2011	 EU2012	 EU2018	 EU2009
	 EU2009HP	 LL700	 LL710				
Wall Light	 EU1811-1P	 EU1811-2P	 RD007	 EU1808	 EU1820	 ML101	 ML102

	 ML103	 ML104	 ML110	 RD025	 RD063	 RD083	 GL112SJ
	 RD031						
Spike Light	 SL131	 SL133	 SL100	 EU3039-1-SP	 EU5011		
Other Light	 EU1856	 EU2509	 ML110-L	 ML102-L	 LED03	 LED09	

Http: www.eurborn.com E-mail: info@eurborn.com

Factory address: No.6 Hongshi Road, Ludong District, Humen Town, Dongguan City, Guangdong Province, China

Tel: +86 769-85232755 Fax: +86 769-85232835

Office address: Room 702, Huihai Building, No. 430 Dongguan Avenue, Nancheng District, Dongguan City, Guangdong Province, China

Tel: +86 769 2302 2798 ; Fax: +86 769 2302 2799

Office address (HK) : RM 2914, 29/F, Ho King Commercial Centre, 2-16 Fa Yuen Street, Mongkok, K1 HK

Tel: +852 3689 5995 ; Tel: +852 3484 8836

The present technical data sheet and all the information contained is property of Eurborn. All rights reserved.

We reserve the right to change specifications without prior written notice.