Factory Address:No. 6,Hongshi Road, Ludong District,Humen Town,
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Office Address: Room 702, Zhe Jiang Commercial Building, No. 430
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Office Address(HK):Rm 2914, 29 F, Ho King Commercial Centre,
2-16 Fa Yuen Street, Mongkok KLN, HK, China.
Tel: +852 368 95995 Fax: +852 3484 8836

Website: www.eurborn.com Email: info@eurborn.com

The catalogue is subject to change without further notice.

EURBORN® 2027 CATALOGUE

EURBORN

2027

HYPERLINK INSTRUCTIONS

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To product guidance page

To product details page

007–084 UNDERWATER LIGHT

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GL112	019	GL140B	045	PL026	071
GL112H	021	GL140BP	047	EU3030	073
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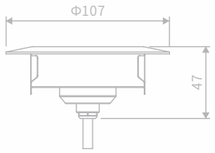
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Product Guidance

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	GL112	1	520/F60	Single/ full colour	68	019/020 ▶
	GL112H	1	520/F60	Single	68	021/022 ▶
	GL116	1	512/F45	Single/ full colour	68	023/024 ▶
	GL116H	1	520/F60	Single	68	025/026 ▶

3 Product details page



Underwater Light
Fountain Light
Ground Light
Spot Light

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EURBORN



SPECIALISING IN

WATERPROOF LIGHTING

CATALOGUE

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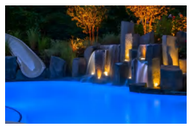
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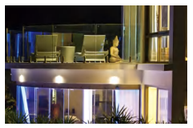
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CORPORATE PROFILE

Eurborn

Eurborn, originating from the brand design concept of Italian designers, with the creative design and pursuit of excellent quality lighting as the core positioning, focuses on the most advanced LED technology and craftsmanship and is committed to providing high-quality lighting application solutions.After more than 20 years of dedicated development, "Eurborn" has become a well-known LED lighting brand with its unique product style and excellent quality.

In 2006, we invested and established Eurborn Corporation Limited in Dongguan, the world's smart manufacturing capital. With logistics, industrial and supply chain superiority, we offer a full range of services to international markets such as Europe, North America, Asia, Oceania, etc. At the same time, we have established a domestic marketing centered around Beijing, and established service centers in cities such as Shanghai, Nanjing, and Chengdu.



In 2001
Originated from Italy

More than 20yrs
Dedicated development

In 2006
Established Eurborn Corporation Limited







An area of the production base covered
More than 5400m²

Automatic production line
9 Units

Production Base

Our R&D and production base covers an area of more than 5,400 squaremeters, with a development center, mould center, injection moulding center, CNC center, dust-free spray center, dust-free assembly center, silkscreen and pad printing center, inspection and testing center, warehousing and logistics center and other full-process service departments, and 6 automated production lines and 3 semi-automated production lines. By investing in supporting facilities, we avoid the uncontrollable waste of time and cost of third-party processing and ensure the reliability of service, quality and delivery.

"Eurborn"Team

"Eurborn" focuses on the reserve of technical talents and the construction of a Highly qualified team.We provide a broad platform for growth, advancement and harvesting, nesting and fostering, and building a full-fledged team that is innovative and independent.The company currently has 22 professional senior engineers. We currently has a development team of 22 professional middle and senior engineers, based on professional academic research, led by senior engineers, all of whom have more than 15 years of work experience in mold and lighting design institutes.

"Eurborn" lamps and designs in projects are spread all over the world. Our team has become a leading force in the development of the industry. At the same time, we have also established a deep-level school-enterprise production-university-research strategic cooperation relationship with universities, constantly complementing each other's advantages to form strong competitiveness.

Senior Engineers
22

Work experience
More than 15 years

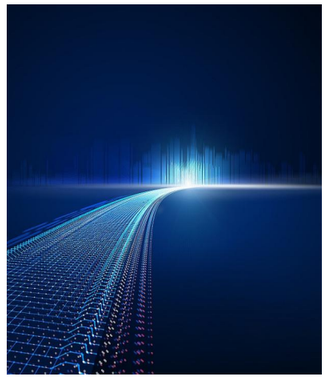
Technology and Products

After more than 20 years of progress and development, "Eurborn" has continuously expanded its product line with its strong technical accumulation and customized development as its own advantage.It has successively launched more than 1,000 models of products in 7 series, including underwater lights, fountain lights, in-ground lights, floodlights, linear lights, side wall lights, and ground lights. It has obtained 49 national patents and obtained CE, RoHS, UL, GS, PSE, FCC and other export certifications.Our products are widely used in a series of extreme application scenarios such as seawater salt and humidity, desert drought, high cold, high heat, and high corrosion. With the reliability of quality, it has won unanimous recognition from customers at home and abroad.

EURBORN

The Future

Highly efficient and agile product development and enables us to drive innovations, regularly launching premium products at a fast pace.



Insight into market demand, specialize in advanced technologies in the field, use the best materials, the most advanced technology, and the most reliable quality to serve current and new customers, continue to be a leader in the lighting industry
At its inception, Eurborn began producing

The world's finest architectural lighting solutions.

CORPORATE CULTURE

Specialising in waterproofing technology

Mission
Customisation, Delivery exceed expectation.

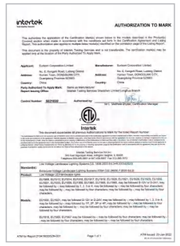
Vision
Be an industry expert enterprise, a century-old "Eurborn" brand.

Corporate values
Quality, service, success,win-win.

Quality principle
Leading the Advance technology, dedicating to a ultimate technology.

ENTERPRISE HONOUR









































EURBORN

Enterprise
Honour

01

Underwater Light



Product Guidance

IMAGE	PRODUCT CODE	POWER	OPTICS (°)	CCT (K)	IP	PAGE
	EU1920	12	(20/45)	Single/ full colour	68	011/012 ▶
	EU1960	36	S20/F60(30/45)	Single/ full colour	68	013/014 ▶
	GL108	1	120	Single	68	015/016 ▶
	GL308	1	120	Single/ full Color	68	017/018 ▶
	GL112	1	S20/F60	Single/ full colour	68	019/020 ▶
	GL112H	1	S20/F60	Single	68	021/022 ▶
	GL116	1	S12/F45	Single/ full colour	68	023/024 ▶
	GL116H	1	S20/F60	Single	68	025/026 ▶
	GL116Q	1	Polarized 20*40/ Polarized 40	Single	68	027/028 ▶
	GL116SQ	3	S12/F45	Single/ full colour	68	029/030 ▶
	GL118	1	120	Single/ full colour	68	031/032 ▶
	GL118T	1	120	Single/ full colour	68	033/034 ▶
	GL119	2	S20/F60	Single/ full colour	68	035/036 ▶
	GL119T	2	S20/F60	Single/ full colour	68	037/038 ▶
	GL119CT	2	S20/F60	Single/ full colour	68	039/040 ▶
	GL119SQ	2	S20/F60	Single/ full colour	68	041/042 ▶
	GL129	3	S20/F60	Single/ full colour	68	043/044 ▶
	GL140B	5	15/24/36/60	Single	68	045/046 ▶
	GL140BP	5	Polarized 5°/20°/30°	Single	68	047/048 ▶
	GL140	9	S20/30/45/F60	Single/ full colour	68	049/050 ▶
	GL140SQ	9	F20/F60	Single/ full colour	68	051/052 ▶
	GL150	9	120	Single/ full colour	68	053/054 ▶
	GL166	12	S10/F40	Single/ full colour	68	055/056 ▶
	GL168	12	S10/F40	Single	68	057/058 ▶
	GL266	12	S10/F40	Single/ full colour	68	059/060 ▶
	GL268	12	S10/F40	Single	68	061/062 ▶
	BL100	20	F40	Single/ full colour	68	063/064 ▶
	PL021	3	12/45	Single/ full colour	68	065/066 ▶
	PL023	9	S20/F60	Single/ full colour	68	067/068 ▶
	PL023-2L	9	S20/F60	Single/ full colour	68	069/070 ▶
	PL026	12	S10/F40	Single/ full colour	68	071/072 ▶
	EU3030	14	15/30/45/60	Single/ full colour	68	073/074 ▶
	EU3031	22	15/30/45/60	Single/ full colour	68	075/076 ▶
	EU3032	43	10/30/45/60	Single/ full colour	68	077/078 ▶
	EU3042	36	S20/F60(30/45)	Single/ full colour	68	079/080 ▶
	EU1971	36	20/30/45/60	Single/ full colour	68	081/082 ▶
	EU1972	36	20/30/45/60	Single/ full colour	68	083/084 ▶

Note: The IP68 rated lamp is applicable for underwater or in-ground use.

01

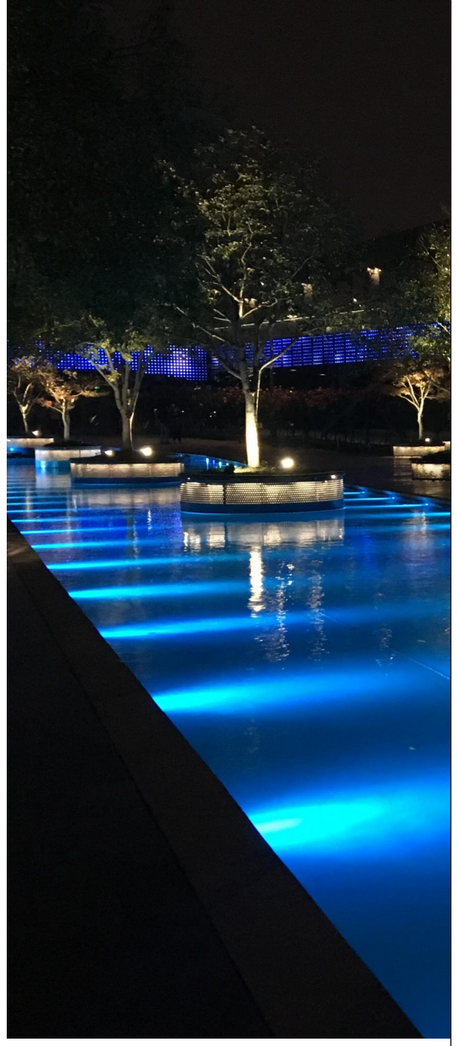
EURBORN

Underwater Light

In view of the harsh and complex underwater use environment, the primary goal of Eurborn in developing lamps is to ensure safety and reliability. According to different applications requirements, we customize heat dissipation and waterproof solutions so that they can operate safely, stably and reliably in specific underwater environments, and have cost-effective advantages.

Taking into full consideration the performance requirements of lamps such as salt resistance,corrosion resistance, and temperature and pressure difference resistance, EURBORN's selection of materials and accessories are all higher than the industry standards.In addition, the waterproofing process is completed with 20 years of professional waterproofing experience.

After more than 20 years of dedicated development and technological exploration, EURBORN has developed 3 series and more than 40 models of underwater lighting products, which are widely used in underwater, architectural, gardening, indoor and other fields. With outstanding performance advantages and fashionable designs, they are exported to 135 countries and regions, and have been well received by users.



20 YEARS
Customisation & development experiences

ITALY
Designed

Exported to **135**
Countries and regions



Recessed underwater light



Surface mounted underwater light (round)



Surface mounted underwater light (Linear)

Color temperature range
1800K--6500K

- IP68 rated
- 3 layers sealing
- Stable operation underwater 10M
- Marine grade SUS316 stainless steel
- Corrosion resistance
- 50000hrs lifetime
- ⩾3M cable
- Water pressure resistance
- High quality LED
- Easily maintained









EU1920

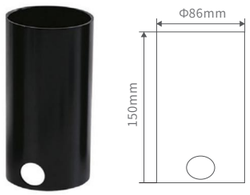
Recessed Pool
Underwater Light





D82 No Sleeve · IK08 · IP68 · F · 1000kg · CE · UK CA · SELV · ETL

Optional Accessory



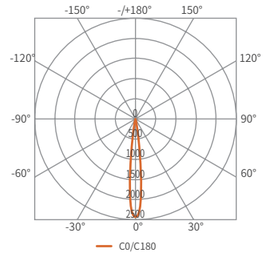
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.8Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, DMX, 0/1-10V, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

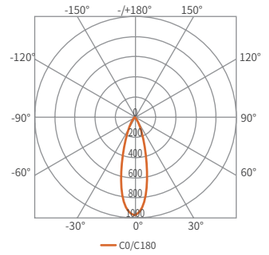
IP68 rated	SUS316	50000h	1000Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

EU1920 6W 4000K 10°



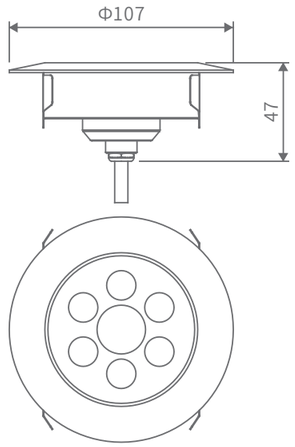
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1397	548.1	24.63
2	349.2	243.61	49.26
3	155.2	137	73.89
4	87.29	93.98	98.52
5	55.87	87.69	123.15

EU1920 6W 4000K 45°

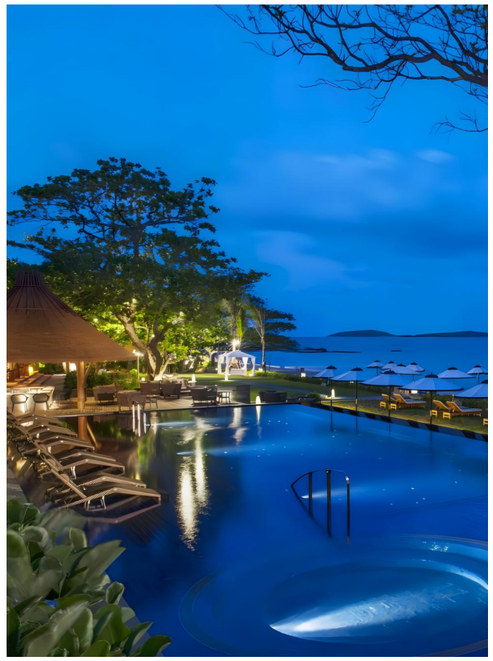


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	563	869.41	74.93
2	140.7	217.41	149.86
3	65.55	121.41	224.79
4	35.18	96.6	299.72
5	22.52	16.22	374.65

Unit: mm



Drill size: D82mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
6	815	570	Unlimited	G2.1920 06
9	1120	855	Underwater only	G2.1920 09
12	1500	1140	Underwater only	G2.1920 12

Filter Structure		Power		Input	
Regular	01	6W	06	Constant current	0
Frosted glass	02	9W	09	DC12V	1
Opal plate	06	12W	12	DC24V	2
Honeycomb louvre	08				

CCT Range		Optics		Controls	
2700K	2	20°	3	Constant current	0
3000K	3	45°	5	ON/OFF	1
4000K	5	60°	6	DMX512	2
6000K	8	120°	7	0/1-10V	3
RGB	D			PWM	6
RGBW	H				

EU1960

Recessed Pool
Underwater Light





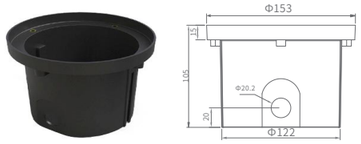
D155 Sleeve · IK08 · IP68 · F · 1000kg · CE · UKCA · SELV · ETL

Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 10mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 1.48Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, DMX, 0/1-10V, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

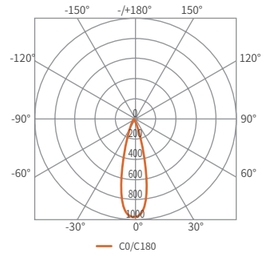
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory



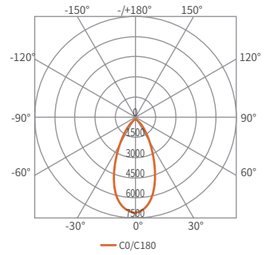
IP68 rated	SUS316	50000h	1000Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

EU1960D 13W 4000K 20°



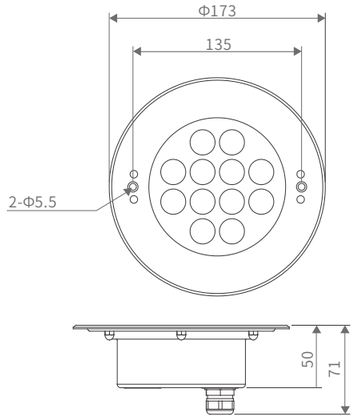
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1611	2349	37.29
2	402.8	587.31	74.58
3	179	261.01	111.87
4	100.7	146.81	149.16
5	64.44	93.98	186.45

EU1960D 13W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	252.6	405.4	92.2
2	63.16	101.4	184.4
3	28.07	45.05	184.4
4	15.79	25.34	368.8
5	10.11	16.22	461

Unit: mm



Drill size：D155mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
13	1600	1200	Unlimited	G2.1960 13
24	3150	2200	Underwater only	G2.1960 24
36	4000	3100	Underwater only	G2.1960 36

Filter Structure		Power		Input	
Regular	01	13W	13	Constant current	0
Opal plate	06	24W	24	DC12V	1
Honeycomb louvre	08	36W	36	DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H	120°	7	PWM	6

GL108

Recessed Pool
Underwater Light







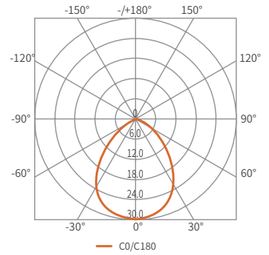
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Transmitting material: 5mm PC
LED brand: CREE/OSRAM/NICHIA
Power Supply: Remote driver(Constant current)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.07Kg
Load Pressure: 500KG (Static)
Controls: Constant current
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

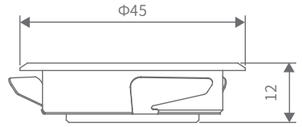
IP68 rated	SUS316	50000h	500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

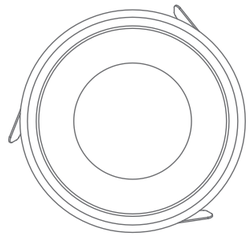
GL108 1W 4000K 120°



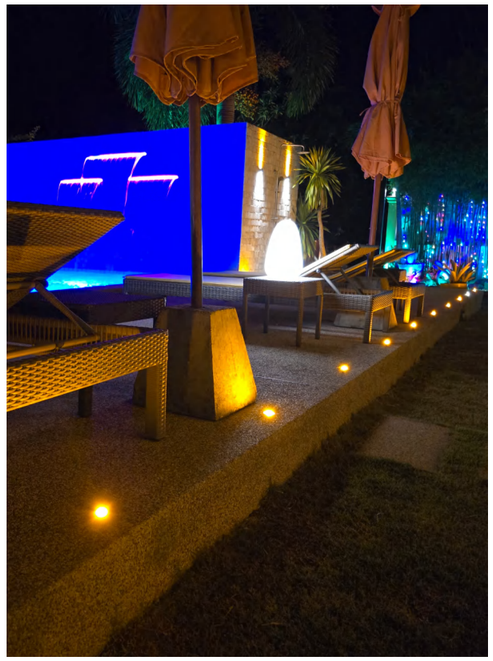
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	4.345	15.016	304.93
2	1.086	3.789	609.86
3	0.4828	1.684	914.79
4	0.2916	0.9473	1219.72
5	0.1738	0.6063	1524.62

Unit: mm





Drill size: D38mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	80	Unlimited	G2.0108 01

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0

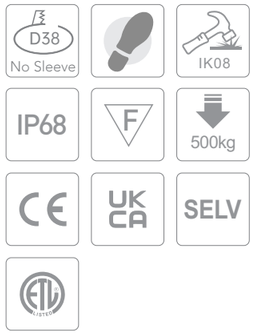
CCT Range		Optics		Controls	
3000K	3	120°	7	Constant current	0
4000K	5				
6000K	8				

GL308

Recessed Pool
Underwater Light







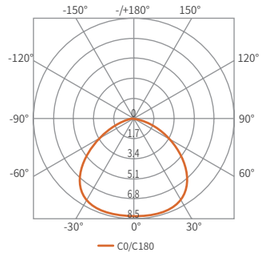
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Transmitting material: 5mm PC
LED brand: CREE/OSRAM/NICHIA
Power Supply: External Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.075Kg
Load Pressure: 500KG (Static)
Controls: ON/OFF, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

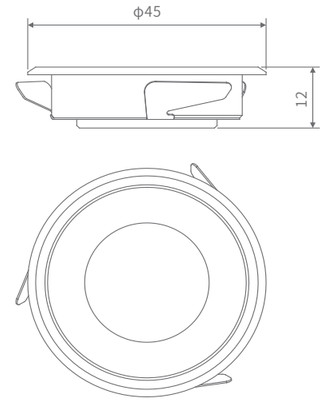
IP68 rated	SUS316	50000h	500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GI308 1W 4000K 120°

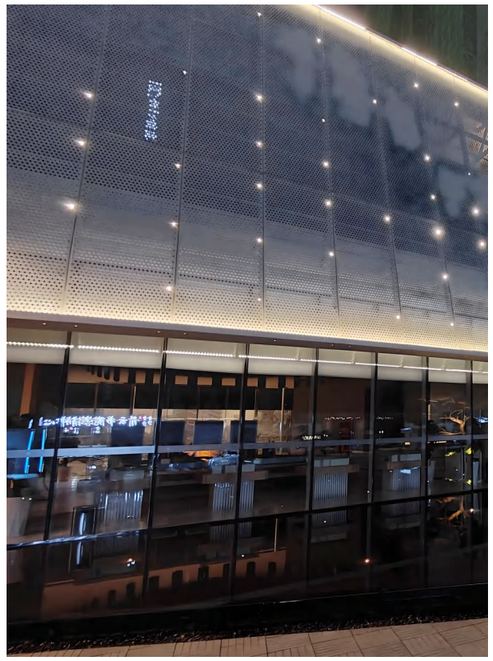


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	2.663	9.353	300.91
2	0.6659	2.338	601.81
3	0.2959	1.039	902.72
4	0.1665	0.5845	1203.62
5	0.1065	0.3741	1504.53

Unit: mm



Drill size：D38mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	75	30	Unlimited	G2.0308 ☼ 01 ϟ ♣ ◣ ☺

Filter Structure	☼	Power	ⓘ	Input	ϟ
Regular	01	1W	01	DC12V	1
				DC24V	2

CCT Range	♣	Optics	◣	Controls	☺
3000K	3	120°	7	ON/OFF	1
4000K	5			DMX512	2
6000K	8			PWM	6
RGB	D				
RGBW	H				

GL112

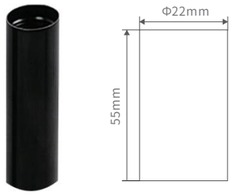
Recessed Pool
Underwater Light





Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 3mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.06Kg
Load Pressure: 500KG (Static)
Controls: ON/OFF, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Optional Accessory

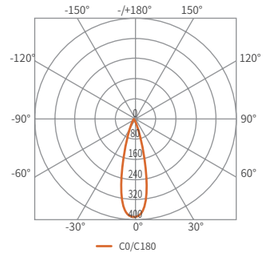


Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

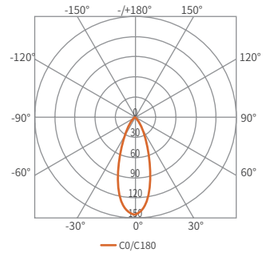
IP68 rated	SUS316	50000h	500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GL112 1W 4000K 20°



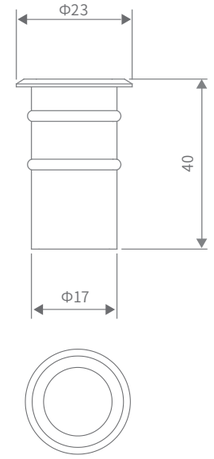
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	272.7	377	33.74
2	68.18	94.25	67.48
3	30.3	41.89	101.23
4	17.05	23.56	134.97
5	10.91	15.08	168.71

GL112 1W 4000K 60°

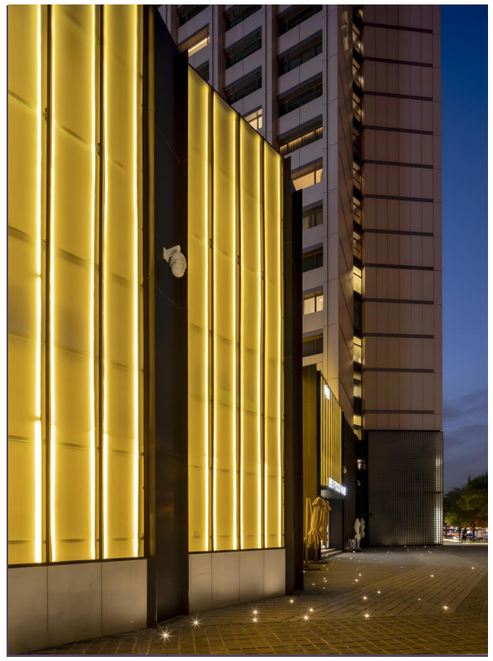


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	97.24	148.81	68.2
2	24.31	37.2	136.39
3	10.8	16.53	204.59
4	6.078	9.301	272.78
5	3.89	59.53	340.98

Unit: mm



Drill size：D19mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
0. 5	75	60	Unlimited	G2.0112 X5
1	135	110	Unlimited	G2.0112 01
2	190	152	Underwater only	G2.0112 02

Filter Structure		Power		Input	
Regular	01	0.5W	X5	Constant current	0
Frosted glass	02	1W	01	DC12V	1
Half shaded glass	03	2W	02	DC24V	2
Opal plate	06				
Honeycomb louvre	08				

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	45°	5	ON/OFF	1
6000K	8	60°	6	DMX512	2
RGB	D	120°	7	PWM	6

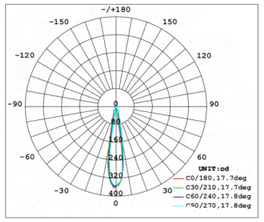
GL112H

Recessed Pool
Underwater Light



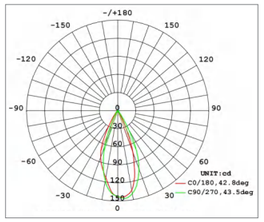


GL112H 1W 3000K 20°



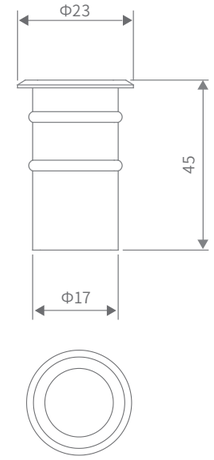
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	265.0	362.6	31.11
2	66.26	90.66	62.22
3	29.45	40.29	93.33
4	16.56	22.67	124.43
5	10.60	14.51	154.54

GL112H 1W 3000K 45°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	93.02	144.7	78.35
2	23.25	36.18	156.71
3	10.34	16.08	235.06
4	5.814	9.046	313.42
5	3.721	5.789	391.77

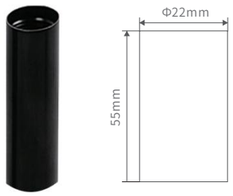
Unit: mm



Drill size：D19mm



Optional Accessory

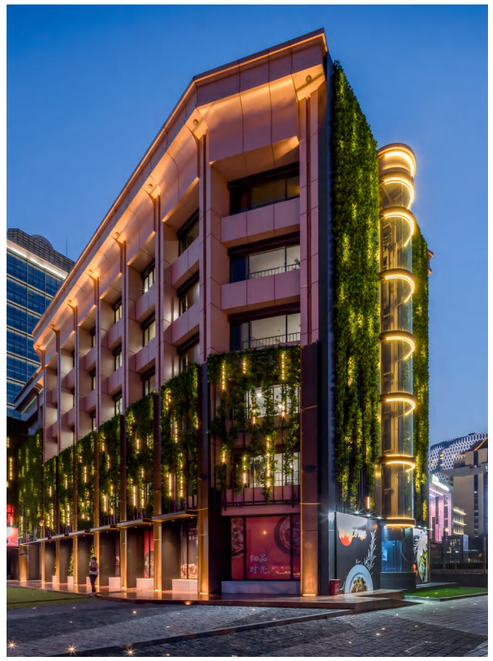


Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 3mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.06Kg
Load Pressure: 500KG (Static)
Controls: Constant current, ON/OFF
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

IP68 rated	SUS316	50000h	500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	110	Unlimited	G2.0112 01
2	190	152	Underwater only	G2.0112 02

Filter Structure		Power		Input	
Frosted glass	02	1W	01	Constant current	0
Hlaf shaded glass	03	2W	02	DC12V	1
Anti-glare baffle	09			DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5		
		60°	6		

GL116

Recessed Pool
Underwater Light







Optional Accessory



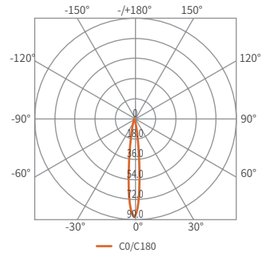
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.465Kg
Load Pressure: 2000KG (Static)
Controls: ON/OFF, DMX, 0/1-10V, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

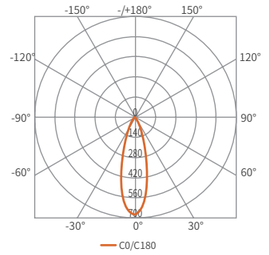
IP68 rated	SUS316	50000h	2000Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GL116 1W 4000K 12°



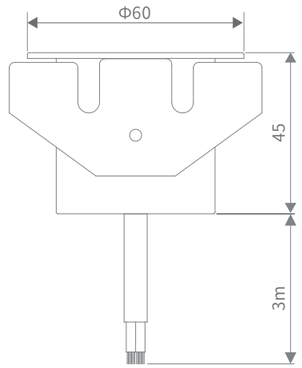
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	643.6	950.8	19.68
2	160.9	237.7	39.36
3	71.51	105.61	59.05
4	40.22	59.42	78.73
5	25.74	38.03	98.41

GL116 1W 4000K 45°

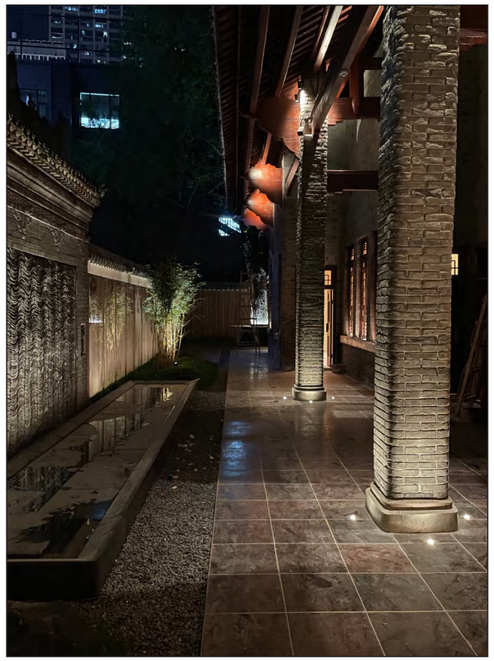


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	185.1	271.4	51.81
2	46.28	67.85	103.61
3	20.57	30.15	155.42
4	11.57	16.96	207.23
5	7.405	10.861	259.03

Unit: mm



Drill size：D50mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	100	Unlimited	G2.0116☼01⚡♣◣☺
2	180	130	Unlimited	G2.0116☼02⚡♣◣☺
3	300	220	Unlimited	G2.0116☼03⚡♣◣☺
4	430	325	Underwater only	G2.0116☼04⚡♣◣☺

Filter Structure	☼	Power	ⓘ	Input	⚡
Regular	01	1W	01	Constant current	0
Frosted glass	02	2W	02	DC12V	1
Half shaded glass	03	3W	03	DC24V	2
Opal plate	06	4W	04		
Honeycomb louvre	08				

CCT Range	♣	Optics	◣	Controls	☺
3000K	3	12°	1	Constant current	0
4000K	5	45°	5	ON/OFF	1
6000K	8	120°	7	DMX512	2
RGB	D			0/1-10V	3
				PWM	6

GL116H

Recessed Pool
Underwater Light





Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.465Kg
Load Pressure: 2000KG (Static)
Controls: Constant current, ON/OFF
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

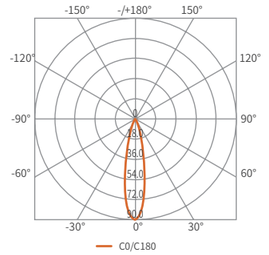
Please refer to pages 289-291 to choose a remote power supply.

IP68 rated	SUS316	50000h	2000Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

Optional Accessory

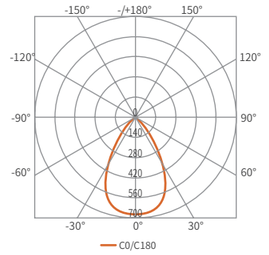


G116H 1W 4000K 20°



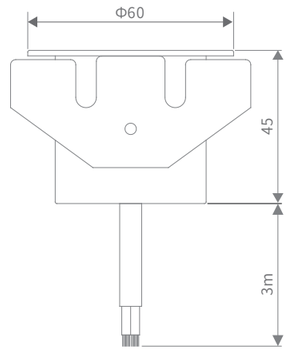
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	439.2	651	29.39
2	109.8	162.7	58.79
3	48.8	72.33	88.18
4	27.45	40.68	117.58
5	17.57	26.04	146.97

G116H 1W 4000K 60°

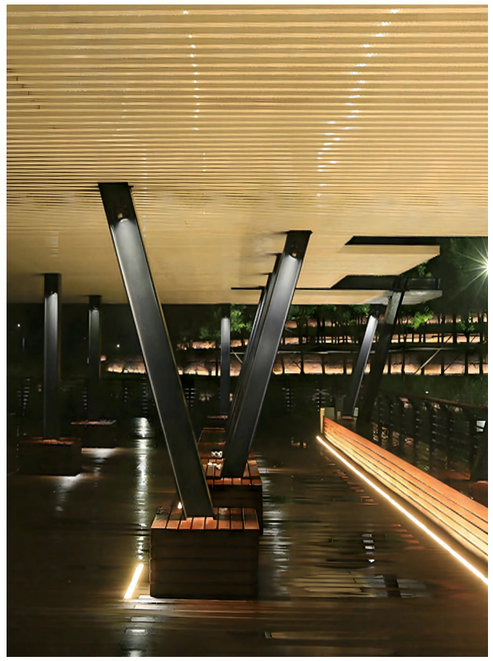


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	55.78	86.36	86.79
2	13.94	21.59	173.59
3	6.197	9.596	260.38
4	3.486	5.398	347.17
5	2.231	3.454	433.97

Unit: mm



Drill size：D50mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	80	Unlimited	G2.0116 01
2	180	110	Unlimited	G2.0116 02
3	300	180	Unlimited	G2.0116 03
4	430	260	Underwater only	G2.0116 04

Filter Structure		Power		Input	
Frosted glass	02	1W	01	Constant current	0
Half shaded glass	03	2W	02	DC12V	1
Honeycomb louvre	08	3W	03	DC24V	2
Anti-glare baffle	09	4W	04		

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5		
		60°	6		

GL116Q

Recessed Pool
Underwater Light







Optional Accessory



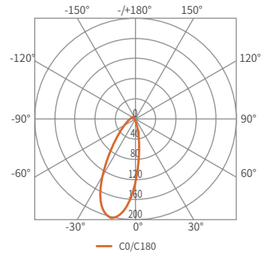
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.465Kg
Load Pressure: 2000KG (Static)
Controls: ON/OFF, DMX, 0/1-10V
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

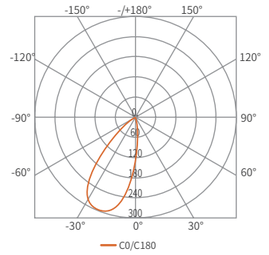
IP68 rated	SUS316	50000h	2000Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GL116Q 1W 4000K 20X40°



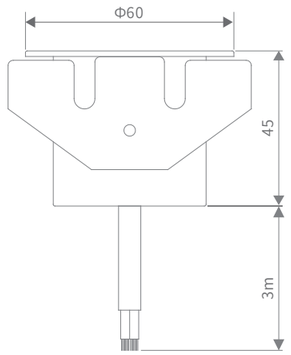
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	120.7	243.3	41.59
2	30.18	60.83	83.18
3	13.41	27.04	124.76
4	7.544	15.21	166.35
5	4.828	9.733	207.94

GL116Q 1W 4000K POLARIZED 40°

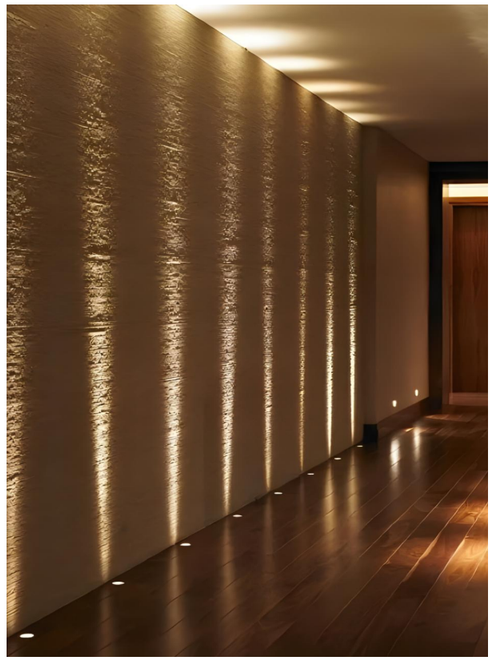


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	77.25	145.5	49.71
2	19.31	36.38	99.41
3	8.583	16.17	149.12
4	4.828	9.095	198.83
5	3.09	5.821	248.53

Unit: mm



Drill size：D50mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	85	Unlimited	G2.0116 01
2	180	115	Unlimited	G2.0116 02
3	300	190	Unlimited	G2.0116 03
4	430	270	Underwater only	G2.0116 04

Filter Structure		Power		Input	
Frosted glass	02	1W	01	Constant current	0
Half shaded glass	03	2W	02	DC12V	1
Polarized	10	3W	03	DC24V	2
		4W	04		

CCT Range		Optics		Controls	
3000K	3	Polarized 20*40°	T	Constant current	0
4000K	5	Polarized 40°	U	ON/OFF	1
6000K	8			DMX512	2
				0/1-10V	3

GL116SQ

Recessed Pool
Underwater Light







Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.49Kg
Load Pressure: 2000KG (Static)
Controls: ON/OFF, DMX, 0/1-10V, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

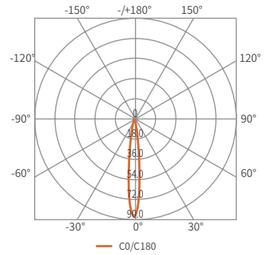
Please refer to pages 289-291 to choose a remote power supply.

IP68 rated	SUS316	50000h	2000Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

Optional Accessory

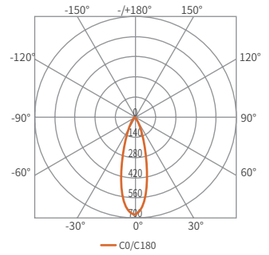


GL116SQ 1W 4000K 12°



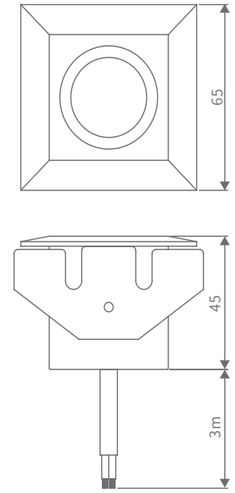
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	643.6	950.8	19.68
2	160.9	237.7	39.36
3	71.51	105.61	59.05
4	40.22	59.42	78.73
5	25.74	38.03	98.41

GL116SQ 1W 4000K 45°

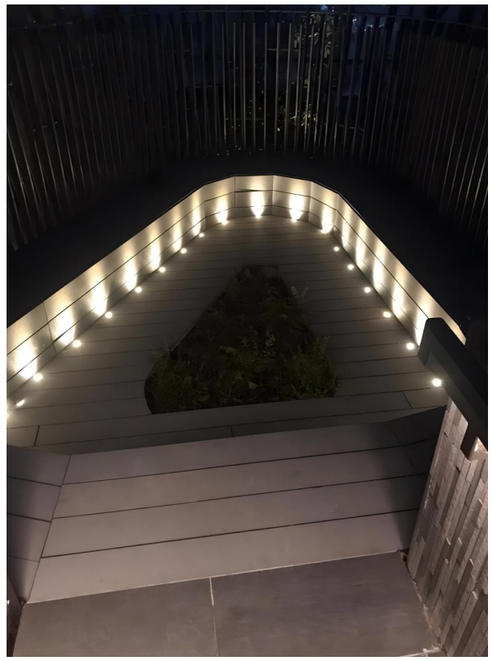


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	185.1	271.4	51.81
2	46.28	67.85	103.61
3	20.57	30.15	155.42
4	11.57	16.96	207.23
5	7.405	10.861	259.03

Unit: mm



Drill size:D50mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	100	Unlimited	G2.0116 01
2	180	130	Unlimited	G2.0116 02
3	300	220	Unlimited	G2.0116 03
4	430	325	Underwater only	G2.0116 04

Filter Structure		Power		Input	
Frosted glass	02	1W	01	Constant current	0
Half shaded glass	03	2W	02	DC12V	1
Opal plate	06	3W	03	DC24V	2
Honeycomb louvre	08	4W	04		

CCT Range		Optics		Controls	
3000K	3	12°	1	Constant current	0
4000K	5	45°	5	ON/OFF	1
6000K	8	120°	6	DMX512	2
RGB	D			0/1-10V	3
				PWM	6

GL118

Recessed Pool
Underwater Light





D29 No Sleeve · IK07 · IP68 · F · 1000kg · CE · UK CA · SELV · ETL

Optional Accessory



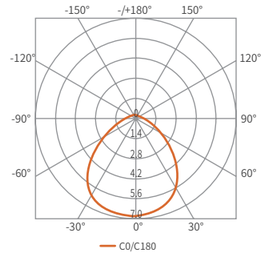
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 3mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.26Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

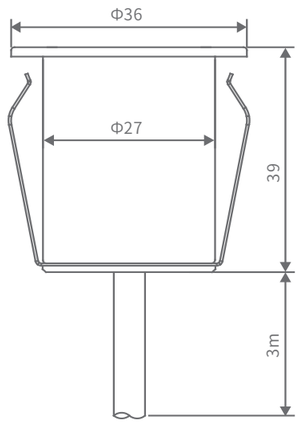
IP68 rated	SUS316	50000h	1000Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GL118 1W 4000K 120°

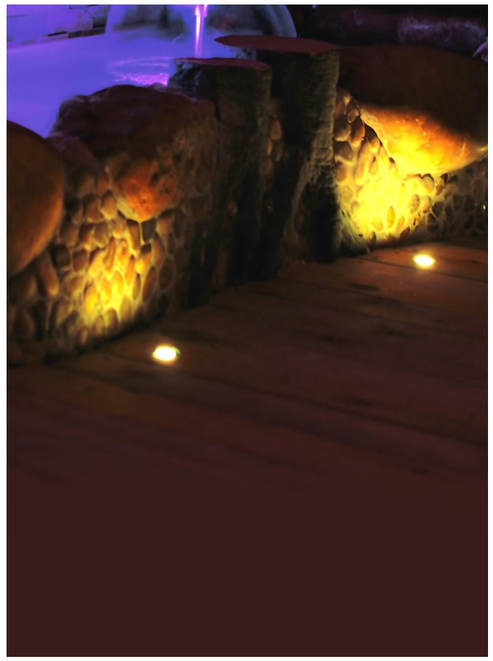


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	2.245	7.195	275.43
2	0.5613	1.799	550.86
3	0.249	0.7995	826.28
4	0.1403	0.4497	1101.71
5	0.0898	0.2878	1377.14

Unit: mm



Drill size: D29mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	75	20	Unlimited	G2.0118 01

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
				DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	120°	7	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
RGB	D			PWM	6
RGBW	H				

GL118T

Recessed Pool
Underwater Light





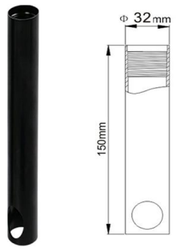


Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 3mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.26Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

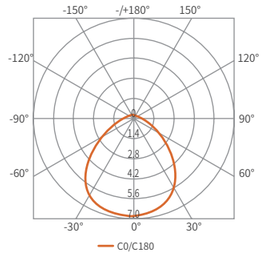
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory



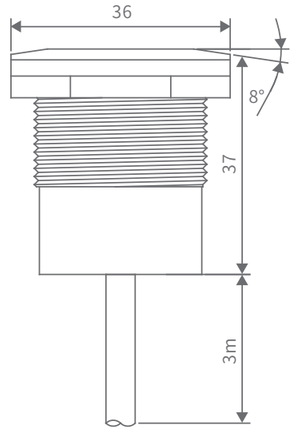
IP68 rated	SUS316	50000h	1000Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GL118T 1W 4000K 120°

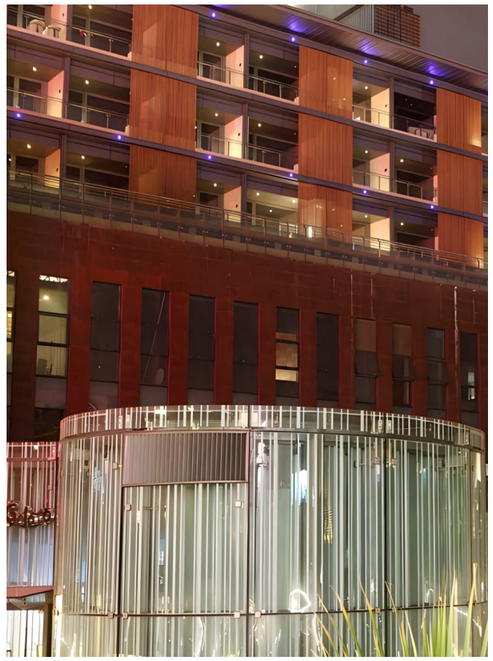


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	2.245	7.195	275.43
2	0.5613	1.799	550.86
3	0.249	0.7995	826.28
4	0.1403	0.4497	1101.71
5	0.0898	0.2878	1377.14

Unit: mm



Drill size：D29mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	75	20	Unlimited	G2.0118 01

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
				DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	120°	7	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
RGB	D			PWM	6
RGBW	H				

GL119

Recessed Pool
Underwater Light





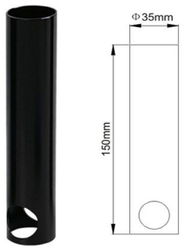


Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20℃~+45℃
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.14Kg
Load Pressure: 1500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

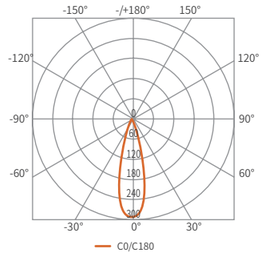
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory



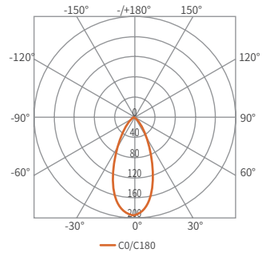
IP68 rated Waterproof performance	SUS316 Entirely Stainless steel	50000h Long lifetime	1500Kg Static Pressure Loading

GL119 1W 4000K 20°



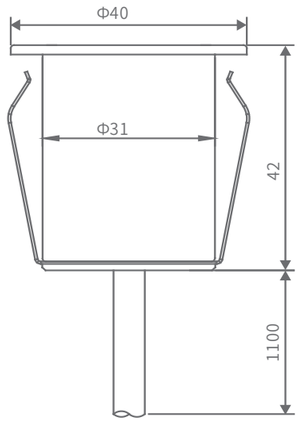
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	367.1	544.4	33.47
2	91.77	136.11	66.95
3	40.79	60.481	10.42
4	22.94	34.021	133.89
5	14.68	21.77	167.36

GL119 1W 4000K 60°

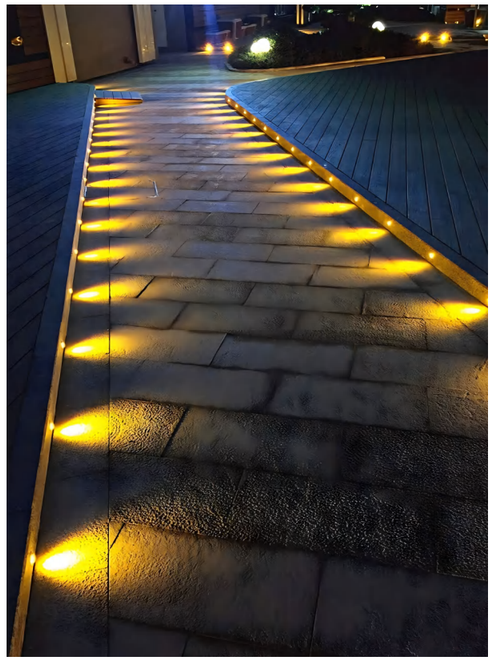


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	97.53	163.21	83.04
2	10.84	18.14	249.13
3	3.901	6.53	415.22
4	1.99	3.332	581.3
5	1.204	2.015	747.39

Unit: mm



Drill size：D33mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	110	Unlimited	G2.0119 01
2	180	135	Unlimited	G2.0119 02
3	300	240	Unlimited	G2.0119 03
4	430	350	Underwater only	G2.0119 04

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
Frosted glass	02	2W	02	DC12V	1
Half shaded glass	03	3W	03	DC24V	2
Opal plate	06	4W	04		
Honeycomb louvre	08				
Anti-glare baffle	09				

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
		120°	7	PWM	6

GL119T

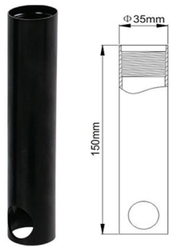
Recessed Pool
Underwater Light







Optional Accessory



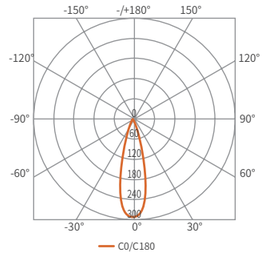
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.17Kg
Load Pressure: 1500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

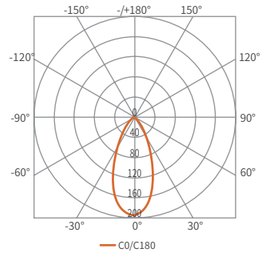
IP68 rated	SUS316	50000h	1500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GL119T 1W 4000K 20°



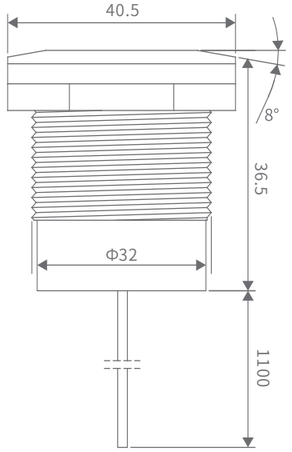
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	367.1	544.4	33.47
2	91.77	136.11	66.95
3	40.79	60.481	10.42
4	22.94	34.021	133.89
5	14.68	21.77	167.36

GL119T 1W 4000K 60°

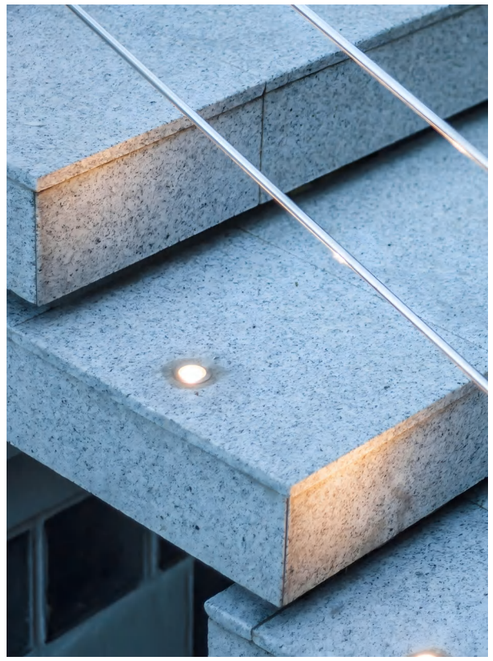


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	97.53	163.21	83.04
2	10.84	18.14	249.13
3	3.901	6.53	415.22
4	1.99	3.332	581.3
5	1.204	2.015	747.39

Unit: mm



Drill size: D33mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	100	Unlimited	G2.0119 01
2	180	130	Unlimited	G2.0119 02
3	300	220	Unlimited	G2.0119 03
4	430	325	Underwater only	G2.0119 04

Filter Structure		Power		Input	
Frosted glass	02	1W	01	Constant current	0
Half shaded glass	03	2W	02	DC12V	1
Opal plate	06	3W	03	DC24V	2
Honeycomb louvre	08	4W	04		
Anti-glare baffle	09				

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
		120°	7	PWM	6

GL119CT

Recessed Pool
Underwater Light

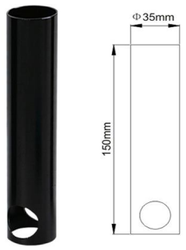






Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.14Kg
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Optional Accessory

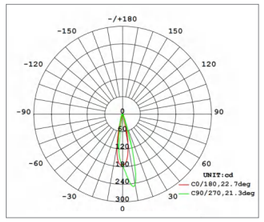


Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

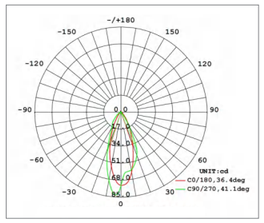
IP68 rated	SUS316	50000h
Waterproof performance	Entirely Stainless steel	Long lifetime

GL119CT 1W 3000K 20°



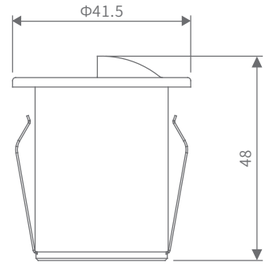
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	100.7	163.3	45.82
2	37.41	60.69	75.16
3	16.63	26.98	112.74
4	9.353	15.17	150.32
5	5.986	9.711	187.89

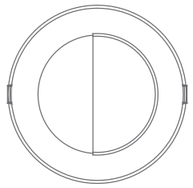
GL119CT 1W 3000K 60°



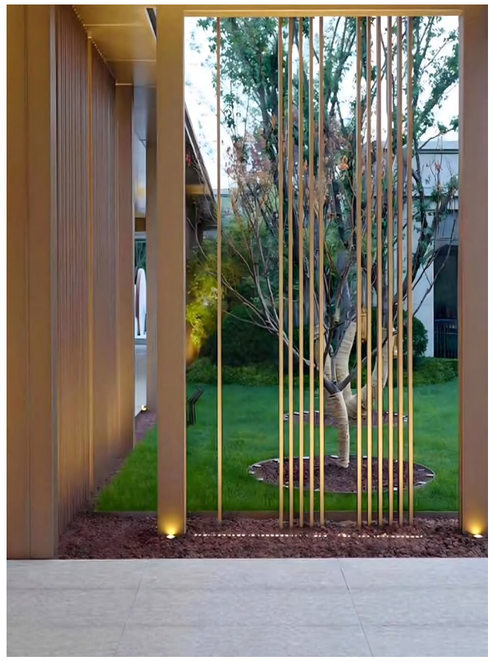
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	49.74	82.30	65.71
2	12.44	20.57	131.42
3	5.527	9.144	197.13
4	3.109	5.144	262.84
5	1.990	3.292	328.55

Unit: mm





Drill size：D33mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	50	Unlimited	G2.0119 01
2	180	67	Unlimited	G2.0119 02
3	300	110	Unlimited	G2.0119 03
4	430	160	Underwater only	G2.0119 04

Filter Structure		Power		Input	
Frosted glass	02	1W	01	Constant current	0
Half shaded glass	03	2W	02	DC12V	1
Opal plate	06	3W	03	DC24V	2
		4W	04		

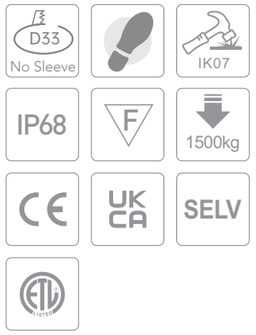
CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
		120°	7	PWM	6

GL119SQ

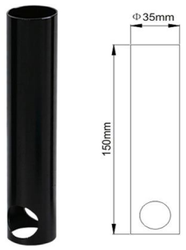
Recessed Pool
Underwater Light







Optional Accessory



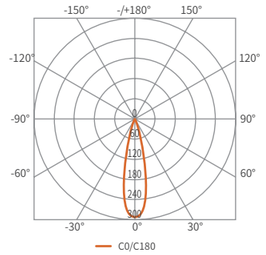
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20℃~+45℃
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.145Kg
Load Pressure: 1500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

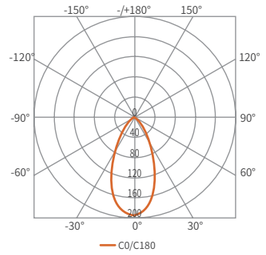
IP68 rated	SUS316	50000h	1500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GL119SQ 1W 4000K 20°



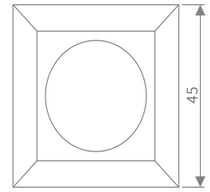
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	367.1	544.4	33.47
2	91.77	136.11	66.95
3	40.79	60.481	10.42
4	22.94	34.021	133.89
5	14.68	21.77	167.36

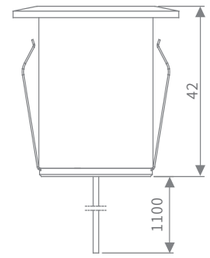
GL119SQ 1W 4000K 60°



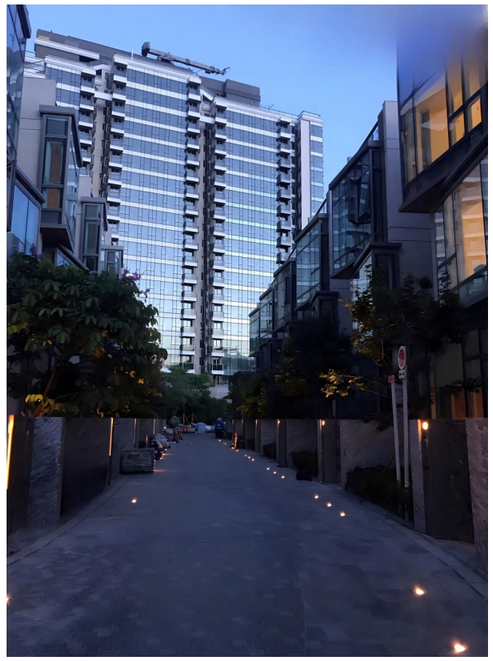
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	97.53	163.21	83.04
2	10.84	18.14	249.13
3	3.901	6.53	415.22
4	1.99	3.332	581.3
5	1.204	2.015	747.39

Unit: mm





Drill size: D33mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	100	Unlimited	G2.0119 01
2	180	145	Unlimited	G2.0119 02
3	300	240	Unlimited	G2.0119 03
4	430	350	Underwater only	G2.0119 04

Filter Structure		Power		Input	
Frosted glass	02	1W	01	Constant current	0
Half shaded glass	03	2W	02	DC12V	1
Opal plate	06	3W	03	DC24V	2
Honeycomb louvre	08	4W	04		
Anti-glare baffle	09				

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
		120°	7	PWM	6

GL129

Recessed Pool
Underwater Light





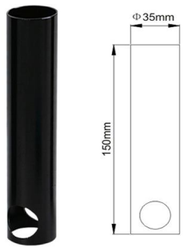


Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.2Kg
Load Pressure: 1500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

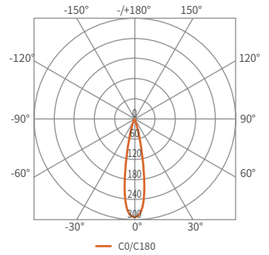
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory



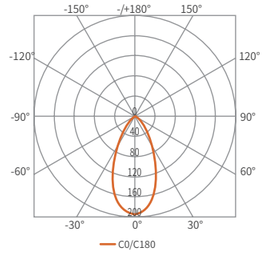
IP68 rated	SUS316	50000h	1500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GL129 1W 4000K 20°



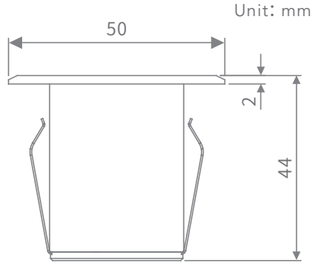
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	367.1	544.4	33.47
2	91.77	136.11	66.95
3	40.79	60.481	10.42
4	22.94	34.021	133.89
5	14.68	21.77	167.36

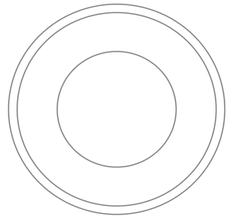
GL129 1W 4000K 60°



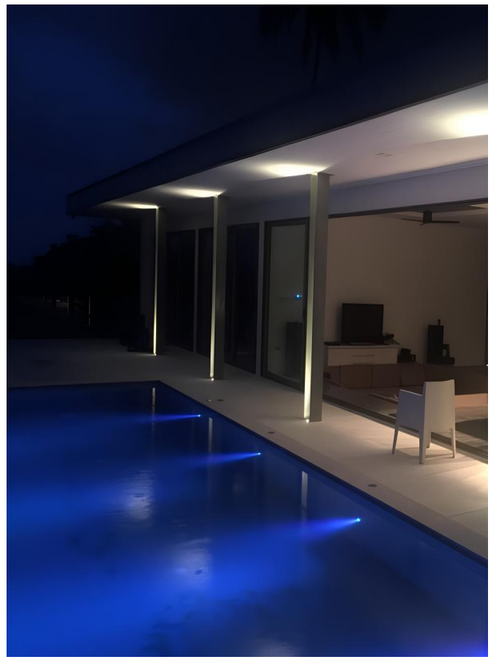
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	97.53	163.21	83.04
2	10.84	18.14	249.13
3	3.901	6.53	415.22
4	1.99	3.332	581.3
5	1.204	2.015	747.39

Unit: mm





Drill size:D33mm



Parameters

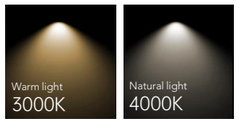
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	110	Unlimited	G2.0129 01
2	180	145	Unlimited	G2.0129 02
3	300	240	Unlimited	G2.0129 03
4	430	350	Underwater only	G2.0129 04

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
Frosted glass	02	2W	02	DC12V	1
Half shaded glass	03	3W	03	DC24V	2
Opal plate	06	4W	04		
Honeycomb louvre	08				
Anti-glare baffle	09				

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
		120°	7	PWM	6

GL140B

Recessed Pool
Underwater Light

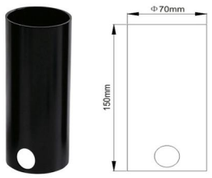






D65 No Sleeve · IK08 · IP68 · F · 1500kg · CE · UK CA · SELV · ETL

Optional Accessory



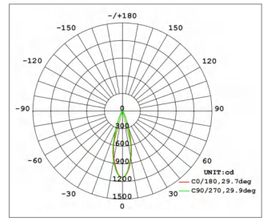
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.68Kg
Load Pressure: 1500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

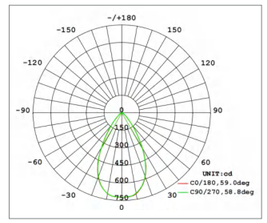
IP68 rated	SUS316	50000h	1500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GL140B 5W 4000K 24°



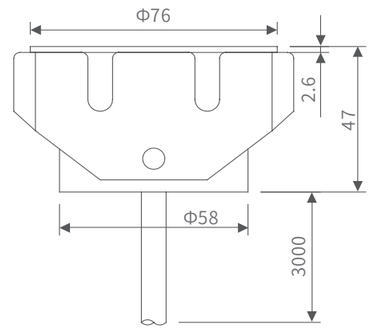
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	767.4	1128	52.94
2	191.9	282.1	105.89
3	85.27	125.4	158.83
4	47.96	70.52	211.78
5	30.70	45.14	264.72

GL140B 5W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	443.6	720.5	112.66
2	110.9	180.1	225.33
3	49.29	80.05	337.99
4	27.72	45.03	450.66
5	17.74	28.82	563.32

Unit: mm



Drill size: D65mm



Parameters

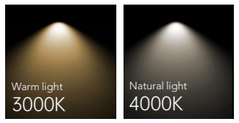
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	450	345	Unlimited	G2.0140 03
5	670	525	Unlimited	G2.0140 05
6	800	620	Underwater only	G2.0140 06
9	1100	810	Underwater only	G2.0140 09

Filter Structure		Power		Input	
Frosted glass	02	3W	03	Constant current	0
Half shaded glass	03	5W	05	DC12V	1
Anti-glare baffle	09	6W	06	DC24V	2
COB LED	25	9W	09		

CCT Range		Optics		Controls	
3000K	3	15°	2	Constant current	0
4000K	5	24°	Q	ON/OFF	1
6000K	8	36°	E	DMX512	2
		60°	6	0/1-10V	3
				PWM	6

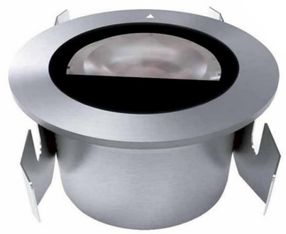
GL140BP

Recessed Pool
Underwater Light









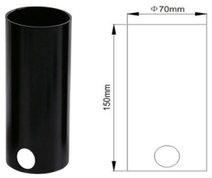
D65 No Sleeve · IK08 · IP68 · F · 1500kg · UK CA · SELV · ETL LISTED · CE

Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.68Kg
Load Pressure: 1500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

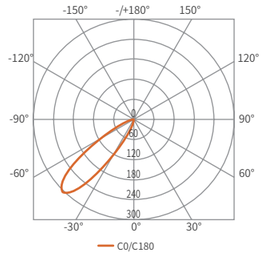
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory



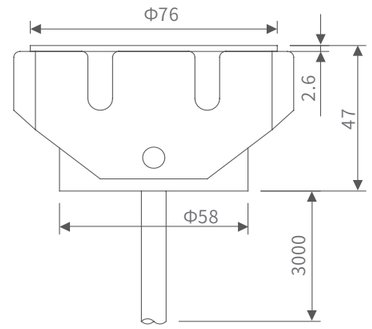
IP68 rated	SUS316	50000h	1500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GL140BP 5W 4000K Polarized 30°

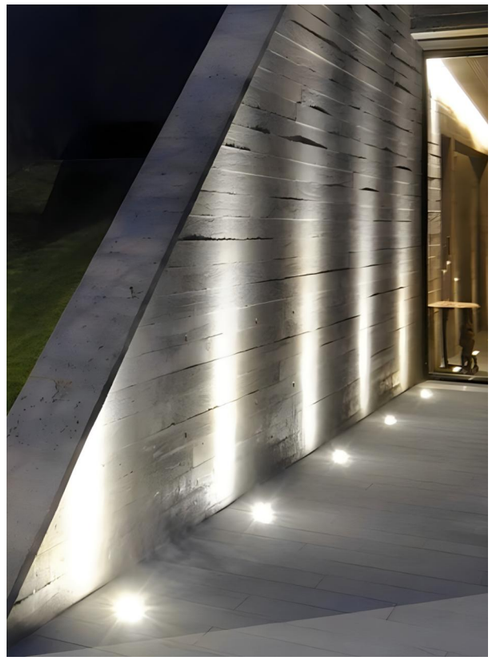


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	150.4	346.5	71.84
2	37.61	86.62	143.69
3	16.71	38.5	215.53
4	9.402	1.65	287.38
5	6.017	13.861	359.22

Unit: mm



Drill size：D65mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	450	345	Unlimited	G2.0140 03
5	670	525	Unlimited	G2.0140 05
6	800	620	Underwater only	G2.0140 06
9	1100	810	Underwater only	G2.0140 09

Filter Structure		Power		Input	
Frosted glass	02	3W	03	Constant current	0
Half shaded glass	03	5W	05	DC12V	1
Anti-glare baffle	09	6W	06	DC24V	2
Polarized	15	9W	09		

CCT Range		Optics		Controls	
3000K	3	Polarized 5°	A	Constant current	0
4000K	5	Polarized 20°	3	ON/OFF	1
6000K	8	Polarized 30°	4	DMX512	2
				0/1-10V	3
				PWM	6

GL140

Recessed Pool
Underwater Light





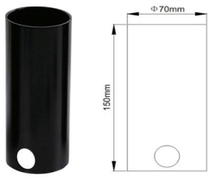
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.68Kg
Load Pressure: 1500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

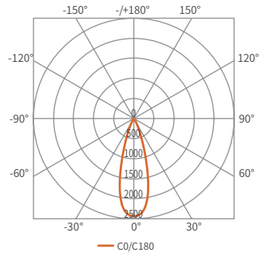
Please refer to pages 289-291 to choose a remote power supply.

IP68 rated	SUS316	50000h	1500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

Optional Accessory

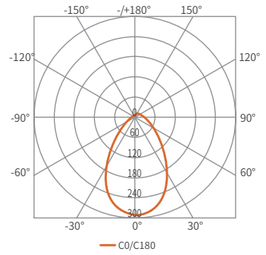


GL140 3W 4000K 20°



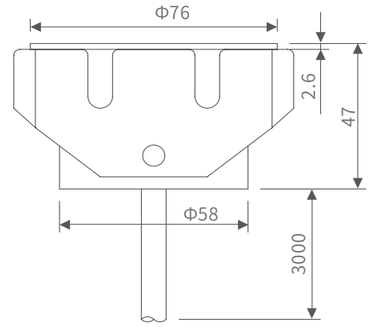
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1660	2488	25.69
2	414.9	622	51.39
3	184.4	276.4	77.08
4	103.7	155.5	102.78
5	66.39	99.52	128.47

GL140 3W 4000K 60°

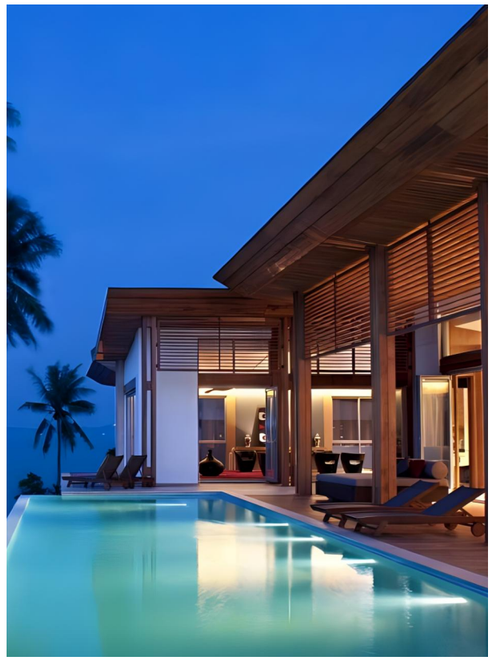


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	185.4	281	84.83
2	46.35	70.25	169.66
3	20.6	31.22	254.49
4	11.59	17.56	339.32
5	7.415	11.24	424.15

Unit: mm



Drill size：D65mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	450	345	Unlimited	G2.0140 03
5	670	525	Unlimited	G2.0140 05
6	800	620	Underwater only	G2.0140 06
9	1100	810	Underwater only	G2.0140 09

Filter Structure		Power		Input	
Regular	01	3W	03	Constant current	0
Frosted glass	02	5W	05	DC12V	1
Opal plate	06	6W	06	DC24V	2
Honeycomb louvre	08	9W	09		

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H	120°	7	PWM	6

GL140SQ

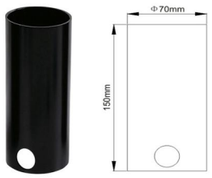
Recessed Pool
Underwater Light







Optional Accessory



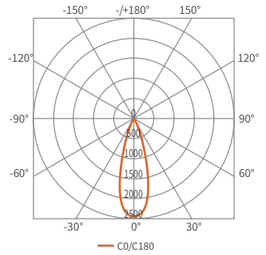
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.68Kg
Load Pressure: 1500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

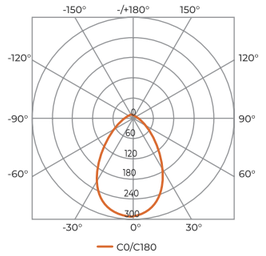
IP68 rated	SUS316	50000h	1500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GL140SQ 3W 4000K 20°



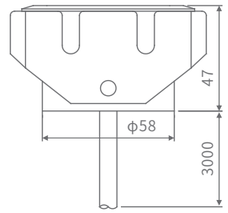
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1660	2488	25.69
2	414.9	622	51.39
3	184.4	276.4	77.08
4	103.7	155.5	102.78
5	66.39	99.52	128.47

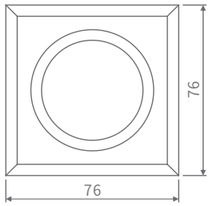
GL140SQ 3W 4000K 60°

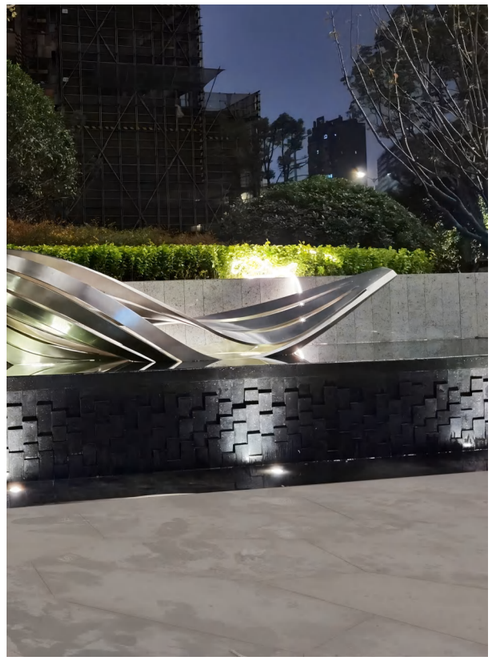


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	185.4	281	84.83
2	46.35	70.25	169.66
3	20.6	31.22	254.49
4	11.59	17.56	339.32
5	7.415	11.24	424.15

Unit: mm







Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	450	345	Unlimited	G2.0140 03
5	670	525	Unlimited	G2.0140 05
6	800	620	Underwater only	G2.0140 06
9	1100	810	Underwater only	G2.0140 09

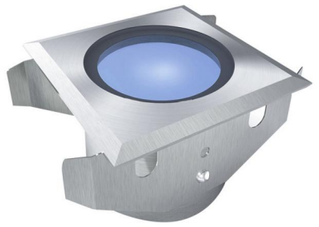
Filter Structure		Power		Input	
Regular	01	3W	03	Constant current	0
Frosted glass	02	5W	05	DC12V	1
Opal plate	06	6W	06	DC24V	2
Honeycomb louvre	08	9W	09		

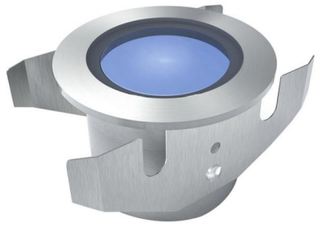
CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H	120°	7	PWM	6

GL150

Recessed Pool
Underwater Light







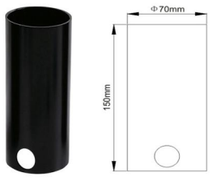
D65 No Sleeve · IK08 · IP68 · F · 1500kg · CE · UKCA · SELV · ETL

Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.635Kg
Load Pressure: 1500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

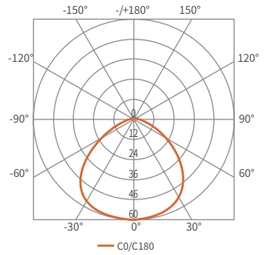
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory



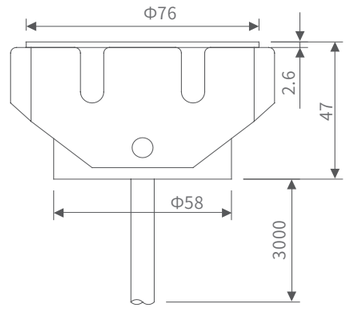
IP68 rated	SUS316	50000h	1500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GI150 3W 4000K 120°

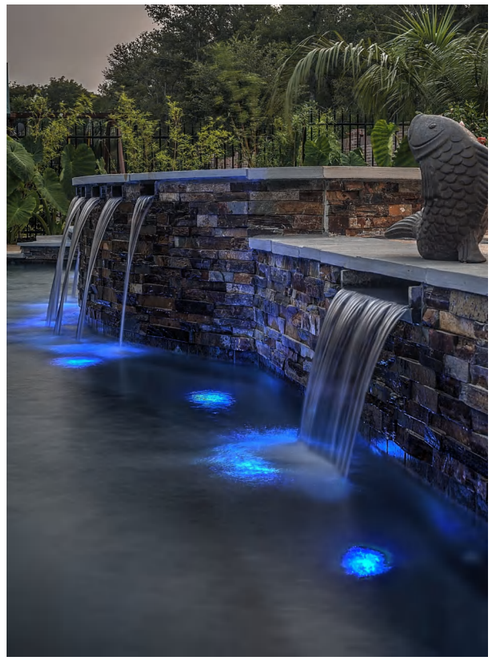


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	28.25	85.07	258.77
2	7.0621	21.27	517.55
3	3.139	9.452	776.32
4	1.765	5.317	1035.09
5	1.13	3.403	1293.86

Unit: mm



Drill size: D65mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	450	345	Unlimited	G2.0150 03
5	670	525	Unlimited	G2.0150 05
6	800	620	Underwater only	G2.0150 06
9	1100	810	Underwater only	G2.0150 09

Filter Structure		Power		Input	
Frosted glass	02	3W	03	Constant current	0
Opal plate	06	5W	05	DC12V	1
		6W	06	DC24V	2
		9W	09		

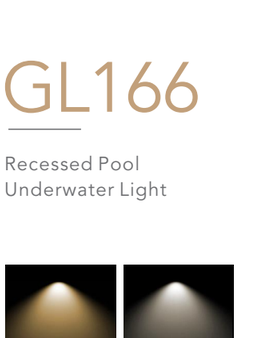
CCT Range		Optics		Controls	
3000K	3	120°	7	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
RGB	D			0/1-10V	3
RGBW	H			PWM	6

GL166

Recessed Pool
Underwater Light







Optional Accessory



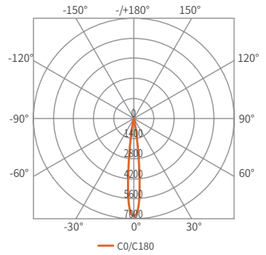
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.94Kg
Load Pressure: 1500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

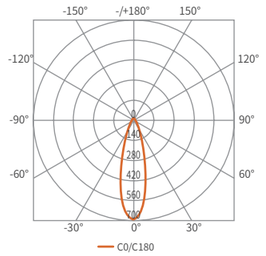
IP68 rated	SUS316	50000h	1500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GL166 6W 4000K 10°



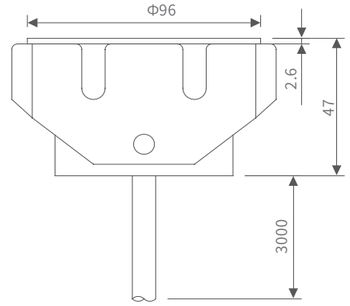
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	5001	6830	20.72
2	1250	1708	41.44
3	555.7	758.9	62.17
4	312.6	426.9	82.89
5	200	273.2	103.61

GL166 6W 4000K 40°

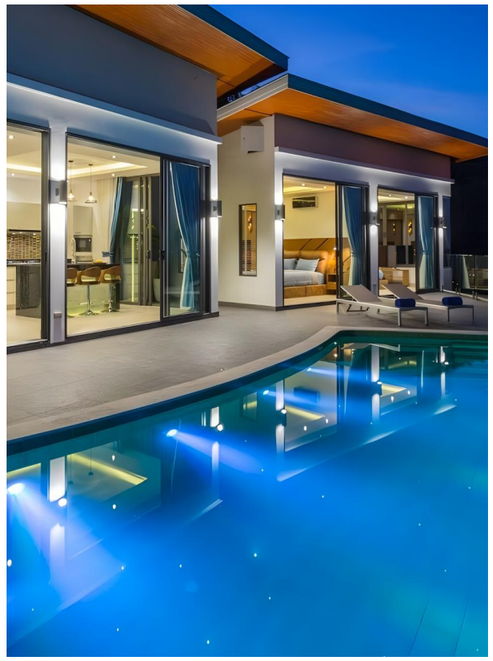


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	440.3	674.7	68.82
2	110.1	168.7	137.64
3	48.92	74.97	206.46
4	27.52	42.17	275.28
5	17.61	26.99	344.1

Unit: mm



Drill size：D80mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
6	450	345	Unlimited	G2.0166 06
9	670	525	Unlimited	G2.0166 09
12	800	620	Underwater only	G2.0166 12

Filter Structure		Power		Input	
Regular	01	6W	06	Constant current	0
Frosted glass	02	9W	09	DC12V	1
Opal plate	06	12W	12	DC24V	2

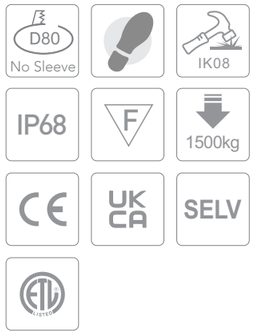
CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	40°	C	ON/OFF	1
6000K	8	120°	7	DMX512	2
RGB	D			0/1-10V	3
RGBW	H			PWM	6

GL168

Recessed Pool
Underwater Light







Optional Accessory



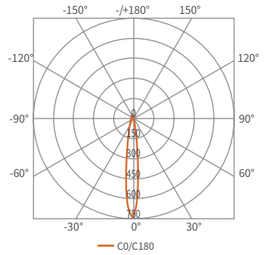
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.94Kg
Load Pressure: 1500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

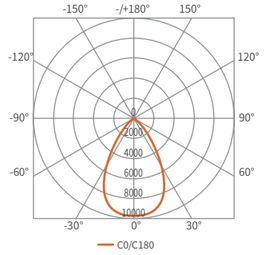
IP68 rated	SUS316	50000h	1500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

GL168 8W 4000K 10°



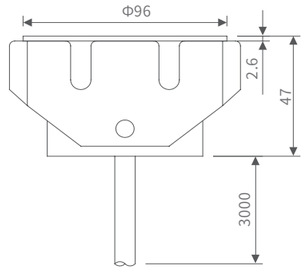
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	6353	9737	21.34
2	1588	2434	42.68
3	705.8	1082	64.02
4	397	608.61	85.36
5	254.1	389.5	106.7

GL168 8W 4000K 40°

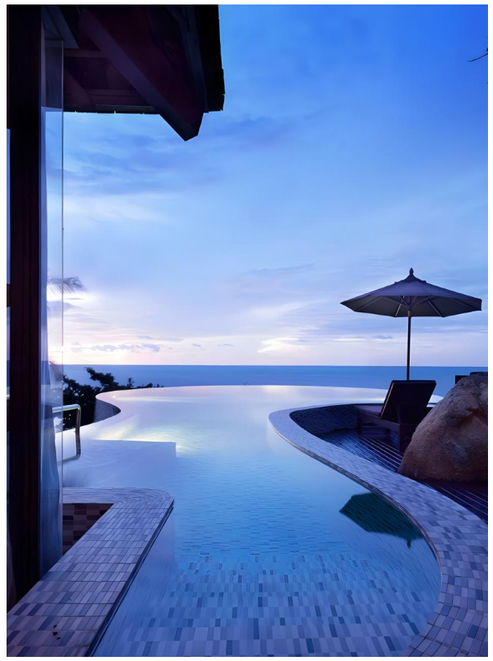


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	473.3	721.1	67.49
2	118.3	180.3	134.99
3	52.59	80.12	202.48
4	29.58	45.07	269.98
5	18.93	28.84	337.47

Unit: mm



Drill size: D80mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
8	1050	880	Unlimited	G2.0168 08
12	1350	1120	Underwater only	G2.0168 12

Filter Structure		Power		Input	
Regular	01	8W	08	Constant current	0
Frosted glass	02	12W	12	DC24V	2
Opal plate	06				

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	40°	C	ON/OFF	1
6000K	8	120°	7	DMX512	2
RGB	D			0/1-10V	3
RGBW	H			PWM	6

GL266

Surface mounted Pool
Underwater Light





IK08 | IP68 | F | 1500kg | CE | UK CA | SELV | ETL

Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.94Kg
Load Pressure: 1500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

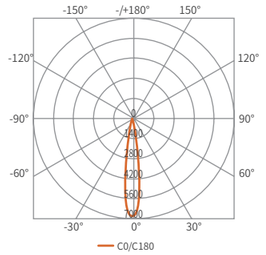
Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

IP68 rated	SUS316	50000h	1500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

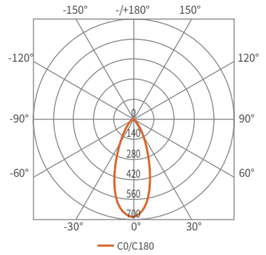
Unit: mm

GL266 6W 4000K 10°

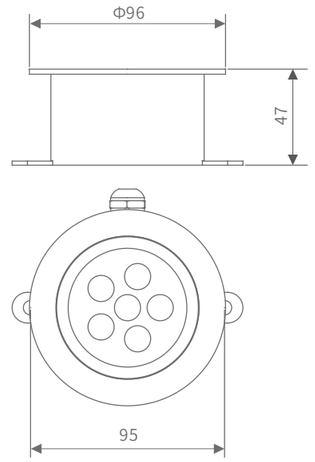


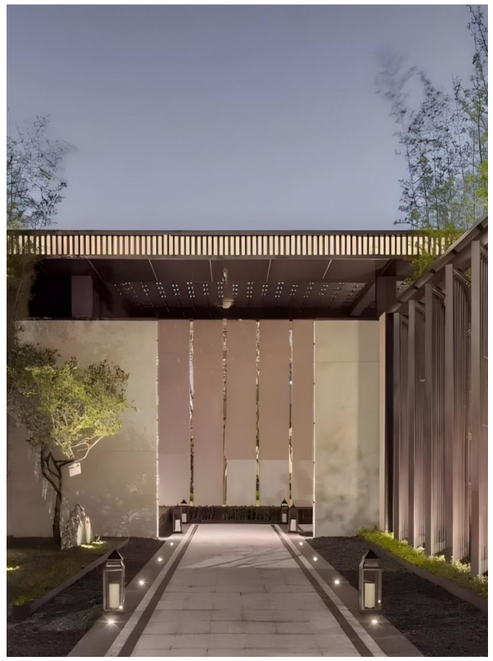
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	5001	6830	20.72
2	1250	1708	41.44
3	555.7	758.9	62.17
4	312.6	426.9	82.89
5	200	273.2	103.61

GL266 6W 4000K 40°



H(m)	Eavg(lx)	Emax(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





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
6	770	650	Unlimited	G2.0266 06
9	1100	920	Unlimited	G2.0266 09
12	1550	1300	Underwater only	G2.0266 12

Filter Structure		Power		Input	
Regular	01	6W	06	Constant current	0
Frosted glass	02	9W	09	DC12V	1
Opal plate	06	12W	12	DC24V	2

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	40°	C	ON/OFF	1
6000K	8	120°	7	DMX512	2
RGB	D			0/1-10V	3
RGBW	H			PWM	6

GL268

Surface mounted Pool
Underwater Light





IK08 | IP68 | F | 1500kg | CE | UK CA | SELV | ETL

Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.94Kg
Load Pressure: 1500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

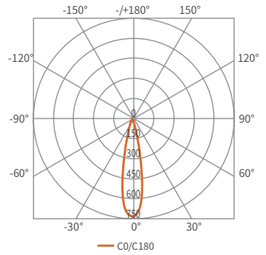
Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

IP68 rated	SUS316	50000h	1500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

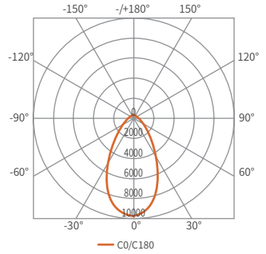
Unit: mm

GL268 8W 4000K 10°

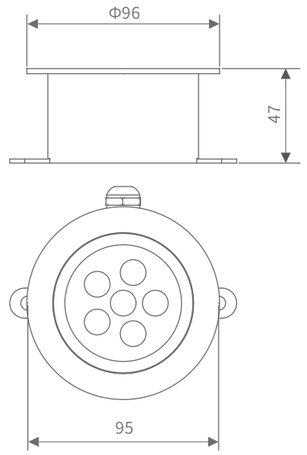


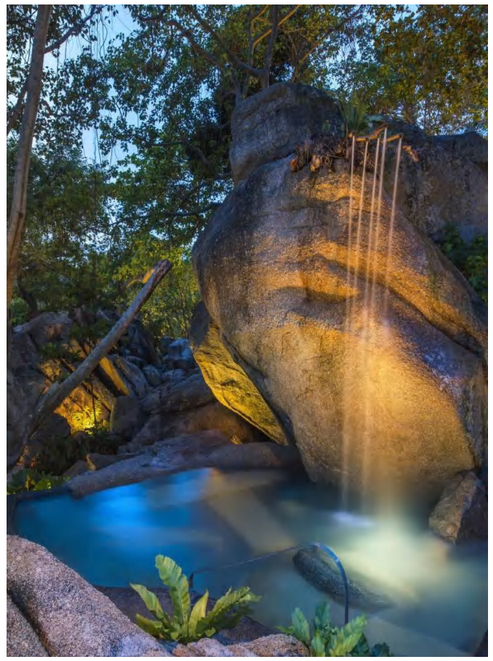
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	6353	9737	21.34
2	1588	2434	42.68
3	705.8	1082	64.02
4	397	608.61	85.36
5	254.1	389.5	106.7

GL268 8W 4000K 40°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	473.3	721.1	67.49
2	118.3	180.3	134.99
3	52.59	80.12	202.48
4	29.58	45.07	269.98
5	18.93	28.84	337.47





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
8	1100	950	Unlimited	G2.0268 08
12	1350	1120	Underwater only	G2.0268 12

Filter Structure		Power		Input	
Regular	01	8W	08	Constant current	0
Frosted glass	02	12W	12	DC24V	2
Opal plate	06				

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	40°	C	ON/OFF	1
6000K	8	120°	7	DMX512	2
RGB	D			0/1-10V	3
RGBW	H				

BL100

Recessed Pool
Underwater Light





D75 No Sleeve · IK10 · IP68 · F · 2000kg · CE · UKCA · SELV · ETL

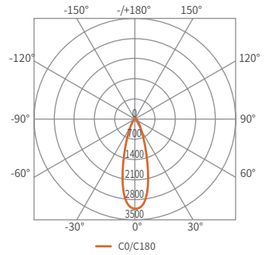
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Transmitting material: 10mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed , Ambient temperature -20℃~+45℃
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 1.65Kg
Load Pressure: 2000KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

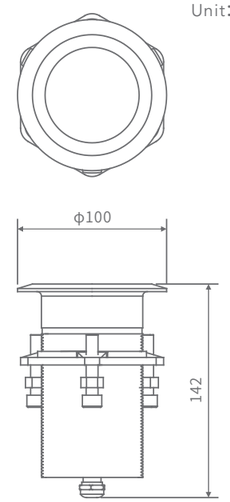
IP68 rated	SUS316	50000h	2000Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

BL100 20W 4000K 40°

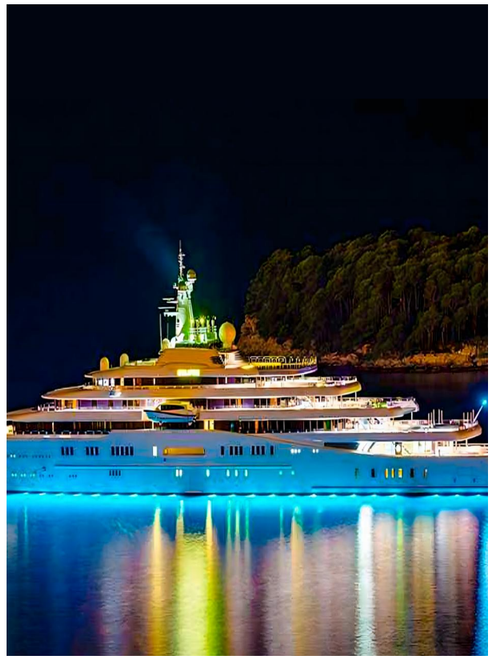


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	2032	3170	57.91
2	508.1	792.5	115.81
3	225.8	352.2	173.72
4	127	198.1	231.63
5	81.3	126.9	289.54

Unit: mm



Drill size: D75mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
15	1750	1450	Unlimited	G2.0100 15
20	2200	1800	Unlimited	G2.0100 20

Filter Structure		Power		Input	
Regular	01	15W	15	Constant current	0
Frosted glass	02	20W	20	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	40°	C	ON/OFF	1
6000K	8			DMX512	2
RGB	D			0/1-10V	3
RGBW	H			PWM	6

PL021

Surface Mounted Spot &
Underwater Light







IK08 IP68 IP68 CE UKCA SELV ETL

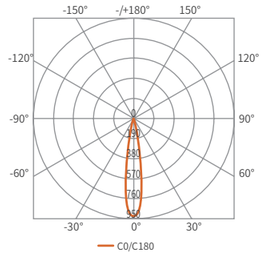
Body +bracket Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.58Kg
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

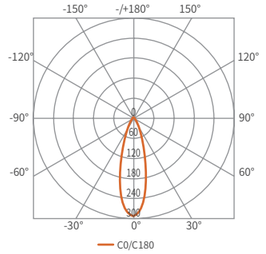
IP68 rated Waterproof performance	SUS316 Entirely Stainless steel	50000h Long lifetime

PL021 1W 4000K 12°



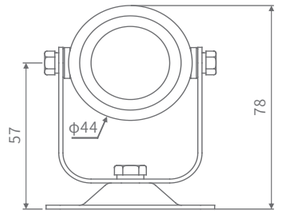
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	643.6	950.81	19.68
2	160.9	237.7	39.36
3	71.51	105.61	59.05
4	40.22	59.42	78.73
5	25.74	38.03	98.41

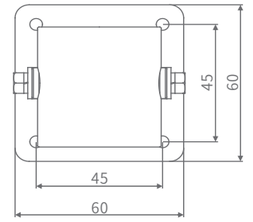
PL021 1W 4000K 45°

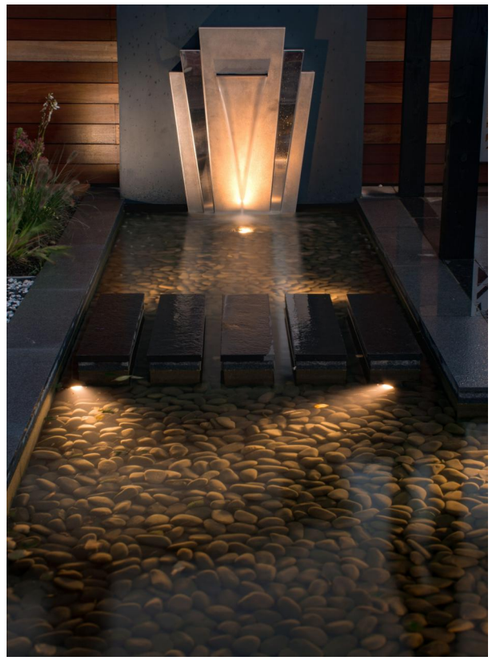


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	185.1	271.4	51.81
2	46.28	67.85	103.61
3	20.57	30.151	155.42
4	11.57	16.96	207.23
5	7.405	10.861	259.03

Unit: mm







Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	100	Unlimited	P2.0021 ☼01ϟ♧◣☺
2	180	130	Unlimited	P2.0021 ☼02ϟ♧◣☺
3	300	220	Unlimited	P2.0021 ☼03ϟ♧◣☺
4	430	325	Underwater only	P2.0021 ☼04ϟ♧◣☺

Filter Structure ☼		Power ⓘ		Input ϟ	
Regular	01	1W	01	Constant current	0
Frosted glass	02	2W	02	DC12V	1
Half shaded gals s	03	3W	03	DC24V	2
Opla plate	06	4W	04		

CCT Range ♧		Optics ◣		Controls ☺	
3000K	3	12°	1	Constant current	0
4000K	5	45°	5	ON/OFF	1
6000K	8	120°	7	DMX512	2
RGB	D			0/1-10V	3
				PWM	6

PL023

Surface Mounted Spot &
Underwater Light







IK08 | IP68 | F | CE | UKCA | SELV | ETL

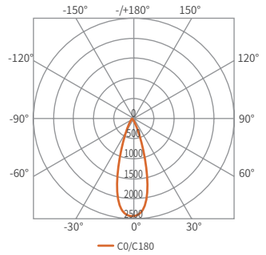
Body +bracket Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.75Kg
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

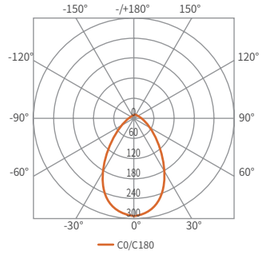
IP68 rated	SUS316	50000h
Waterproof performance	Entirely Stainless steel	Long lifetime

PL023 3W 4000K 20°



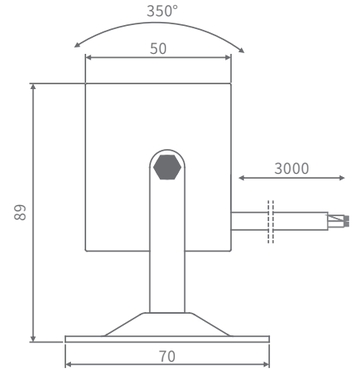
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1600	2488	25.69
2	414.9	622	51.39
3	184.4	276.4	77.08
4	103.7	155.5	102.78
5	66.39	99.52	128.47

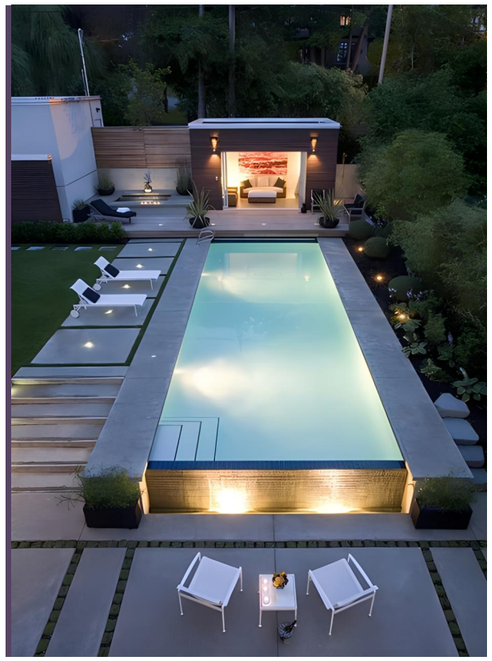
PL023 3W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	185.4	281	84.83
2	46.35	70.25	169.66
3	20.6	31.22	254.49
4	11.59	17.56	339.32
5	7.415	11.24	424.15

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	390	315	Unlimited	P2.0023 03
5	550	450	Unlimited	P2.0023 05
6	720	580	Underwater only	P2.0023 06
9	960	750	Underwater only	P2.0023 09

Filter Structure		Power		Input	
Regular	01	3W	03	Constant current	0
Frosted glass	02	5W	05	DC12V	1
Opla plate	06	6W	06	DC24V	2
Honeycomb Louvre	08	9W	09		

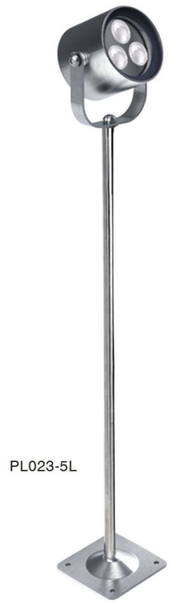
CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H	120°	7	PWM	6

PL023-2L PL023-5L

Surface Mounted Spot &
Underwater Light




PL023-2L


PL023-5L

IK08 IP68 F CE UKCA SELV ETL

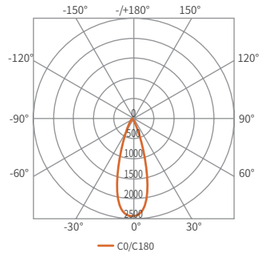
Body +bracket Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 1.15Kg(5L), 1.05Kg(2L)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

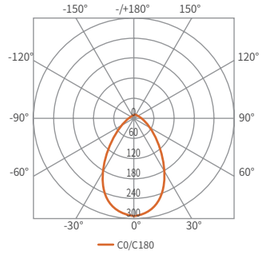
IP68 rated	SUS316	50000h
Waterproof performance	Entirely Stainless steel	Long lifetime

PL023-2L 3W 4000K 20°



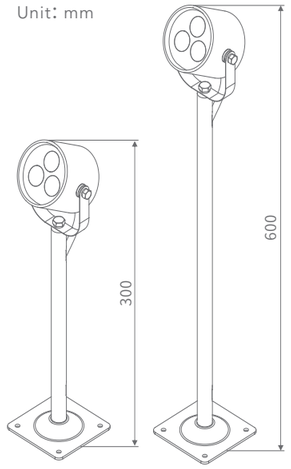
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1600	2488	25.69
2	414.9	622	51.39
3	184.4	276.4	77.08
4	103.7	155.5	102.78
5	66.39	99.52	128.47

PL023-2L 3W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	185.4	281	84.83
2	46.35	70.25	169.66
3	20.6	31.22	254.49
4	11.59	17.56	339.32
5	7.415	11.24	424.15

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	390	390	Unlimited	P2.0023 03
5	550	550	Unlimited	P2.0023 05
6	720	720	Underwater only	P2.0023 06
9	960	960	Underwater only	P2.0023 09

Filter Structure		Power		Input	
Regular	01	3W	03	Constant current	0
Frosted glass	02	5W	05	DC12V	1
Opla plate	06	6W	06	DC24V	2
Honeycomb Louvre	08	9W	09		

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H	120°	7	PWM	6

PL026

Surface Mounted Spot &
Underwater Light







IK08 IP68 F CE UKCA SELV ETL

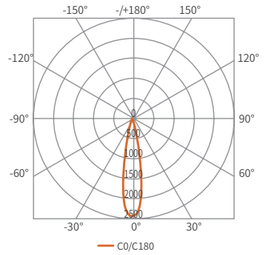
Body +bracket Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 1.05Kg
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

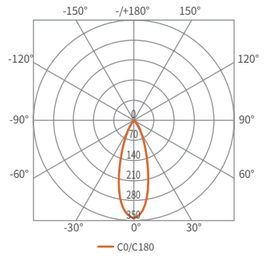
IP68 rated	SUS316	50000h
Waterproof performance	Entirely Stainless steel	Long lifetime

PL026 6W 4000K 10°



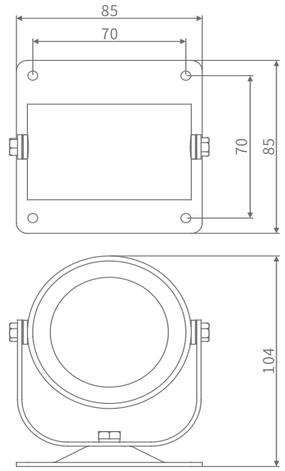
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	5001	6830	20.72
2	1250	1708	41.44
3	555.7	758.9	62.17
4	312.6	426.9	82.89
5	200	273.2	103.61

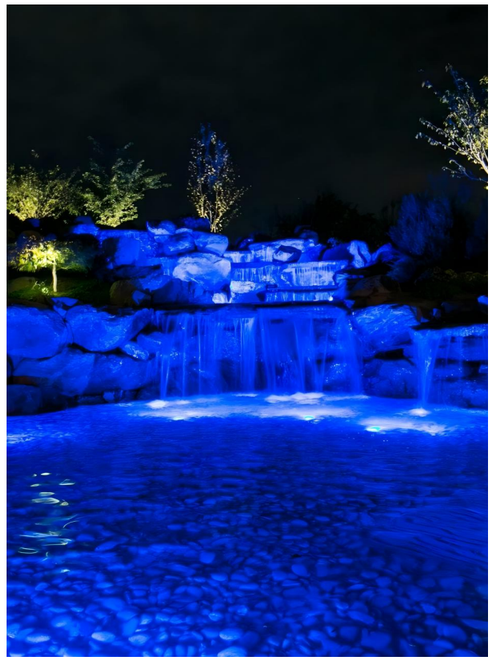
PL026 6W 4000K 40°



H(m)	Eavg(lx)	Emax(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

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
6	770	650	Unlimited	P2.0026 06
9	1100	920	Unlimited	P2.0026 09
12	1550	1300	Underwater only	P2.0026 12

Filter Structure		Power		Input	
Regular	01	6W	06	Constant current	0
Frosted glass	02	9W	09	DC12V	1
Opla plate	06	12W	12	DC24V	2

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	40°	C	ON/OFF	1
6000K	8	120°	7	DMX512	2
RGB	D			0/1-10V	3
RGBW	H			PWM	6

EU3030

Surface Mounted Spot &
Underwater Light





IK07 | IP68 | F | CE | UK CA | SELV | ETL

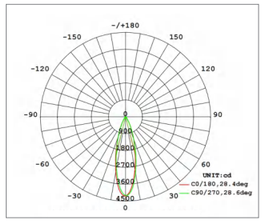
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.5Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

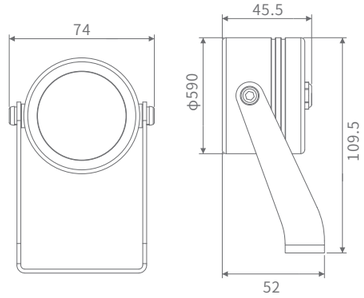
IP68 rated	SUS316	50000h
Waterproof performance	Entirely Stainless steel	Long lifetime

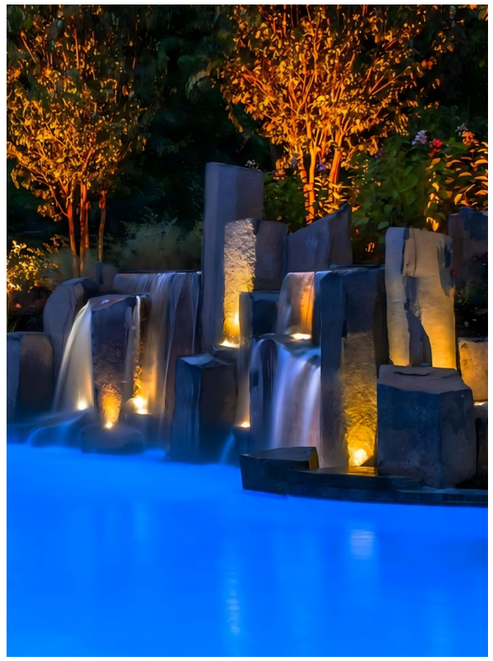
EU3030 14W 3000K 30°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	2751	4220	50.69
2	687.8	1055	101.38
3	305.7	468.9	152.07
4	171.9	263.8	202.762
5	110.0	168.8	253.45

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
7	780	630	Underwater only	P2.3030 07
14	1500	1200	Underwater only	P2.3030 14

Filter Structure		Power		Input	
Regular	01	7W	07	Constant current	0
Frosted glass	02	14W	14	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	15°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H			PWM	6

EU3031

Surface Mounted Spot &
Underwater Light





IK07 | IP68 | F | CE | UK CA | SELV | ETL

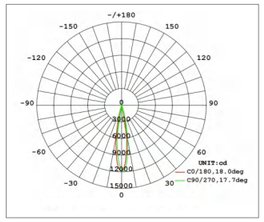
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 1Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

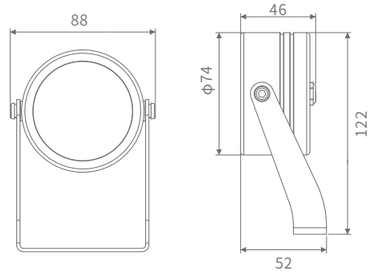
IP68 rated	SUS316	50000h
Waterproof performance	Entirely Stainless steel	Long lifetime

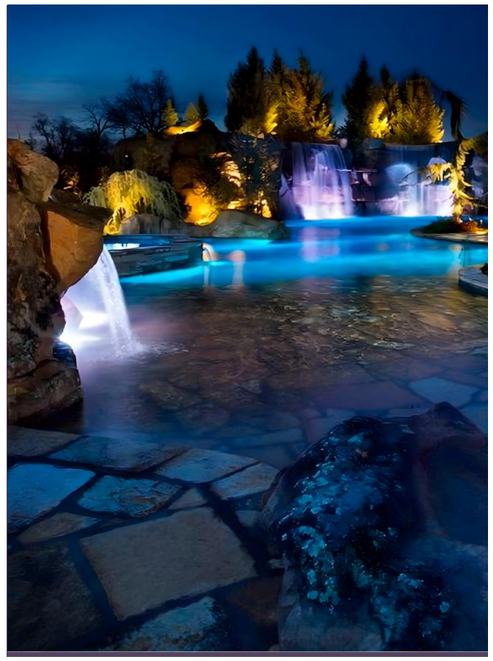
EU3031 22W 3000K 15°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	8321	11866	31.18
2	2080	2967	62.36
3	924.6	1318	93.54
4	520.1	741.6	124.72
5	332.8	474.6	155.90

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
14	1670	1350	Underwater only	P2.3031 14
22	2500	2000	Underwater only	P2.3031 22

Filter Structure		Power		Input	
Regular	01	14W	14	Constant current	0
Frosted glass	02	22W	22	DC24V	2

CCT Range		Optics		Controls	
3000K	3	15°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H			PWM	6

EU3032

Surface Mounted Spot &
Underwater Light





IK07 IP68 F CE UK CA SELV ETL

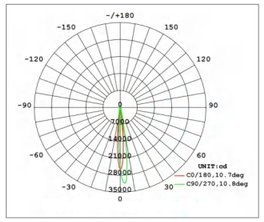
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 1.5Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

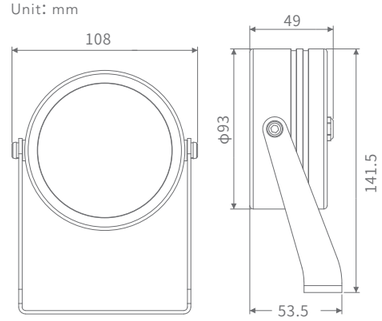
IP68 rated	SUS316	50000h
Waterproof performance	Entirely Stainless steel	Long lifetime

EU3032 27W 3000K 10°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	18393	31205	18.71
2	4598	7801	37.43
3	2044	3467	56.14
4	1150	1950	74.85
5	735.7	1248	93.57

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
27	3150	2500	Underwater only	P2.3032 27
43	5000	4050	Underwater only	P2.3032 43

Filter Structure		Power		Input	
Regular	01	27W	27	Constant current	0
Frosted glass	02	43W	43	DC24V	2

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H			PWM	6

EU3042

Surface Mounted Spot &
Underwater Light





IK08 IP68 F CE UK CA SELV ETL

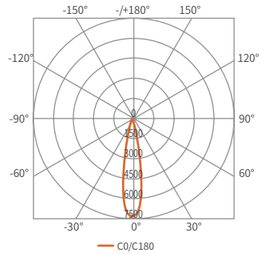
Body +bracket Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 1Kg
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

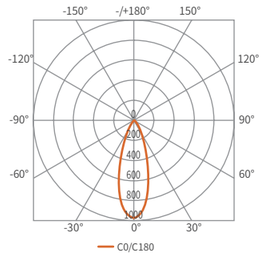
IP68 rated	SUS316	50000h
Waterproof performance	Entirely Stainless steel	Long lifetime

EU3042 13W 4000K 20°



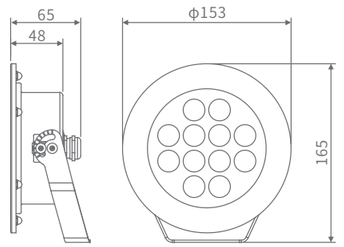
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	4873	7493	33.69
2	1218	1873	67.38
3	541.5	832.5	101.06
4	304.6	468.3	134.75
5	194.9	299.71	168.44

EU3042 13W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	575.8	976.7	115.79
2	143.9	224.2	231.58
3	63.98	108.51	347.37
4	35.99	61.05	463.17
5	23.03	39.07	578.96

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
13	1600	1250	Unlimited	P2.3042 13
24	3150	2400	Underwater only	P2.3042 24
36	4000	2900	Underwater only	P2.3042 36

Filter Structure		Power		Input	
Regular	01	13W	13	Constant current	0
Opla plate	06	24W	24	DC12V	1
Honeycomb Louvre	08	36W	36	DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H	120°	7	PWM	6

EU1971

Surface Mounted Spot & Underwater Light





IK07 | IP68 | F | ETL | CE | UKCA | SELV

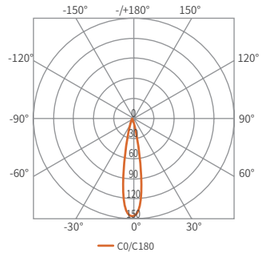
Body +bracket Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 0.3M length(male and femalePlug cable)
Unit Weight: 2.81Kg
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

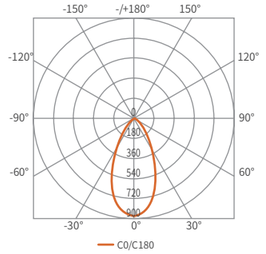
IP68 rated	SUS316	50000h
Waterproof performance	Entirely Stainless steel	Long lifetime

EU1971 13W 4000K 20°



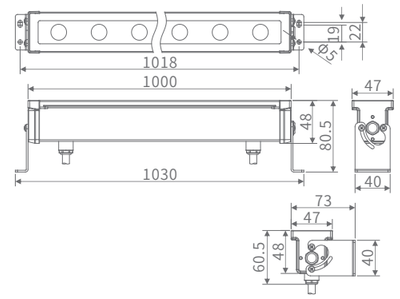
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	8004	11979	27.44
2	2001	2995	54.87
3	899.3	1331	82.31
4	500.3	748.7	109.74
5	320.2	479.21	137.18

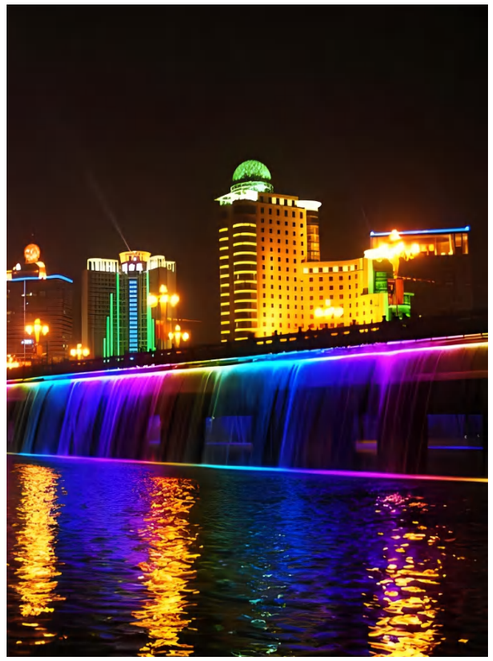
EU1971 13W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	575.8	976.7	115.79
2	143.9	224.2	231.58
3	63.98	108.51	347.37
4	35.99	61.05	463.17
5	23.03	39.07	578.96

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
13	1650	1200	Unlimited	L2.1971 13
24	3150	2350	Unlimited	L2.1971 24
36	4100	3100	Unlimited	L2.1971 36

Filter Structure		Power		Input	
Regular	01	13W	13	Constant current	0
Transversal Louvre	19	24W	24	DC12V	1
		36W	36	DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H			PWM	6

EU1972

Recessed Pool
Underwater Light





IK07 IP68 F 500kg CE UK CA SELV ETL

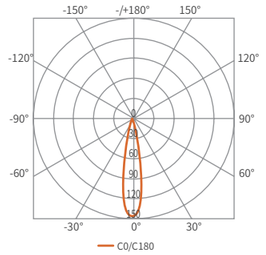
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 0.3M length(male and femalePlug cable)
Unit Weight: 4.05Kg
Load Pressure: 500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

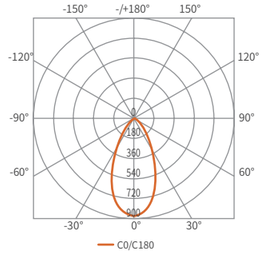
IP68 rated	SUS316	50000h	500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

EU1972 13W 4000K 20°



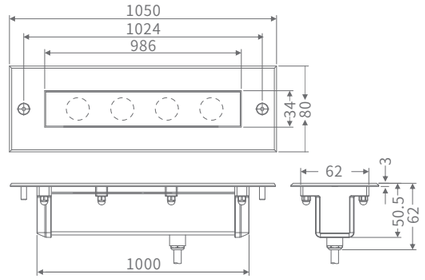
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	8004	11979	27.44
2	2001	2995	54.87
3	899.3	1331	82.31
4	500.3	748.7	109.74
5	320.2	479.21	137.18

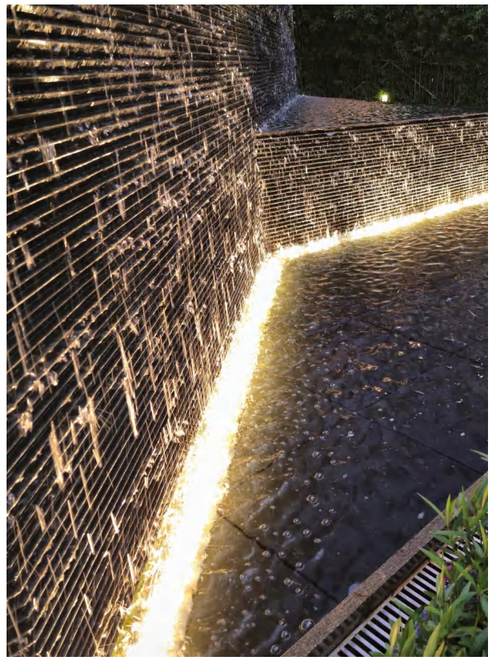
EU1972 13W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1116	1865	116
2	279	466.3	232
3	124	207.2	348
4	69.75	116.6	464.01
5	44.64	74.6	580.01

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
13	1650	1200	Unlimited	L2.1972 13
24	3150	2350	Unlimited	L2.1972 24
36	4100	3100	Unlimited	L2.1972 36

Filter Structure		Power		Input	
Regular	01	13W	13	Constant current	0
Transversal Louvre	19	24W	24	DC12V	1
		36W	36	DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H			PWM	6

02

Fountain Light



Product Guidance

IMAGE	PRODUCT CODE	POWER	OPTICS (°)	CCT (K)	IP	PAGE
	FL410	18	S20/30/45/F60	Single/ full colour	68	089/090 ▶
	FL411	18	S20/30/45/F60	Single/ full colour	68	091/092 ▶

02

EURBORN

Fountain Light

Eurborn Fountain Lights series, Marine Grade 316 Stainless Steel construction rated to IP68 to ensures robust protection against water ingress, it is a high-end special light designed and developed specifically for fountain landscape applications with high safety, high waterproof, high corrosion resistance, multi-light efficiency, energy saving, long life, easy maintenance and many other characteristics.

Because the lamps are in a high humidity environment for a long time, we attach great importance to the high standard selection of components and materials, strictly ensure the waterproof grade and actual performance of the lamps, and the comprehensive quality of the lamps has always remained in the forefront of the lighting industry.

Eurborn Fountain Lighting series which are widely used in Landscape, amusement, gardens, rivers and lakes. With outstanding performance advantages and fashionable designs, they are exported to 135 countries and regions, and have been well received by users



IP68 rated
Waterproof performance

SUS316
Entirely Stainless steel

50000h
Long lifetime





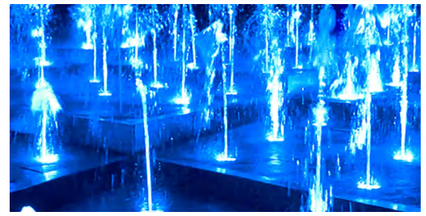
Color temperature range
1800K--6500K

- High dustproof and waterproof
- >50000hrs lifetime
- -20°C~+45°C Ambient temperature
- Multiple layers sealing
- SUS316 Stainless Steel
- 10mm wear-resistant tempered glass
- High quality LED
- RGBW







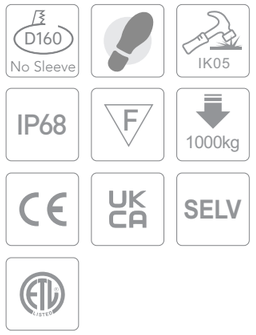


FL410

Recessed Pool
Underwater Light







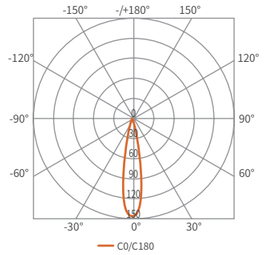
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 2*1.1M length
Unit Weight: 1.42Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

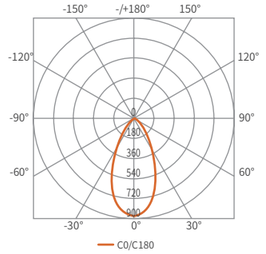
IP68 rated Waterproof performance	SUS316 Entirely Stainless steel	50000h Long lifetime	1000Kg Static Pressure Loading

FL410 10W 4000K 20°



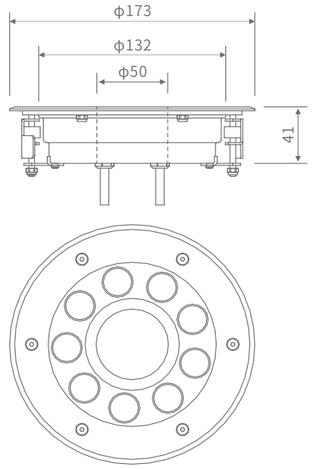
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	3350	4872	33.35
2	837.6	1218	66.69
3	372.3	541.3	100.04
4	209.4	304.5	133.39
5	134	194.9	166.74

FL410 10W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	454	725.5	109.63
2	113.5	181.4	219.26
3	50.44	80.61	328.89
4	28.37	45.34	438.52
5	18.16	29.02	548.15

Unit: mm



Drill size：D160mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
10	1200	1000	Unlimited	W2.0410☼10⚡♣◣☺
12	1450	1200	Unlimited	W2.0410☼12⚡♣◣☺
18	2200	1800	Unlimited	W2.0410☼18⚡♣◣☺

Filter Structure ☼		Power ⓘ		Input ⚡	
Regular	01	10W	10	Constant current	0
		12W	12	DC12V	1
		18W	18	DC24V	2

CCT Range ♣		Optics ◣		Controls ☺	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H			PWM	6

FL411

Surface Mounted
Underwater Light





IP68 IK05 1000kg CE UK CA SELV ETL

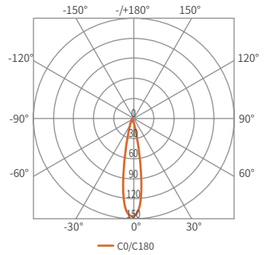
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 2*1.1M length
Unit Weight: 1.42Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

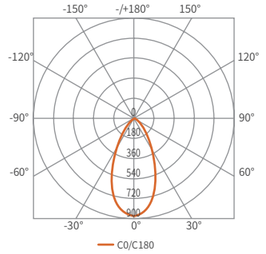
IP68 rated	SUS316	50000h	1000Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

FL411 10W 4000K 20°



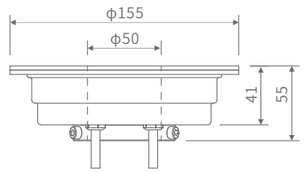
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	3350	4872	33.35
2	837.6	1218	66.69
3	372.3	541.3	100.04
4	209.4	304.5	133.39
5	134	194.9	166.74

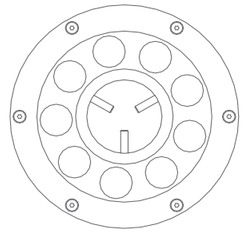
FL411 10W 4000K 60°

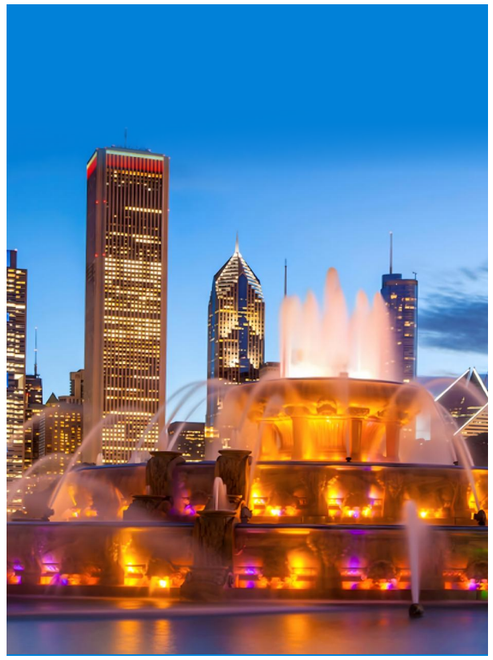


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	454	725.5	109.63
2	113.5	181.4	219.26
3	50.44	80.61	328.89
4	28.37	45.34	438.52
5	18.16	29.02	548.15

Unit: mm







Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
10	1200	1000	Unlimited	W2.0411☼10
12	1450	1200	Unlimited	W2.0411☼12
18	2200	1800	Unlimited	W2.0411☼18

Filter Structure		Power		Input	
Regular	01	10W	10	Constant current	0
		12W	12	DC12V	1
		18W	18	DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H			PWM	6

03

Ground Light

Product Guidance

IMAGE	PRODUCT CODE	POWER	OPTICS (°)	CCT (K)	IP	PAGE
	EU1926	3	10/20	Single	67	097/098 ▶
	EU1927	5	15/24	Single	67	099/100 ▶
	EU1928	8	15/24	Single	67	101/102 ▶
	EU1965H	6	20/60	Single	67	103/104 ▶
	EU1968	7	3	Single	67	105/106 ▶
	EU1968B	7	15/24/36/50	Single	67	107/108 ▶
	GL117	3	10/20/40/60	Single	67	109/110 ▶
	GL130	3	20/60	Single	67	111/112 ▶
	GL151	3	–	Single	68	113/114 ▶
	GL191	1	–	Single	68	115/116 ▶
	GL080	9	10/40	Single/ full colour	67	117/118 ▶
	GL120	20	20/45/60	Single/ full colour	67	119/120 ▶
	GL180	20	20/45/60	Single/ full colour	67	121/122 ▶
	GL240	36	20/45/60	Single/ full colour	67	123/124 ▶
	GL310	36	20/30/45/60	Single/ full colour	67	125/126 ▶
	EU1953	12	120	Single/ full colour	67	127/128 ▶
	EU1947	7	45	Single	67	129/130 ▶
	EU1948	3	20/30/45/60	Single	67	131/132 ▶
	EU1967	2	120	Single	67	133/134 ▶
	EU1958	1	120	Single	67	135/136 ▶
	EU1959	3	120	Single	67	137/138 ▶
	EU1915	2	40X120	Single	68	139/140 ▶
	EU1934	2	Special angle	Single	68	141/142 ▶
	EU1935	4	Special angle	Single	68	143/144 ▶
	EU1936	6	Special angle	Single	68	145/146 ▶
	EU1966	5	15/20/30/45/60	Single	67	147/148 ▶

03

EURBORN

Ground Light

EURBORN has developed 3 series and more than 20 models of underwater lighting products, which are widely used in underwater, architectural, gardening, indoor and other fields. With highly dustproof and waterproof structure design, impact resistance, corrosion resistance, wear resistance, high safety is its main features.

High-strength SUS316 stainless steel + aluminum alloy shell and wear-resistant high-light glass, to ensure the safety of the in-ground light operation. Well assembled by professional engineers with more than 20 years of experience to ensure that the lamp with high performance and stable operation, ambient temperature can reach -20℃~+45℃, service life of up to 50,000 hours.

Eurborn Recessed Light with outstanding performance advantages and fashionable designs, they are exported to 135 countries and regions, and have been well received by users.

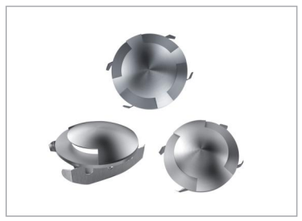


SUS316
Entirely Stainless steel

IP67+IP68 rated
Waterproof performance

−20℃~+45℃
Ambient temperature

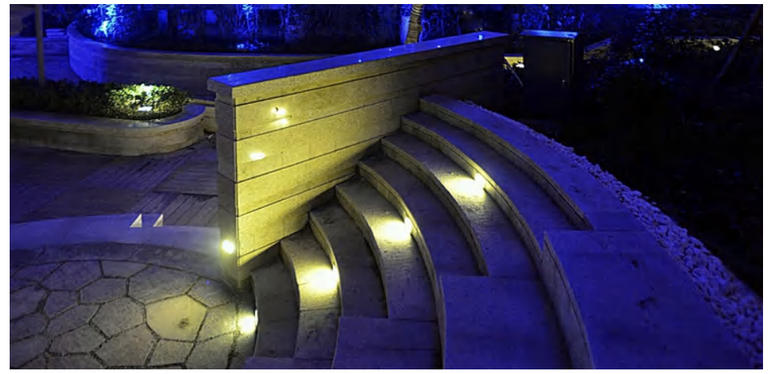


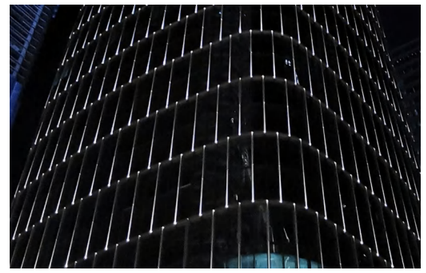


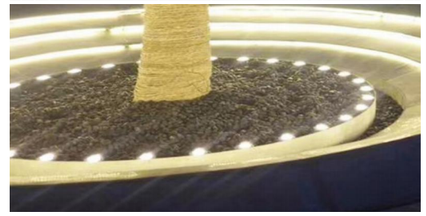


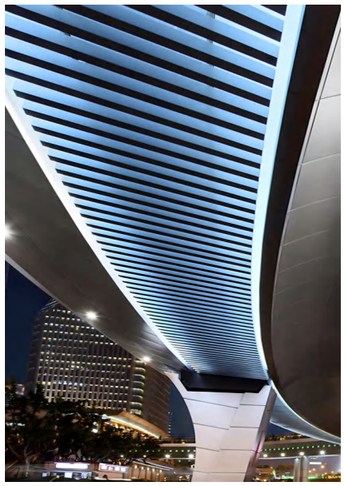
Color temperature range
1800K--6500K

- SUS316 Stainless Steel
- IP67+IP68
- -20℃~+45℃Ambient temperature
- High dustproof and waterproof
- >50000hrs lifetime
- Multiple layers sealing
- ≥3M cable
- High quality LED
- RGBW









EU1926

Adjustable
Recessed In-ground Light







Adjustable range is **30°**

D62 No sleeve · IK08 · 2000kg · IP67 · F · CE · UK CA · SELV · ETL LISTED

Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.5Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Load Pressure: 2000KG (Static)
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

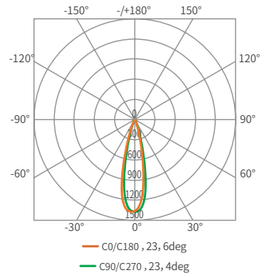
Optional Accessory



Please refer to pages 289-291 to choose a remote power supply.

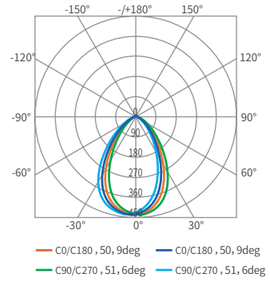
IP67 rated	SUS316	50000h	2000Kg
Waterproof performance	Stainless Steel Frame	Long lifetime	Static Pressure Loading

EU1926 3W 3000K 20°



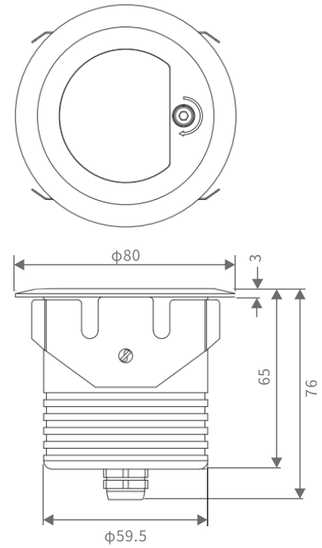
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	972.5	1399	41.44
2	243.1	349.8	82.88
3	108.1	155.5	124.33
4	60.78	87.45	165.77
5	38.90	55.97	207.21

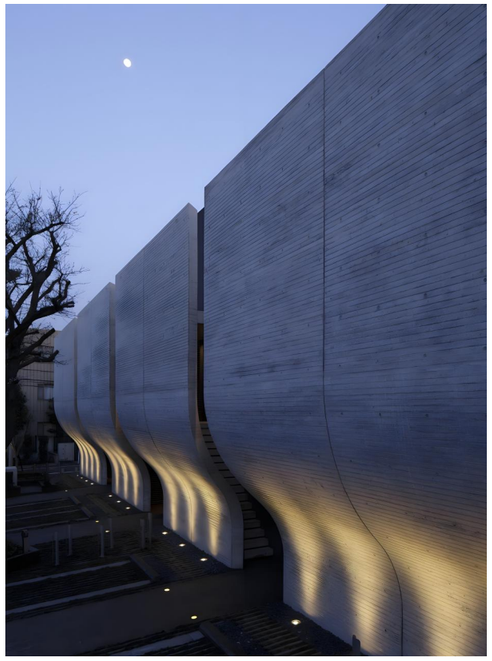
EU1926 6W 3000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	252.6	405.4	92.20
2	63.16	101.4	184.40
3	28.07	45.05	276.60
4	15.79	25.34	368.80
5	10.11	16.22	461.00

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	300	240	IN-GROUND	G5.1926 03
6	600	480	IN-GROUND	G5.1926 06

Filter Structure		Power		Input	
Regular	01	3W	03	Constant current	0
Frosted glass	02	6W	06	DC24V	2

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	20°	3	ON/OFF	1
6000K	8	30°	4	DMX512	2
		40°	C	0/1-10V	3
		60°	6	PWM	6

EU1927

Adjustable
Recessed In-ground Light











Adjustable range is **30°**

D85 No sleeve | IK08 | 2000kg

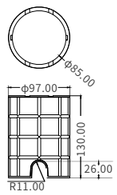
IP67 | F | CE

UK CA | SELV | ETL

Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 1.0Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Load Pressure: 2000KG (Static)
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Optional Accessory

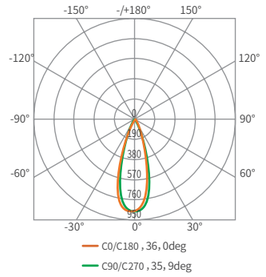




Please refer to pages 289-291 to choose a remote power supply.

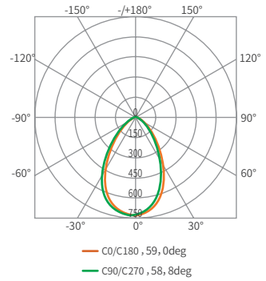
IP67 rated	SUS316	50000h	2000Kg
Waterproof performance	Stainless Steel Frame	Long lifetime	Static Pressure Loading

EU1927 5W 3000K 36°



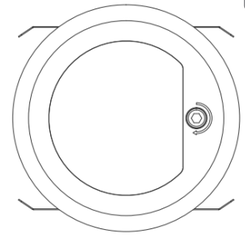
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	633.5	914.6	64.80
2	158.4	228.6	129.61
3	70.39	101.6	194.41
4	39.60	57.16	259.21
5	25.34	36.58	324.01

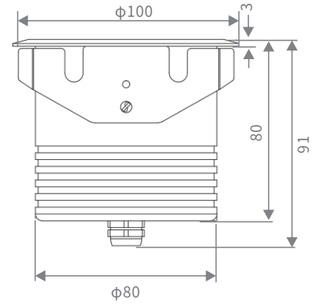
EU1926 7W 3000K 60°

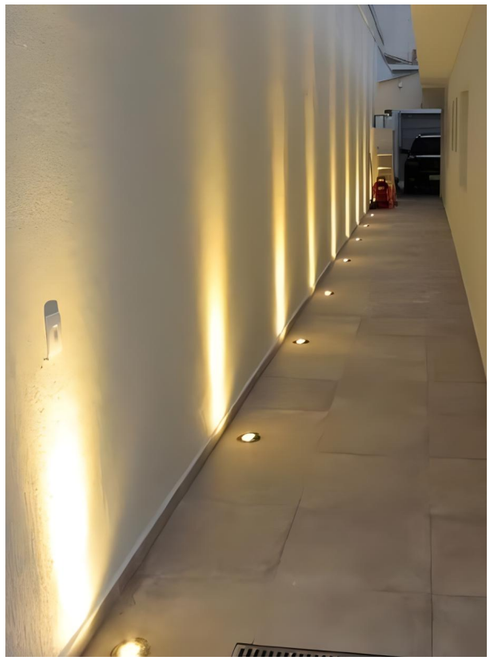


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	443.6	720.5	112.66
2	110.9	180.1	225.33
3	49.29	80.05	337.99
4	27.72	45.03	450.66
5	17.74	28.82	563.32

Unit: mm







Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
5	580	470	IN-GROUND	G5.1927 05
7	700	570	IN-GROUND	G5.1927 07
9	980	790	IN-GROUND	G5.1927 09

Filter Structure		Power		Input	
Regular	01	5W	05	Constant current	0
Frosted glass	02	7W	07	DC24V	2
		9W	09		

CCT Range		Optics		Controls	
3000K	3	15°	2	Constant current	0
4000K	5	24°	Q	ON/OFF	1
6000K	8	36°	E	DMX512	2
		60°	6	0/1-10V	3
				PWM	6

EU1928

Adjustable
Recessed In-ground Light







Adjustable range is **30°**

Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 1.5Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Load Pressure: 2000KG (Static)
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

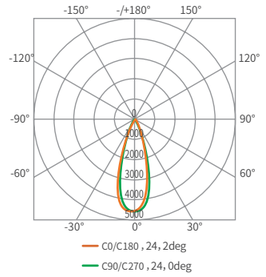
Optional Accessory



Please refer to pages 289-291 to choose a remote power supply.

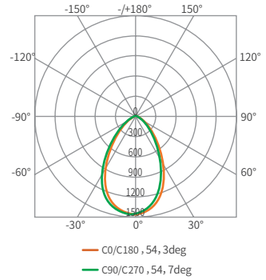
IP67 rated	SUS316	50000h	2000Kg
Waterproof performance	Stainless Steel Frame	Long lifetime	Static Pressure Loading

EU1928 8W 3000K 24°



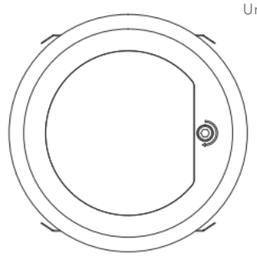
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	3275	4815	42.52
2	818.8	1204	85.04
3	363.9	535.0	127.55
4	204.7	300.9	170.07
5	131.0	192.6	212.59

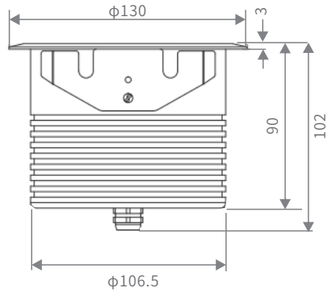
EU1928 16W 3000K 60°

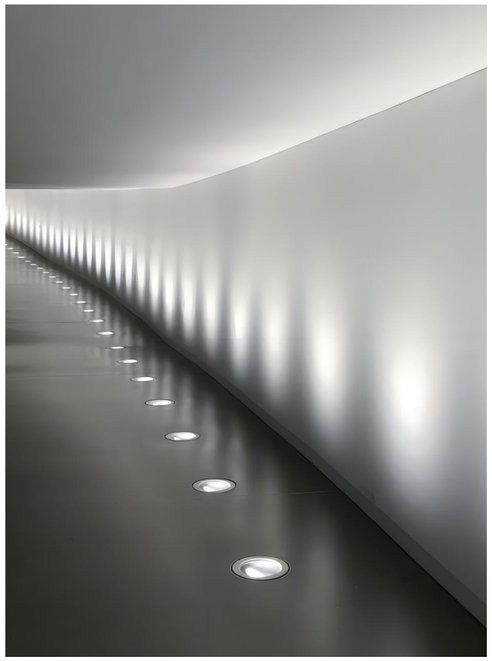


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	849.6	1448	102.59
2	212.4	362.1	205.17
3	94.40	160.9	307.76
4	53.10	90.52	410.34
5	33.98	57.93	512.93

Unit: mm







Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
8	950	780	IN-GROUND	G5.1928 08
12	1620	1300	IN-GROUND	G5.1928 12
16	1950	1950	IN-GROUND	G5.1928 16

Filter Structure		Power		Input	
Regular	01	8W	08	Constant current	0
Frosted glass	02	12W	12	DC24V	2
		16W	16		

CCT Range		Optics		Controls	
3000K	3	15°	2	Constant current	0
4000K	5	24°	Q	ON/OFF	1
6000K	8	36°	E	DMX512	2
		60°	6	0/1-10V	3
				PWM	6

EU1965H

Recessed In-ground Light



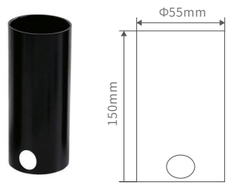


D50 No sleeve · IK08 · IP67 · F · 1000kg · CE · UKCA · SELV · ETL

Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.43Kg
Load Pressure: 1000KG (Static)
Controls: Constant current, ON/OFF
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

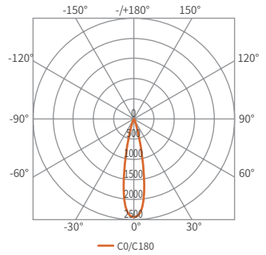
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory



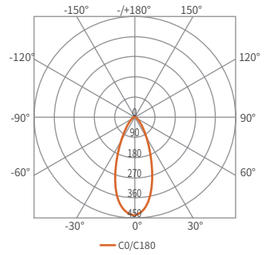
IP67 rated Waterproof performance	SUS316 Stainless Steel Frame	50000h Long lifetime	1000Kg Static Pressure Loading

EU1965H 6W 4000K 20°



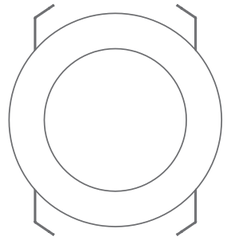
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1397	548.1	24.63
2	349.2	243.61	49.26
3	155.2	137	73.89
4	87.29	87.69	98.52
5	55.87	93.98	123.15

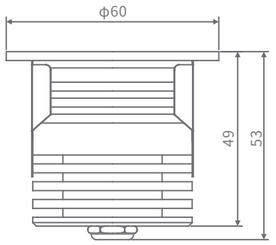
EU1965H 6W 4000K 60°



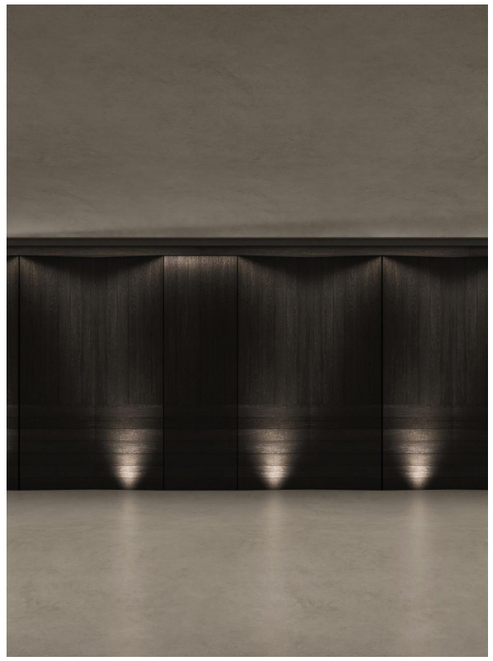
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	563	869.41	74.93
2	140.7	217.41	149.86
3	62.55	12.141	224.79
4	35.18	96.6	299.72
5	22.52	16.22	374.65

Unit: mm





Drill size: D50mm



Parameters

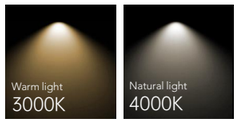
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	300	200	IN-GROUND	G5.1965 03
5	600	360	IN-GROUND	G5.1965 05
6	680	430	IN-GROUND	G5.1965 06

Filter Structure		Power		Input	
Frosted glass	02	3W	03	Constant current	0
Half shaded glass	03	5W	05	DC12V	1
Honeycomb Louvre	08	6W	06	DC24V	2
Anti-glare baffle	09				

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5		
		60°	6		

EU1968

Recessed In-ground Light







D70 No sleeve · IK08 · IP67 · 1000kg · CE · UKCA · SELV · ETL

Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.75Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

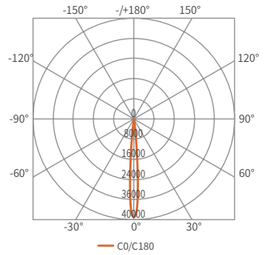
Optional Accessory



Please refer to pages 289-291 to choose a remote power supply.

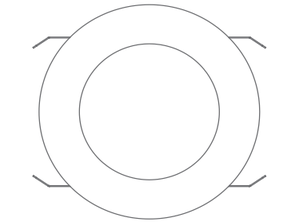
IP67 rated Waterproof performance	SUS316 Stainless Steel Frame	50000h Long lifetime	1000Kg Static Pressure Loading

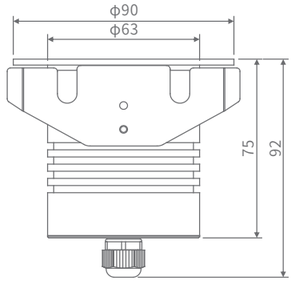
EU1968 7W 4000K 3°



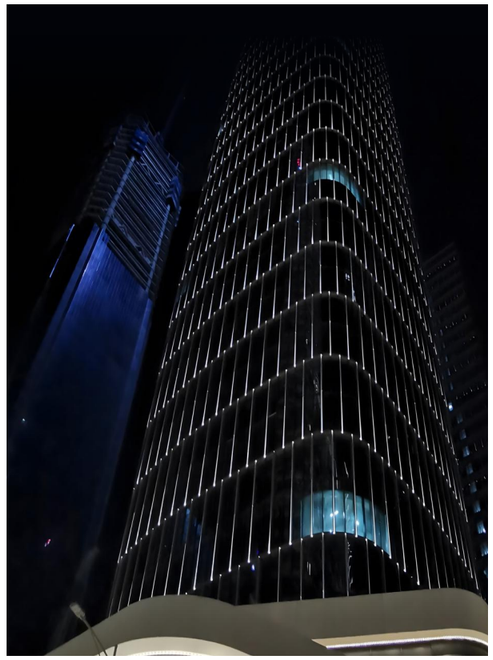
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	25001	40792	8.57
2	6250	10198.0	17.15
3	2778	4532	25.72
4	1563	2550	34.3
5	1000	1632	42.87

Unit: mm





Drill size: D70mm



Parameters

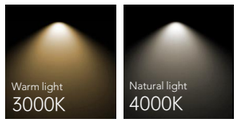
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
7	760	550	IN-GROUND	G5.1968 07
9	930	670	IN-GROUND	G5.1968 09

Filter Structure		Power		Input	
Frosted glass	02	7W	07	Constant current	0
Half shaded glass	03	9W	09	DC24V	2
Honeycomb Louvre	08				
Anti-glare baffle	09				

CCT Range		Optics		Controls	
3000K	3	3°	A	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
				0/1-10V	3
				PWM	6

EU1968B

Recessed In-ground Light

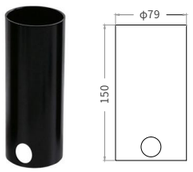






D70 No sleeve · IK08 · IP67 · F · 1000kg · CE · UKCA · SELV · ETL

Optional Accessory

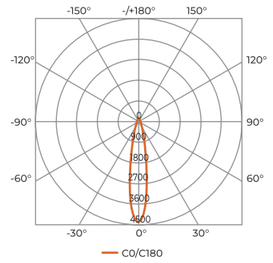


Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.75Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

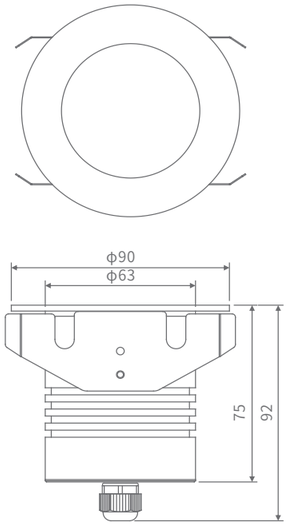
IP67 rated Waterproof performance	SUS316 Stainless Steel Frame	50000h Long lifetime	1000Kg Static Pressure Loading

EU1968B 7W 4000K 24°

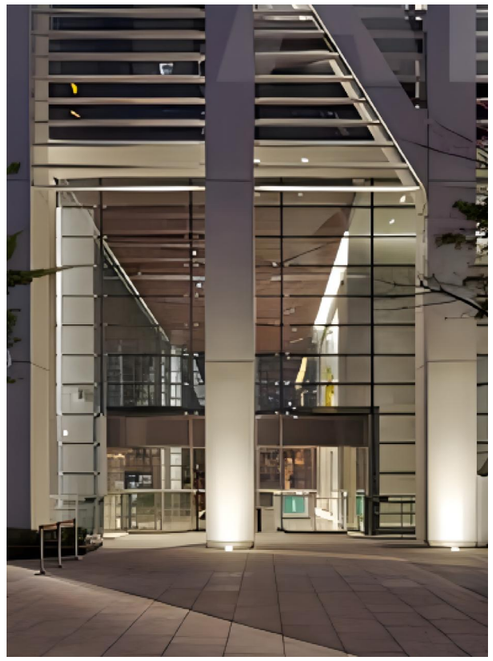


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	2898	4344	42.57
2	724.6	10861	85.14
3	322	428.6	127.72
4	181.1	271.51	170.29
5	115.9	173.7	212.86

Unit: mm



Drill size: D70mm



Parameters

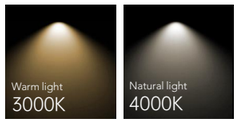
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
7	760	550	IN-GROUND	G5.1968 07
9	930	670	IN-GROUND	G5.1968 09

Filter Structure		Power		Input	
Frosted glass	02	7W	07	Constant current	0
Half shaded glass	03	9W	09	DC24V	2
Honeycomb Louvre	08				
Anti-glare baffle	09				

CCT Range		Optics		Controls	
3000K	3	15°	2	Constant current	0
4000K	5	24°	Q	ON/OFF	1
6000K	8	36°	E	DMX512	2
		50°	F	0/1-10V	3
				PWM	6

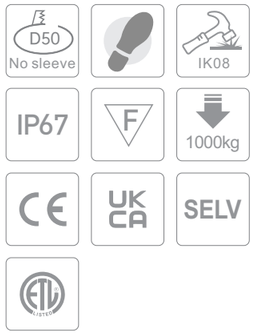
GL117

Recessed In-ground Light









Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.25Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

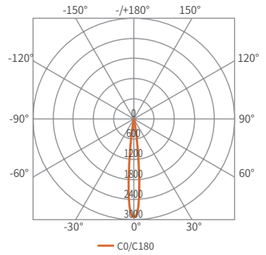
Optional Accessory



Please refer to pages 289-291 to choose a remote power supply.

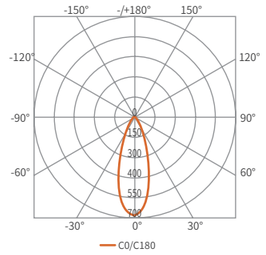
IP67 rated Waterproof performance	SUS316 Stainless Steel Frame	50000h Long lifetime	1000Kg Static Pressure Loading

GL117 3W 4000K 10°



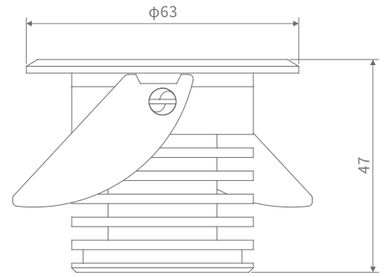
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	2052	2834	23.16
2	512.9	708.6	46.32
3	228	314.91	69.48
4	128.2	177.2	92.64
5	82.07	113.41	115.8

GL117 3W 4000K 40°

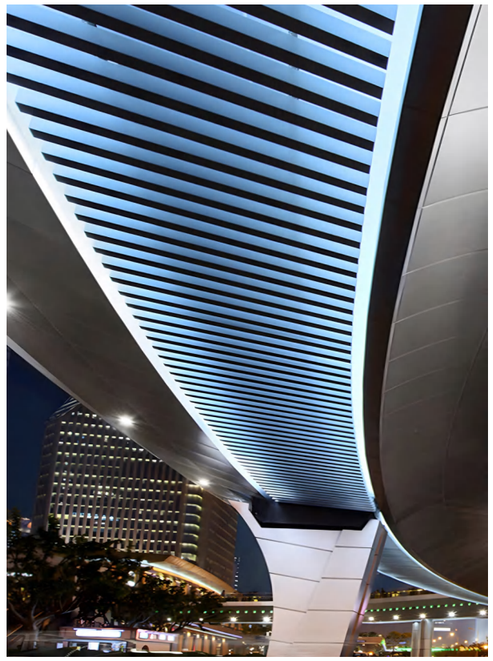


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	469.1	711.1	62.34
2	117.3	177.8	124.68
3	52.12	79.01	187.03
4	29.32	44.44	249.37
5	18.76	28.44	311.71

Unit: mm



Drill size：D50mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	400	300	Unlimited	G5.0117 03
5	670	505	Unlimited	G5.0117 05

Filter Structure		Power		Input	
Regular	01	3W	03	Constant current	0
Frosted glass	02	5W	05	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	20°	3	ON/OFF	1
6000K	8	40°	C	DMX512	2
		60°	6	0/1-10V	3
				PWM	6

GL130

Recessed In-ground Light





D74 No sleeve · IK07 · IP67 · F · 1000kg · CE · UKCA · SELV · ETL

Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Unit Weight: 0.93Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

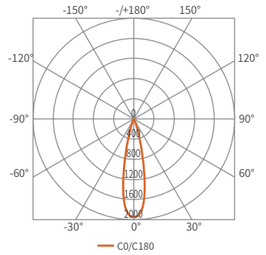
Optional Accessory



Please refer to pages 289-291 to choose a remote power supply.

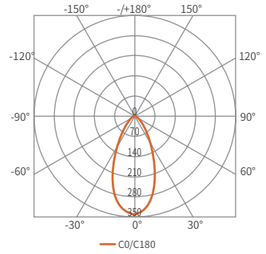
IP67 rated Waterproof performance	SUS316 Stainless Steel Frame	50000h Long lifetime	1000Kg Static Pressure Loading

GL130 3W 4000K 20°



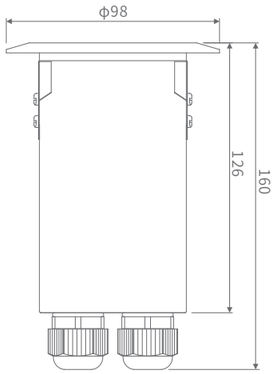
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1150	1673	27.63
2	287.4	418.3	55.26
3	127.7	188.9	82.89
4	71.84	104.6	110.52
5	45.98	66.93	138.15

GL130 3W 4000K 60°

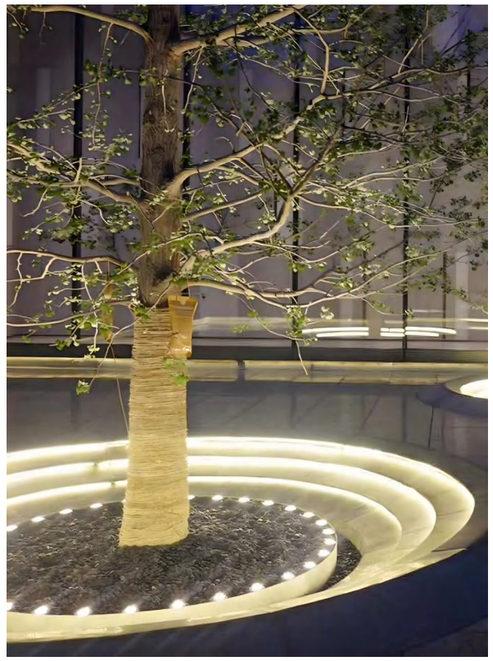


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	140.2	210.2	87.73
2	52.09	78.13	143.92
3	23.15	34.72	215.88
4	13.02	19.53	287.84
5	8.334	12.5	359.79

Unit: mm



Drill size: D74mm



Parameters

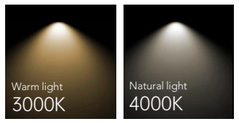
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	400	300	Unlimited	G5.0130 03
6	800	570	Unlimited	G5.0130 06
9	1100	745	Unlimited	G5.0130 09

Filter Structure		Power		Input	
Regular	01	3W	03	Constant current	0
Frosted glass	02	6W	06	DC12V	1
		9W	09	DC24V	2
				220-240VAC	7

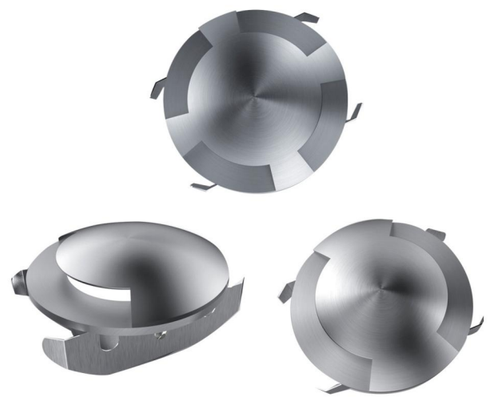
CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
		60°	6	0/1-10V	3
				PWM	6

GL151 GL152 GL154

Recessed Pool
Underwater Light







D65 No sleeve · IK10 · IP68 · F · 1000kg · CE · UK CA · SELV · ETL

Cap+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Transmitting material: PC+SS316 Cap.
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length.
Unit Weight: 0.72Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

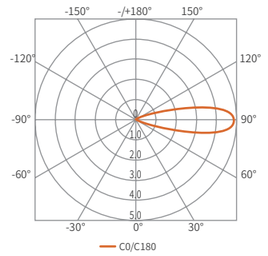
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory

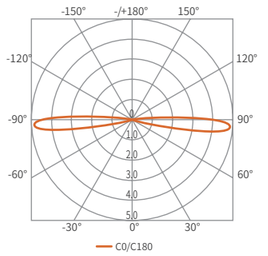


IP68 rated	SUS316	50000h	1000Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

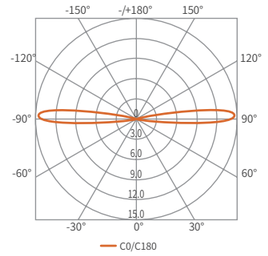
GL151 3W 4000K



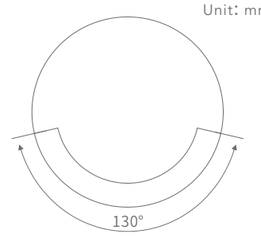
GL152 3W 4000K

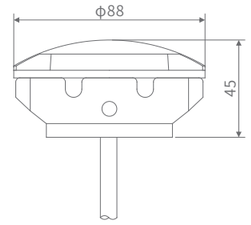


Gl154 3W 4000K



Unit: mm





Drill size: D65mm



Parameters

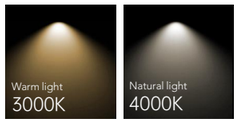
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	400	20	Unlimited	G2.0151 03
6	800	35	Underwater only	G2.0151 06
3	400	25	Unlimited	G2.0152 03
6	800	45	Underwater only	G2.0152 06
3	400	30	Unlimited	G2.0154 03
6	800	55	Underwater only	G2.0154 06

Filter Structure		Power		Input	
Regular	01	3W	03	Constant current	0
		6W	06	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	Special angle	Z	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
				0/1-10V	3
				PWM	6

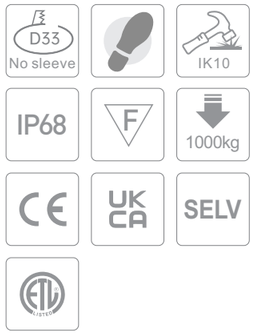
GL191 GL192 GL193 GL194

Recessed Pool
Underwater Light









Cap+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Transmitting material: PC+SS316 Cap.
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.14Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

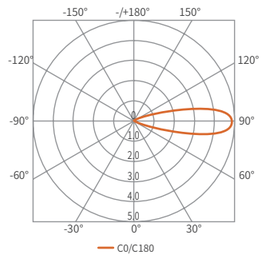
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory

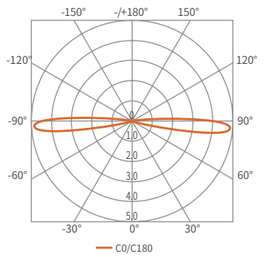


IP68 rated Waterproof performance	SUS316 Entirely Stainless steel	50000h Long lifetime	1000Kg Static Pressure Loading

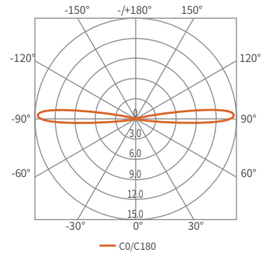
GL191 1W 4000K



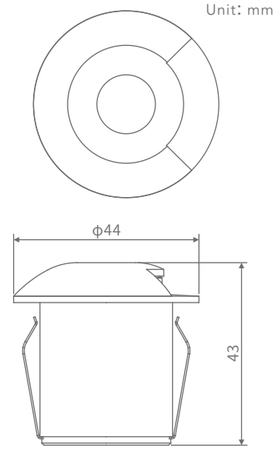
GL192 1W 4000K



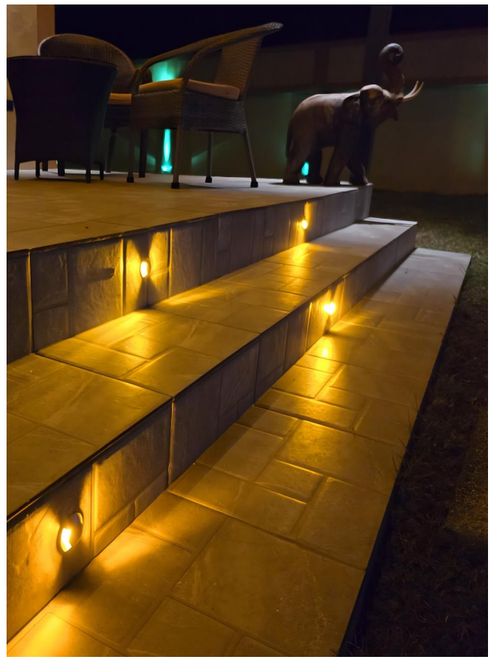
GL193 1W 4000K



Unit: mm



Drill size：D33mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	130	10	Unlimited	G2.0191 01
3	400	20	Unlimited	G2.0191 03
1	130	20	Unlimited	G2.0192 01
3	400	55	Unlimited	G2.0192 03
1	130	25	Unlimited	G2.0193 01
3	400	65	Unlimited	G2.0193 03

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
		3W	03	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	Special angle	Z	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
				0/1-10V	3
				PWM	6

GL080

Recessed In-ground Light



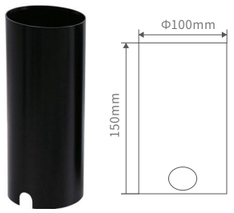




Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 1.1Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

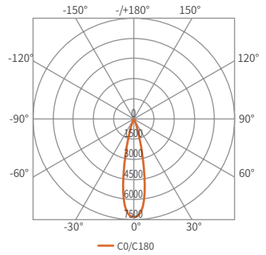
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory



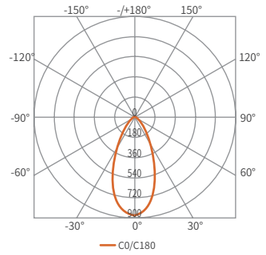
IP67 rated Waterproof performance	SUS316 Stainless Steel Frame	50000h Long lifetime	1000Kg Static Pressure Loading

GL080 6W 4000K 10°



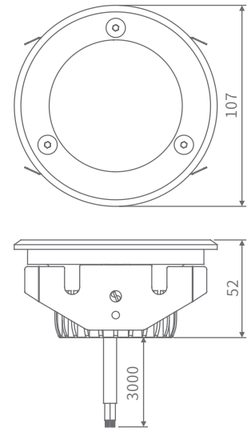
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	5245	7473	19.66
2	1311	1868	39.33
3	582.8	830.3	58.99
4	327.8	467.1	78.66
5	209.8	298.9	98.32

GL080 6W 4000K 40°

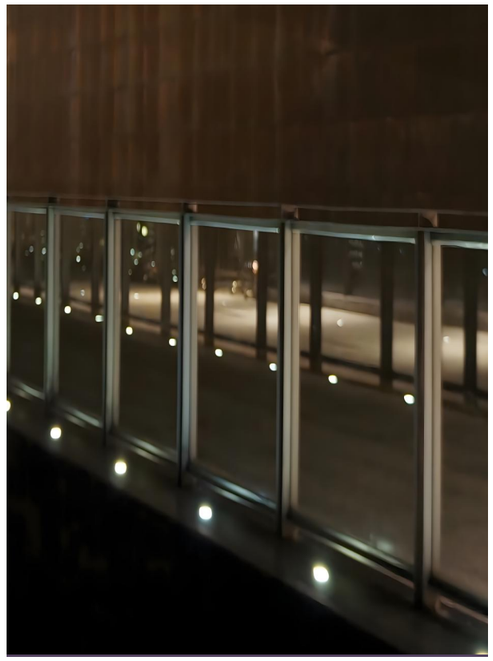


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	548	853.1	65.71
2	137	213.3	131.42
3	60.89	94.79	197.13
4	34.25	53.32	262.84
5	21.92	34.13	328.55

Unit: mm



Drill size: D95mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	400	315	IN-GROUND	G5.0080 03
6	770	650	IN-GROUND	G5.0080 06
9	1100	920	IN-GROUND	G5.0080 09

Filter Structure		Power		Input	
Regular	01	3W	03	Constant current	0
Frosted glass	02	6W	06	DC12V	1
		9W	09	DC24V	2

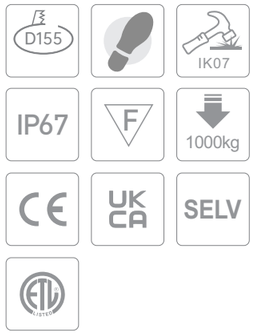
CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	40°	C	ON/OFF	1
6000K	8	120°	7	DMX512	2
RGB	D			0/1-10V	3
RGBW	H			PWM	6

GL120

Recessed In-ground Light

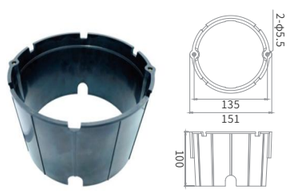






Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 10mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 1.91Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

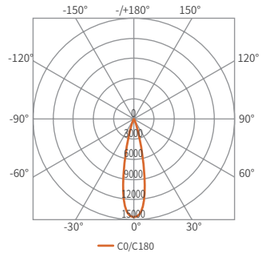
Optional Accessory



Please refer to pages 289-291 to choose a remote power supply.

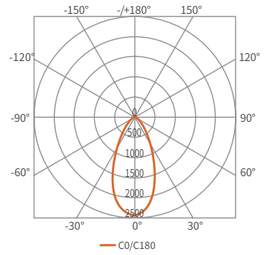
IP67 rated Waterproof performance	SUS316 Stainless Steel Frame	50000h Long lifetime	1000Kg Static Pressure Loading

GL120 13W 4000K 20°



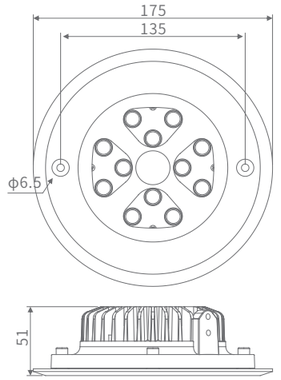
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	10238	13789	23.74
2	2559	3447	47.49
3	1138	1532	71.23
4	639.9	861.8	94.98
5	409.5	551.6	118.72

GL120 13W 4000K 40°

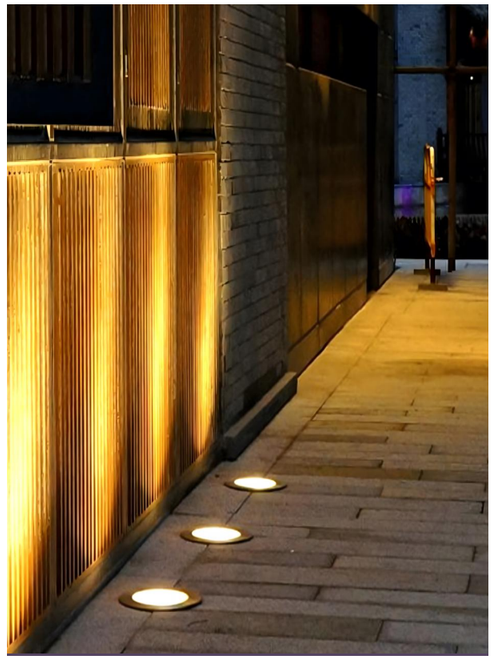


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1526	2370	67.73
2	381.5	592.6	135.46
3	169.6	263.4	203.18
4	95.38	148.2	270.91
5	61.04	94.82	338.64

Unit: mm



Drill size: D155mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
13	1550	1300	IN-GROUND	G5.0120 13
20	2200	1850	IN-GROUND	G5.0120 20

Filter Structure		Power		Input	
Regular	01	13W	13	Constant current	0
Frosted glass	02	20W	20	DC12V	1
Opla plate	06			DC24V	2

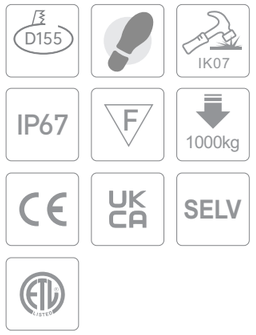
CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	45°	5	ON/OFF	1
6000K	8	60°	6	DMX512	2
RGB	D	120°	7	0/1-10V	3
RGBW	H			PWM	6

GL180

Recessed In-ground Light



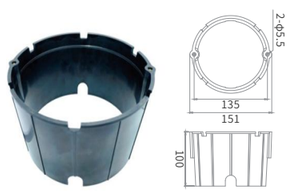




Frame+body Material: SS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 10mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 1.91Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

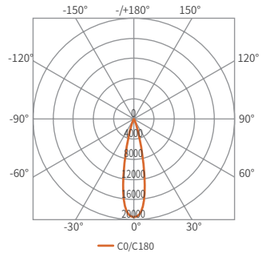
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory



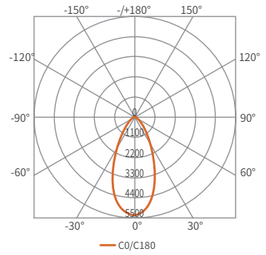
IP67 rated Waterproof performance	SUS316 Stainless Steel Frame	50000h Long lifetime	1000Kg Static Pressure Loading

GL180 20W 4000K 20°



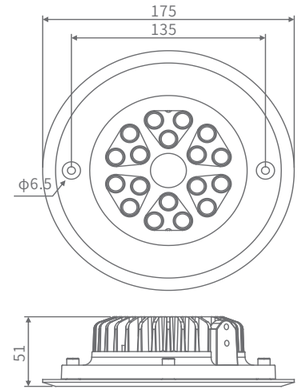
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	11801	163.02	23.11
2	2950	4076	46.22
3	1311	1811	69.32
4	737.6	1019	92.43
5	472.1	652.1	115.54

GL180 20W 4000K 40°

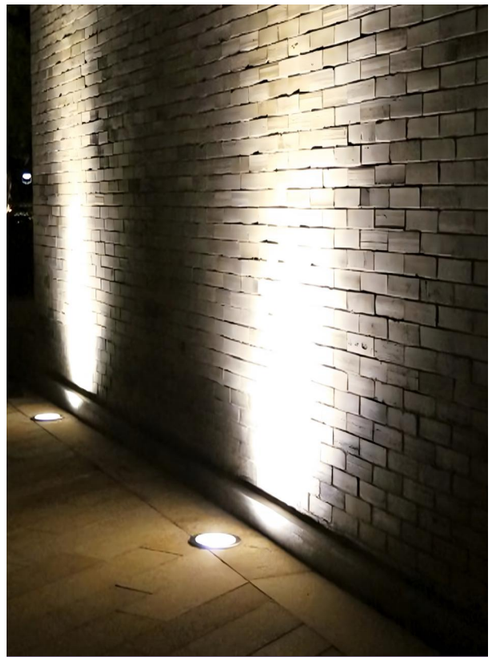


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	3532	5243	51.96
2	883	1311	103.91
3	392.5	582.5	155.87
4	202.8	327.7	207.82
5	141.3	209.7	259.78

Unit: mm



Drill size: D155mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
20	2500	2150	IN-GROUND	G5.0180 20

Filter Structure		Power		Input	
Regular	01	20W	20	Constant current	0
Frosted glass	02			DC12V	1
Opla plate	06			DC24V	2

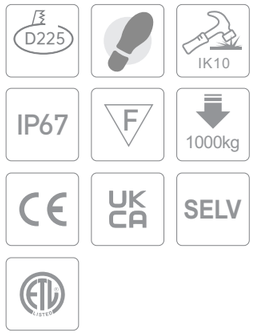
CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	45°	5	ON/OFF	1
6000K	8	60°	6	DMX512	2
RGB	D	120°	7	0/1-10V	3
RGBW	H			PWM	6

GL240

Recessed In-ground Light





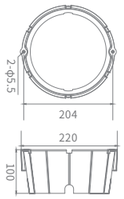


Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 12mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 3.47Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

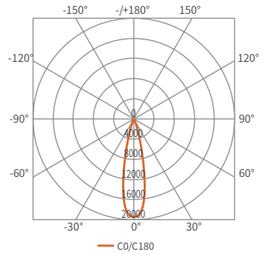
Optional Accessory





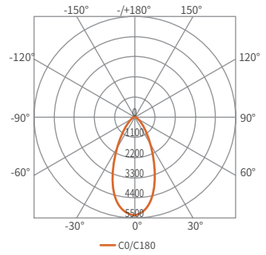
IP67 rated Waterproof performance	SUS316 Stainless Steel Frame	50000h Long lifetime	1000Kg Static Pressure Loading

GL240 24W 4000K 20°



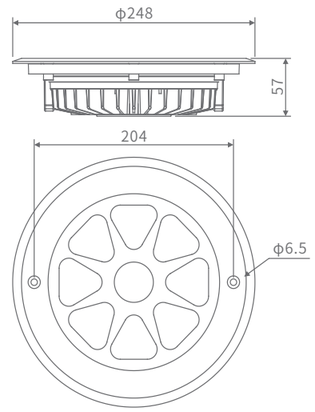
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1660	2488	25.69
2	414.9	622	51.39
3	184.4	276.4	77.08
4	103.7	155.5	102.78
5	66.39	99.52	128.47

GL240 24W 4000K 60°

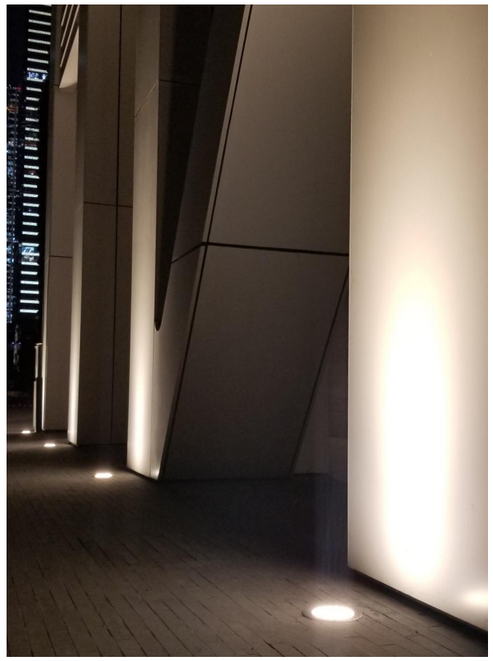


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	185.4	281	84.83
2	46.35	70.25	169.66
3	20.6	31.22	254.49
4	11.59	17.56	339.32
5	7.415	11.24	424.15

Unit: mm



Drill size: D225mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
24	3100	2600	IN-GROUND	G5.0240 24
36	4000	3400	IN-GROUND	G5.0240 36

Filter Structure		Power		Input	
Regular	01	24W	24	Constant current	0
Frosted glass	02	36W	36	DC12V	1
Opla plate	06			DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H	120°	7	PWM	6

GL310

Recessed In-ground Light





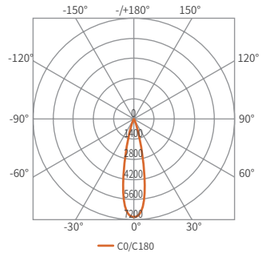


Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 0.5M length
Unit Weight: 3.47Kg
Load Pressure: 500KG (Static)
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

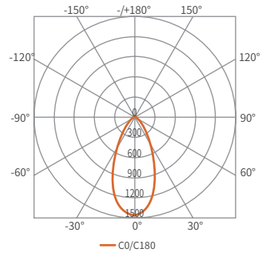
IP67 rated Waterproof performance	SUS316 Stainless Steel Frame	50000h Long lifetime	500Kg Static Pressure Loading

GL310 12W 4000K 20°



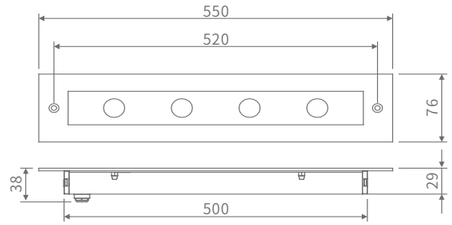
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1150	1673	27.63
2	287.4	418.3	55.26
3	127.7	188.9	82.89
4	71.84	104.6	110.52
5	45.98	66.93	138.15

GL310 12W 4000K 60°

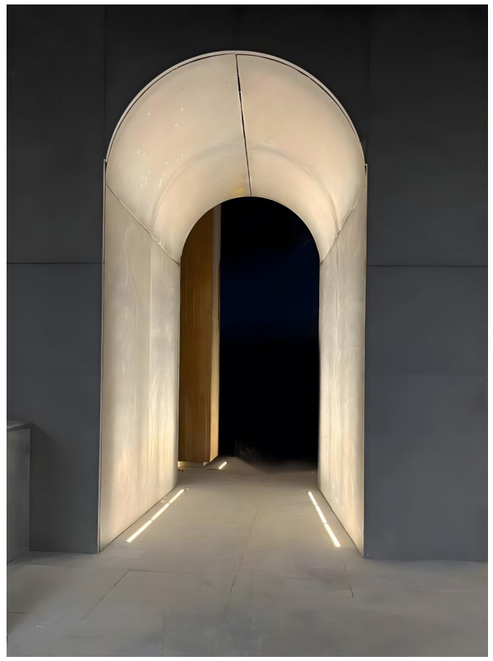


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	140.2	210.2	87.73
2	52.09	78.13	143.92
3	23.15	34.72	215.88
4	13.02	19.53	287.84
5	8.334	12.5	359.79

Unit: mm



Drill size: 505x60mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
12	1500	1200	IN-GROUND	L5.0310 12
24	3100	2500	IN-GROUND	L5.0310 24
36	4100	3300	IN-GROUND	L5.0310 36
48	5900	4700	IN-GROUND	L5.0310 48

Filter Structure		Power		Input	
Regular	01	12W	12	Constant current	0
Frosted glass	02	24W	24	DC12V	1
Opla plate	06	36W	36	DC24V	2
		48W	48		

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H	120°	7	PWM	6

EU1953

Recessed In-ground Light





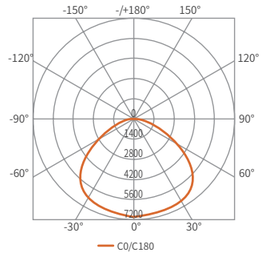


Body Material: SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 15mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 0.5M length
Unit Weight: 3.0Kg
Load Pressure: 1000KG (Static)
Controls: ON/OFF, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

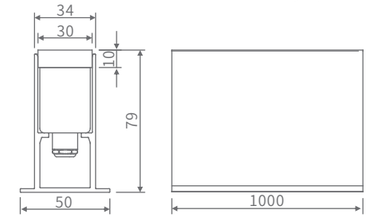
IP67 rated Waterproof performance	SUS316 Stainless Steel Body	50000h Long lifetime	1000Kg Static Pressure Loading

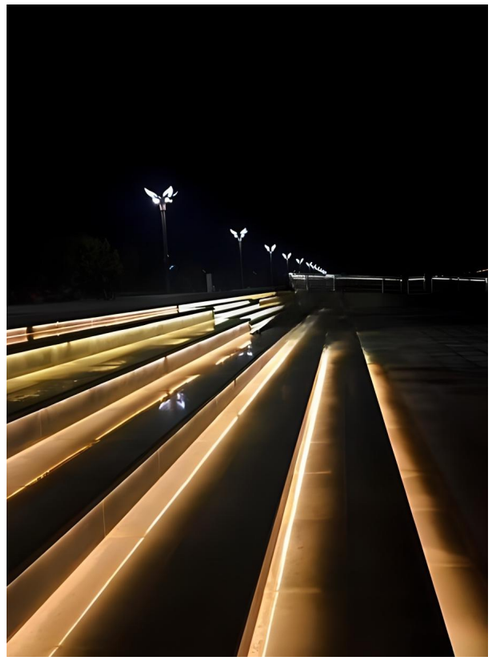
RU1953 12W 4000K 120°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	20.6	63.47	285.79
2	5.151	15.87	571.58
3	2.289	7.052	857.36
4	1.288	3.967	1143.15
5	0.8242	2.539	1428.94

Unit: mm





Parameters

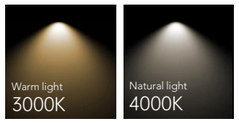
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
08	1000	150	IN-GROUND	L2.1953 08
12	1450	220	IN-GROUND	L2.1953 12
16	2000	290	IN-GROUND	L2.1953 16
24	2800	450	IN-GROUND	L2.1953 24

Filter Structure		Power		Input	
Regular	01	08W	08	Constant current	0
Glass Silked white+Frosted	02	12W	12	DC12V	1
		16W	16	DC24V	2
		24W	24		

CCT Range		Optics		Controls	
3000K	3	120°	7	Constant current	0
4000K	5			ON/OFF	1
6000K	8			PWM	6
RGB	D				
RGBW	H				

EU1947

Recessed In-ground Light



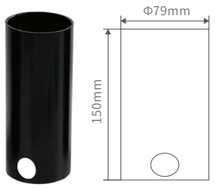




D70 No sleeve · IK07 · IP67 · F · 1000kg · CE · UKCA · SELV · ETL

Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.73Kg
Load Pressure: 1000KG (Static)
Controls: Constant Current, ON/OFF(Non dim)
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

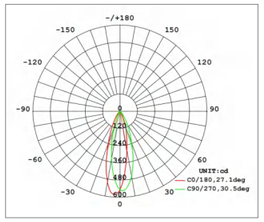
Optional Accessory



Please refer to pages 289-291 to choose a remote power supply.

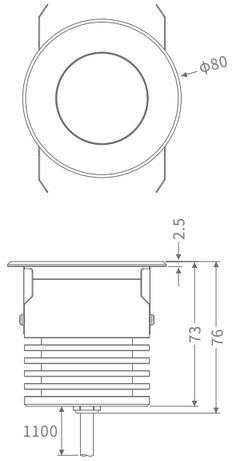
IP67 rated	SUS316	50000h	1000Kg
Waterproof performance	Stainless Steel Frame	Long lifetime	Static Pressure Loading

EU1947 7W 3000K 45° Half-shaded glass

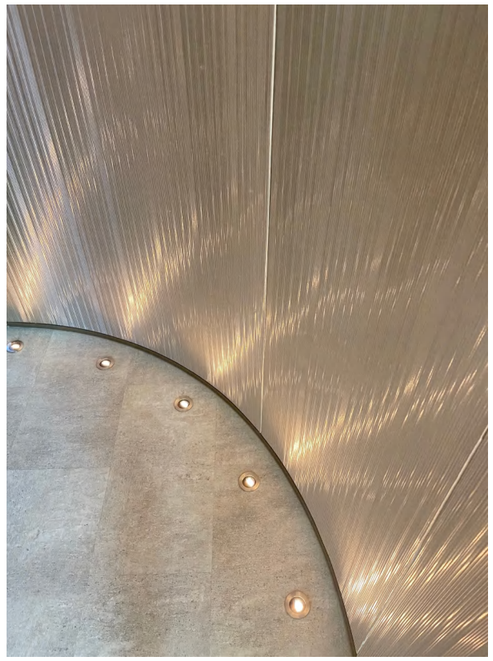


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	386.5	577.4	42.28
2	96.63	144.3	95.56
3	42.95	64.15	144.85
4	24.16	36.09	193.13
5	15.16	23.10	241.41

Unit: mm



Drill size:D70mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
5	550	420	IN-GROUND	G5.1947 05
7	700	530	IN-GROUND	G5.1947 07

Filter Structure		Power		Input	
Regular	01	5W	05	Constant current	0
Frosted glass	02	7W	07	DC24V	2
Half shaded galss	03				
Honeycomb Louvre	08				

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	45°	5	ON/OFF	1
6000K	8				

EU1948

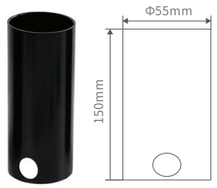
Recessed In-ground Light





D46 No sleeve · IK07 · IP67 · F · 1000kg · CE · UK CA · SELV · ETL

Optional Accessory

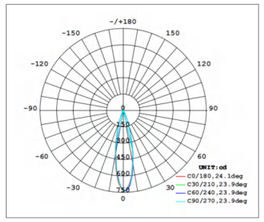


Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.35Kg
Load Pressure: 1000KG (Static)
Controls: Constant Current, ON/OFF(Non dim)
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

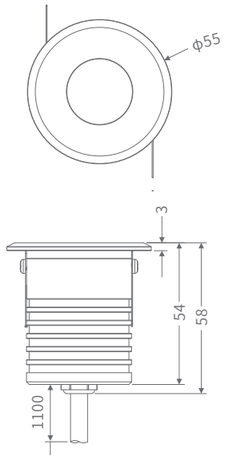
IP67 rated	SUS316	50000h	1000Kg
Waterproof performance	Stainless Steel Frame	Long lifetime	Static Pressure Loading

EU1948 3W 3000K 25°

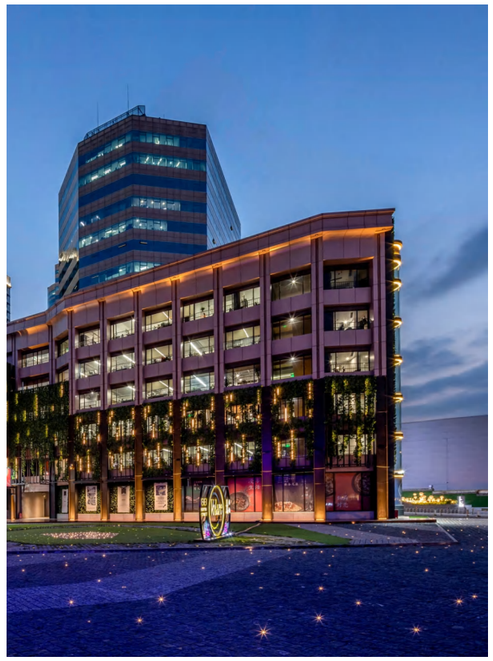


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	505.4	734.8	42.39
2	126.3	183.7	84.78
3	56.15	81.65	127.17
4	31.59	45.93	169.56
5	20.22	29.39	211.95

Unit: mm



Drill size: D46mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
2	180	130	IN-GROUND	G5.1948 02
3	300	220	IN-GROUND	G5.1948 03

Filter Structure		Power		Input	
Regular	01	2W	02	Constant current	0
Frosted glass	02	3W	03	DC12V	1
Half shaded galss	03			DC24V	2
Honeycomb Louvre	08				

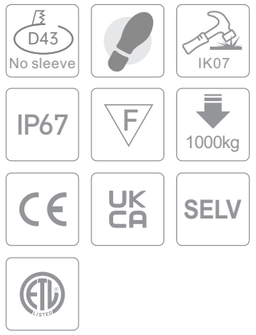
CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5		
		60°	6		

EU1967

Recessed In-ground Light







Body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.2Kg
Load Pressure: 1000KG (Static)
Controls: Constant Current, ON/OFF(Non dim), PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

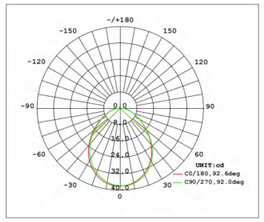
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory



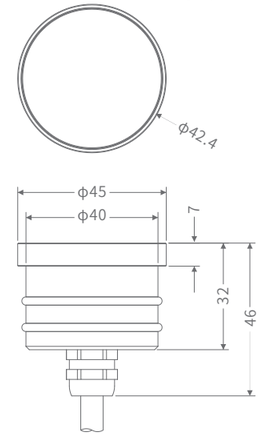
IP67 rated	50000h	1000Kg
Waterproof performance	Long lifetime	Static Pressure Loading

EU1967 2W 3000K 120°

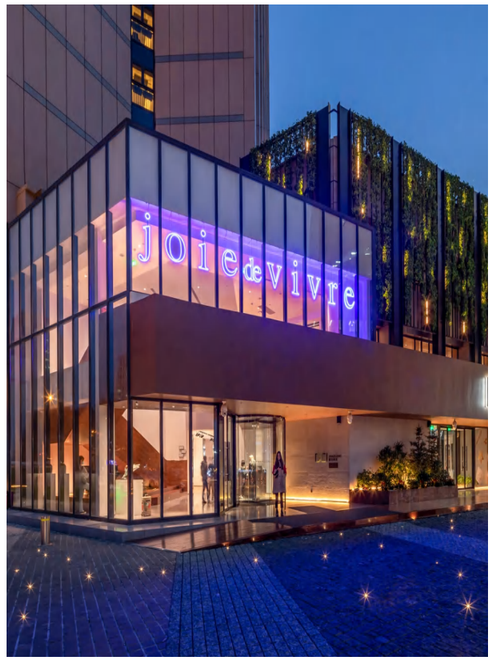


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	16.11	37.95	207.01
2	4.026	9.488	414.02
3	1.790	4.217	621.02
4	1.007	2.372	828.03
5	0.6442	1.515	1035.04

Unit: mm



Drill size: D42



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
2	180	110	IN-GROUND	G5.1967 02
3	300	160	IN-GROUND	G5.1967 03

Filter Structure		Power		Input	
Regular	01	2W	02	Constant current	0
Glass Silked white+Frosted	27	3W	03	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	120°	7	Constant current	0
4000K	5			ON/OFF	1
6000K	8			PWM	6

EU1958

Recessed In-ground Light

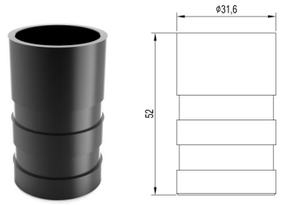




D27 No sleeve | IK07 | IP67 | 1000kg | CE | UK CA | SELV | ETL

Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.2Kg
Load Pressure: 1000KG (Static)
Controls: Constant Current, ON/OFF(Non dim), DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

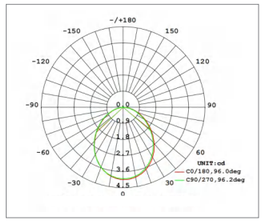
Optional Accessory



Please refer to pages 289-291 to choose a remote power supply.

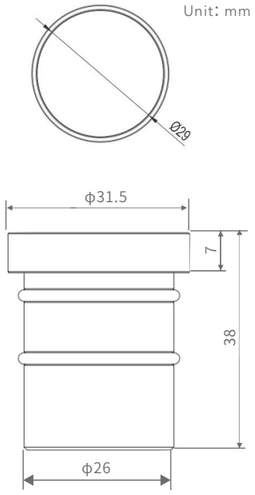
IP67 rated Waterproof performance	50000h Long lifetime	1000Kg Static Pressure Loading

EU1958 1W RGBW 120°

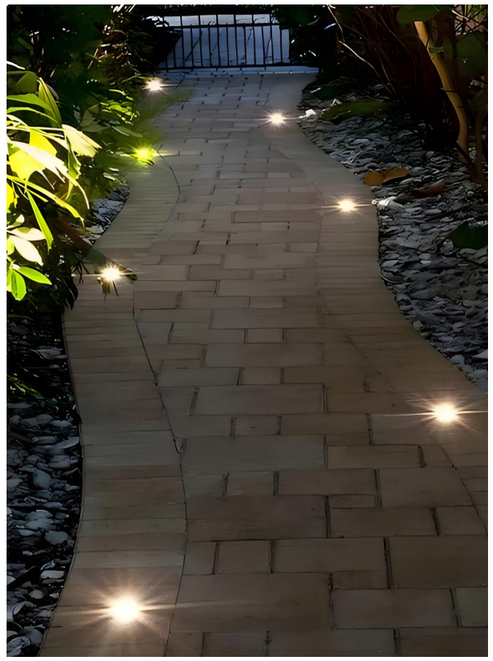


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1.590	4.050	219.86
2	0.3975	1.013	439.72
3	0.1766	0.4500	621.02
4	0.0994	0.2531	879.45
5	0.0636	0.1620	1099.31

Unit: mm



Drill size: D27mm



Parameters

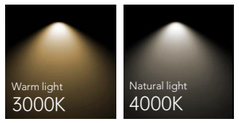
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	130	60	IN-GROUND	G5.1958 01
2	180	110	IN-GROUND	G5.1958 02

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
Glass Silked white+Frosted	27	2W	02	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	120°	7	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX	2
RGB	D			PWM	6
RGBW	H				

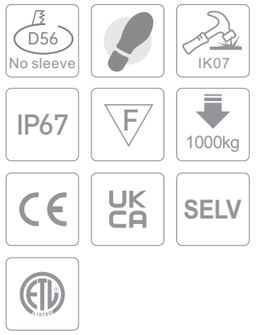
EU1959

Recessed In-ground Light



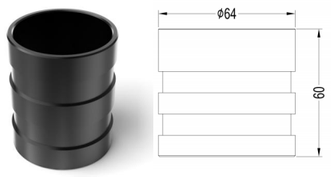






Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.2Kg
Load Pressure: 1000KG (Static)
Controls: Constant Current, ON/OFF(Non dim), PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

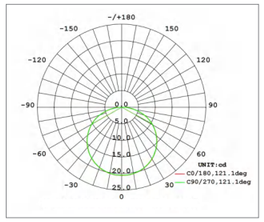
Optional Accessory



Please refer to pages 289-291 to choose a remote power supply.

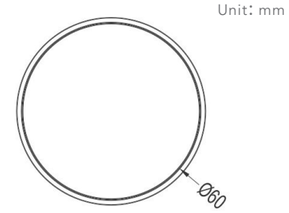
IP67 rated	50000h	1000Kg
Waterproof performance	Long lifetime	Static Pressure Loading

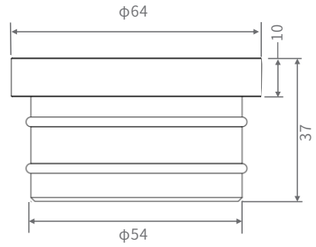
EU1959 5W 3000K 120°



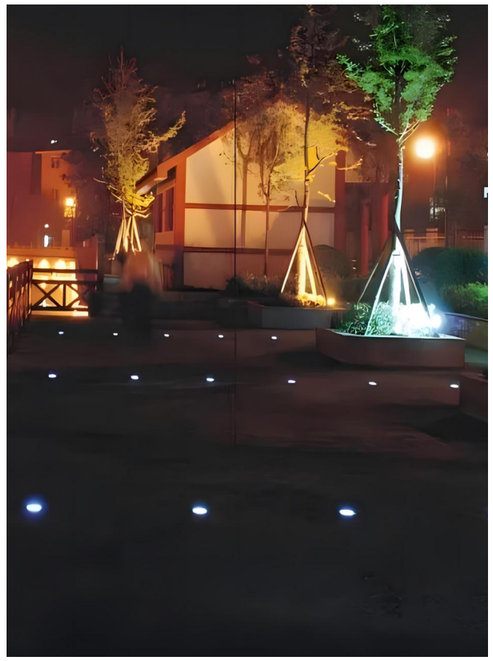
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	4.865	20.55	352.99
2	1.216	5.138	705.97
3	0.5405	2.284	621.02
4	0.3041	1.284	1411.95
5	0.1946	0.8221	1764.94

Unit: mm





Drill size: D56mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	300	160	IN-GROUND	G5.1959 03
5	520	280	IN-GROUND	G5.1959 05

Filter Structure		Power		Input	
Regular	01	3W	03	Constant current	0
Glass Silked white+Frosted	27	5W	05	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	120°	7	Constant current	0
4000K	5			ON/OFF	1
6000K	8			PWM	6

EU1915

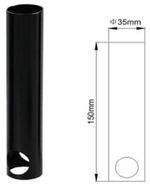
Recessed In-ground &
Underwater Light







Optional Accessory



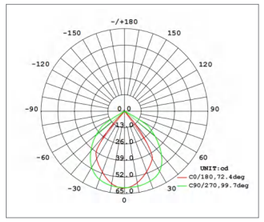
Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.16Kg
Load Pressure: 1500KG (Static)
Controls: Constant Current, ON/OFF, DMX, 0/1-10V
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

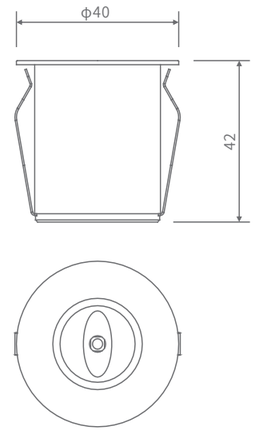
IP68 rated	SUS316	50000h	1500Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

EU1915 2W 3000K 40*120°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	35.73	60.60	146.45
2	8.933	15.15	292.90
3	3.970	6.733	439.34
4	2.233	3.787	585.79
5	1.429	2.424	732.24

Unit: mm



Drill size：D33mm



Parameters

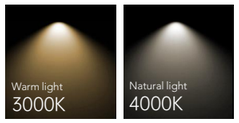
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	65	Unlimited	G2.1915 01
2	180	110	Unlimited	G2.1915 02
3	300	180	Unlimited	G2.1915 03
4	430	250	Underwater only	G2.1915 04

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
		2W	02	DC12V	1
		3W	03	DC24V	2
		4W	04		

CCT Range		Optics		Controls	
3000K	3	40*120°	V	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
				0/1-10V	3

EU1934

Recessed In-ground &
Underwater Light







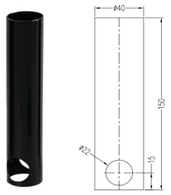
D36 No sleeve · IK10 · IP68 · F · 2000kg · CE · UK CA · SELV · ETL

Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Transmitting material: PC
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.2Kg
Load Pressure: 2000KG (Static)
Controls: Constant Current, ON/OFF, DMX, 0/1-10V
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

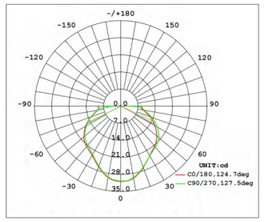
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory



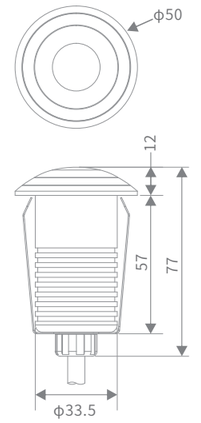
IP68 rated Waterproof performance	SUS316 Entirely Stainless steel	50000h Long lifetime	2000Kg Static Pressure Loading

EU1934 2W 3000K



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	6.017	30.81	381.74
2	1.504	7.703	763.49
3	0.6686	3.424	1145.23
4	0.3761	1.926	1526.98
5	0.2407	1.233	1908.72

Unit: mm



Drill size: D36mm



Parameters

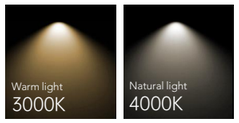
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	75	Unlimited	G2.1934 01
2	180	120	Unlimited	G2.1934 02

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
		2W	02	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	Special angle	Z	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
				0/1-10V	3

EU1935

Recessed In-ground &
Underwater Light







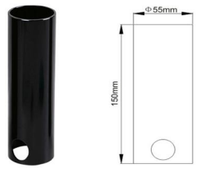
D55 No sleeve · IK10 · IP68 · F · 2000kg · CE · UK CA · SELV · ETL

Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Transmitting material: PC
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.4Kg
Load Pressure: 2000KG (Static)
Controls: Constant Current, ON/OFF, DMX, 0/1-10V
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

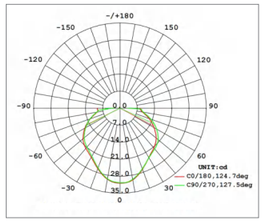
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory



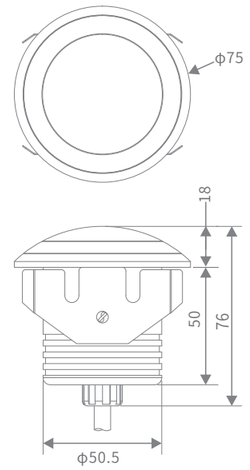
IP68 rated	SUS316	50000h	2000Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

EU1935 6W 3000K

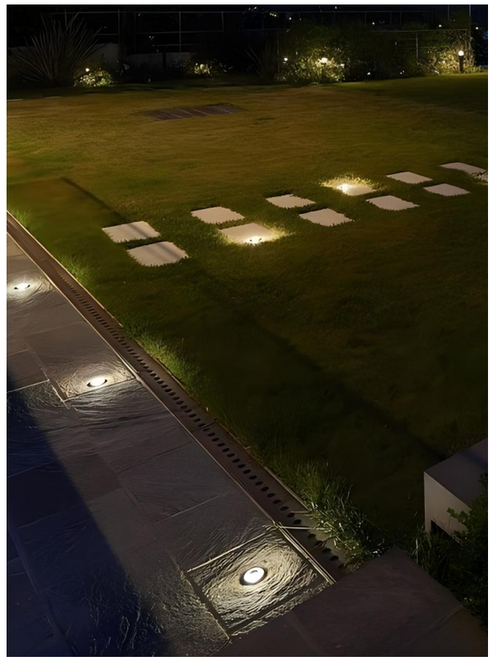


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	18.017	90.81	391.74
2	4.504	21.703	773.49
3	1.8686	9.424	1155.23
4	0.9761	3.926	1536.98
5	0.6407	3.233	1918.72

Unit: mm



Drill size: D55mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
4	500	240	Unlimited	G2.1935 04
6	700	350	Unlimited	G2.1935 06

Filter Structure		Power		Input	
Regular	01	4W	04	Constant current	0
		6W	06	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	Special angle	Z	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
				0/1-10V	3

EU1936

Recessed In-ground &
Underwater Light







Frame+body Material: SUS316+SUS316
Available finishes: Brushed, Polished, Passivated
Transmitting material: PC
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20℃~+45℃
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.6Kg
Load Pressure: 2000KG (Static)
Controls: Constant Current, ON/OFF, DMX, 0/1-10V
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Optional Accessory

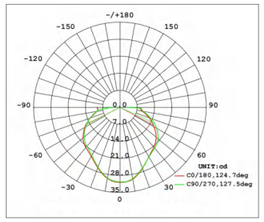


Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply

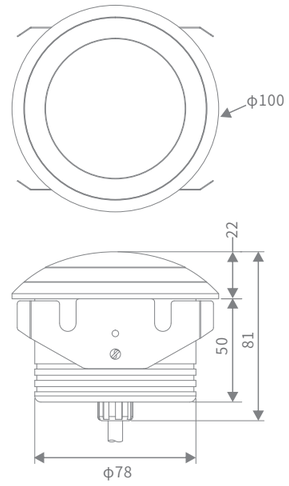
IP68 rated	SUS316	50000h	2000Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading

EU1936 9W 3000K

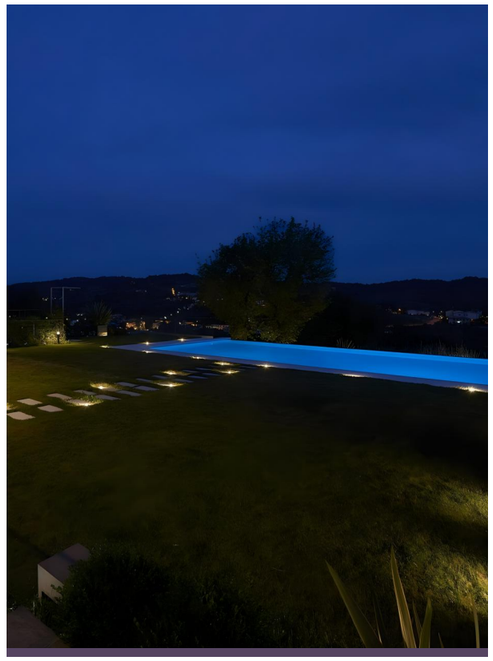


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	30.017	150.81	4101.74
2	7.504	35.703	793.49
3	3.6686	15.424	1175.23
4	1.5761	5.926	1556.98
5	1.0407	5.233	1938.72

Unit: mm



Drill size: D85mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
6	700	350	Unlimited	G2.1936 06
9	1200	540	Unlimited	G2.1936 09

Filter Structure		Power		Input	
Regular	01	6W	06	Constant current	0
		9W	09	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	Special angle	Z	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
				0/1-10V	3

EU1966

Recessed In-ground Light



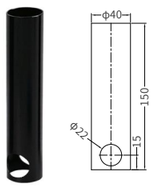


D36 No sleeve · IK07 · IP67 · F · 1000kg · CE · UKCA · SELV · ETL

Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Recessed, Ambient temperature -20℃~+45℃
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.2Kg
Load Pressure: 1000KG (Static)
Controls: Constant Current, ON/OFF, DMX, 0/1-10V
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

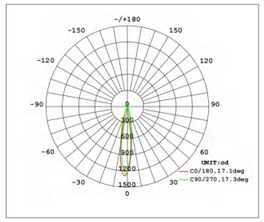
Please refer to pages 289-291 to choose a remote power supply.

Optional Accessory



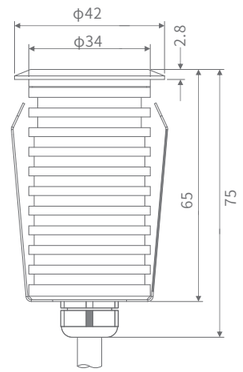
IP67 rated Waterproof performance	SUS316 Stainless Steel Frame	50000h Long lifetime	1000Kg Static Pressure Loading

EU1966 5W 3000K 15°

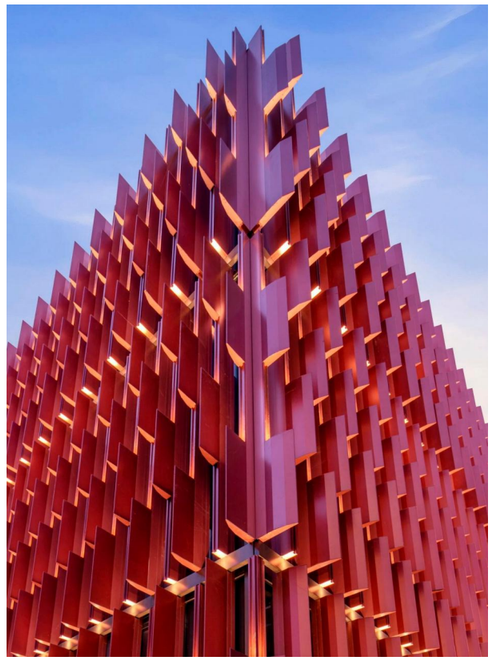


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	856.3	1287	30.13
2	214.1	321.7	60.25
3	95.14	143.0	90.38
4	53.52	80.43	120.50
5	34.25	51.48	150.63

Unit: mm



Drill size：D36mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
4	450	330	In-ground	G5.1966 04
5	500	370	In-ground	G5.1966 05

Filter Structure		Power		Input	
Regular	01	4W	04	Constant current	0
Frosted glass	02	5W	05	DC12V	1
Half shaded galss	03			DC24V	2
Honeycomb Louvre	08				

CCT Range		Optics		Controls	
3000K	3	15°	2	Constant current	0
4000K	5	20°	3	ON/OFF	1
6000K	8	30°	4	DMX512	2
		45°	5	0/1-10V	3
		60°	6		

04

Spot Light

Product Guidance

IMAGE	PRODUCT CODE	POWER	OPTICS (°)	CCT (K)	IP	PAGE
	EU3045	6	10/15	Single	65	153/154 ▶
	EU3046	8	10/15	Single	65	155/156 ▶
	EU3047	24	10/15	Single	65	157/158 ▶
	EU3048	24	10/15	Single	65	159/160 ▶
	EU3036	3	20/60	Single	65	161/162 ▶
	EU3039	24	10/15/24/36/50	Single	67	163/164 ▶
	EU3040	7	3	Single	67	165/166 ▶
	EU3040B	7	15/24/36/50	Single	67	167/168 ▶
	EU3060	3	20/60/120	Single	65	169/170 ▶
	PL608	6	10/40	Single/ full colour	67	171/172 ▶
	PL612	20	10/20/40/60	Single/ full colour	67	173/174 ▶
	PL618	20	10/S20/40/F60	Single/ full colour	67	175/176 ▶
	PL624	36	10/S20/40/F60	Single/ full colour	67	177/178 ▶
	PL824	36	10/20/40/60	Single/ full colour	67	179/180 ▶
	EU2001	3	20/60	Single/ full colour	66	181/182 ▶
	EU2006	7	3	Single	67	183/184 ▶
	EU3085	3	10	Single	67	185/186 ▶

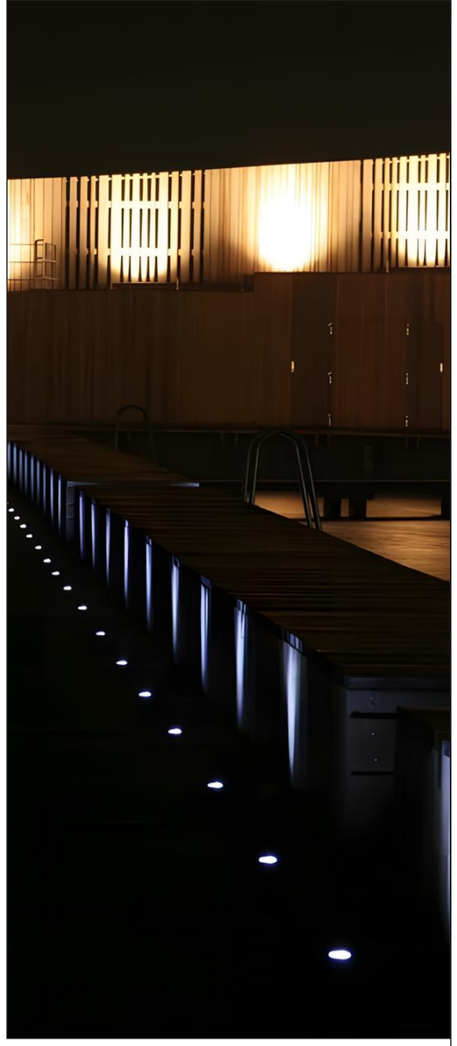
04

EURBORN

Spot Light

Eurborn Spot Light series, with high brightness, high light efficiency, low energy consumption of the significant characteristics, its strict structure process and waterproof and dustproof design, can be well adapted to the changeable outdoor environment, stable operation, the overall quality of the lamps has always remained in the forefront of the industry.

Eurborn Spot Light series have a variety of installation methods and diversified application scenarios, lamps are widely used in landscape, architecture, garden and bridge fields. With outstanding performance advantages and fashionable designs, there have more than 20 models have been developed and those are exported to 135 countries and regions, and have been well received by users



50000hrs
lifetime

Energy saving and
high light efficiency

Exported to 135
Countries and regisions





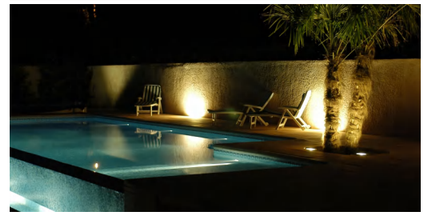


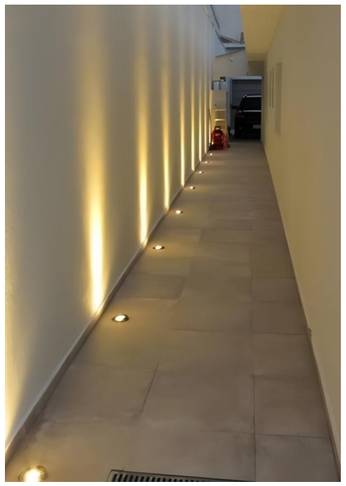
Color temperature range
1800K--6500K

- Adjustable angle
- Multiple layers sealing
- Aluminium (Body)
- Monochrome/colorful option
- >50000hrs lifetime
- ⩾3M cable
- 10mm colourless tempered glass
- High quality LED
- RGBW









EU3045

Surface Mounted
Spot Light







IK07 IP66 IP67 CE UKCA SELV ETL

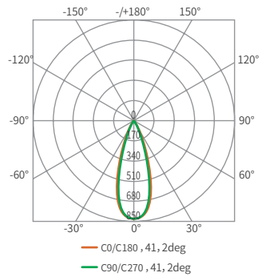
Frame+body Material: Aluminium
Available finishes: Inject oil
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.9KG
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP66
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP66 rated
Waterproof performance

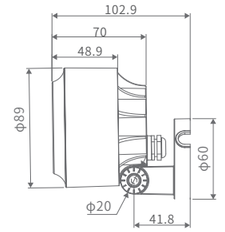
50000h
Long lifetime

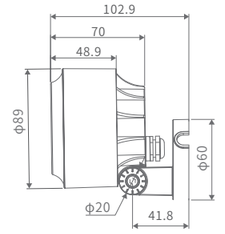
EU3045 6W 3000K 45°

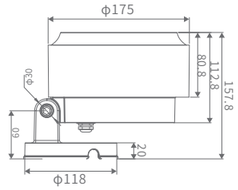


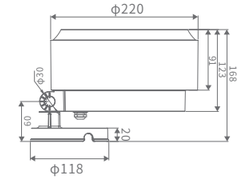
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	528.3	811.81	75.13
2	132.1	203.0	150.26
3	58.70	90.20	225.39
4	33.02	50.74	300.52
5	21.13	32.47	375.65

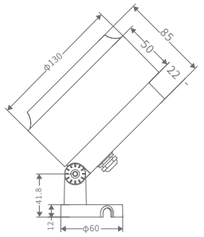
Unit: mm

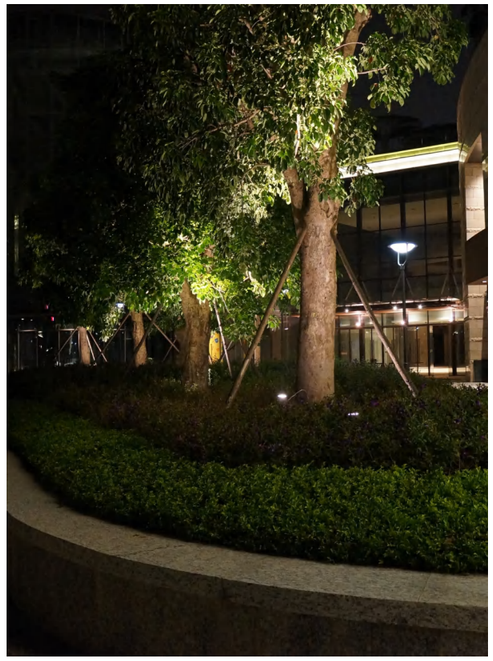












Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
6	637	500	Surface mounted	P1.3045 06
12	1250	1020	Surface mounted	P1.3045 12
18	1900	1500	Surface mounted	P1.3045 18
36	3800	3000	Surface mounted	P1.3045 36
72	7600	6100	Surface mounted	P1.3045 72

Filter Structure		Power		Input	
Regular	01	6W	06	Constant current	0
Hoods	16	12W	12	DC24V	2
Ground pin	15	18W	18	AC230V	5
		36W	36		
		72W	72		

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	15°	2	ON/OFF	1
6000K	8	30°	4	DMX512	2
		45°	5	0/1-10V	3
		60°	6	PWM	6

EU3046

Surface Mounted
Spot Light







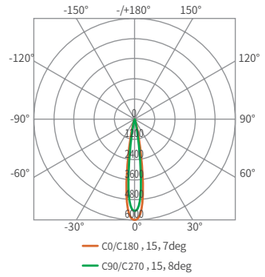
IK07 IP66 F CE UKCA SELV ETL

Frame+body Material: Aluminium
Available finishes: Inject oil
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 1.2KG
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP66
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

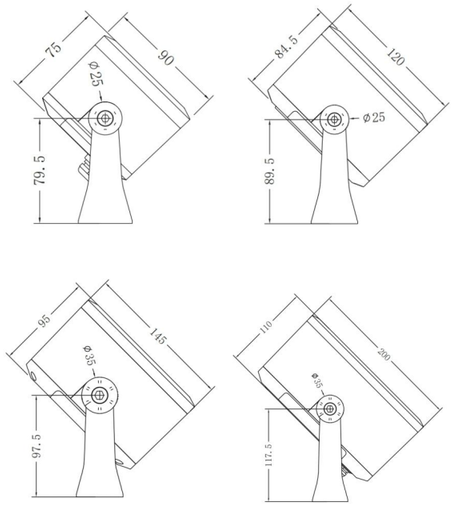
IP66 rated	50000h
Waterproof performance	Long lifetime

EU3046 8W 3000K 15°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	3963	5827	27.61
2	990.7	1457	55.23
3	440.3	647.4	82.84
4	247.7	364.2	110.45
5	158.5	233.1	138.07

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
8	850	650	Surface mounted	P1.3046 08
18	1900	1500	Surface mounted	P1.3046 18
32	3400	2700	Surface mounted	P1.3046 32
72	7600	6100	Surface mounted	P1.3046 72

Filter Structure		Power		Input	
Regular	01	08W	08	Constant current	0
Hoods	16	18W	18	DC24V	2
		32W	32	AC230V	5
		72W	72		

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	15°	2	ON/OFF	1
6000K	8	30°	4	DMX512	2
		45°	5	0/1-10V	3
		60°	6	PWM	6

EU3047

Surface Mounted
Spot Light







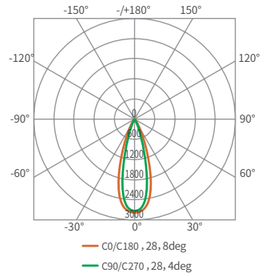
IK07 IP66 IP67 CE UKCA SELV ETL

Frame+body Material: Aluminium
Available finishes: Inject oil
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 2.5KG
Controls: Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP66
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

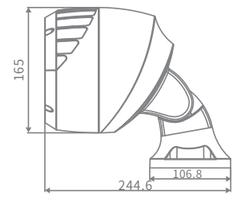
IP66 rated	50000h
Waterproof performance	Long lifetime

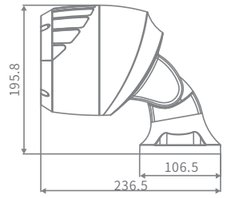
EU3047 24W 3000K 30°

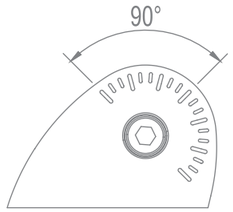


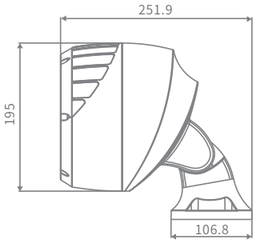
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	3522	5360	50.63
2	880.6	1340.0	101.27
3	440.3	647.4	151.90
4	391.4	595.6	202.54
5	140.88	214.4	253.17

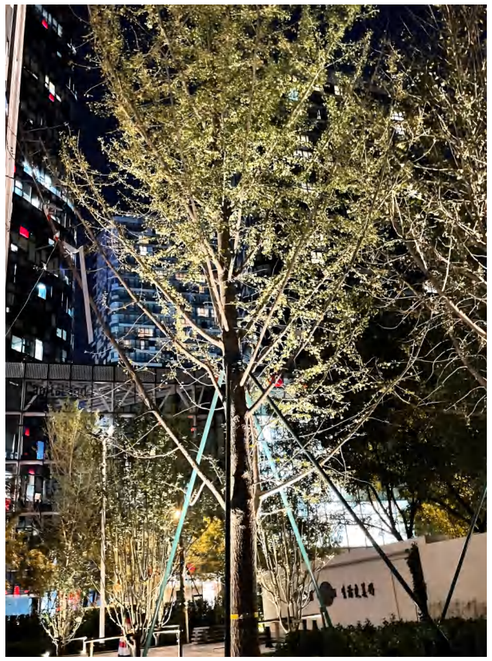
Unit: mm











Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
24	2500	2000	Surface mounted	P1.3047 24
36	3800	3000	Surface mounted	P1.3047 36
60	6300	5100	Surface mounted	P1.3047 60

Filter Structure		Power		Input	
Regular	01	24W	24	Constant current	0
Hoods	16	36W	36	DC24V	2
Brackets	52	60W	60	AC230V	5

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	15°	2	ON/OFF	1
6000K	8	30°	4	DMX512	2
		45°	5	0/1-10V	3
		60°	6	PWM	6

EU3048

In-ground Mounted









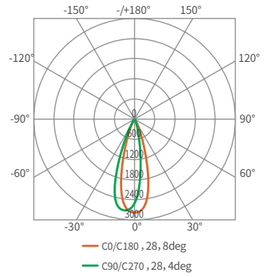
IK07 IP66 F CE UK CA SELV ETL

Frame+body Material: Aluminium
Available finishes: Inject oil
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 2.5KG
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP66
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

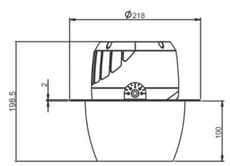
IP66 rated	50000h
Waterproof performance	Long lifetime

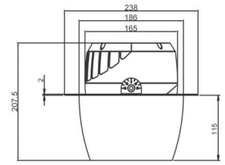
EU3048 24W 3000K 30°

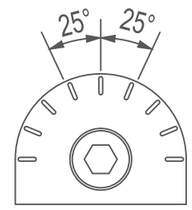


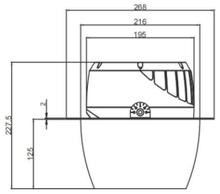
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	3522	5360	50.63
2	880.6	1340.0	101.27
3	440.3	647.4	151.90
4	391.4	595.6	202.54
5	140.88	214.4	253.17

Unit: mm











Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
24	2500	2000	Surface mounted	G1.3048 24
36	3800	3000	Surface mounted	G1.3048 36
60	6300	5100	Surface mounted	G1.3048 60

Filter Structure		Power		Input	
Regular	01	24W	24	Constant current	0
Hoods	16	36W	36	DC24V	2
		60W	60	AC230V	5

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	15°	2	ON/OFF	1
6000K	8	30°	4	DMX512	2
		45°	5	0/1-10V	3
		60°	6	PWM	6

EU3036

Surface Mounted
Spot Light





IK07 IP65 F CE UKCA SELV ETL

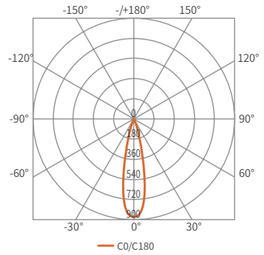
Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.2Kg
Controls: Constant Current, ON/OFF(Non dim)
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP65 rated
Waterproof performance

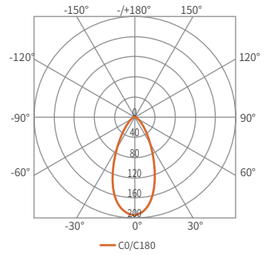
50000h
Long lifetime

EU3036 1W 4000K 20°



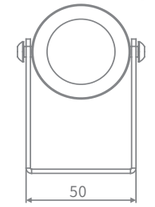
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	378.8	577.71	30.44
2	140.8	214.7	49.963
3	62.57	95.42	74.9
4	35.19	53.67	99.87
5	22.52	34.35	124.83

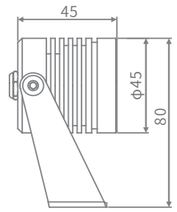
EU3036 1W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	124.8	186.7	63.4
2	31.19	46.68	126.79
3	13.86	20.75	190.19
4	7.798	11.67	253.59
5	4.991	7.469	316.99

Unit: mm







Parameters

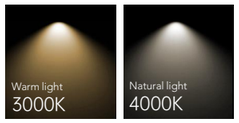
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	90	Surface mounted	P1.3036 ☼01ϟ♣◣☺
3	300	210	Surface mounted	P1.3036 ☼03ϟ♣◣☺

Filter Structure ☼		Power ⓘ		Input ϟ	
Regular	01	1W	01	Constant current	0
Frosted glass	02	3W	03	DC12V	1
Half shaded galss	03			DC24V	2
Honeycomb Louvre	08				

CCT Range ♣		Optics ◣		Controls ☺	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5		
RGB	D	60°	6		

EU3039

Surface Mounted
Spot Light







IK07 IP67 F

CE UKCA SELV

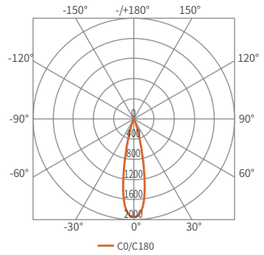
ETL

Frame+body Material: Aluminium
Available finishes: Powder Spraying
Tempered Glass: 10mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External(CC)/Built-in 220VAC
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 1.6Kg
Controls: Constant Current, ON/OFF(Non dim)
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

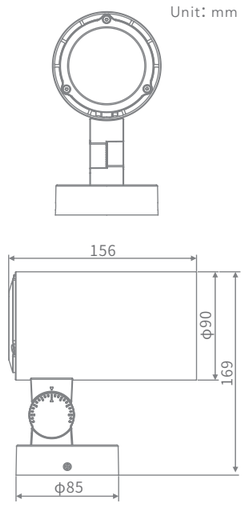
IP67 rated	50000h
Waterproof performance	Long lifetime

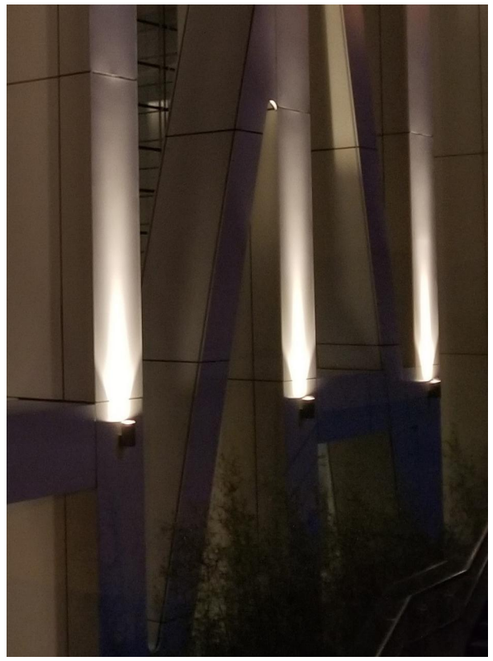
EU3039 18W 4000K 24°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1291	1729	76.29
2	322.7	432.2	152.57
3	143.4	192.1	228.83
4	80.67	108.1	305.15
5	51.63	69.15	381.44

Unit: mm





Parameters

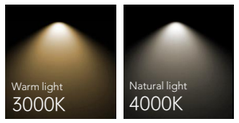
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
12	1800	1400	Surface mounted	P1.3039 12
18	2700	2000	Surface mounted	P1.3039 18
24	3700	2700	Surface mounted	P1.3039 24
27	4150	3000	Surface mounted	P1.3039 27

Filter Structure		Power		Input	
Regular	01	12W	12	Constant current	0
Frosted glass	02	18W	18	220VAC	5
Half shaded galss	03	24W	24		
Honeycomb Louvre	08	27W	27		

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	15°	2	ON/OFF	1
6000K	8	24°	Q		
		36°	E		
		50°	F		

EU3040

Surface Mounted
Spot Light







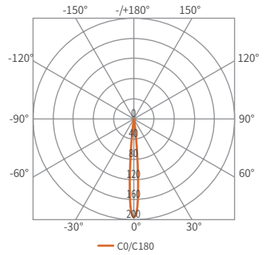
IK07 IP67 IP67 CE UKCA SELV ETL

Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.7Kg
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

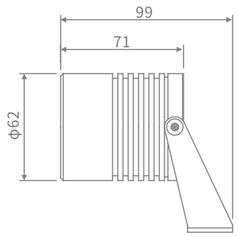
IP67 rated	50000h
Waterproof performance	Long lifetime

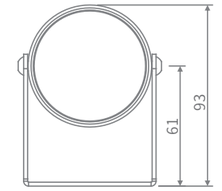
EU3040 7W 4000K 3°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	27748	42407	8.82
2	6937	10602	17.64
3	3083	4712	26.46
4	1734	2650	35.27
5	1110	1696	44.09

Unit: mm







Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
7	760	550	Surface mounted	P1.3040 07
9	930	670	Surface mounted	P1.3040 09

Filter Structure		Power		Input	
Frosted glass	02	7W	07	Constant current	0
Half shaded glass	03	9W	09	DC24V	2
Honeycomb Louvre	08				
Anti-glare baffle	09				

CCT Range		Optics		Controls	
3000K	3	3°	A	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
				0/1-10V	3
				PWM	6

EU3040B

Surface Mounted
Spot Light





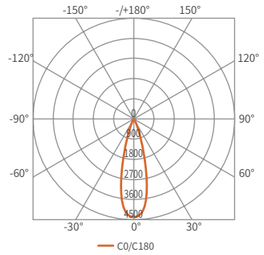
IK07 IP67 F CE UKCA SELV ETL

Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.7Kg
Controls: ON/OFF, 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

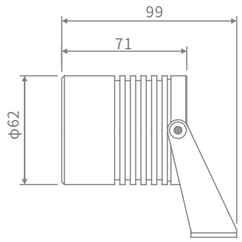
IP67 rated	50000h
Waterproof performance	Long lifetime

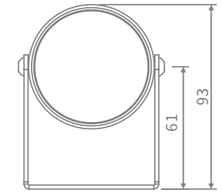
EU3040B 7W 4000K 24°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	2898	4344	42.57
2	724.6	1086	85.114
3	322	482.61	127.72
4	181.1	271.51	170.29
5	115.9	173.7	212.86

Unit: mm







Parameters

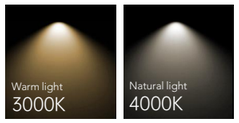
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
7	760	550	Surface mounted	P1.3040 07
9	930	670	Surface mounted	P1.3040 09

Filter Structure		Power		Input	
Frosted glass	02	7W	07	Constant current	0
Half shaded glass	03	9W	09	DC24V	2
Honeycomb Louvre	08				
Anti-glare baffle	09				

CCT Range		Optics		Controls	
3000K	3	15°	2	Constant current	0
4000K	5	24°	Q	ON/OFF	1
6000K	8	36°	E	DMX512	2
		50°	F	0/1-10V	3
				PWM	6

EU3060

Surface Mounted
Spot Light







IK05 IP65 F

CE UKCA SELV

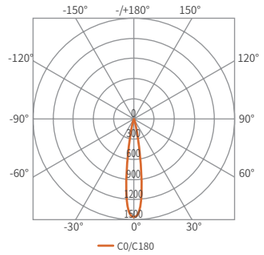
ETL

Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20℃~+45℃
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.2Kg
Controls: Constant Current, ON/OFF(Non dim)
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

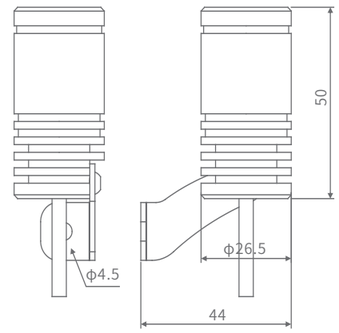
IP65 rated	50000h
Waterproof performance	Long lifetime

EU3060 3W 4000K 20°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	825.4	1230	33.47
2	206.4	307.5	69.95
3	91.72	136.7	100.42
4	51.59	76.87	133.89
5	33.02	49.2	167.36

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	130	95	Surface mounted	P1.3060 01
3	300	210	Surface mounted	P1.3060 03

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
Frosted glass	02	3W	03	DC12V	1
Half shaded galss	03			DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5		
		60°	6		

PL608

Surface Mounted
Spot Light





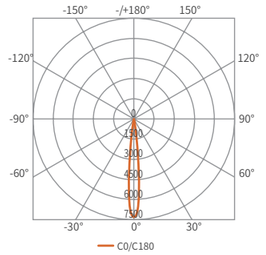
IK07 IP67 F CE UKCA SELV ETL

Frame+body Material: Aluminium
Available finishes: Powder Spraying
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.75Kg
Controls: ON/OFF(Non dim), 0-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

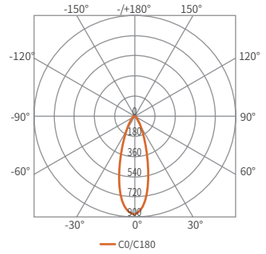
IP67 rated	50000h
Waterproof performance	Long lifetime

PL608 6W 4000K 10°



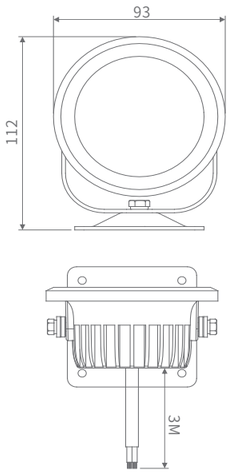
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	5245	7473	19.66
2	1311	1868	39.33
3	582.8	830.3	58.99
4	327.8	467.1	78.66
5	209.8	298.9	98.32

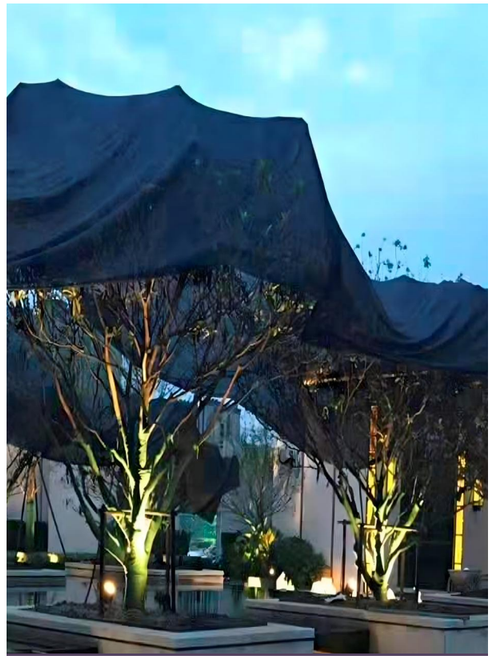
PL608 6W 4000K 40°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	548	853	65.71
2	137	213.3	131.42
3	60.89	94.79	197.13
4	34.25	53.32	262.84
5	21.92	34.13	328.55

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
6	770	650	Surface mounted	P1.0608 06
9	1100	920	Surface mounted	P1.0608 09

Filter Structure		Power		Input	
Regular	01	6W	06	Constant current	0
Frosted glass	02	9W	09	DC12V	1
Opla plate	06			DC24V	2

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	40°	C	ON/OFF	1
6000K	8	120°	7	DMX512	2
RGB	D			0/1-10V	3
RGBW	H			PWM	6

PL612

Surface Mounted
Spot Light





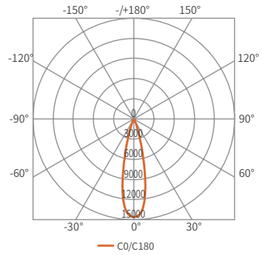
IK07 IP67 F CE UK CA SELV ETL

Frame+body Material: Aluminium
Available finishes: Powder Spraying
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20℃~+45℃
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 1.2Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

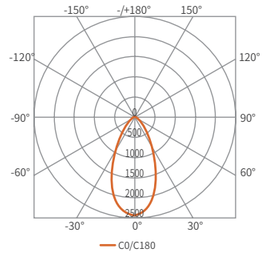
IP67 rated	50000h
Waterproof performance	Long lifetime

PL612 13W 4000K 20°



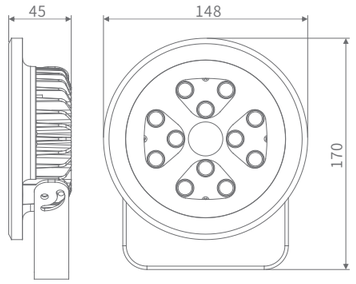
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	10238	13789	23.74
2	2559	3447	47.49
3	1138	1532	71.23
4	639.9	861.81	94.98
5	409.5	551.6	118.72

PL612 13W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1526	2370	67.73
2	381.5	592.6	135.46
3	169.6	263.4	203.18
4	95.38	148.21	270.91
5	61.04	94.821	338.64

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
13	1550	1300	Surface mounted	P1.0612 13
20	2200	1850	Surface mounted	P1.0612 20

Filter Structure		Power		Input	
Regular	01	13W	13	Constant current	0
Frosted glass	02	20W	20	DC12V	1
Opla plate	06			DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	45°	5	ON/OFF	1
6000K	8	60°	6	DMX512	2
RGB	D	120°	7	0/1-10V	3
RGBW	H			PWM	6

PL618

Surface Mounted
Spot Light





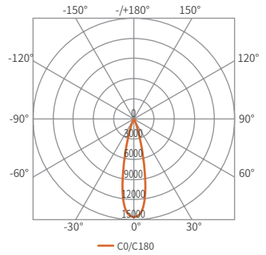
IK07 IP67 F CE UK CA SELV ETL

Frame+body Material: Aluminium
Available finishes: Powder Spraying
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 1.91Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

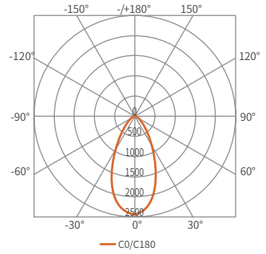
IP67 rated	50000h
Waterproof performance	Long lifetime

PL618 20W 4000K 20°



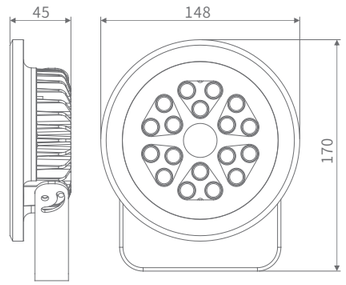
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	11801	16302	23.11
2	2950	4076	46.22
3	1311	1811	69.32
4	737.6	10191	92.43
5	472.1	652.1	115.54

PL618 20W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	3532	5243	51.96
2	883	1311	103.91
3	392.5	582.5	155.87
4	220.8	327.7	207.82
5	141.3	209.7	259.78

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
20	2400	2150	Surface mounted	P1.0618 20

Filter Structure		Power		Input	
Regular	01	20W	20	Constant current	0
Frosted glass	02			DC12V	1
Opla plate	06			DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	45°	5	ON/OFF	1
6000K	8	60°	6	DMX512	2
RGB	D	120°	7	0/1-10V	3
RGBW	H			PWM	6

PL624

Surface Mounted
Spot Light





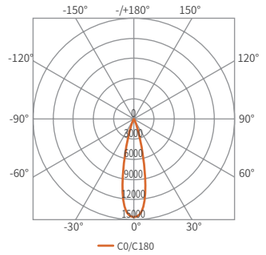
IK07 IP67 F CE UK CA SELV ETL

Frame+body Material: Aluminium
Available finishes: Powder Spraying
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 2.1Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

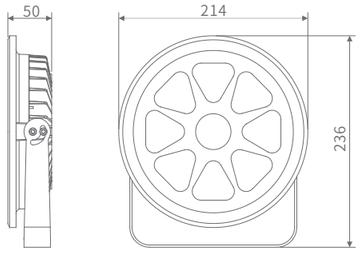
IP67 rated	50000h
Waterproof performance	Long lifetime

PL624 24W 4000K 20°

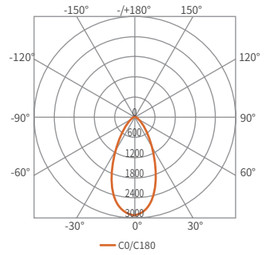


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	8682	12512	37.36
2	2171	3128	74.72
3	964.7	1390	112.09
4	542.7	782	149.45
5	347.3	500.5	186.81

Unit: mm



PL624 24W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1563	2685	89.13
2	390.9	671.3	178.25
3	173.7	298.3	267.38
4	97.71	167.81	356.51
5	62.54	107.4	445.63



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
24	3100	2600	Surface mounted	P1.0624 24
36	4000	3400	Surface mounted	P1.0624 36

Filter Structure		Power		Input	
Regular	01	24W	24	Constant current	0
Frosted glass	02	36W	36	DC12V	1
Opla plate	06			DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	45°	5	ON/OFF	1
6000K	8	60°	6	DMX512	2
RGB	D	120°	7	0/1-10V	3
RGBW	H			PWM	6

PL824

Surface Mounted
Spot Light





IK07 IP67 F CE UK CA SELV ETL

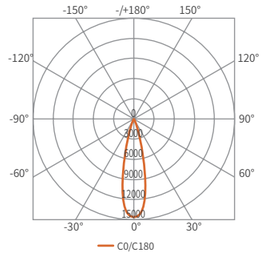
Frame+body Material: Aluminium
Available finishes: Powder Spraying
Tempered Glass: 10mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 2.1Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP67 rated
Waterproof performance

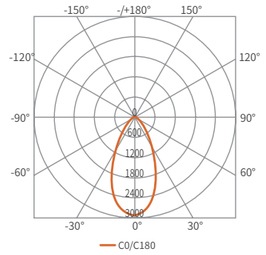
50000h
Long lifetime

PL824 24W 4000K 20°



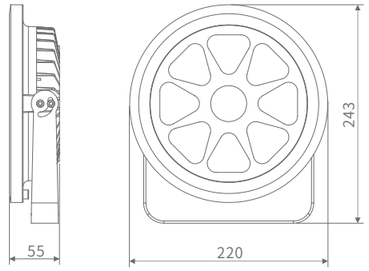
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	8682	12512	37.36
2	2171	3128	74.72
3	964.7	1390	112.09
4	542.7	782	149.45
5	347.3	500.5	186.81

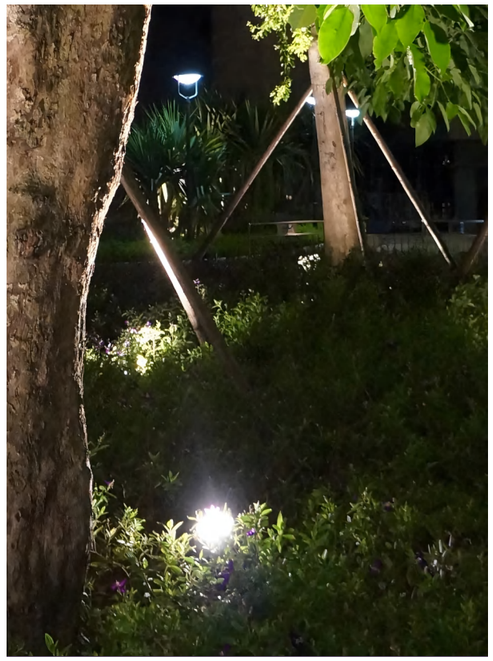
PL824 24W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1563	2685	89.13
2	390.9	671.3	178.25
3	173.7	298.3	267.38
4	97.71	167.81	356.51
5	62.54	107.4	445.63

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
24	3100	2600	Surface mounted	P1.0824 24
36	4000	3400	Surface mounted	P1.0824 36

Filter Structure		Power		Input	
Regular	01	24W	24	Constant current	0
Frosted glass	02	36W	36	DC12V	1
Opla plate	06			DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H	120°	7	PWM	6

EU2001

Surface Mounted
Linear Light





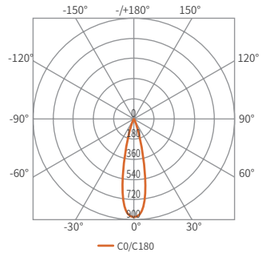
IK07 | IP67 | F | CE | UKCA | SELV | ETL

Frame+body Material: Aluminium
Available finishes: Oil Spraying
Tempered Glass: 3mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 0.5M length.
Unit Weight: 0.15Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs.

Please refer to pages 289-291 to choose a remote power supply.

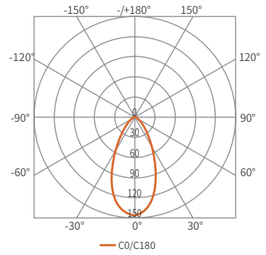
IP67 rated	50000h
Waterproof performance	Long lifetime

EU2001D 2W 4000K 20°



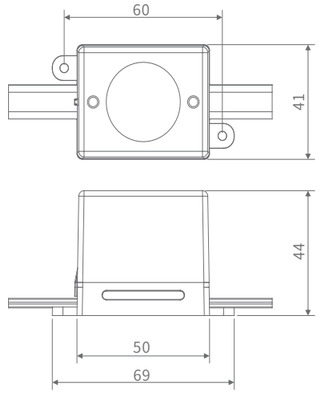
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	580.7	862.7	32.24
2	145.2	215.7	64.47
3	64.52	95.86	96.71
4	36.29	53.92	128.94
5	23.23	34.51	161.18

EU2001D 2W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	57.39	97.22	116.87
2	14.35	24.3	233.73
3	6.376	10.8	350.6
4	3.587	6.076	467.46
5	2.296	3.889	584.33

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
2	180	130	Surface mounted	P1.2001 02
3	300	220	Surface mounted	P1.2001 03

Filter Structure		Power		Input	
Regular	01	2W	02	Constant current	0
Frosted glass	02	3W	03	DC12V	1
Opla plate	06			DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H			PWM	6

EU2006

Surface Mounted
Linear Light





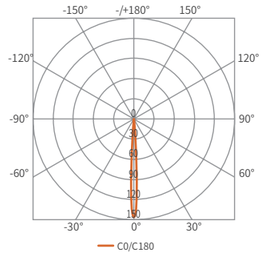
IK07 IP67 F CE UKCA SELV ETL

Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.46Kg
Controls: ON/OFF(Non dim), DMX, 0/1-10V, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

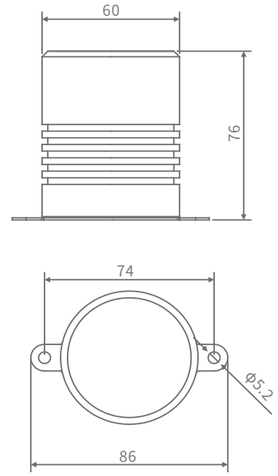
IP67 rated	50000h
Waterproof performance	Long lifetime

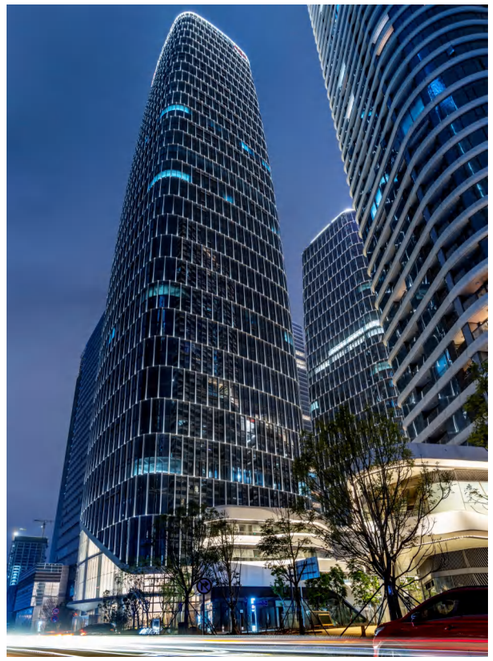
EU2006 7W 4000K 3°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	27748	42407	8.82
2	6937	10602	17.64
3	3083	4712	26.46
4	1734	2650	35.27
5	1110	1696	44.09

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
7	760	550	Surface mounted	P1.2006 07
9	930	670	Surface mounted	P1.2006 09
7	900(COB)	770	Surface mounted	P1.2006 07
9	1100(COB)	900	Surface mounted	P1.2006 09

Filter Structure		Power		Input	
Frosted glass	02	7W	07	Constant current	0
Half shaded glass	03	9W	09	DC24V	2
Honeycomb Louvre	08				
Anti-glare baffle	09				
COB	25				

CCT Range		Optics		Controls	
3000K	3	3°	A	ON/OFF	1
4000K	5	15°	2	DMX	2
6000K	8	24°	Q	0/1-10V	3
		36°	E	PWM	6
		50°	F		

EU3085

Surface Mounted
Wall Light





IK07 IP67 F CE UK CA SELV ETL

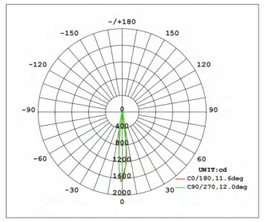
Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(CV)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.8Kg
Controls: ON/OFF(Non dim), Constant Current
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP67 rated
Waterproof performance

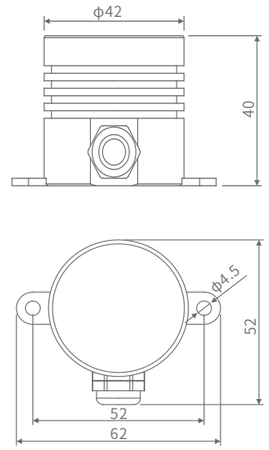
50000h
Long lifetime

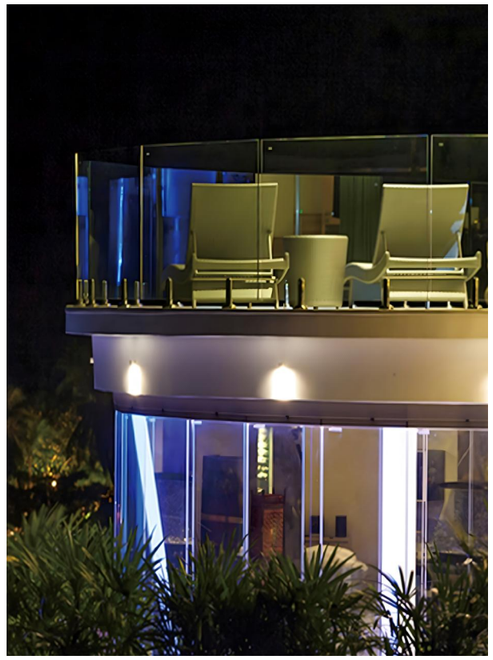
EU3085 3W 3000K 10°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1175	1672	20.48
2	293.8	418.1	40.95
3	130.6	185.8	61.43
4	73.45	104.5	81.90
5	47.01	66.89	102.38

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	300	170	Surface mounted	P1.3085 03

Filter Structure		Power		Input	
Regular	01	3W	03	Constant current	0
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	20°	3	ON/OFF	1
6000K	8	30°	4		
		45°	5		
		60°	6		

05

Line Light



Product Guidance

IMAGE	PRODUCT CODE	POWER	OPTICS (°)	CCT (K)	IP	PAGE
	EU2004	15	120	Single/ full colour	65	191/192 ▶
	EU2007	12	120	Single/ full colour	65	193/194 ▶
	EU2008	12	120	Single/ full colour	65	195/196 ▶
	EU2011	24	15/20/30/45/60/10*60	Single/ full colour	65	197/198 ▶
	EU2012	36	15/20/30/45/60/10*60	Single/ full colour	65	199/200 ▶
	EU2018	48	15/20/30/45/60/10*60	Single/ full colour	**67**	201/202 ▶
	EU2009	12	120	Single/ full colour	**67**	203/204 ▶
	EU2009HP	18	10/20/30/60/10*40	Single/ full colour	**67**	205/206 ▶
	LL700	26	15/20/30/45/60/10*60	Single/ full colour	67	207/208 ▶
	LL710	26	15/20/30/45/60/10*60	Single/ full colour	67	209/210 ▶

05

EURBORN

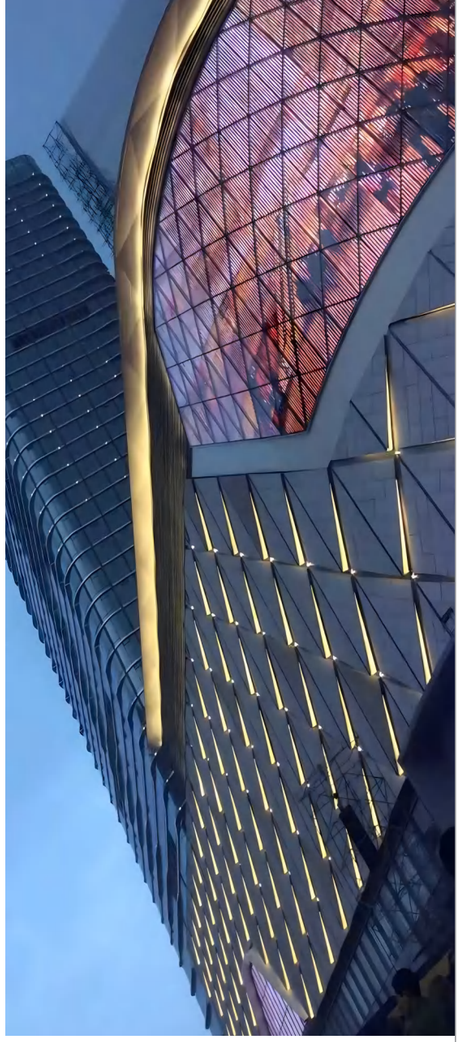
Line Light

Eurborn Linear Light, with stable light source, uniform light distribution, can be friendly to use for different environments, its design style is simple, modern appearance, can be coordinated and complementary with a variety of indoor and outdoor design styles.

Built and assembled by professional engineers with 20 years of experience using cutting-edge technology, Eurborn Linear Lights have lower energy consumption and longer service life than traditional lamps.

Multiple robust protection, waterproof and corrosion resistance, to ensure the safety of lamp operation, can be well adapted to changes in the external environment, and can greatly reduce maintenance and operating costs.

Eurborn Linear Light, with outstanding quality and fashionable designs, they are exported to 135 countries and regions, and have been well received by users



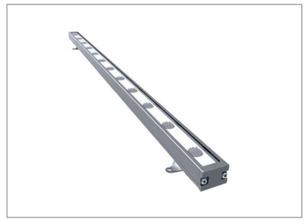
Surface oxidation treatment

Multiple security protection

−20°C~+45°C
Ambient temperature



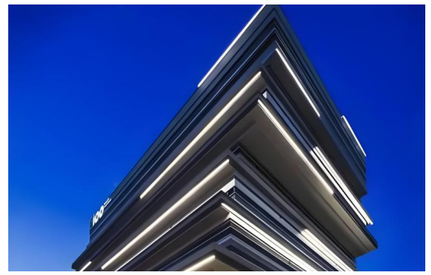


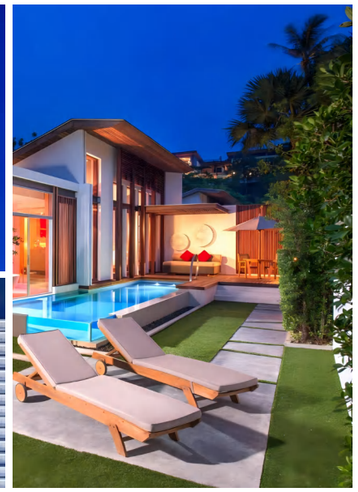


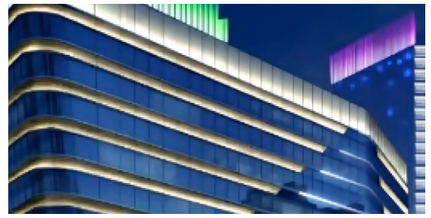
Color temperature range
1800K--6500K

- High dustproof and waterproof
- >50000hrs lifetime
- -20°C~+45°C Ambient temperature
- Multiple layers sealing
- Surface oxidation
- ≥3M cable
- 10mm wear-resistant tempered glass
- High quality LED
- RGBW









EU2004

Surface Mounted
Linear Light





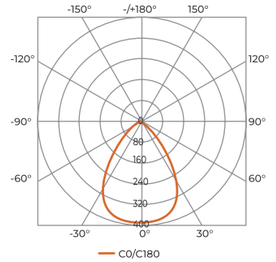
IK07 IP65 F CE UKCA SELV ETL

Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: PC
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 0.3M length
Unit Weight: 0.8Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

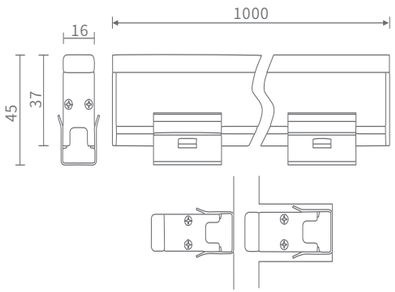
IP65 rated	50000h
Waterproof performance	Long lifetime

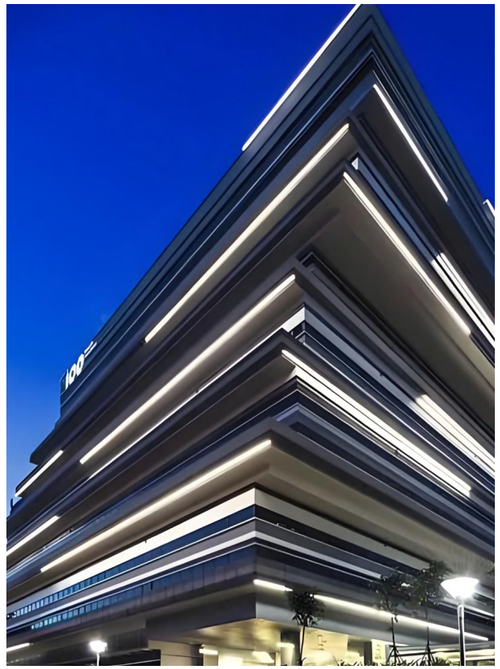
EU2004 12W 4000K 120°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	113.9	373.2	293.24
2	28.48	93.30	586.48
3	12.66	41.47	879.72
4	7.12	23.32	1172.97
5	4.557	14.93	1466.21

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
12	1000	450	Surface mounted	L1.2004 12
15	1200	550	Surface mounted	L1.2004 15

Filter Structure		Power		Input	
Regular	01	12W	12	Constant current	0
		15W	15	DC24V	2

CCT Range		Optics		Controls	
3000K	3	120°	7	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
RGB	D			0/1-10V	3
RGBW	H			PWM	6

EU2007

Surface Mounted
Linear Light





IK07 IP65 F CE UKCA SELV ETL

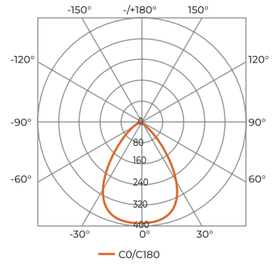
Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: PC
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 0.3M length
Unit Weight: 1Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

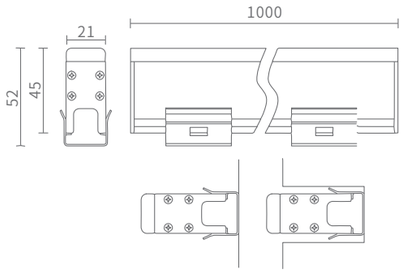
IP65 rated	50000h
Waterproof performance	Long lifetime

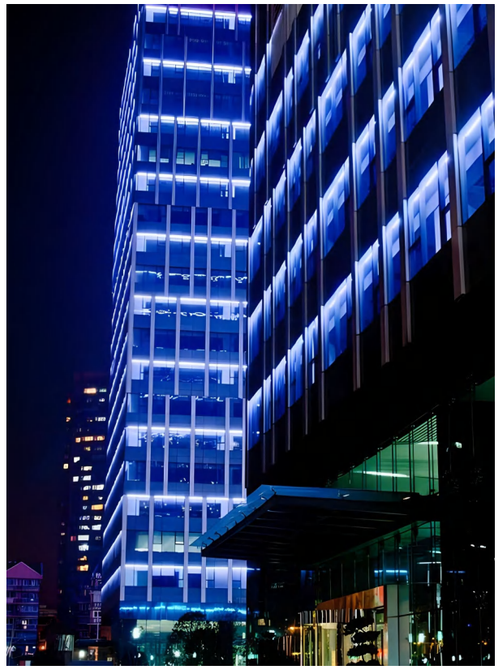
EU2007 12W 4000K 120°

Unit: mm



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	113.9	373.2	293.24
2	28.48	93.30	586.48
3	12.66	41.47	879.72
4	7.12	23.32	1172.97
5	4.557	14.93	1466.21





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
12	1000	450	Surface mounted	L1.2007 12

Filter Structure		Power		Input	
Regular	01	12W	12	Constant current	0
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	120°	7	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
RGB	D			0/1-10V	3
RGBW	H			PWM	6

EU2008

Surface Mounted
Linear Light





IK07 IP65 F CE UKCA SELV ETL

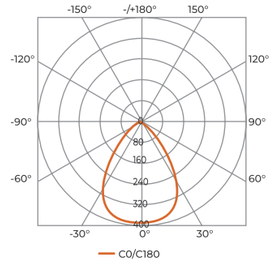
Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: PC
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 0.3M length
Unit Weight: 1.5Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

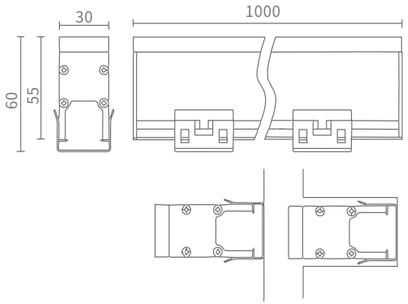
IP65 rated	50000h
Waterproof performance	Long lifetime

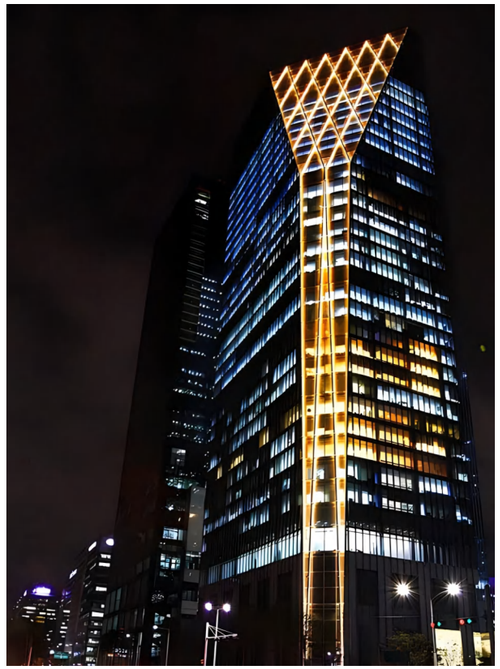
EU2008 12W 4000K 120°

Unit: mm



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	113.9	373.2	293.24
2	28.48	93.30	586.48
3	12.66	41.47	879.72
4	7.12	23.32	1172.97
5	4.557	14.93	1466.21





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
12	1000	450	Surface mounted	L1.2008 12

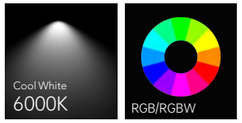
Filter Structure		Power		Input	
Regular	01	12W	12	Constant current	0
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	120°	7	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
RGB	D			0/1-10V	3
RGBW	H			PWM	6

EU2011

Surface Mounted
Linear Light







IK07 IP65 F CE UKCA SELV ETL

Frame+body Material: Aluminium
Available finishes: Powder Spraying
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 0.3M length
Unit Weight: 0.8Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

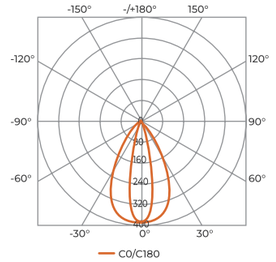
Please refer to pages 289-291 to choose a remote power supply.

IP65 rated
Waterproof performance

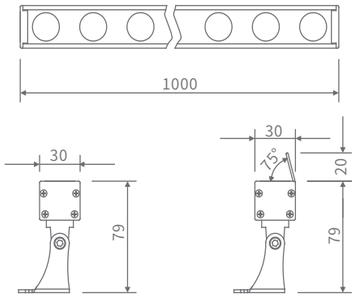
50000h
Long lifetime

EU2011 24W 3000K 10X60°

Unit: mm



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	2496	3504	39
2	623	876	78
3	277	389	117
4	156	219	156
5	99	140	195





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
18	1500	1100	Surface mounted	L1.2011 18
24	2000	1500	Surface mounted	L1.2011 24

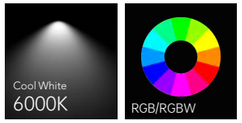
Filter Structure		Power		Input	
Regular	01	18W	18	Constant current	0
Glare shield	54	24W	24	DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H			PWM	6

EU2012

Surface Mounted
Linear Light







IK07 IP65 F CE UKCA SELV ETL

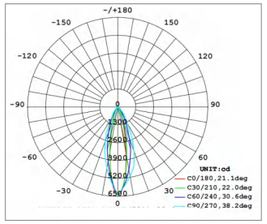
Frame+body Material: Aluminium
Available finishes: Powder Spraying
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 0.3M length
Unit Weight: 0.8Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP65 rated
Waterproof performance

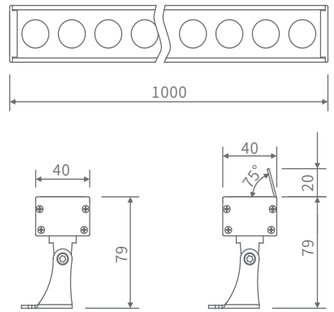
50000h
Long lifetime

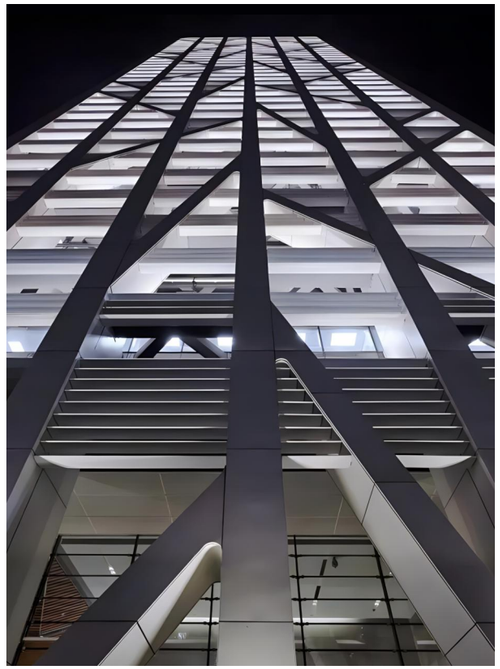
EU2012 36W 3000K 30°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	4565	6373	37.25
2	1141	1593	74.51
3	507.3	708.1	111.76
4	285.3	398.3	149.01
5	182.6	254.9	186.27

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
18	1500	1100	Surface mounted	L1.2012 18
24	2000	1500	Surface mounted	L1.2012 24
36	3000	2000	Surface mounted	L1.2012 36

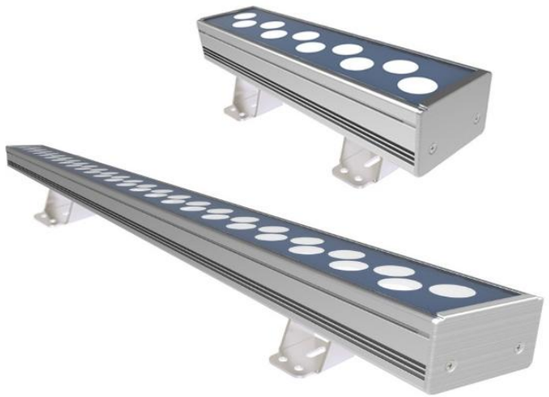
Filter Structure		Power		Input	
Regular	01	18W	18	Constant current	0
		24W	24	DC24V	2
		36W	36		

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H			PWM	6

EU2018

Surface Mounted
Linear Light





IK07 IP65 F CE UKCA SELV ETL

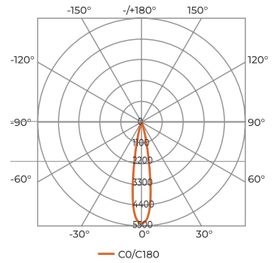
Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 4Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP65 rated
Waterproof performance

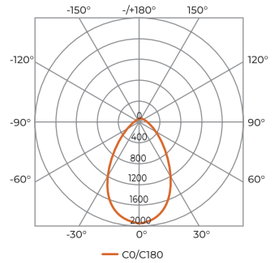
50000h
Long lifetime

EU2018 24W 4000K 20°



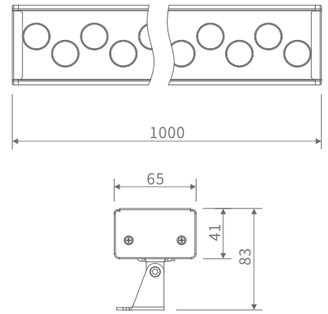
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	18295	28092	30.38
2	4574	7023	60.75
3	2033	3121	71.13
4	1143	1756	121.5
5	731.8	1124	151.88

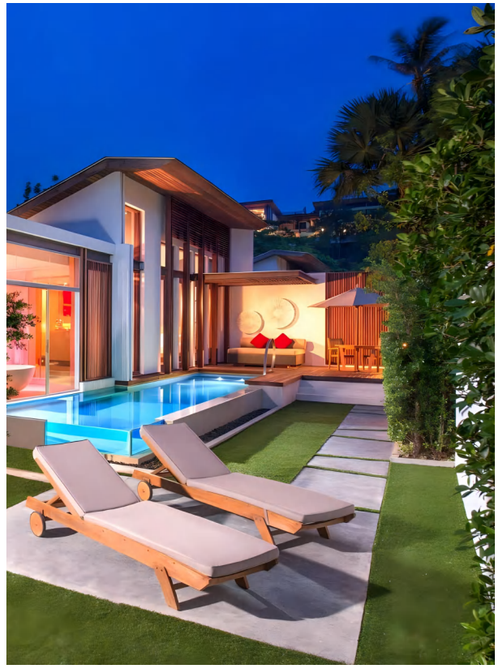
EU2018 24W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	3661	5211	37.47
2	915.2	1303	74.94
3	406.8	579	112.41
4	228.8	325.7	149.88
5	146.4	208.4	187.35

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
24	3050	2500	Surface mounted	L1.2018 24
48	6100	5100	Surface mounted	L1.2018 48
72	7950	6600	Surface mounted	L1.2018 72

Filter Structure		Power		Input	
Regular	01	24W	24	Constant current	0
		48W	48	DC24V	2
		72W	72		

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H			PWM	6

EU2009

Surface Mounted
Linear Light





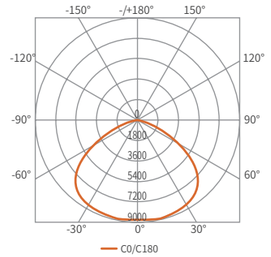
IK07 IP65 F CE UK CA SELV ETL

Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: PC
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.8Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

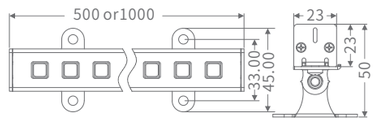
IP65 rated	50000h
Waterproof performance	Long lifetime

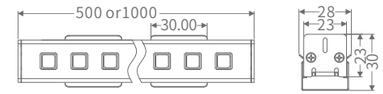
EU2009 12W 4000K 120°

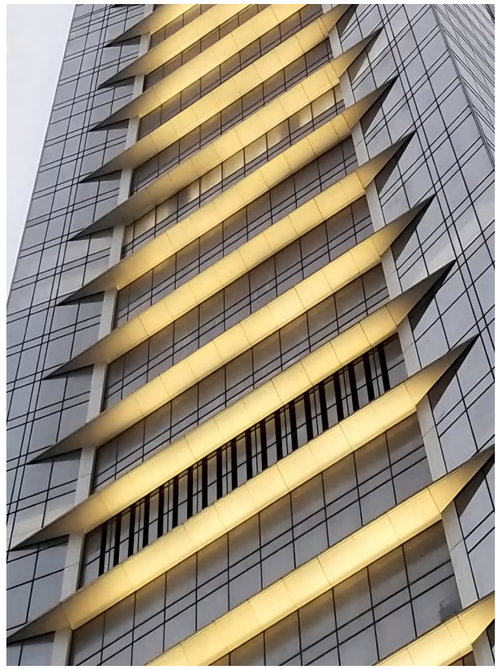


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	141.1	451.1	286.69
2	35.27	112.8	537.38
3	15.67	50.12	860.08
4	8.817	28.19	1146.77
5	5.643	18.04	1433.46

Unit: mm







Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
6	500	300	Surface mounted	L1.2009 06
12	1000	600	Surface mounted	L1.2009 12

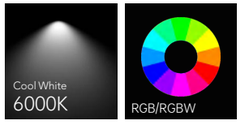
Filter Structure		Power		Input	
Regular	01	6W	06	Constant current	0
		12W	12	DC24V	2

CCT Range		Optics		Controls	
3000K	3	120°	7	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
RGB	D			0/1-10V	3
RGBW	H			PWM	6

EU2009HP

Surface Mounted
Linear Light







IK07 IP65 F

CE UKCA SELV

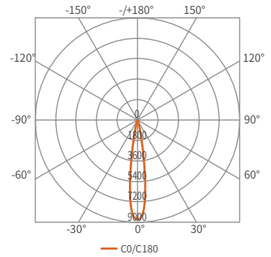
ETL

Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: PC
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.8Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

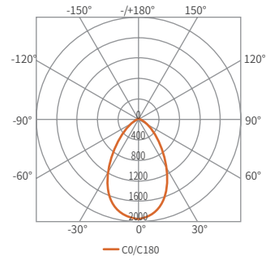
IP65 rated	50000h
Waterproof performance	Long lifetime

EU2009HP 18W 4000K 20°



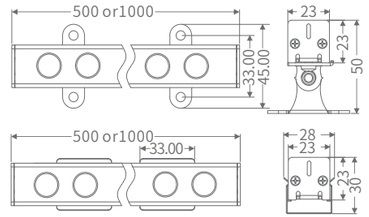
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	25001	40792	8.57
2	6250	10198.0	17.15
3	2778	4532	25.72
4	1563	2550	34.3
5	1000	1632	42.87

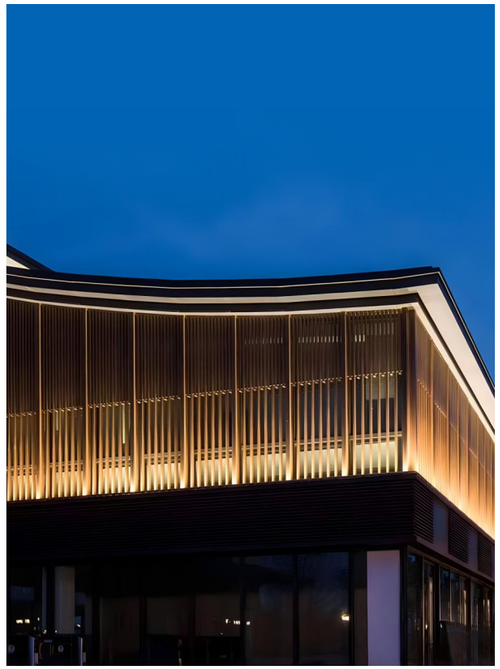
EU2009HP 18W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1183	1887	81.11
2	295.7	471.8	162.21
3	131.4	209.7	243.32
4	73.92	117.9	324.42
5	47.31	75.48	405.53

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
9	1100	850	Surface mounted	L1.2009 09
18	2300	1750	Surface mounted	L1.2009 18

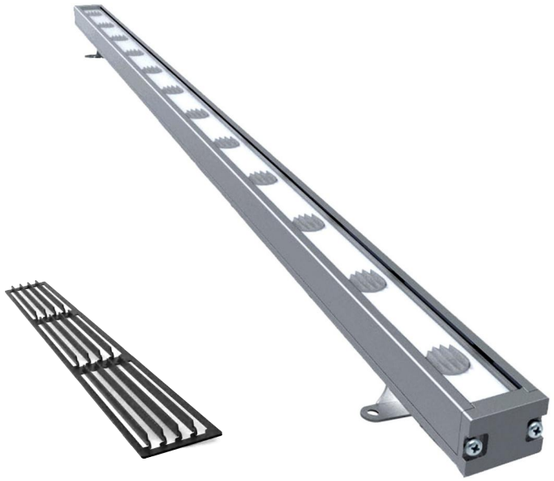
Filter Structure		Power		Input	
Regular	01	9W	09	Constant current	0
		18W	18	DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H			PWM	6

LL700

Surface Mounted
Linear Light





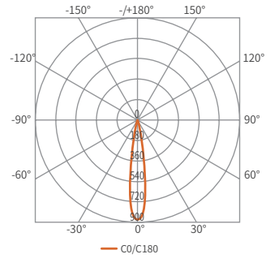
IK07 IP67 F CE UKCA SELV ETL

Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 6mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 1.8Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

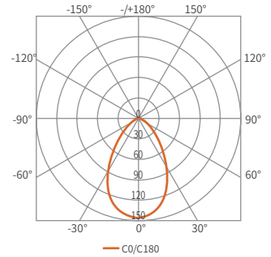
IP67 rated	50000h
Waterproof performance	Long lifetime

LL700 24W 4000K 20°



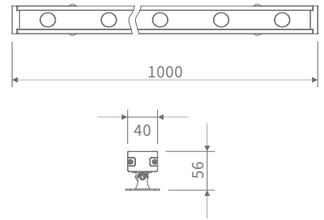
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	8004	11979	27.44
2	2001	2995	54.87
3	899.3	1331	82.31
4	500.3	748.7	109.74
5	320.2	479.21	137.18

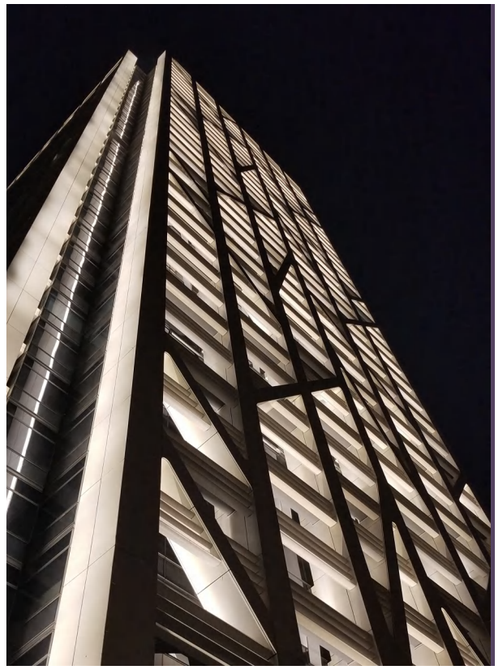
LL700 24W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1116	1865	116
2	279	466.3	232
3	124	207.2	348
4	69.75	116.6	464.01
5	44.64	74.6	580.01

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
13	1650	1200	Surface mounted	L1.0700 13
24	3150	2350	Surface mounted	L1.0700 24
36	4100	3100	Surface mounted	L1.0700 36

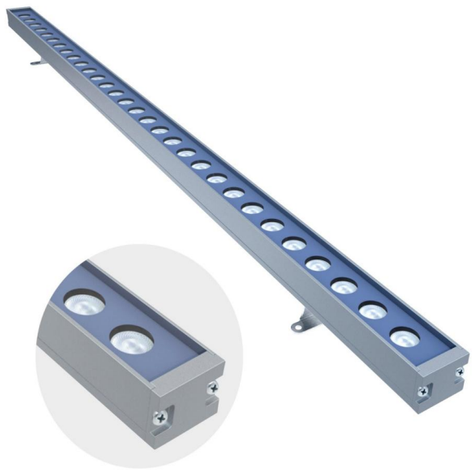
Filter Structure		Power		Input	
Regular	01	13W	13	Constant current	0
Opla plate	06	24W	24	DC24V	2
Transversal Louvre	19	36W	36		

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H			PWM	6

LL710

Surface Mounted
Linear Light





IK07 IP67 F CE UK CA SELV ETL

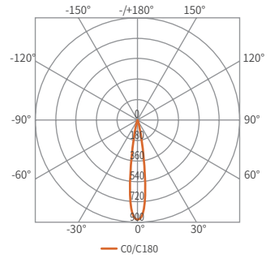
Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 1.5Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP67 rated
Waterproof performance

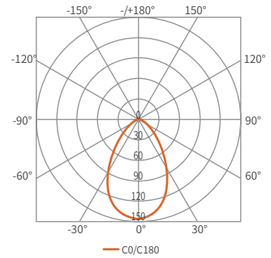
50000h
Long lifetime

LL710 13W 4000K 20°



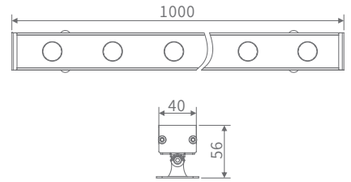
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	8004	11979	27.44
2	2001	2995	54.87
3	899.3	1331	82.31
4	500.3	748.7	109.74
5	320.2	479.21	137.18

LL710 13W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1116	1865	116
2	279	466.3	232
3	124	207.2	348
4	69.75	116.6	464.01
5	44.64	74.6	580.01

Unit: mm



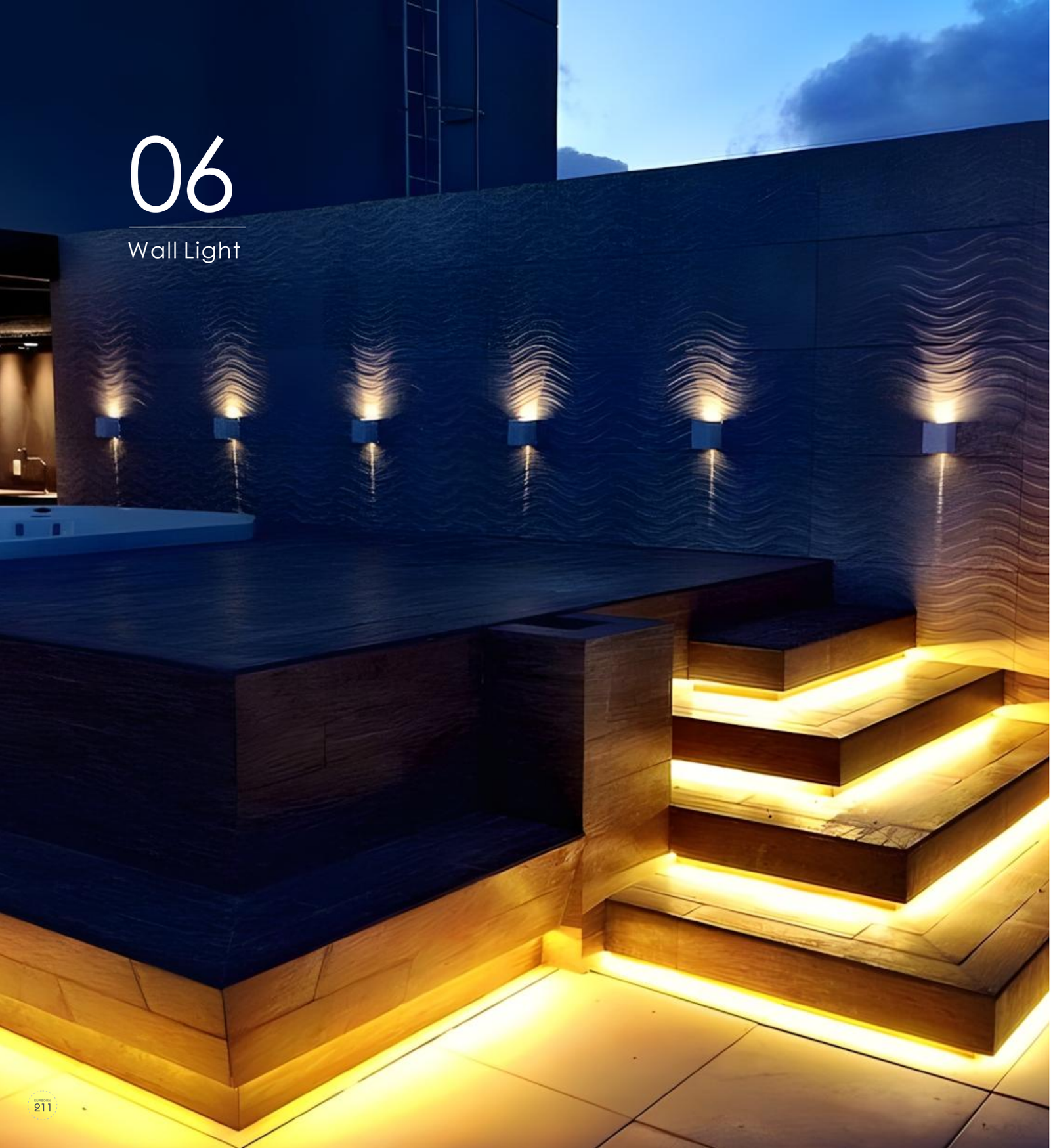


Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
13	1650	1050	Surface mounted	L1.0710 13
24	3150	1950	Surface mounted	L1.0710 24
36	4100	2700	Surface mounted	L1.0710 36

Filter Structure		Power		Input	
Regular	01	13W	13	Constant current	0
		24W	24	DC24V	2
		36W	36		

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5	DMX512	2
RGB	D	60°	6	0/1-10V	3
RGBW	H			PWM	6



06

Wall Light

Product Guidance

IMAGE	PRODUCT CODE	POWER	OPTICS (°)	CCT (K)	IP	PAGE
	EU1811-1A-P1	24	**15/24/36/60**	**Single**	67	215/216 ▶
	EU1811-1A-P2	48	**15/24/36/60**	**Single**	67	217/218 ▶
	EU1808B	3	60	**Single**	67	219/220 ▶
	EU1820	1	70	Single	65	221/222 ▶
	ML101	1	–	Single/ full colour	68	223/224 ▶
	ML102	2	20/60	Single	65	225/226 ▶
	ML103	1	–	Single/ full colour	65	227/228 ▶
	ML104	1	–	Single/ full colour	68	229/230 ▶
	ML110 ML220	2	20/60	Single	65	231/232 ▶
	EU2501	7	**Special angle**	Single	65	233/234 ▶
	EU1837	2	120	Single/ full colour	65	235/236 ▶
	GL112SJ	1	20/60	Single	68	237/238 ▶
	EU1831	2	120	Single	65	239/240 ▶

06

EURBORN

Wall Light

Eurborn Wall Light, with a variety of styles and design concepts, can be well matched to a variety of indoor and outdoor styles, it has the effect of beautifying the space. Compact design of lamps, both artistic, can be cleverly integrated with the building, saving space. Diffuse lighting mode, gentle light source, reduce glare, and flexible installation, also the height and position can be adjusted according to actual needs to adapt to different space requirements. Compare with traditional lamps on the market, Our integral LED package has lower energy consumption, better heat dissipation, longer service life and reduced maintenance and operating costs.

Eurborn Wall Light are widely used in hotels, shopping malls, offices, homes and other commercial places, both beautiful and practical. With outstanding quality and fashionable designs, they are exported to 135 countries and regions, and have been well received by users



Surface oxidation treatment

Multiple security protection

−20°C~+45°C
Ambient temperature





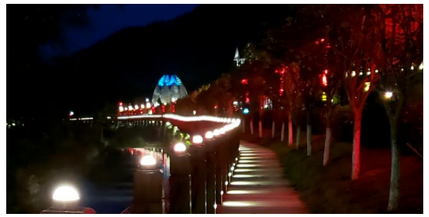


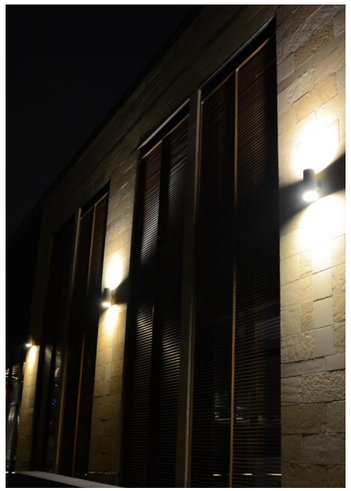
Color temperature range
1800K--6500K

- High dustproof and waterproof
- >50000hrs lifetime
- -20°C~+45°C Ambient temperature
- Surface oxidation
- ≥3M cable
- 10mm wear-resistant tempered glass
- High quality LED
- RGBW









EU1811-1A-P1

Surface Mounted Wall Light





IK08 IP67 F CE UKCA SELV ETL

Frame+body Material: Aluminium
Available finishes: Powder spraying
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 1.5Kg
Controls: Constant Current, ON/OFF(Non dim)
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

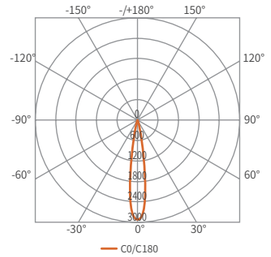
Please refer to pages 289-291 to choose a remote power supply.

IP67 rated
Waterproof performance

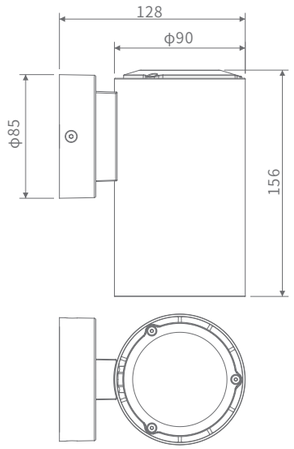
50000h
Long lifetime

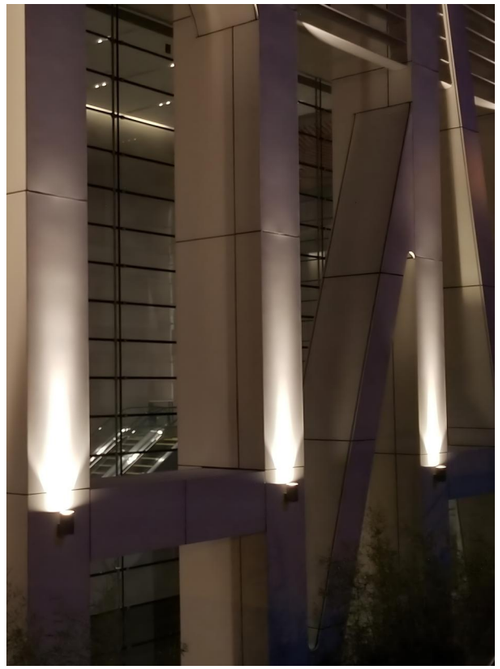
Unit: mm

EU1811 24W 4000K 24°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1652	2412	102.34
2	413	602.9	204.69
3	183.6	268	307.3
4	103.3	150.7	409.37
5	66.08	96.47	511.72





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
12	1800	1400	Surface mounted	D1.1811 12
18	2700	2000	Surface mounted	D1.1811 18
24	3700	2700	Surface mounted	D1.1811 24

Filter Structure		Power		Input	
Regular	01	12W	12	Constant current	0
Honeycomb Louvre	08	18W	18	220VAC	7
		24W	24		

CCT Range		Optics		Controls	
3000K	3	15°	2	Constant current	0
4000K	5	24°	Q	ON/OFF	1
6000K	8	36°	E		
		60°	6		

EU1811-1A-P2

Surface Mounted Wall Light





IK08 IP67 F CE UKCA SELV ETL

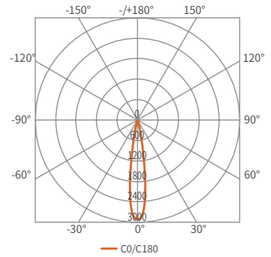
Frame+body Material: Aluminium
Available finishes: Powder spraying
Tempered Glass: 8mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 2Kg
Controls: Constant Current, ON/OFF(Non dim)
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP67 rated
Waterproof performance

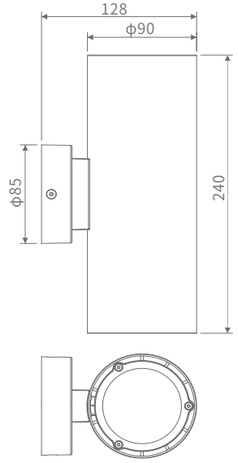
50000h
Long lifetime

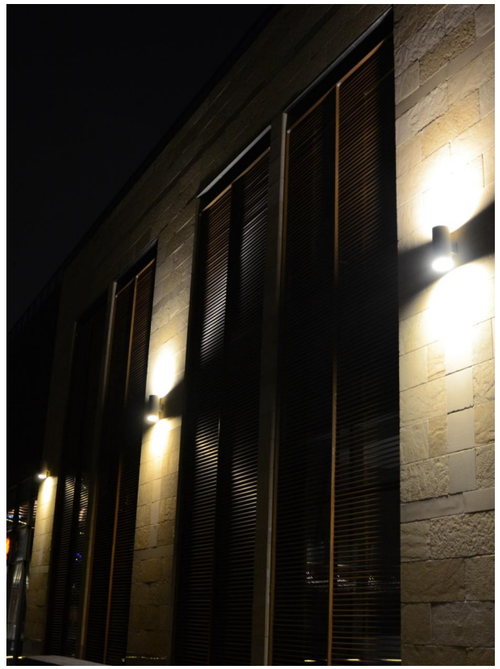
EU1811 24W 4000K 24°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1652	2412	102.34
2	413	602.9	204.69
3	183.6	268	307.3
4	103.3	150.7	409.37
5	66.08	96.47	511.72

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
24	3400	2600	Surface mounted	D1.1811 24
36	5200	3800	Surface mounted	D1.1811 36
48	6900	5200	Surface mounted	D1.1811 48

Filter Structure		Power		Input	
Regular	01	24W	24	Constant current	0
Honeycomb Louvre	08	36W	36	220VAC	7
Two Sides	39	48W	48		

CCT Range		Optics		Controls	
3000K	3	15°	2	Constant current	0
4000K	5	24°	Q	ON/OFF	1
6000K	8	36°	E		
		60°	6		

EU1808B

Recessed Wall Light







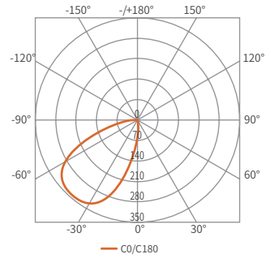
Frame+body Material: Aluminium
Available finishes: Electroplating, Powder spraying
Tempered Glass: 2mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.23Kg
Load Pressure: 1000KG (Static)
Controls: Constant Current, ON/OFF(Non dim)
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP67 rated
Waterproof performance

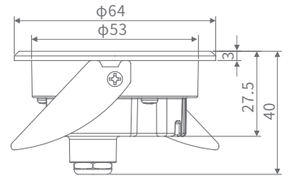
50000h
Long lifetime

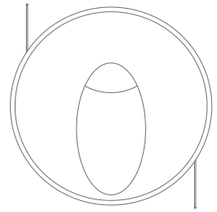
EU1808 1W 4000K 60°



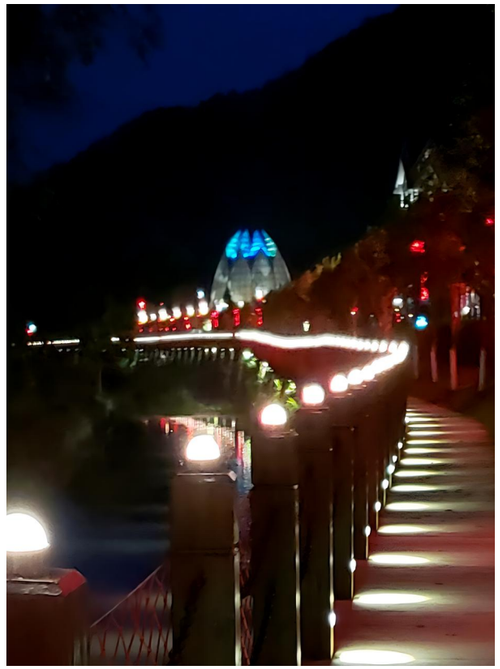
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	9.41	20.37	155.61
2	2.353	5.093	311.22
3	1.046	2.264	466.83
4	0.5882	1.273	622.44
5	0.3764	0.8149	778.05

Unit: mm





Drill size: D60mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	130	60	Recessed	D1.1808 01
3	300	150	Recessed	D1.1808 03

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
		3W	03	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	60°	6	Constant current	0
4000K	5			ON/OFF	1
6000K	8				

EU1820

Recessed Wall Light





D17 IP65 F CE UKCA SELV ETL

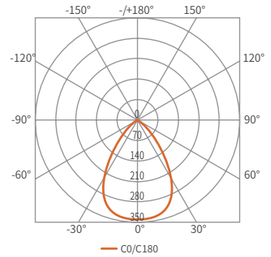
Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: Frosted
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.03Kg
Controls: Constant Current, ON/OFF(Non dim),PWM
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP65 rated
Waterproof performance

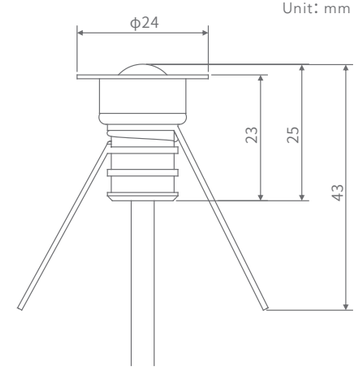
50000h
Long lifetime

EU1820 1W 4000K 70°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	31.71	48.571	109.43
2	7.927	5.093	218.85
3	3.523	12.141	328.28
4	1.982	5.396	437.7
5	1.268	3.035	547.13

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
0.5	65	35	Recessed	D1.1820 X5
1	130	60	Recessed	D1.1820 01

Filter Structure		Power		Input	
Regular	01	0.5W	X5	Constant current	0
		1W	01	DC24V	2

CCT Range		Optics		Controls	
3000K	3	Special angle	Z	Constant current	0
4000K	5			ON/OFF	1
6000K	8			PWM	6

ML101

Recessed Wall Light







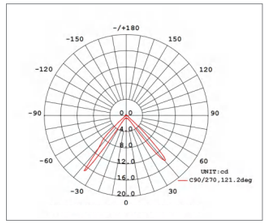
Frame+body Material: SUS316
Available finishes: Brushed, Polished, Passivated
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.3Kg
Load Pressure: 1000KG (Static)
Controls: Constant Current, ON/OFF(Non dim),PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

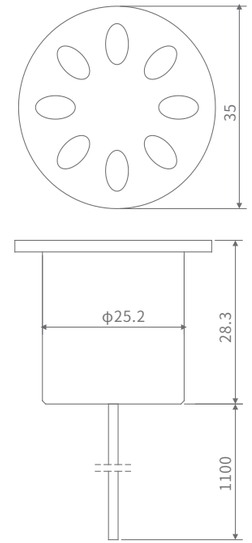
IP68 rated Waterproof performance	SUS316 Entirely Stainless steel	50000h Long lifetime

ML101 1W 3000K 120°

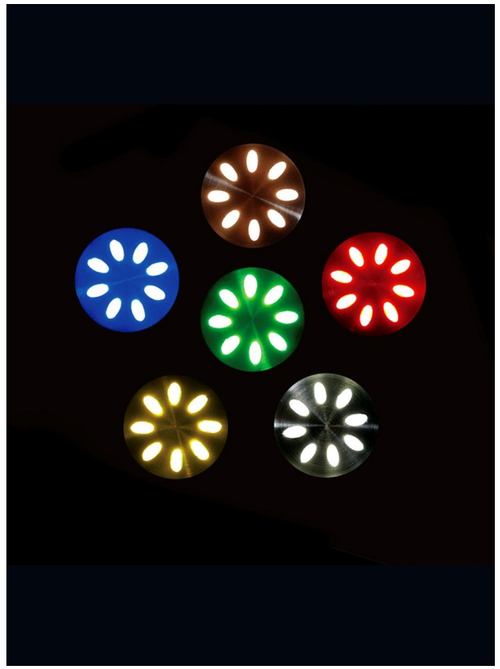


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	0.6721	8.897	351.48
2	0.1680	2.224	702.97
3	0.0747	0.9886	1054.45
4	0.0420	0.5561	1405.94
5	0.0269	0.3559	1757.42

Unit: mm



Drill size: D26mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	130	110	Recessed	D2.0101 ☼01 ϟ ⁂ ◺ ☺
2	260	220	Recessed	D2.0101 ☼02 ϟ ⁂ ◺ ☺

Filter Structure	☼	Power	⏻	Input	ϟ
Regular	01	1W	01	Constant current	0
		2W	02	DC12V	1
				DC24V	2

CCT Range	⁂	Optics	◺	Controls	☺
3000K	3	120°	7	Constant current	0
4000K	5			ON/OFF	1
6000K	8			PWM	6
RGB	D				

ML1021 ML1022 ML1022-30

Surface Mounted Wall Light





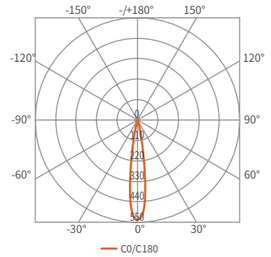
IK07 IP65 F CE UKCA SELV ETL

Frame+body Material: SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 3mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.2Kg/0.37Kg
Controls: Constant Current
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

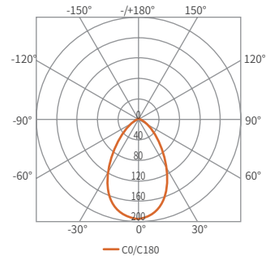
IP65 rated Waterproof performance	SUS316 Entirely Stainless steel	50000h Long lifetime

ML102 1W 4000K 20°



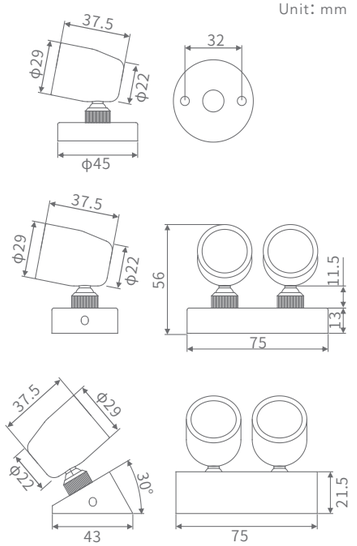
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	367.1	544.4	33.47
2	91.77	136.1	66.95
3	40.79	60.48	100.42
4	22.94	34.02	133.89
5	14.68	21.77	167.36

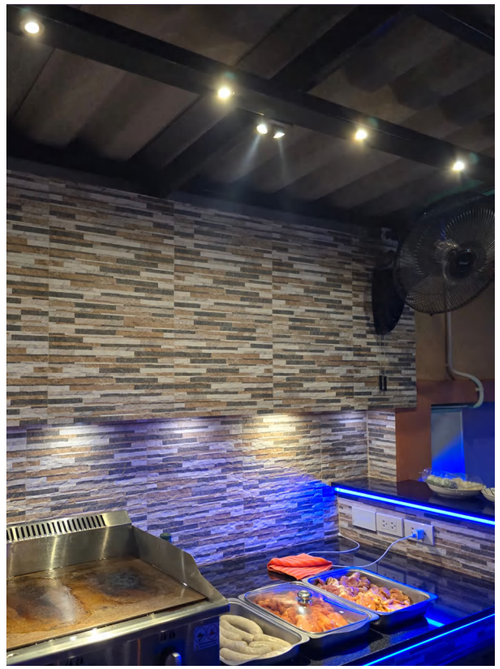
ML102 1W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	97.53	163.2	83.04
2	10.84	18.14	249.13
3	3.901	6.53	415.22
4	1990	3.332	581.3
5	1.204	2.015	747.39

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	130	110	Surface mounted	D2.1021 01
2	260	220	Surface mounted	D2.1022 02

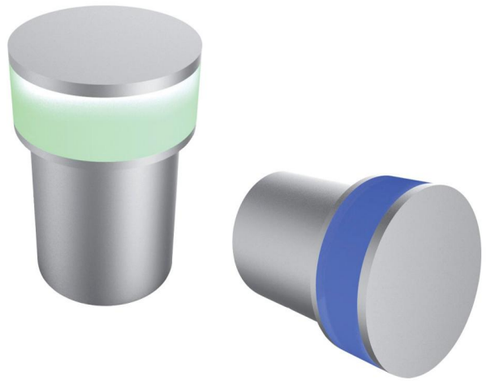
Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
		2W	02		

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4		
6000K	8	45°	5		
		60°	6		

ML103

Recessed Wall Light





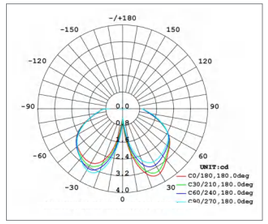


Frame+body Material: Aluminium
Available finishes: Anodized
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.05Kg
Load Pressure: 500KG (Static)
Controls: Constant Current, ON/OFF(Non dim),PWM
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

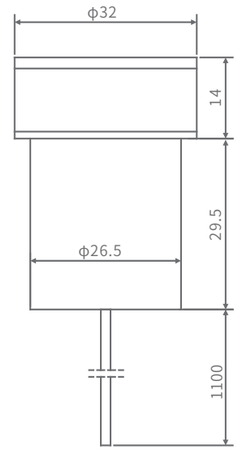
IP65 rated	50000h	500Kg
Waterproof performance	Long lifetime	Static Pressure Loading

ML103 1W 3000K 180°

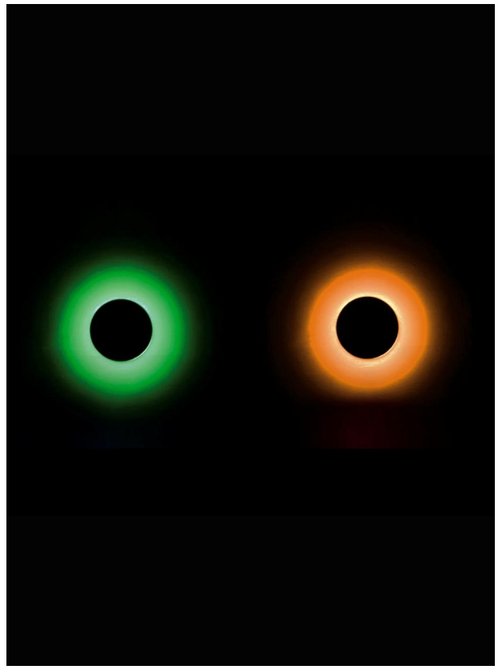


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1.695	2.823	200.00
2	0.4236	0.7058	400.00
3	0.1883	0.3137	600.00
4	0.1059	0.1764	800.00
5	0.0678	0.1129	1000.00

Unit: mm



Drill size：D27mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	130	15	Surface mounted	D1.0103☼01ϟ♣◣☺
2	180	25	Surface mounted	D1.0103☼02ϟ♣◣☺

Filter Structure	☼	Power	ⓘ	Input	ϟ
Regular	01	1W	01	Constant current	0
		2W	02	DC12V	1
				DC24V	2

CCT Range	♣	Optics	◣	Controls	☺
3000K	3	Special angle	Z	Constant current	0
4000K	5			ON/OFF	1
6000K	8			PWM	6
RGB	D				

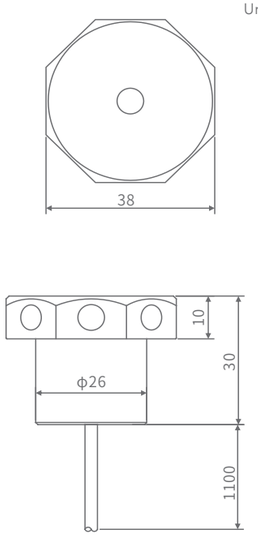
ML104

Recessed Wall Light





Unit: mm



Drill size：D27mm

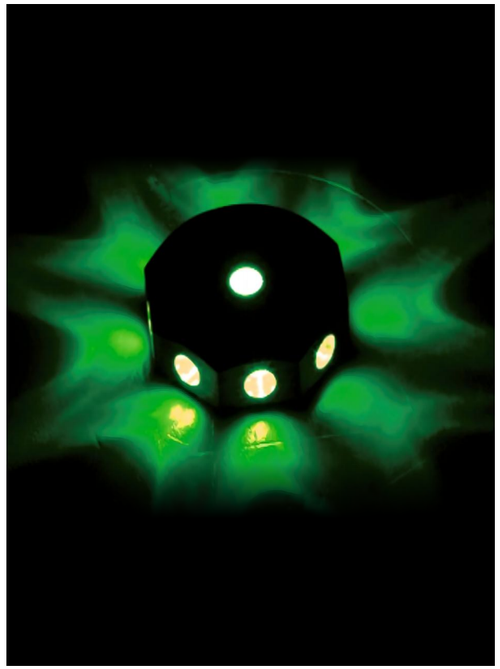


Frame+body Material: SUS316
Available finishes: Brushed, Polished, Passivated
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.1Kg
Load Pressure: 2000KG (Static)
Controls: Constant Current, ON/OFF(Non dim),PWM
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

IP68 rated	SUS316	50000h	2000Kg
Waterproof performance	Entirely Stainless steel	Long lifetime	Static Pressure Loading



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	130	17	Recessed	D2.0104 01
2	180	24	Recessed	D2.0104 02

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
		2W	02	DC12V	1
				DC24V	2

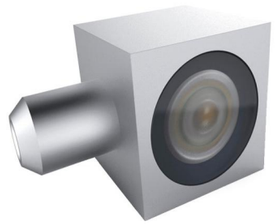
CCT Range		Optics		Controls	
3000K	3	Special angle	Z	Constant current	0
4000K	5			ON/OFF	1
6000K	8			PWM	6
RGB	D				

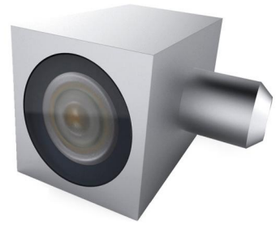
ML110 ML220

Surface Mounted
Wall Light







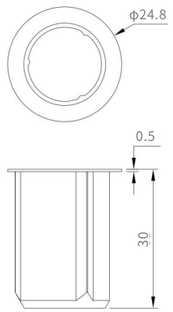


D20 IK07 IP65

F CE UK CA

SELV ETL





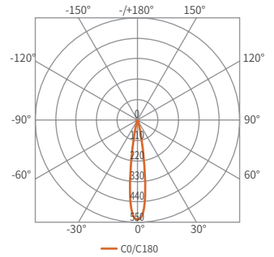
Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.15Kg
Controls: Constant Current
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP65 rated
Waterproof performance

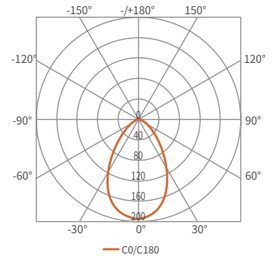
50000h
Long lifetime

ML110 1W 4000K 20°



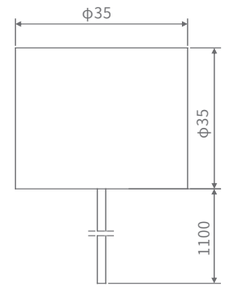
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	367.1	544.4	33.47
2	91.77	136.1	66.95
3	40.79	60.48	100.42
4	22.94	34.02	133.89
5	14.68	21.77	167.36

ML110 1W 4000K 60°

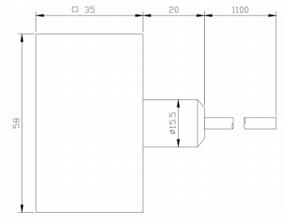


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	97.53	163.21	83.04
2	10.84	18.14	249.13
3	3.901	6.53	415.22
4	1.99	3.332	581.3
5	1.204	2.015	747.39

ML110 Unit: mm



ML220



Drill size：D20mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	130	110	Surface mounted	D1.0110 01
2	260	220	Surface mounted	D1.0220 02

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
		2W	02		

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4		
6000K	8	45°	5		
		60°	6		

EU2501

Surface Mounted
Wall Light







IP65 F CE UKCA SELV ETL

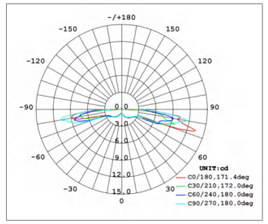
Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: PC
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.1Kg
Controls: Constant Current, ON/OFF(Non dim), DMX
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP65 rated
Waterproof performance

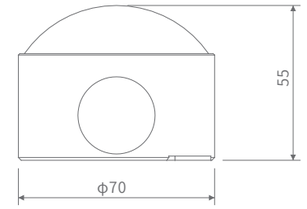
50000h
Long lifetime

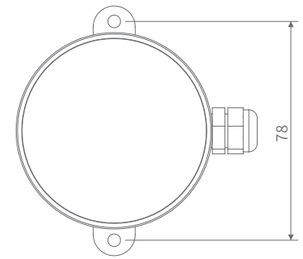
EU2501 7W 3000K

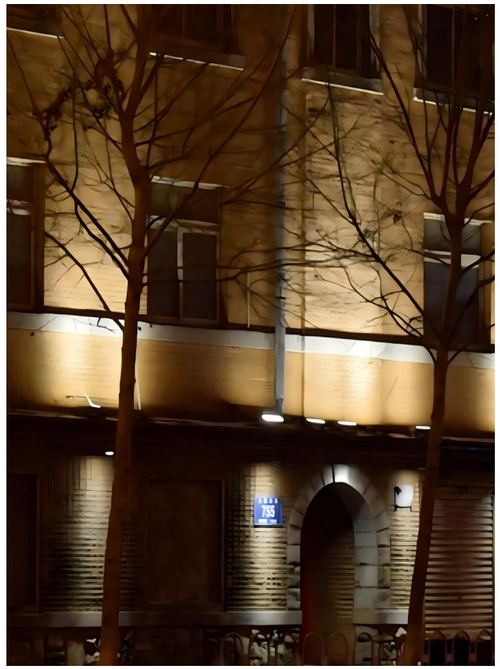


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1328	2023	225.07
2	331.9	505.7	510.15
3	147.5	224.7	765.22
4	82.98	126.4	1020.29
5	53.11	80.91	1725.36

Unit: mm







Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
7	900	750	Surface mounted	D1.2501 07

Filter Structure		Power		Input	
Regular	01	7W	07	Constant current	0
				DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	Special angle	Z	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2

EU1837

Surface Mounted
Wall Light





IP65 F CE
UK CA SELV ETL

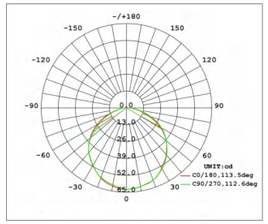
Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: PC
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.1Kg
Controls: ON/OFF(Non dim), DMX
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP65 rated
Waterproof performance

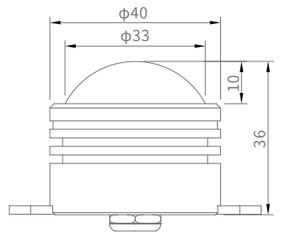
50000h
Long lifetime

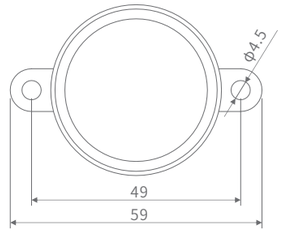
EU1837 2W 3000K 120°

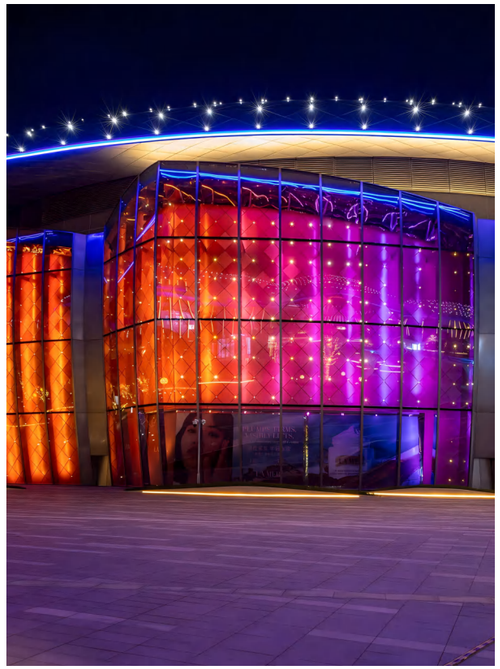


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	17.83	62.72	299.71
2	4.457	15.68	599.43
3	1.981	6.969	899.14
4	1.114	3.920	1198.86
5	0.7131	2.509	1498.57

Unit: mm







Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	140	95	Surface mounted	D1.1837 01
2	240	180	Surface mounted	D1.1837 02

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
		2W	02	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	120°	7	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
RGB	D				
RGBW	H				

GL112SJ

Recessed Wall Light





IP68 F CE UKCA SELV ETL

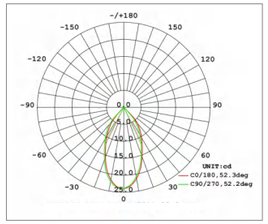
Frame+body Material: SUS316
Tempered Glass: Crystal glass+3mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.1Kg
Controls: ON/OFF(Non dim), DMX
Protection Class: IP68
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Note:The IP68 rated lamp is applicable for underwater and in-ground usage.

Please refer to pages 289-291 to choose a remote power supply.

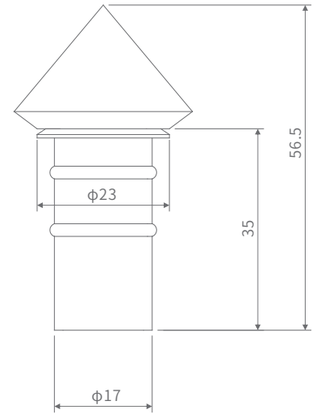
IP68 rated	SUS316	50000h
Waterproof performance	Entirely Stainless steel	Long lifetime

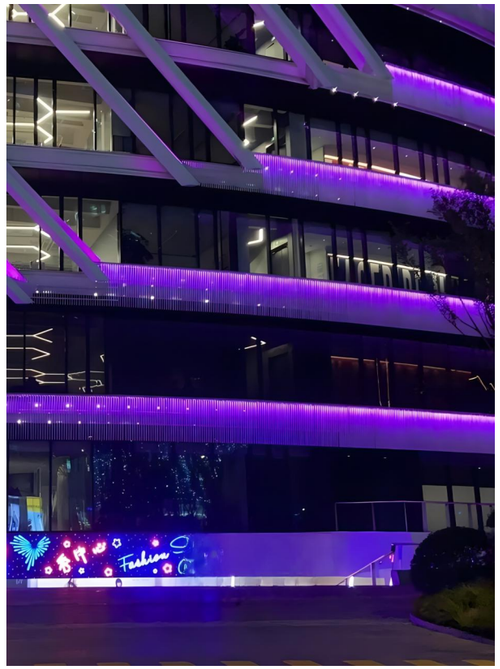
GL112SJ 1W 3000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	14.04	23.88	98.06
2	3.510	5.970	196.13
3	1.560	2.653	294.19
4	0.8774	1.492	392.25
5	0.5616	0.9551	490.32

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
0.5	65	22	Recessed	D2.0112 X5
1	120	40	Recessed	D2.0112 01

Filter Structure		Power		Input	
Regular	01	0.5W	X5	Constant current	0
Opla plate	06	1W	01	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	60°	6	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2

EU1831

Recessed Wall Light







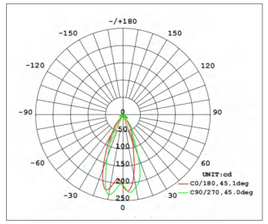
IP65 F CE UK CA SELV ETL

Frame+body Material: SUS316+Aluminium
Available finishes: Brushed, Passivated
Tempered Glass: Crystal glass+3mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.15Kg
Controls: ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

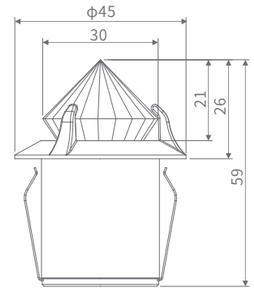
IP65 rated Waterproof performance	SUS316 Entirely Stainless steel	50000h Long lifetime

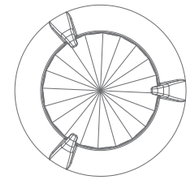
EU1831 2W 3000K 60°

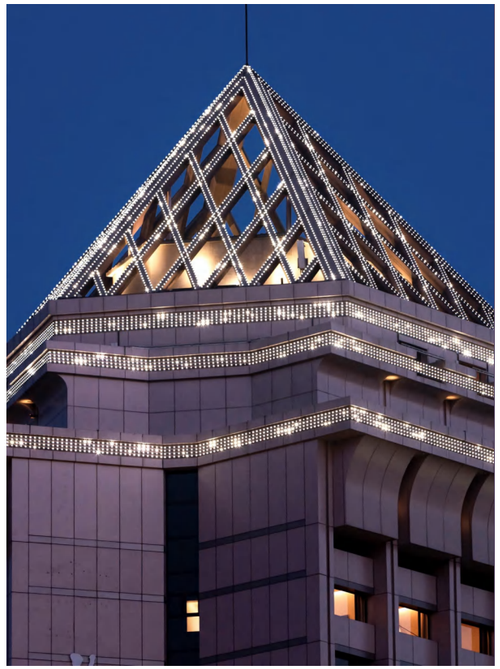


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	145.2	226.1	82.47
2	36.29	56.53	164.94
3	16.13	25.13.	247.41
4	9.073	14.13	329.88
5	5.807	9.045	412.35

Unit: mm







Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	130	110	Recessed	D1.1831 ☼ 01 ϟ ⁂ ◺ ☺
2	180	150	Recessed	D1.1831 ☼ 02 ϟ ⁂ ◺ ☺

Filter Structure ☼		Power ⏀		Input ϟ	
Regular	01	1W	01	Constant current	0
		2W	02	DC12V	1
				DC24V	2

CCT Range ⁂		Optics ◺		Controls ☺	
3000K	3	60°	6	Constant current	0
4000K	5			ON/OFF	1
6000K	8			DMX512	2
				0/1-10V	3
				PWM	6

07

Spike Light

Product Guidance

IMAGE	PRODUCT CODE	POWER	OPTICS (°)	CCT (K)	IP	PAGE
	EU5005	3	15/24	Single	65	245/246 ▶
	EU5006	7	36/50	Single	65	247/248 ▶
	EU5007	12	24/50	Single	65	249/250 ▶
	SL131	5	10/45	Single	67	251/252 ▶
	SL133	5	20/60	Single	67	253/254 ▶
	SL100	16	24/40/60	Single/ full colour	67	255/256 ▶
	EU3039-1-SP	27	15/24/36/60	Single	67	257/258 ▶
	EU5011	10	24/60	Single	67	259/260 ▶

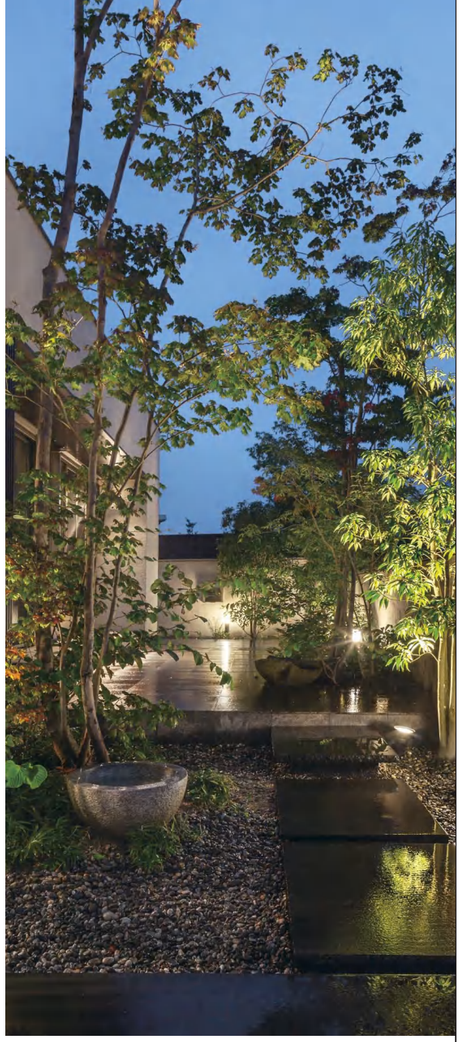
07

EURBORN

Spike Light

Eurborn Spike Light, with a variety of design styles and solid materials, can be well applied to horticulture, courtyard, walking path and landscape and other application scenarios, we for the relatively complex use of the environment, the use of waterproof, dustproof, anti-collision, temperature and UV resistance and other careful design, the selection of finest components to ensure the stability and safety of the lamp operation.

Eurborn Spike Light are easy to install, require no complex electrical wiring, are used in a wide range of scenarios, and take into account the need for high density lighting over a long period of time. We also optimize the energy saving system, and the high quality LDE light source can reduce the operating and maintenance costs. With outstanding quality and fashionable designs, they are exported to 135 countries and regions, and have been well received by users



IP67 rated
Waterproof performance

Multiple security protection

−20℃~+45℃
Ambient temperature







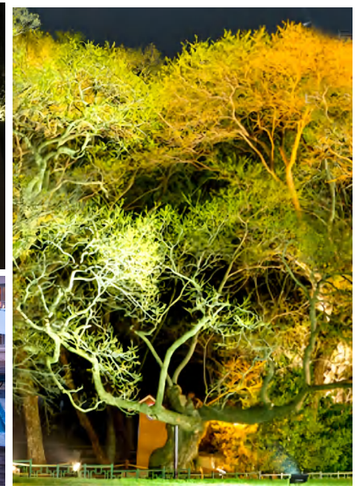
Color temperature range
1800K--6500K

- High dustproof and waterproof
- >50000hrs lifetime
- -20°C~+45°C Ambient temperature
- Surface oxidation
- ≥3M cable
- 10mm wear-resistant tempered glass
- High quality LED
- RGBW









EU5005

Spike Light





IK07 IP65 F CE UKCA SELV ETL

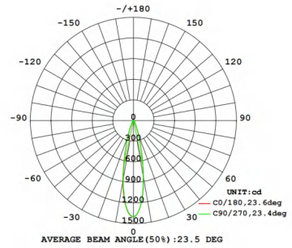
Material: Auminium
Surface Finish: Oxidation
Transparent Cover: 3mm Ultra-clear Tempered Glass
LED Brand: CREE/OSRAM/NICHIA
Power Supply: External(CC)/Driver chip on board(CV)
Mounting: Push-in Installation
Ambient Operating Temperature: -20°C ~ +45°C
Cable: Outdoor Rubber Cable, 1.1M
Unit Weight: 0.32Kg
Controls: ON/OFF(non-dimmable)、0-10V、DMX、PWM
Protection Class: IP65
Certificate: CE、RoHS、IP、ETL
(LED)Average Lifetime: 50000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP65 rated Waterproof performance

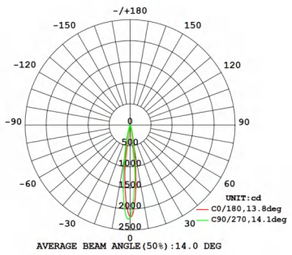
50000h Long lifetime

EU5005 3W 3000K 24°



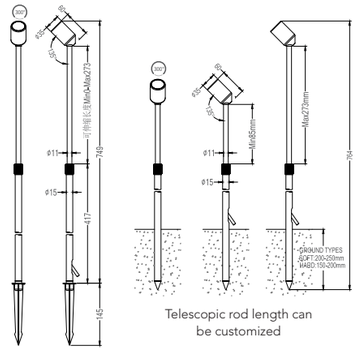
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	972.5	972.5	41.44
2	243.1	243.1	82.88
3	108.1	108.1	124.33
4	60.78	60.78	165.77
5	38.90	38.90	207.21

EU5005 2W 3000K 15 °

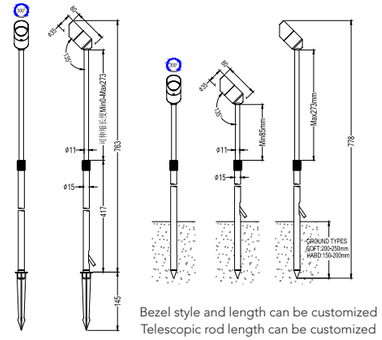


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1328	1328	18.45
2	331.9	331.9	36.9
3	147.5	147.5	55.5
4	82.9	82.9	73.8
5	53.11	53.11	92.24

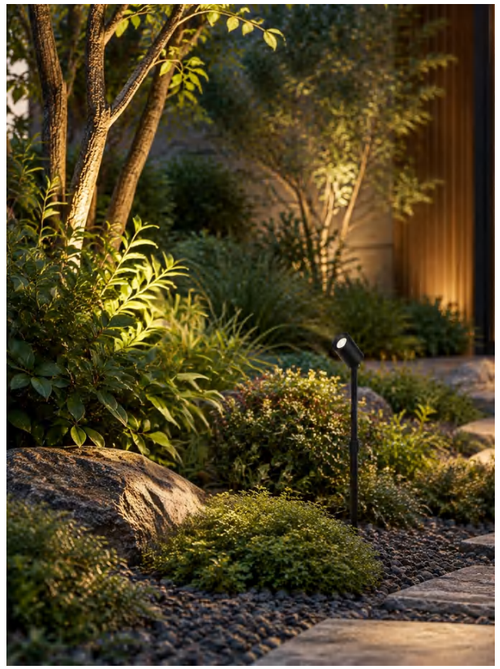
Unit: mm



Telescopic rod length can be customized



Bezel style and length can be customized
Telescopic rod length can be customized



Parameters

Power(W)	LED lumen	Delivered flux(lm)	Applications	Product Code
1	135	100	Spike Mounted	P1.5005 ☼ 01 ϟ ⁂ ◺ ☺
2	180	130	Spike Mounted	P1.5005 ☼ 02 ϟ ⁂ ◺ ☺
3	300	220	Spike Mounted	P1.5005 ☼ 03 ϟ ⁂ ◺ ☺

Filter Structure	☼	Power	⏻	Input	ϟ
Regular	01	1W	01	Constant current	0
Frosted glass	02	2W	02	DC12V	1
Anti-glare shiled	16	3W	03	DC24V	2

CCT Range	⁂	Optics	◺	Controls	☺
3000K	3	10°	1	Remote CC driver	0
4000K	5	15°	2	NO/OFF	1
6000K	8	24°	Q	DMX512	2
		36°	E	0/1-10V	3
		50°	F	PWM	6

EU5006

Spike Light





IK07 IP65 F CE UKCA SELV ETL

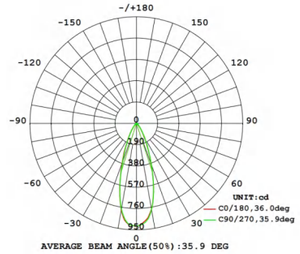
Material: Auminium
Surface Finish: Oxidation
Transparent Cover: 4mm Ultra-clear Tempered Glass
LED Brand: CREE/OSRAM/NICHIA
Power Supply: External(CC)/Driver chip on board(CV)
Mounting: Push-in Installation
Ambient Operating Temperature: -20°C ~ +45°C
Cable: Outdoor Rubber Cable, 1.1M
Unit Weight: 0.4Kg
Controls: ON/OFF(non-dimmable)、0-10V、DMX、PWM
Protection Class: IP65
Certificate: CE、RoHS、IP、ETL
(LED)Average Lifetime: 50000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP65 rated Waterproof performance

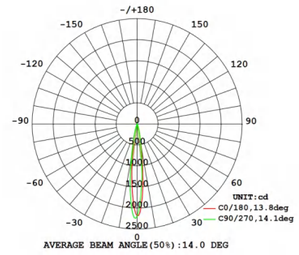
50000h Long lifetime

EU5006 5W 3000K 36°



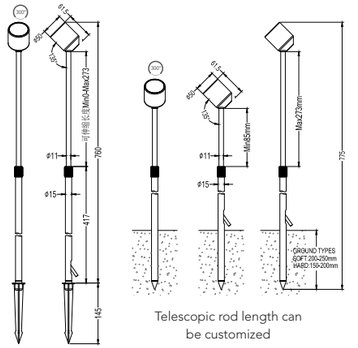
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	633.5	914.6	64.80
2	158.4	228.6	129.61
3	70.39	101.6	194.41
4	39.60	57.16	259.21
5	25.34	36.58	324.01

EU5006 7W 3000K 50°

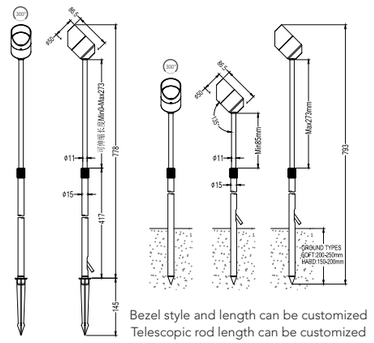


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	443.6	720.5	112.66
2	110.9	180.1	225.33
3	49.29	80.05	337.99
4	27.72	45.03	450.66
5	17.74	28.82	563.32

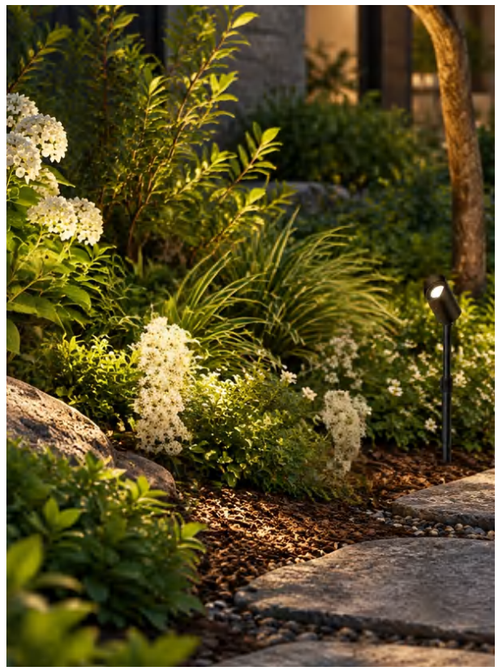
Unit: mm



Telescopic rod length can be customized



Bezel style and length can be customized
Telescopic rod length can be customized



Parameters

Power(W)	LED lumen	Delivered flux(lm)	Applications	Product Code
5	620	510	Spike Mounted	P1.5006 ☼ 05 ⚡ ◎ ◣ ☺
6	710	590	Spike Mounted	P1.5006 ☼ 06 ⚡ ◎ ◣ ☺
7	780	650	Spike Mounted	P1.5006 ☼ 07 ⚡ ◎ ◣ ☺

Filter Structure ☼		Power ⓘ		Input ⚡	
Regular	01	5W	05	Constant current	0
Frosted glass	02	6W	06	DC12V	1
Anti-glare shiled	16	7W	07	DC24V	2

CCT Range ◎		Optics ◣		Controls ☺	
3000K	3	10°	1	Remote CC driver	0
4000K	5	15°	2	NO/OFF	1
6000K	8	24°	Q	DMX512	2
		36°	E	0/1-10V	3
		50°	F	PWM	6

EU5007

Spike Light





IK07 IP65 F CE UKCA SELV ETL

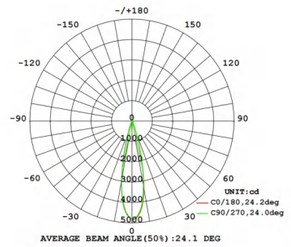
Material: Auminium
Surface Finish: Oxidation
Transparent Cover: 5mm Ultra-clear Tempered Glass
LED Brand: CREE/OSRAM/NICHIA
Power Supply: External(CC)/Driver chip on board(CV)
Mounting: Push-in Installation
Ambient Operating Temperature: -20°C ~ +45°C
Cable: Outdoor Rubber Cable, 1.1M
Unit Weight: 0.62Kg
Controls: ON/OFF(non-dimmable)、0-10V、DMX、PWM
Protection Class: IP65
Certificate: CE、RoHS、IP、ETL
(LED)Average Lifetime: 50000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP65 rated
Waterproof performance

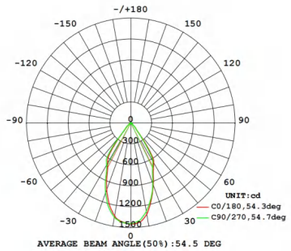
50000h
Long lifetime

EU5007 8W 3000K 24°



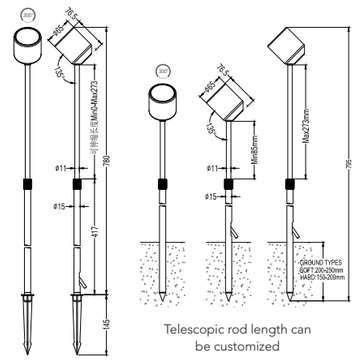
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	3275	4815	42.52
2	818.8	1204	85.04
3	363.9	535.0	127.55
4	204.7	300.9	170.07
5	131.0	192.6	212.59

EU5007 12W 3000K 50°

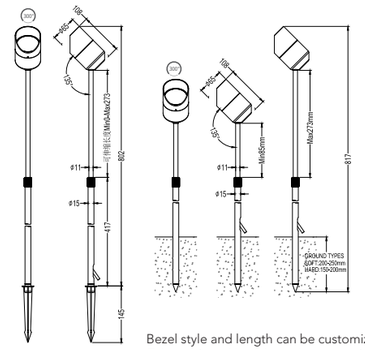


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	849.6	1448	102.59
2	212.4	362.1	205.17
3	94.40	160.9	307.76
4	53.10	90.52	410.34
5	33.98	57.93	512.93

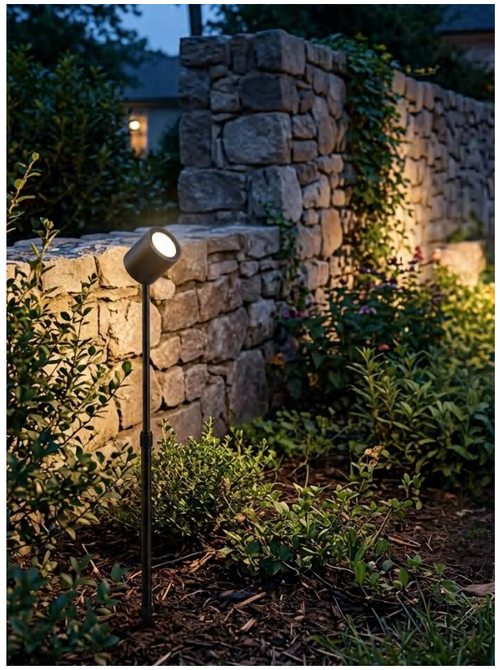
Unit: mm



Telescopic rod length can be customized



Bezel style and length can be customized
Telescopic rod length can be customized



Parameters

Power(W)	LED lumen	Delivered flux(lm)	Applications	Product Code
8	950	850	Spike Mounted	P1.5007 08
10	1120	980	Spike Mounted	P1.5007 10
12	1280	1120	Spike Mounted	P1.5007 12

Filter Structure		Power		Input	
Regular	01	8W	08	Constant current	0
Frosted glass	02	10W	10	DC24V	2
Anti-glare shiled	16	12W	12		

CCT Range		Optics		Controls	
3000K	3	10°	1	Remote CC driver	0
4000K	5	15°	2	NO/OFF	1
6000K	8	24°	Q	DMX512	2
		36°	E	0/1-10V	3
		50°	F	PWM	6

SL131

Spike Light







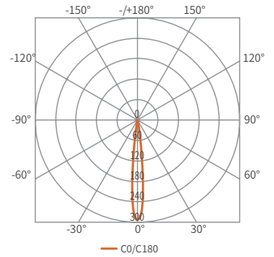
IK07 IP65 F CE UKCA SELV ETL

Frame+body Material: SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.65Kg
Controls: Constant Current, ON/OFF(Non dim)
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

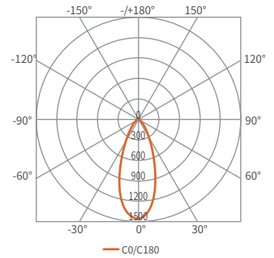
IP65 rated	SUS316	50000h
Waterproof performance	Entirely Stainless steel	Long lifetime

SL131 1W 4000K 10°



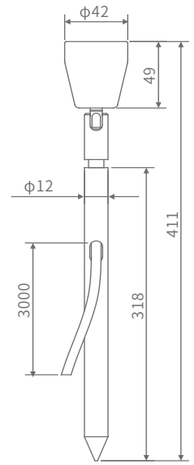
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	708.9	1342	18.41
2	177.2	335.4	36.83
3	78.77	149.1	55.24
4	44.31	83.86	73.65
5	28.36	53.67	92.07

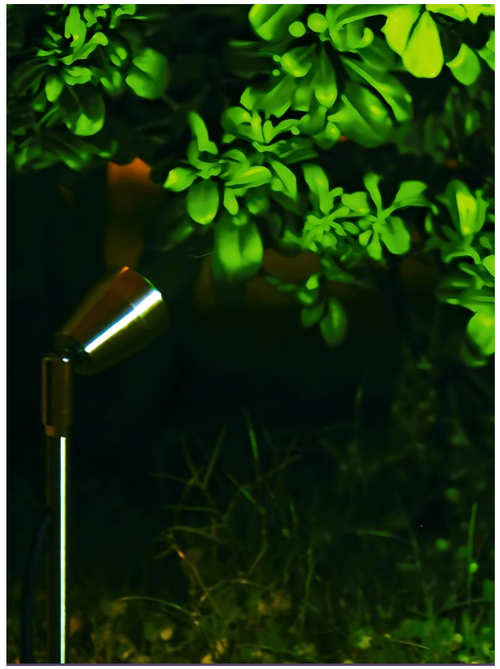
SL131 1W 4000K 45°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	177.1	273.6	52.22
2	44.29	68.41	104.43
3	19.68	30.4	156.65
4	11.07	17.1	208.87
5	7.086	10.951	261.8

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	130	110	Surface mounted	P2.0131 01
2	180	150	Surface mounted	P2.0131 02

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
		2W	02	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	10°	1	Constant current	0
4000K	5	45°	5	ON/OFF	1
6000K	8				

SL133

Spike Light





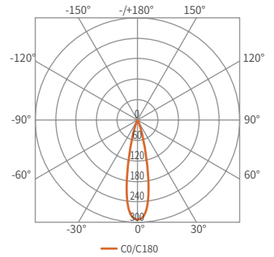
IK07 IP65 F CE UKCA SELV ETL

Frame+body Material: SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.95Kg
Controls: Constant Current, ON/OFF(Non dim)
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

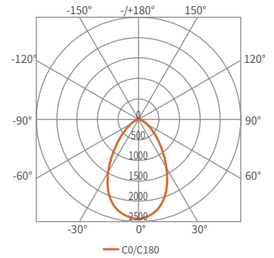
IP65 rated	SUS316	50000h
Waterproof performance	Entirely Stainless steel	Long lifetime

SL133 3W 4000K 20°



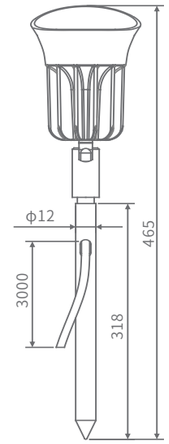
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1463	2269	25.22
2	365.7	567.2	50.43
3	162.5	252.1	75.65
4	91.43	141.8	100.86
5	58.51	90.76	126.08

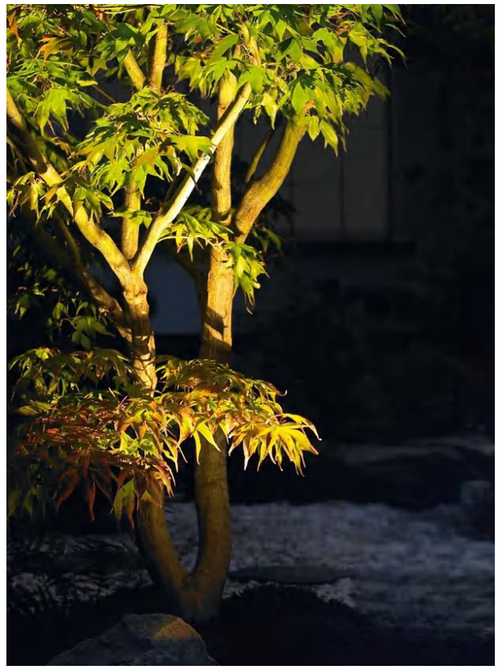
SL133 3W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	112.3	174.2	100.87
2	41.73	64.75	165.47
3	18.55	28.78	248.21
4	10.43	16.19	330.94
5	6.677	10.36	413.68

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	400	300	Surface mounted	P2.0133 03
5	530	420	Surface mounted	P2.0133 05

Filter Structure		Power		Input	
Regular	01	3W	03	Constant current	0
		5W	05	DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5		
		60°	6		

SL100

Spike Light





IK05 IP65 F CE UKCA SELV ETL

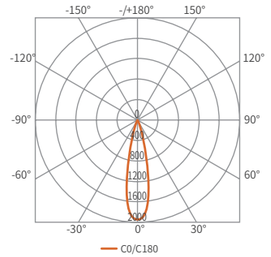
Frame+body Material: Aluminium
Available finishes: Powder Spraying
Tempered Glass: 4mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.7Kg
Controls: ON/OFF(Non dim)
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP65 rated
Waterproof performance

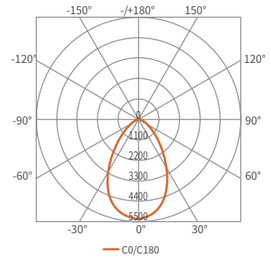
50000h
Long lifetime

SL100 16W 4000K 24°



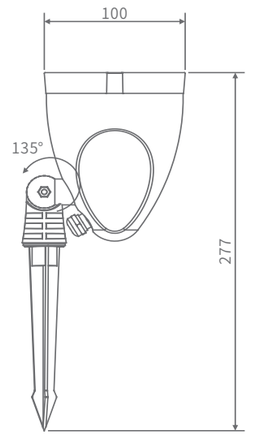
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	3661	5211	37.47
2	915.2	1303	74.94
3	406.8	579	112.41
4	228.8	325.7	149.88
5	146.4	208.4	187.35

SL100 16W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1019	1757	101.95
2	254.7	439.31	203.89
3	113.2	195.31	305.84
4	63.68	109.81	407.79
5	4076	70.291	509.74

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
16	2000	1600	Surface mounted	P1.0100 16

Filter Structure		Power		Input	
Regular	01	16W	16	Constant current	0
				DC12V	1
				DC24V	2

CCT Range		Optics		Controls	
3000K	3	24°	Q	Constant current	0
4000K	5	40°	C	ON/OFF	1
6000K	8	60°	6		

EU3039-1-SP

Spike Light







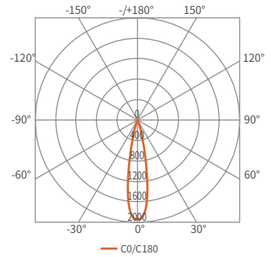
IK08 IP67 F CE UKCA SELV ETL

Frame+body Material: Aluminium
Available finishes: Powder Spraying
Tempered Glass: 10mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 1.6Kg
Controls: Constant Current, ON/OFF(Non dim)
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

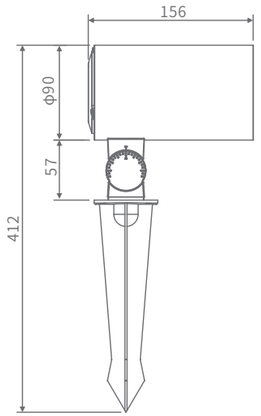
IP67 rated	50000h
Waterproof performance	Long lifetime

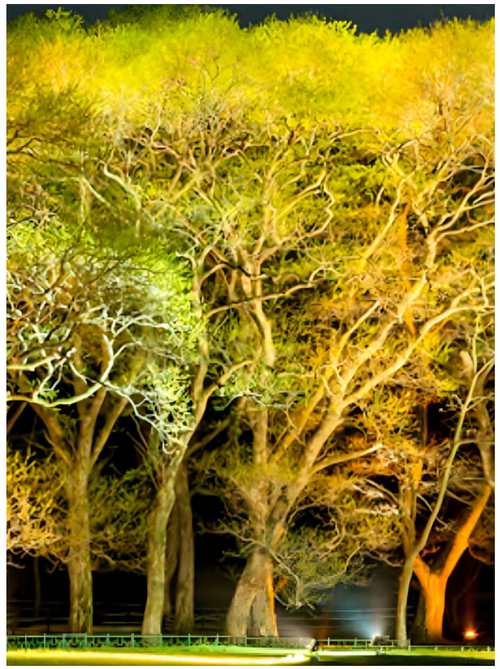
EU3039-1 18W 4000K 24°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1291	1729	76.29
2	322.7	432.2	152.57
3	143.4	192.1	228.83
4	80.67	108.1	305.15
5	51.63	69.15	381.44

Unit: mm





Parameters

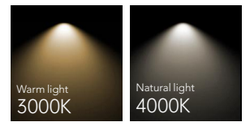
Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
12	1800	1400	Surface mounted	P1.3039 12
18	2700	2000	Surface mounted	P1.3039 18
24	3700	2700	Surface mounted	P1.3039 24
27	4150	3000	Surface mounted	P1.3039 27

Filter Structure		Power		Input	
Regular	01	12W	12	Constant current	0
Honeycomb Louvre	08	18W	18	220VAC	7
		24W	24		
		27W	27		

CCT Range		Optics		Controls	
3000K	3	15°	2	Constant current	0
4000K	5	24°	Q	ON/OFF	1
6000K	8	36°	E		
		60°	6		

EU5011

Spike Light







IK08 IP67 F CE UKCA SELV ETL

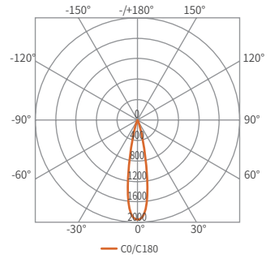
Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 5mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 3M length
Unit Weight: 0.5Kg
Controls: Constant Current, ON/OFF(Non dim), 0/1-10V, DMX, PWM
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP67 rated
Waterproof performance

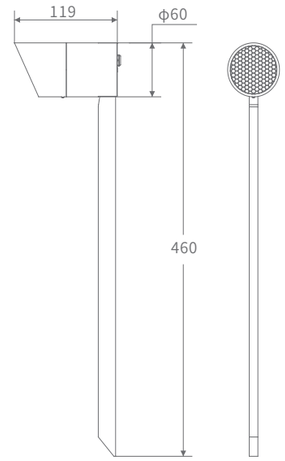
50000h
Long lifetime

EU5011 10W 4000K 24°



H(m)	Eavg(lx)	Emax(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

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
10	1100	850	Surface mounted	P1.5011 ☼10 ϟ ◔ ◣ ☺

Filter Structure	☼	Power	⏻	Input	ϟ
Regular	01	10W	10	Constant current	0
Opla plate	06			DC12V	1
Honeycomb Louvre	08			DC24V	2

CCT Range	◔	Optics	◣	Controls	☺
3000K	3	15°	2	Constant current	0
4000K	5	24°	Q	ON/OFF	1
6000K	8	36°	E	DMX512	2
		60°	6	0/1-10V	3
		120°	7	PWM	6

08

Other Light

Product Guidance

IMAGE	PRODUCT CODE	POWER	OPTICS (°)	CCT (K)	IP	PAGE
	**EU1857**	1	**20/60**	Single	67	257/258 ▶
	EU2509	12	S20 / F60	Single/ full colour	65	259/260 ▶
	ML110-L	2	20/60	Single	40	261/262 ▶
	ML102-L	2	20/60	Single	40	263/264 ▶
	LED03	3	S20/F60	Single/ full colour	**20**	265/266 ▶
	LED09	9	S20/F60	Single/ full colour	**20**	267/268 ▶

EU1857

Recessed Handrail Light





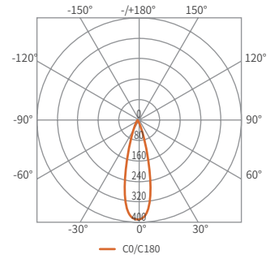
D19 IK05 IP67 F CE UK CA SELV ETL

Frame+body Material: SUS316
Available finishes: Brushed, Polished, Passivated
Tempered Glass: 3mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Recessed, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.1Kg
Controls: Constant Current, ON/OFF(Non dim)
Protection Class: IP67
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

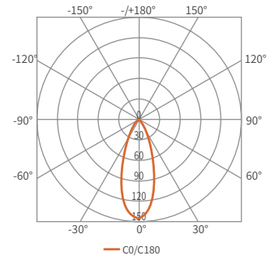
IP67 rated Waterproof performance	SUS316 Entirely Stainless steel	50000h Long lifetime

EU1857 1W 4000K 20°



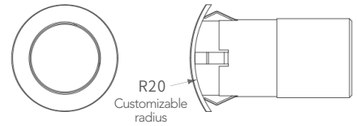
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	272.7	377	33.74
2	68.18	94.25	67.48
3	30.3	41.89	101.23
4	17.05	23.56	134.97
5	10.91	15.08	168.71

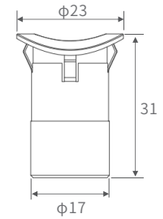
EU1857 1W 4000K 60°

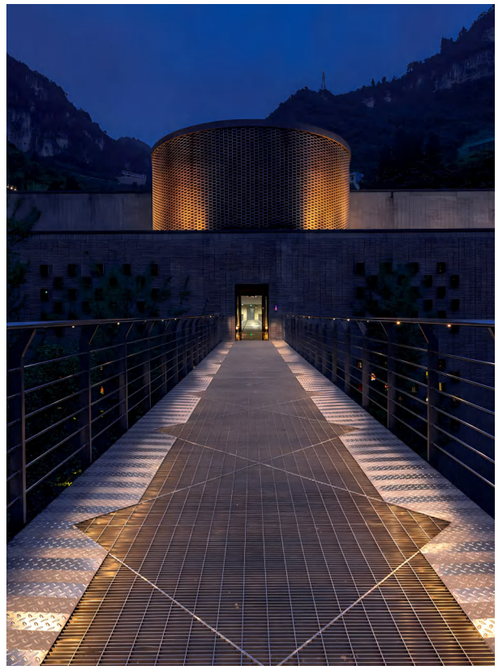


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	97.24	148.81	68.2
2	24.31	37.2	136.39
3	10.8	16.53	204.59
4	6.078	9.301	272.78
5	3.89	59.53	340.98

Unit: mm







Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	135	110	Recessed	Q2.1857 01

Filter Structure		Power		Input	
Regular	01	1W	01	Constant current	0
Frosted glass	02			DC12V	1
Opla plate	06			DC24V	2

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5		
		60°	6		
		120°	7		

EU2509

Fiber Optic Light





IK05 IP65 F CE UKCA SELV ETL

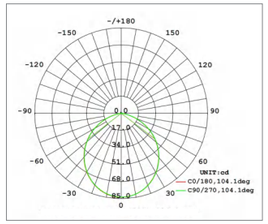
Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 5mm fiber
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)/Driver chip on board(DC)
Installation: Surface mounted, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.5Kg
Controls: ON/OFF(Non dim), DMX, 0/1-10V, PWM
Protection Class: IP65
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP65 rated
Waterproof performance

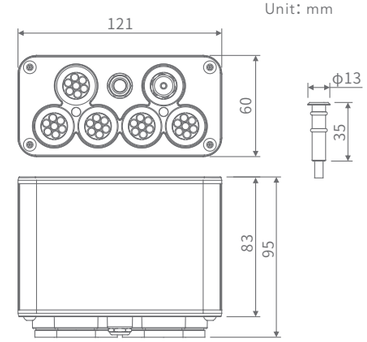
50000h
Long lifetime

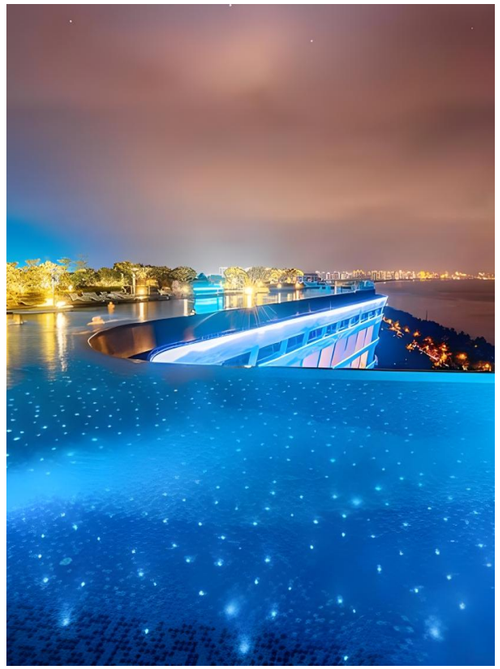
EU2509 12W 3000K 120°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	27.69	83.68	256.18
2	6.921	20.92	512.35
3	3.076	9.298	768.53
4	1.730	5.230	1024.70
5	1.107	3.347	1280.88

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
12	1450	50	Surface mounted	P1.2509 12
18	2000	75	Surface mounted	P1.2509 18

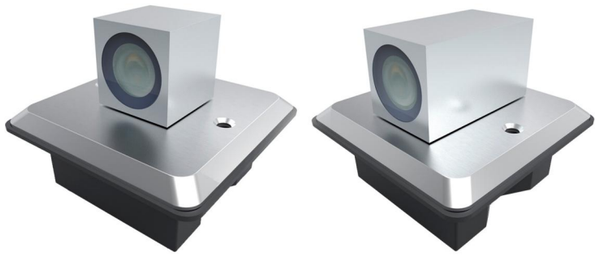
Filter Structure		Power		Input	
Regular	01	12W	12	Constant current	0
Frosted glass	02	18W	18	DC12V	1
Half shaded galss	03			DC24V	2

CCT Range		Optics		Controls	
3000K	3	120°	7	ON/OFF	1
4000K	5			DMX512	2
6000K	8			0/1-10V	3
RGB	D			PWM	6
RGBW	H				

ML110-L ML220-L

Surface Mounted Wall Light





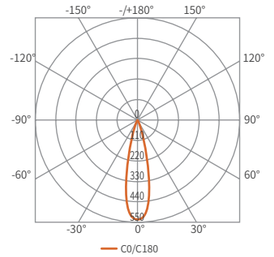
IP40 F CE UK CA SELV ETL

Frame+body Material: Aluminium
Available finishes: Anodized
Tempered Glass: 3mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: Internal
Installation: 86 box screw installation, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.2Kg
Controls: ON/OFF(Non dim)
Protection Class: IP40
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

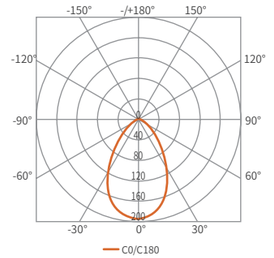
IP40 rated	50000h Long lifetime

ML110 1W 4000K 20°



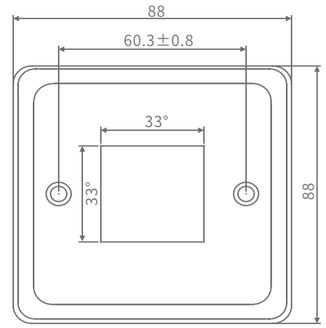
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	367.1	544.4	33.47
2	91.77	136.1	66.95
3	40.79	60.48	100.42
4	22.94	34.02	133.89
5	14.68	21.77	167.36

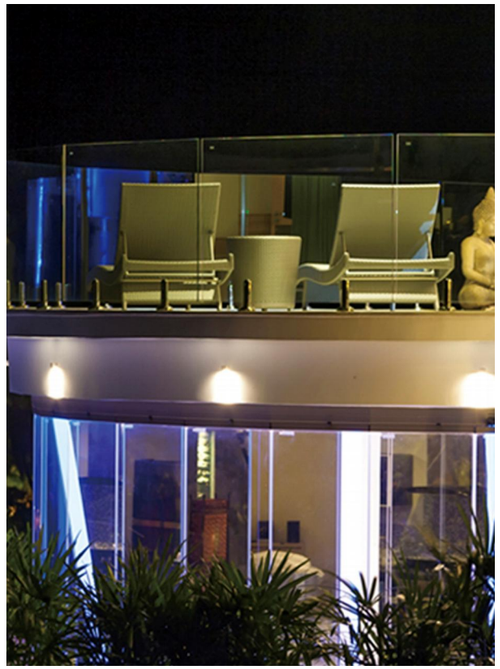
ML110 1W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	97.53	163.2	83.04
2	10.84	18.14	249.13
3	3.901	6.53	415.22
4	1990	3.332	581.3
5	1.204	2.015	747.39

Unit: mm





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	130	110	Surface mounted	Q1.0110 01
2	260	220	Surface mounted	Q1.0220 02

Filter Structure		Power		Input	
Regular	01	1W	01	220VAC	7
Frosted glass	02	2W	02		

CCT Range		Optics		Controls	
3000K	3	20°	3	ON/OFF	1
4000K	5	30°	4		
6000K	8	45°	5		
		60°	6		

ML102-L ML102-2L

Surface Mounted Wall Light





IP40 F CE UK CA SELV ETL

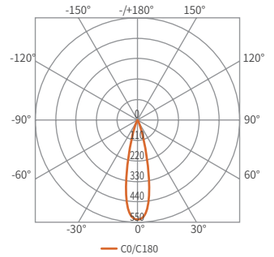
Frame+body Material: SUS316
Available finishes: Brushed, Anodized
Tempered Glass: 3mm ultra-white tempered glass
LED brand: CREE/OSRAM/NICHIA
Power Supply: Internal
Installation: 86 box screw installation, Ambient temperature -20°C~+45°C
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.25Kg
Controls: ON/OFF(Non dim)
Protection Class: IP40
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

IP40 rated	SUS316 Entirely Stainless steel	50000h Long lifetime

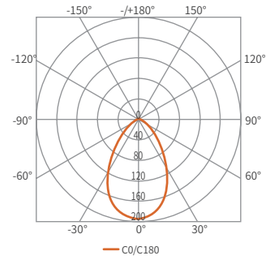
Unit: mm

ML102-L 1W 4000K 20°

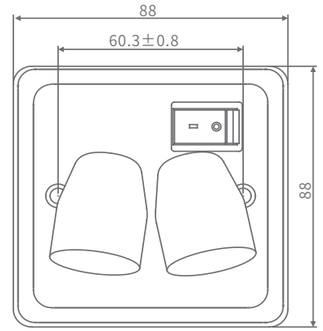


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	367.1	544.4	33.47
2	91.77	136.1	66.95
3	40.79	60.48	100.42
4	22.94	34.02	133.89
5	14.68	21.77	167.36

ML102-L 1W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	97.53	163.2	83.04
2	10.84	18.14	249.13
3	3.901	6.53	415.22
4	1990	3.332	581.3
5	1.204	2.015	747.39





Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
1	130	110	Surface mounted	Q2.0102 01
2	260	220	Surface mounted	Q2.0102 02

Filter Structure		Power		Input	
Regular	01	1W	01	220VAC	7
Frosted glass	02	2W	02		
Two Sides	39				

CCT Range		Optics		Controls	
3000K	3	20°	3	ON/OFF	1
4000K	5	30°	4		
6000K	8	45°	5		
		60°	6		

LED03

Surface Mounted
Wall Light



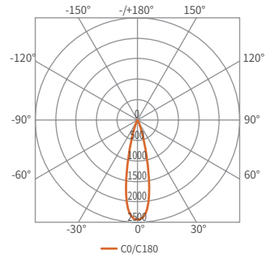


Frame+body Material: Aluminium
Available finishes: Brushed, Anodized
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)
Installation: Surface mounted, Ambient temperature -20℃~+45℃
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.1Kg
Controls: Constant Current, ON/OFF(Non dim)
Protection Class: IP20
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

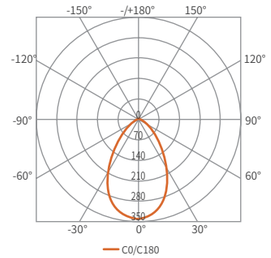
IP20 rated	50000h Long lifetime

LED03 3W 4000K 20°



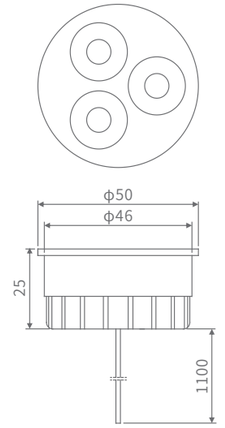
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	1417	2038	23.97
2	354.3	509.51	47.95
3	157.5	226.5	71.92
4	88.58	127.4	95.9
5	56.69	81.52	119.87

LED03 3W 4000K 60°

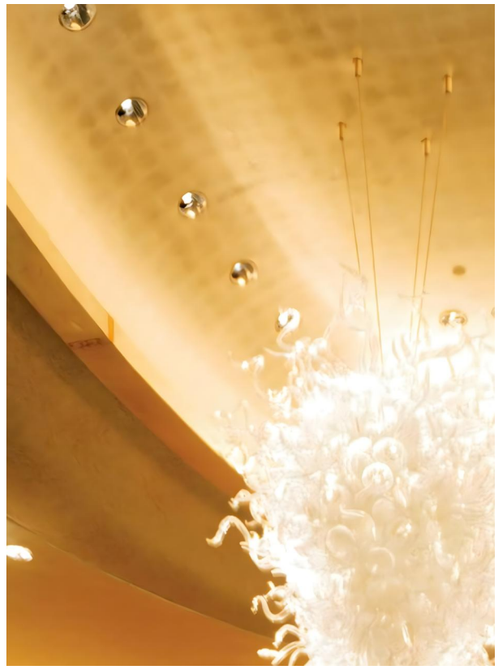


H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	142.7	216.7	81.32
2	53.02	80.52	133.04
3	23.56	35.78	200.1
4	13.26	20.13	266.79
5	8.483	12.88	333.49

Unit: mm



Drill size：D47mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
3	390	315	Surface mounted	D1.0003 03

Filter Structure		Power		Input	
Regular	01	3W	03	Constant current	0

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5		
RGB	D	60°	6		

LED09

Surface Mounted
Wall Light





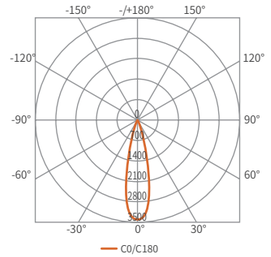
D47 IK10 IP20 F CE UK CA SELV ETL

Frame+body Material: Aluminium
Available finishes: Brushed, Anodized
LED brand: CREE/OSRAM/NICHIA
Power Supply: External (CC)
Installation: Surface mounted, Ambient temperature -20℃~+45℃
Cable: Outdoor used rubber cable, 1.1M length
Unit Weight: 0.15Kg
Controls: Constant Current, ON/OFF(Non dim)
Protection Class: IP20
Certificate: CE, RoHS, IP, ETL
(LED)Averaged Lifetime: 50,000hrs

Please refer to pages 289-291 to choose a remote power supply.

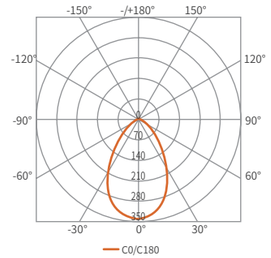
IP20 rated	50000h Long lifetime

LED09 9W 4000K 20°



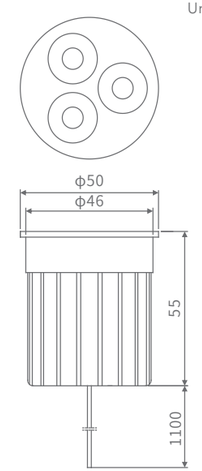
H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	2147	3134	23.57
2	536.8	783.5	47.14
3	238.6	348.2	70.7
4	134.2	195.9	94.27
5	85.59	125.4	117.84

LED09 9W 4000K 60°



H(m)	Eavg(lx)	Emax(lx)	D(cm)
1	143.5	214.31	81.96
2	53.33	79.63	134.45
3	23.7	35.39	201.67
4	13.33	19.91	268.89
5	8.532	12.741	336.11

Unit: mm



Drill size：D47mm



Parameters

Power(W)	Source flux(lm)	Delivered flux(lm)	Applications	Product Code
9	(700MA) 790	580	Surface mounted	D1.0009 09

Filter Structure		Power		Input	
Regular	01	9W	09	Constant current	0

CCT Range		Optics		Controls	
3000K	3	20°	3	Constant current	0
4000K	5	30°	4	ON/OFF	1
6000K	8	45°	5		
RGB	D	60°	6		

09

Customized

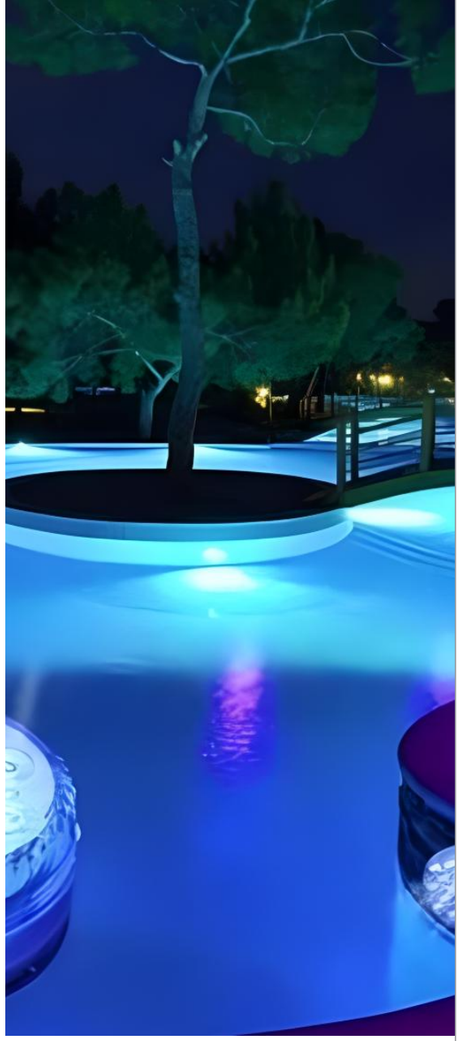
09

EURBORN

Customized

Based on 20 years of professional experience in outdoor products and architectural lighting, it allow us to provide a full range of customized products to customers around the world. We are able to meet customer special requirements for lamps in specific use environments, such as different application scenarios, appearance and structure, size and shape, performance of lamps, protection levels and other aspects of individual needs. Complete a full range of services and processes.

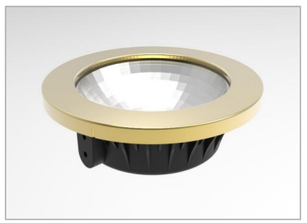
In addition, we also provide installation customization, accessories customization, intelligent customization, as well as project-based three-dimensional solutions customization services. We have the ability to provide full customization services from idea to finished product, and we are dedicated to providing high-quality and satisfactory service for global customers.



20 years
Professional experience

Accessories
customization

Intelligent
customization







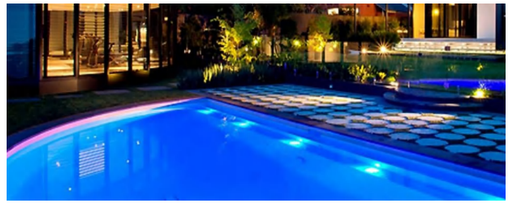








CUSTOMIZED SERVICES





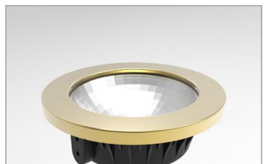
Uplighting, Cable Mounted illuminates Ceiling Canopy

Wattage: 15W
Waterproof grade: IP65
Dimension: D130*H35
Angle: 120°



Frosted Acrylic Lamps

Wattage: 1W
Waterproof grade: IP65
Dimension: 50X50X50
Angle: 180°



Wattage: 8W
Waterproof grade: IP65
Dimension: D169*H55
Angle: 60°



Marine Ceiling Light

Wattage: 8W
Waterproof grade: IP65
Dimension: D169*H55
Angle: 120°



DMX Point Light Source

Wattage: 2W
Waterproof grade: IP67
Dimension: 80*W26*H35
Angle: 120°



Wattage: 0.5W
Waterproof grade: IP65
Dimension: D28*H40
Angle: 120°



Acrylic Decorative Lamps

Wattage: 15W
Waterproof grade: IP65
Dimension: D418*H100
Angle: 120°



Acrylic Lamps

Wattage: 3W
Waterproof grade: IP68
Dimension: D82*H146
Angle: 120°



Uplighting Lamps To illuminate The Ceiling

Wattage: 10W
Waterproof grade: IP65
Dimension: D95*H223
Angle: 120°

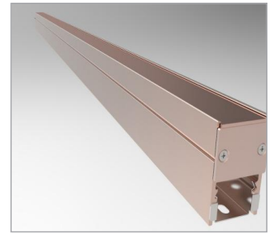


Transparent Adjustable Angle Line Light

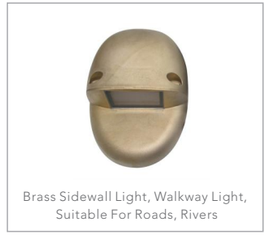
Wattage: 14W
Waterproof grade: IP65
Dimension: 1000*W40*H37
Angle: 180°



Wattage: 9W
Waterproof grade: IP67
Dimension: W150*H216
Angle: 20°/60°



Wattage: 15W
Waterproof grade: IP66
Dimension: 1000*W28*H46
Angle: 120°



Brass Sidewall Light, Walkway Light, Suitable For Roads, Rivers

Wattage: 12W
Waterproof grade: IP68
Dimension: 160XW109XH52
Angle: 20°/60°/120°



Led Dock Light, Realize The White, Blue Flash Warning

Wattage: 12W
Waterproof grade: IP67
Dimension: D160XH50
Angle: 120°



Wattage: 20W
Waterproof grade: IP65
Dimension: 110*W49*H95
Angle: 10X120°



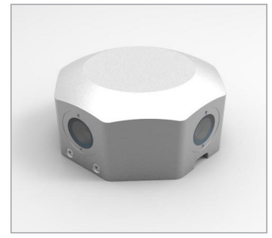
Ring-shaped Luminous Light

Wattage: 2W
Waterproof grade: IP65
Dimension: D50*H27
Angle: 120°



Led Wine Culture Light

Wattage: 8W
Waterproof grade: IP65
Dimension: 150X150X40
Angle: 120°



Wattage: 20W
Waterproof grade: IP65
Dimension: 130*130*H70
Angle: 10°



Acrylic Decorative Lamps

Wattage: 3W
Waterproof grade: IP65
Dimension: D99XH45
Angle: 360°



Compact Point Light Source

Wattage: 0.5W
Waterproof grade: IP65
Dimension: D9/D12/D17
Angle: 70°



Uplighting Lights To Illuminate The Ceiling

Wattage: 1W
Waterproof grade: IP65
Dimension: D23XH60
Angle: 40°

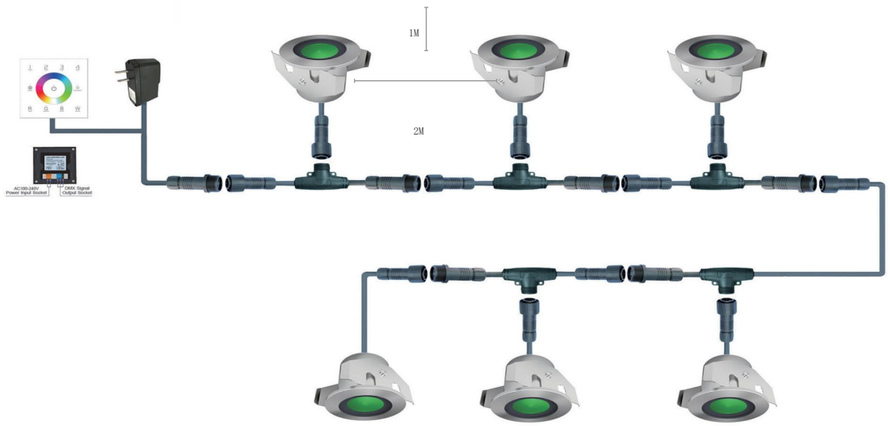
10

Accessories

System And Connection



DX8S
RGBW Touch Screen
Input Voltage: 100-240VAC
Output Signal: RF2.4G+DMX512
RF Remote Distance: 30m
Control Mode: 4-zone control









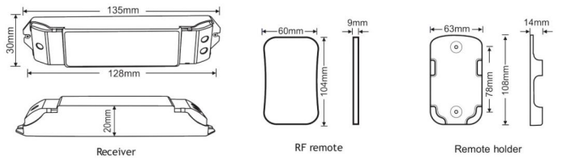
M3-3A

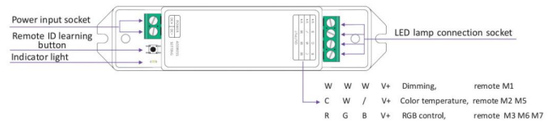
Mini M3-3A

Model: M3-3A
Power input: 12-24V DC
Maximum current load: Maximum 3Ax3CH
Maximum output power: 108W (12V) 216W (24V)
Operating temperature: -30°C-55°C
Dimensions: L135xW30xH20 (mm)
Weight (N.W.): 47g
Total Weight (Wt.): 135g



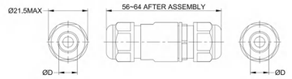
Model: M3/M6/M7
perating voltage: 3V (battery Cr2032)
Operating frequency: 433.92MHz
Distance: 30m
Operating temperature: -30°C-55°C
Dimension: L104xW58xH9 (mm)
Weight (N.W.): 42g





ACCESSORIES



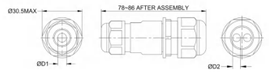


Waterproof connector

Model: KJ-PG9-07 KJ-PG9-05
Pole position: 2
Rated Operating Voltage: 250V
Rated Current: 10A
Operating Temperature: -40~85°C
Color: black
IP Rating: IP68
Waterproof Depth: 4m
Weight: 16.5g
Weight: TUV SAA CE

Accessory Model	Wire Diameter(mm)	Accessory1	Accessory2	Max Torque (kgfc.m)	Max Torque (kgfc.m)
KJ-PG9-07	5-7.9	PG9-08B	2	10.0-12.0	16.0
KJ-PG9-05	3-5.3	PG9-05B			





Waterproof connector

Model: 3T-M20-0806H2 3T-M20-1006H2
Pole position: 3
Rated Operating Voltage: 400V
Rated Current: 13A
Operating Temperature: -40~95°C
Color: Black
IP Rating: IP68
Waterproof Depth: 4m
Weight: 36g
Weight: TUV SAA CE

Accessory Model	Wire Diameter ΦD1(mm)	Wire Diameter 2xΦD2(mm)	Accessory1	Accessory2	Max Torque (kgfc.m)	Max Torque (kgfc.m)
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



Waterproof connector

Model: KJ-PG9-08
Pole position: 3
Rated Operating Voltage: 300V
Rated Current: 10A
Operating Temperature: -40~85°C
Color: Black
IP Rating: IP68
Waterproof Depth: 4m
Weight: 16.5g
Weight: TUV SAA CE

Accessory Model	Wire Diameter(mm)	Accessory1	Accessory2	Max Torque (kgfc.m)	Max Torque (kgfc.m)
KJ-PG9-08	4-8.2	KJ-PG9	3	10.0-12.0	16



Waterproof connector

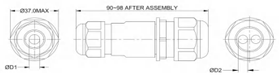
Model: WJM2/4P
Voltage: AC max 0-250V
Current: Maximum 6A
Color: Black
IP rating: IP68
Cable applicable diameter: 5-8mm
Weight: 38g
Certification: CE



Waterproof connector

Model: WJ/4P
Voltage: AC max 0-250V
Current: Maximum 10A
Color: Black
IP rating: IP68
Cable applicable diameter: 6-10mm
Weight: 94g



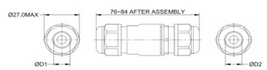


Waterproof connector

Model: 5T-M25-0806H4
5T-M25-1206H4
5T-M25-1406H4
Pole position: 3 or 4
Rated working voltage: 400V
Rated current: 32A
Operating Temperature: -40~95°C
CColor: Black
IPRating: IP68
Waterproof depth: 4 m
Weight: 65g
Approvals: TUV SAA CE

Accessory Model	Wire Diameter ΦD1(mm)	Wire Diameter 2xΦD2(mm)	Accessory1	Accessory2	Max Torque (kgfc.m)	Max Torque (kgfc.m)
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					



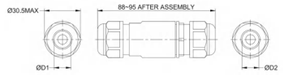


Waterproof connector

Model: KJ-M20S-07 KJ-M20S-11
KJ4-M20S-0711
KJ4-M20S-07 KJ4-M20S-11
Pole position: 3/4
Rated Operating Voltage: 400V
Rated Current: 13A
Operating Temperature: -40~95
Color: Black
IP Rating: IP68
Waterproof Depth: 4m
Weight: 30g
Weight: TUV SAA CE

Accessory Model	Wire Diameter ΦD1(mm)	Wire Diameter ΦD2(mm)	Accessory1	Accessory2	Max Torque (kgfc.m)	Max Torque (kgfc.m)
KJ-M20S-07	5-7.9	5-7.9	M20S-07	3/4	20-23	50
KJ-M20S-11	7-10.5	7-10.5	M20S-11		20-23	60
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			



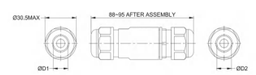


Waterproof connector

Model: KJ-M25S-08 KJ-M25S-10
KJ-M25S-12 KJ-M25S-1214
Pole position: 3/4
Rated Operating Voltage: 400V
Rated Current: 32A
Operating Temperature: -40~95=8451
Color: Black
IP Rating: IP68
Waterproof Depth: 4m
Weight: 50g
Weight: TUV SAA CE

Accessory Model	Wire Diameter ΦD1(mm)	Wire Diameter ΦD2(mm)	Accessory1	Accessory2	Max Torque (kgfc.m)	Max Torque (kgfc.m)
KJ-M25S-08	5-8.1	8-12	M25S-08	3/4	20-23	50
KJ-M25S-12	8-12	8-12	M25S-12			60
KJ-M25S-14	10-14	10-14	M25S-14			
KJ-M25S-12-14	10-14	8-12	M25S-12			



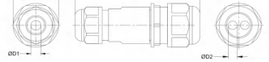


Waterproof connector

Model: KJ5-M25S-08 KJ5-M25S-10
KJ5-M25S-12 KJ5-M25S-1214
Pole position: 5
Rated Operating Voltage: 500V
Rated Current: 13A
Operating Temperature: -40~95=8451
Color: Black
IP Rating: IP68
Waterproof Depth: 4m
Weight: 50g
Weight: TUV SAA CE

Accessory Model	Wire Diameter ΦD1(mm)	Wire Diameter ΦD2(mm)	Accessory1	Accessory2	Max Torque (kgfc.m)	Max Torque (kgfc.m)
KJ-M25S-08	8-8.1	8-12	M25S-08	5	20-23	50
KJ-M25S-12	8-12	8-12	M25S-12		20-23	60
KJ-M25S-14	10-14	10-14	M25S-14			
KJ-M25S-12-14	10-14	8-12	M25S-12			



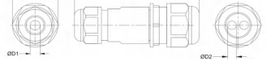


Waterproof connector

Model: 3T-M25-1208H2 3T-M25-1408H2
3T-M25-0808H2
Pole position: 3/4
Rated Operating Voltage: 400V
Rated Current: 32A
Operating Temperature: -40~95°C
Color: Black
IP Rating: IP68
Waterproof Depth: 4m
Weight: 65g
Weight: TUV SAA CE

Accessory Model	Wire Diameter ΦD1(mm)	Wire Diameter 2xΦD2(mm)	Accessory1	Accessory2	Max Torque (kgfc.m)	Max Torque (kgfc.m)
3T-M25-1208H2	8-12	5.0-8.3	M25-H2-08	3/4	20-23	50
3T-M25-1408H2	10-14				20-28	60
3T-M25-0808H2	5-8.1					



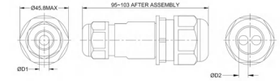


Waterproof connector

Model: 4T-M25-0808H3 4T-M25-1208H3
4T-M25-1408H3
Pole position: 3/4
Rated Operating Voltage: 400V
Rated Current: 32A
Operating Temperature: -40~95°C
Color: Black
IP Rating: IP68
Waterproof Depth: 4m
Weight: 65g
Weight: TUV SAA CE

Accessory Model	Wire Diameter ΦD1(mm)	Wire Diameter 2xΦD2(mm)	Accessory1	Accessory2	Max Torque (kgfc.m)	Max Torque (kgfc.m)
4T-M25-0808H3	5-8.1	5.0-8.0	M25-H3-08	3/4	20-23	50
4T-M25-1208H3	8-12				20-28	60
4T-M25-1408H3	10-14					



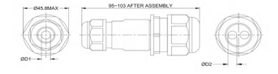


Waterproof connector

Model: 3T-M32-1211H2 3T-M32-1411H2
Pole position: 3/4
Rated Operating Voltage: 400V
Rated Current: 32A
Operating Temperature: -40~95°C
Color: Black
IP Rating: IP68
Waterproof Depth: 4m
Weight: 65g
Weight: TUV SAA CE

Accessory Model	Wire Diameter ΦD1(mm)	Wire Diameter 2xΦD2(mm)	Accessory1	Accessory2	Max Torque (kgfc.m)	Max Torque (kgfc.m)
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





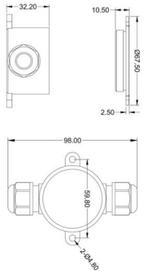
Waterproof connector

Model: 4T-M32-1201H2 4T-M32-1408H3
Pole position: 3/4
Rated Operating Voltage: 400V
Rated Current: 32A
Operating Temperature: -40~95°C
Color: Black
IP Rating: IP68
Waterproof Depth: 4m
Weight: 80g
Weight: TUV SAA CE

Accessory Model	Wire Diameter ΦD1(mm)	Wire Diameter 2xΦD2(mm)	Accessory1	Accessory2	Max Torque (kgfc.m)	Max Torque (kgfc.m)
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

ACCESSORIES



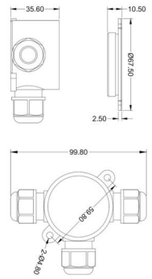


Name: Junction Box
Model: EIP68-1A EIP68-1B
EIP68-1C
Color: Black

IP Rating: IP68
Waterproof depth: 4 m
Weight: 45g
Approval: ROHS

Specification	Incoming Wires	Outgoing Wire	Internal Size
EIP68-1A	1xΦ7.0-10.5	1xΦ7-10.5	Φ45x30mm
EIP68-1B	1xΦ5.0-8.0	1xΦ5-8.0	
EIP68-1C	1xΦ7.0-10.5	1xΦ7-8.0	



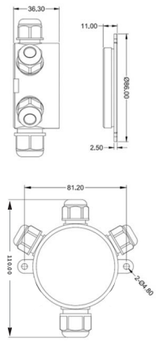


Name: Junction Box
Model: EIP68-2A EIP68-2B
EIP68-2C
Color: Black

IP Rating: IP68
Waterproof depth: 4 m
Weight: 53g
Approval: ROHS

Specification	Incoming Wires	Outgoing Wire	Internal Size
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	



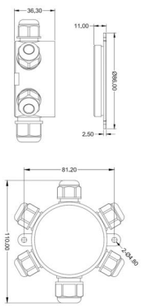


Name: Junction Box
Model: EIP68-3A EIP68-3B
EIP68-3C EIP68-3D
Color: Black

IP Rating: IP68
Waterproof depth: 4 m
Weight: 65g
Approval: ROHS

Specification	Incoming Wires	Outgoing Wire	Internal Size
EIP68-3A	1xΦ7.0-10.5	3xΦ7-7.9	Φ55x34mm
EIP68-3B	1xΦ5.0-8.0	3xΦ5-8.3	
EIP68-3C	1xΦ7.0-10.5	3xΦ7-7.9	
EIP68-3D	1xΦ7.0-10.5	3xΦ7-8.3	





Name: Junction Box
Model: EIP68-5A EIP68-5B
EIP68-5C EIP68-5D
Color: Black

IP Rating: IP68
Waterproof depth: 4 m
Weight: 78g
Approval: ROHS

Specification	Incoming Wires	Outgoing Wire	Internal Size
EIP68-5A	1xΦ7.0-10.5	5xΦ5.0-7.9	Φ62.5x34mm
EIP68-5B	1xΦ7.0-10.5	5xΦ5.05-8.3	
EIP68-5C	1xΦ5.0-8.0	5xΦ5.0-7.9	
EIP68-5D	1xΦ5.0-10.5	5xΦ5.0-8.3	



FQ16-2P waterproof extended line

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

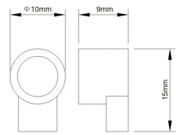


Waterproof connection plug

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





Parallel T type three way
Waterproof plug connector 2P/4P

Model: 3T
Input: 300V max
Rated Current: 13A
IP Rating: IP67
Applicable Diameterof Cables: 5---9mm
Insulator material: Nylon
Connection: screw type

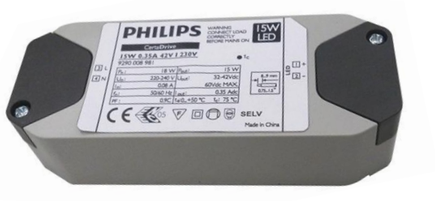


Model: M20B-2P Tee Waterproof Connector
M20B-2PWaterproof plug
Approbations: CE
Current: 15A max
Colour: Black
IP Rating: IP67

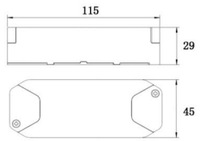


Model: M20B-4P Tee Waterproof Connector
M20B-4PWaterproof plug
Approbations: CE
Current: 12A max
Colour: Black
IP Rating: IP67

ACCESSORIES



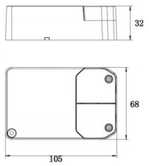
CertaDrive 15W 0.35A 42V



LED type: High power LED15W
Supply Voltage: 220~240VAC
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
Temperature range: 0°C~+50°C
Tc=75°C
Dimension: 115×45×29mm



CertaDrive 25W 0.6A 42V



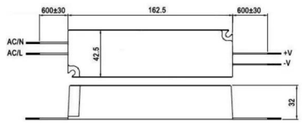
LED type: High power LED25W
Supply Voltage: 220~240VAC
Supply current: 0.14A
Frequency: 50/60Hz
Power factor: ≥0.9
Constant output current: 600mA
Rated output power: 20~25W
Rated output voltage: 32~42V DC
Temperature range: 0°C~+50°C
Tc=75°C
Dimension: 105×68×32mm



DE-60-12W

Input: 230/240VAC 50Hz
Standard: EN61558-1EN61558-2-6
Approval: Europe, UK, South Africa
Dimensions: 102 x 64 x 74 mm
Weight: 1450g

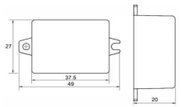




LPV-60-24

Supply Voltage: 100~240VAC
Supply current: Max1200mA
Frequency: 50/60Hz
Power factor: 0.9
Constant output current: 2500mA
Rated output power: 60W
Rated output voltage: 24VDC
Temperature range: -30°C~+70°C
Tc=80°C
Dimension: 162.5X42.5X32mm

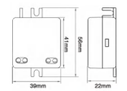




LSC4W350LRP UNI

LED type: High power LED1W x3.3W
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: 2.7~9.5V DC
Temperature range: -20°C~+50°C
Tc=80°C
Dimension: 49×27×20mm





LSC6W350

LED type: LED 1W x 3-6
Supply Voltage: 100~240VAC
Supply current: 36mA
Frequency: 50/60Hz
Power factor: 0.9
Constant output current: 350mA
Rated output power: 3-6W
Rated output voltage: 8.6~18VDC
Temperature range: -20°C~+50°C
Tc=80°C
Dimension: 55.5×38.5×22mm





LSC9W350-Z

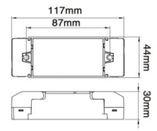
LED type: LED 1W x 3-6
Supply Voltage: 100~240VAC
Supply current: Max130mA
Frequency: 50/60Hz
Power factor: 0.9
Constant output current: 350mA
Rated output power: 6-9W
Rated output voltage: 17.1~25.7VDC
Temperature range: -20°C~+50°C
Tc=80°C
Dimension: 65×39×20mm



APC-35-350

LED type: LED 1W x 10-35
Supply Voltage: 100~240VAC
Supply current: Max500mA
Frequency: 50/60Hz
Power factor: 0.84
Constant output current: 350mA
Rated output power: 10~35W
Rated output voltage: 28~100VDC
Temperature range: -30°C~+70°C
Tc=80°C
Dimension: 84×57×29.5mm
Weight: 150g

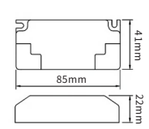




LBC20W350-Z

LED type: LED 1W x 13-20
Supply Voltage: 100~240VAC
Supply current: Max245mA
Frequency: 50/60Hz
Power factor: 0.9
Constant output current: 350mA
Rated output power: 13~20W
Rated output voltage: 35~58VDC
Temperature range: -20°C~+50°C
Tc=85°C
Dimension: 117×44×30mm





LMC15W350-Z

LED type: LED 1W x 10-15
Supply Voltage: 220~240VAC
Supply current: Max95mA
Frequency: 50/60Hz
Power factor: 0.9
Constant output current: 350mA
Rated output power: 9.1-15W
Rated output voltage: 26~43VDC
Temperature range: -20°C~+50°C
Tc=80°C
Dimension: 85×41×22mm

ACCESSORIES

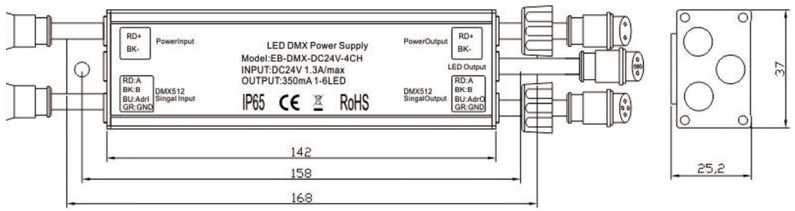


EU-DMX-DC24V-6X1W-4CH
LED DMX Power Supply

Input Voltage: DC24V
Output Current: 350mA/CH*4CH
Output Power: 1-6W*4CH
Driving Quantity: 1-6 High Power LEDx4CH
350mA: 1-6 High Power 1W LED

EU-DMX-12X1W-4CH
LED DMX Power Supply

Input Voltage: DC48V
Output Current: 350mA/CH*4CH
Output Power: 10-12W*4CH
Driving Quantity: 10-12 High Power LEDx4CH
350mA: 1-6 High Power 1W LED







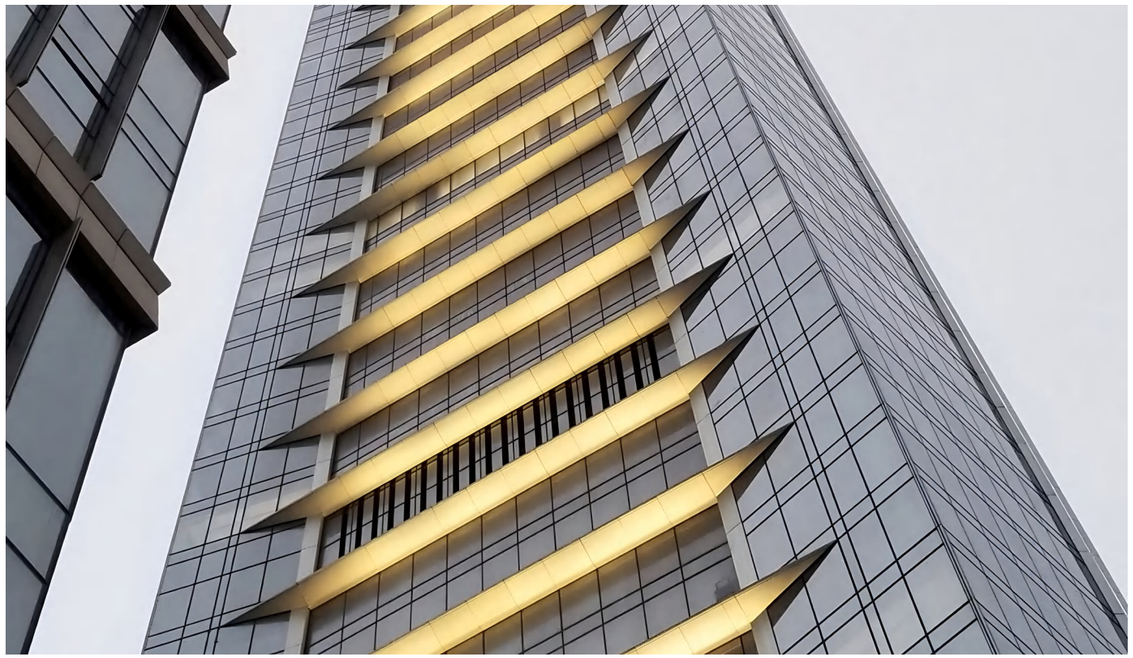
MR-502DMX Controller

Input voltage: AC12V/DC7.5-24V/DC5V
Rated power: 2W
Weight: 0.6KG
Size: 190x96x32
1. 32-65536 levels of grayscale control, which can truly restore the image color and details.
2. Adopt key to set controller parameters quickly, such as driver chip type, controller number, program segment, playback speed, fixture brightness.
3. Support remote control to set controller parameters, such as driver chip type, controller number, program segment, playback speed and frame skipping frequency, fixture brightness and switch-on/off time.
4. Support SD card to store the animation data, convenient and quick.
5. Program segments can be set independently of the year, month, day, time and week timer playback.
6. The controller output has 2 ports SPI signal output and 2 ports DMX512 signal output.
7. Support for MR-DMXO5, DMX512AP.UCS512 and other DMX512 decoder chip addressing function.
8. Between the controller to support AC frequency synchronization, synchronous line synchronization, and other synchronization methods.

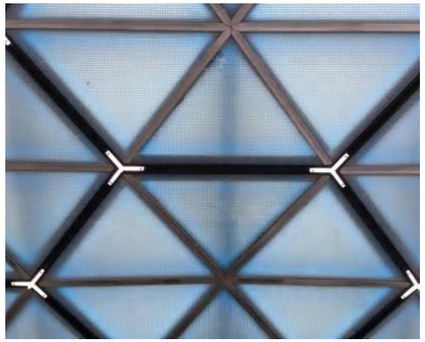
MR-DL11DMX Controller

Output Interface: Synchronous serial shift data signal × 1, compatible with DMX512 signal × 1
Gray scale level: 256 level-65536 level
Input voltage: AC12V/DC7V-32V/DC5V
Rated power: 2W
SD card capacity: 8GB (factory standard)
Monoblock size: 147.0mm×70.6mm×26.6mm
Interface form: 3Pin terminal × 34Pin terminal × 2
1. 32-65536 levels of grayscale control, which can truly restore the image color and details;
2. Using buttons to quickly set the controller parameters, such as program segments, playback speed;
3. Support SD card to store animation data, convenient and fast;
4. Controller output with 1 port SPI signal output and 1 port DMX512 signal output (can be output at the same time);
5. A variety of driver chip control integration, through the software settings to change the chip type, clock frequency, duty cycle, gray level and other parameters;
6. Support for AC frequency synchronization between controllers;
7. Support for most of the serial drive LED driver chip
8. Support for the standard USITTDMX512/1990 universal protocol and

PROJECT







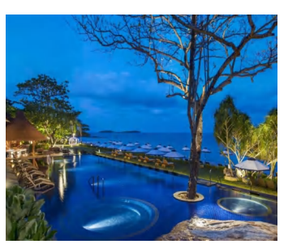


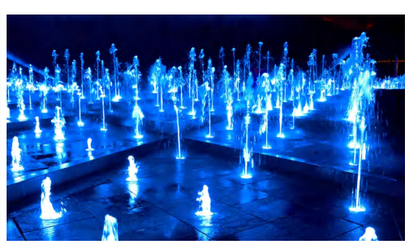
PROJECT

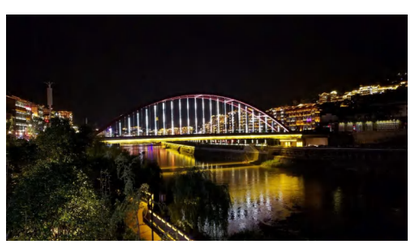


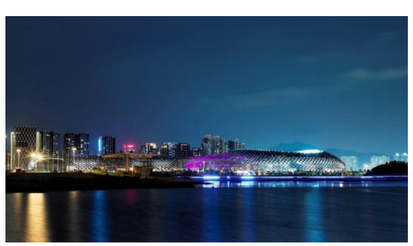






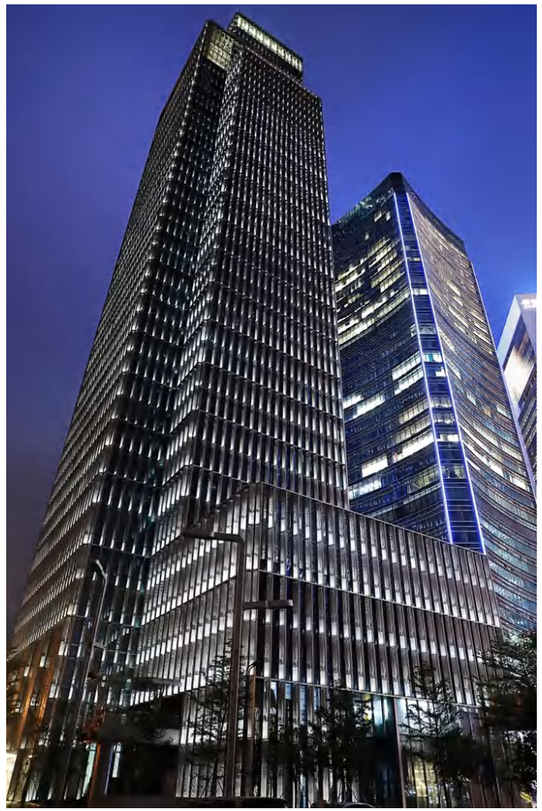


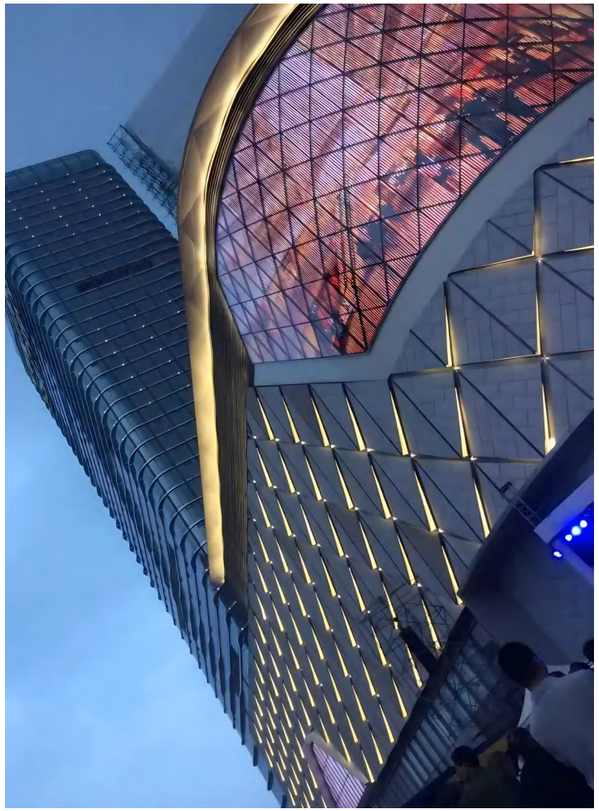




EURBORN
Accessories

PROJECT







SUMMARY OF SELECTED PROJECT CASES

InterContinental Beijing Sanlitun

Beijing Zhaolong Hotel

Diaoyutai State Guesthouse Beijing

Beijing Lize Ping An Center

Beijing Guomao Apartment

Beijing Tongrentang River

Beijing Chengde Museum

Ningbo Taipingbird Apparel Headquarters Building

Xi'an Happy Valley

Shanghai Sheshan East Purple Garden

Xi'an Financial Center

Universal Studios Beijing Noggin Hotel

Beijing Jiuzhang Villa

China Pavilion and Yunnan Pavilion of Beijing Garden Expo

Beijing Fangheng II

JW Marriott Hotel Jinan

Shandong Rongcheng Children's Palace

Shanghai Fengxian Fish

Xi'an Vanke Daming Palace

Xi'an Risley Hotel

Henan Jianye Plaza

Wuhan Two Rivers and Four Banks

Moutai Town, Guizhou

Sanya Joy City

Shenzhen Nantou Ancient City

China Merchants Plaza, She Huan, Shenzhen

Hainan Evergrande Sea Flower Island

Shenzhen Happy Coast

Shenzhen Qianhai Excellence

Shenzhen Excellence Center

Guangzhou East Tower

Fairmont Wuhan

Shenyang Longxiang International Landscape Lighting

Guangxi Nanning China Resources Times Square

Shenzhen Kerry Qianhai Sanya Haitang Bay

Hengqin, Panyu Changlong

Shenzhen Donghai Center

Shenzhen Grand Parkway

Tencent Marina Tower

Nine Elegant Villas, Shenzhen

ANNEXES

All LEDs must be powered by constant current supplies.

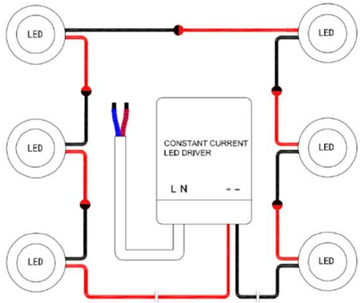
This implicates the need for an electric/ electronic circuit to be able to stabilise the current needed by the LEDS to function properly without altering its working life or performance levels.

Eurborn has decided to develop two different LED module families: constant current (CCM) led modules and constant voltage (CVM) led modules.

The main differences consist of:

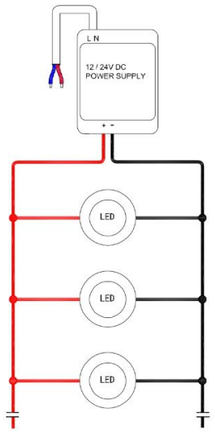
CCM Modules:

- CCM modules must be connected in series.
- All the modules must be powered by the same electrical current.
- The number of LEDs to be connected in series must be known in order to size the power supply unit and to the drive current value.



CVM Modules:

- The CVM modules can be connected in parallel as LEDs have a built-in voltage-current electronic conversion system.
- They can often be powered by different power supply voltages (12Vdc and 24Vdc)
- The voltage that the module accepts and the overall output power required must be known in order to size the power supply unit.



Eurborn has launched its light control power supply units on the market for both CCM and CVM technologies.

The differences between CCM & CVM:

CCM:

- External constant current power supply has more flexible options, can be adapted to a variety of dimming modes and RGB control.
- The output current of the constant current power supply must be consistent with the rated current of the lamps, and all lamps must be connected in series.
- The maximum output voltage of the constant-current power supply must be greater than the sum of the Vf values of all connected lamps (the voltage drop needs to be reasonably considered based on the site installation).
- It is strictly prohibited to connect LED lamps when the constant current power supply is on, which will cause damage to the lamps and the warranty will be immediately expired

CVM:

- Through the internal electronic circuit, the lamp can be adapted to the constant voltage power supply, and the installation and wiring will be easier.
- The output voltage of the constant voltage power supply must be consistent with the rated voltage of the lamps, and all lamps must be in parallel.
- The maximum output power of the constant voltage power supply must be greater than the sum of the power of all connected lamps (the voltage drop needs to be reasonably considered based on the site installation). In general, Eurborn recommends that the power supply is 1.35 times of the sum of the power of the lamps.
- Eurborn has also developed a family of built-in modules that can be used to control the LED world with systems such as DMX, DALI, PWM, 0-10V. It allows all the built-in modules can be connected to a variety of standard controllers.
- It is strictly prohibited to connect LED lamps when the constant voltage power supply is on, which will cause damage to the lamps and the warranty will be immediately expired

Ingress protection (IP) ratings guide

IP ratings are represented by combining the first and second digits of the below columns

1st numeral - solid foreign objects

0	No protection
1	Protected against solid foreign objects of 50 mm ∅ and greater
2	Protected against solid foreign objects of 12,5 mm ∅ and greater
3	Protected against solid foreign objects of 2,5 mm ∅ and greater
4	Protected against solid foreign objects of 1.0 mm ∅ and greater
5	Dust-protected
6	Dust-tight

Example: + → IP65 → Protected against water jets; Dust-tight

2nd numeral - water

0	No protection
1	Protected against vertically falling water drops
2	Protected against vertically falling water drops when enclosure tilted up to 15°
3	Protected against spraying water
4	Protected against splashing water
5	Protected against water jets
6	Protected against powerful water jets
7	Protected against the effects of temporary immersion in water
8	Protected against the effects of continuous immersion in water
9	Protected against high pressure and temperature water jets

	Vertically falling drops shall have no harmful effects
	Vertically falling drops shall have no harmful effects when the enclosure is tilted at any angle upto1 5° on either side of the vertical
	Water sprayed at an angle up to 60° on either side of the vertical shall have no harmful effects
	Water splashed against the enclosure from any direction shall have no harmful effects
	Water projected in jets against the enclosure from any directions shall have no harmful effects
	Water projected in powerful jets against the enclosure from any direction shall have no harmful effects
	Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is temporarily immersed in water under standardized conditions of pressure and time
	Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is continuously immersed in water under conditions which shall be agreed between manufacturer and user but which are more severe than for numeral 7
	Water projected at high pressure and high temperature against the