

With our exclusive lights to make a high-grade world.

2025-2026 Catalogue V2.0



Joyful Partner®

JOYFUL LAMP COMPANY LIMITED

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JOYFUL LAMP COMPANY LIMITED

Our brands:



IP test reports:



Certificate:





Joyful Lamp Company Limited (J&P Lighting) is located in Dongguan City, Guangdong Province, China. This is the professional LED lighting manufacturer and specialized in this field for more than 10 years, especially the LED outdoor lighting such as underwater lights, pool lights, Underground lights, garden lights and wall lights

Joyful Lamp was established in 2006, has now developed into a mature team, Covers an area of 2000 square meters and annual sales of nearly \$ 10 million After 8 years of effort , we get CE, ROHS, LVD, UL, IP65, P67, IP68 certificate.

Our philosophy :














Joyful Lamp company's customer service tenet is "clients are always the first ." We put in time every need of our clients from all aspects into our consideration and serve it with our most professional ability . 16-years manufacturing experience is the guarantee to provide you our best products and service.

Welcome you to joining and investment !

Joyful Lamp Company Limited--the excellent and reliable partner of you !



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IP65
OUTDOOR RATED



Recessed Wall Light & Stair Light



Recessed LED Stair Light/LED Step Light



1QR0101/H
1QS0101

- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- Customized Colors

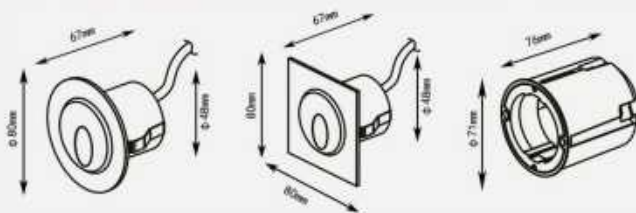


Housing color option

- Grey painting RAL9007
- Silver painting RAL9006
- Mat black RAL9005
- Customized Colors

Outer Dimensions

Unit:mm



Item No.	light source	Lens beam angle(°)	Consumption (watt)	Input Voltage (V)	Life rate
1QR0101 1QS0101	1*1W	60°	1.1	DC12V/DC24V	10
1QR0101H 1QS0101H	1*1W	60°	1.3	AC100-240V	10
1QR0102 1QS0102	1*2W	60°	2.5	DC12V/DC24V	10
1QR0102H 1QS0102H	1*3W	60°	3.3	AC100-240V	10
1QR0107 1QS0107	1*0.5W	60°	0.5	AC100-240V DC12V/DC24V	10



1QS0101/H
1QS0102/H

- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- Customized Colors



Installation with clips directly



Wall recessed



plastic mounting sleeve

Material specifications

Housing	ADC12#Die-casting powder coated aluminum
Glass	Tempered glass, T=2mm
Lens	Optical lens, efficiency>85%
Cable gland	M12 nickel coated copper
Gasket	Tooling shaped seal
LED	Epistar or CREE power LED, Ra>80
PCB	Excellent heat conductivity aluminum, coefficient of Heat Conductivity>2.0w/mk
Driver	-20°C ~40°C
Operating temperature:	Constant current output single color LED=1-circuit output
Power cable:	H05RN-F 2*0.75mm ² L=0.3m(low voltage) H05RN-F 3*0.75mm ² L=0.3m(high voltage)



Recessed LED Stair Light/LED Step Light



1SR0101/H
1SR0102/H



1SR0101AR/H
1SR0102AR/H



1SS0101/H
1SS0102/H



- LED Colour Temperature: ● Customized Colors
- 2700K • 3000K
 - 4000K • 6000K

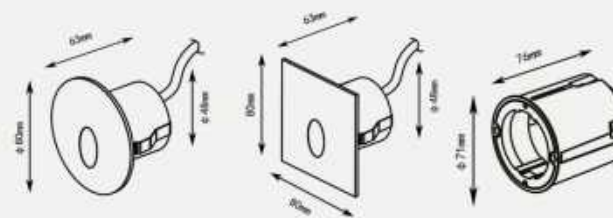


Installation with clips directly



Wall recessed

Outer Dimensions Unit:mm



1SR0101/H
1SR0102/H

1SS0101/H
1SS0102/H

Plastic mounting sleeve

Housing color option

- Grey painting RAL9007
- Silver painting RAL9006
- Matt black RAL9005
- Customized Color

Material specifications

Housing	ADC12 die-casting outdoor powder coated aluminum
Glass	Tempered glass, T=2mm
Cable gland	M12 nickel coated copper
Gasket	Tooling shaped seal
LED	Epistar or CREE power LED, Ra>80
PCB	Excellent heat conductivity aluminum, coefficient of Heat Conductivity≥2.0w/mk
Driver	Constant current output
Operating temperature	-20°C~40°C
Power cable	HOSRN-F 2*0.75mm ² L=0.3m (low voltage) HOSRN-F 3*0.75mm ² L=0.3m (high voltage)



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life (h)
1SR0101 1SS0101 1SR0101AR	1*1W	60°	1.1	DC12V/DC24V	10
1SR0101H 1SS0101H 1SR0101ARH	1*1W	60°	1.3	AC100-240V	10
1SR0102 1SS0102 1SR0102AR	1*3W	60°	3	DC12V/DC24V	10
1SR0102H 1SS0102H 1SR0102ARH	1*3W	60°	3.3	AC100-240V	10
1SR0107 1SS0107 1SR0107AR	1*0.5W	60°	0.5	AC100-240V/DC12V/DC24V	10

Recessed LED Wall Light&Stair Light



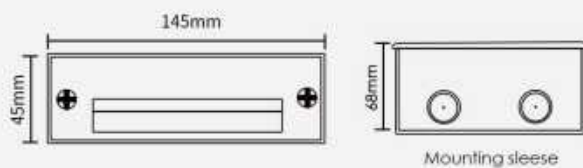
819067

With clips type



819067+clip

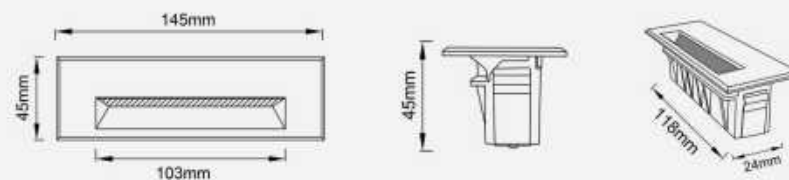
Outer Dimensions Unit:mm



Mounting sleeve



Outer Dimensions Unit:mm



Optional part: Mounting sleeve



Rear view

Material specifications

Housing	ADC12#Die-casting powder coated aluminum
Glass	Tempered glass, T=4mm
Lens	Optical lens, efficiency>85%
Cable gland	Copper and Nickel coated
Gasket	Tooling shaped seal
LED	SMD LED
PCB	Excellent heat conductivity aluminum, coefficient of Heat Conductivity22.5w/mk
Driver	-20C~40C
Operating temperature	Constant current output single color LED= I-circuit output
Power cable	HGRN-F 2*0.75mm ² L=0.3m (low voltage) HGRN-F 3*0.75mm ² L=0.3m (high voltage)



Item No	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
819067	SMD5630*4	60°/120°	3.0	DC12V/DC24V AC100-240V	09

▶ Recessed LED Wall Light & Stair Light



819157



819187



plastic sleeve



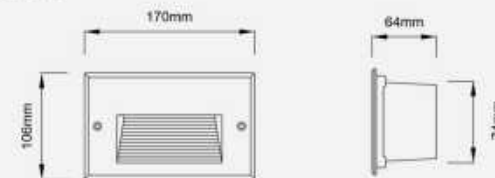
plastic sleeve

Material specifications:

Housing	ADC12#Die-casting outdoor powder coated aluminum
Front cover	ADC12#Die-casting outdoor powder coated aluminum
Glass	Tempered glass, T=3mm
Cable gland	IP67 Copper and nickel coated
Gasket	Tooling shaped seal
LED:	SMD LED or Customized LED
PCB:	Excellent heat conductivity aluminum, coefficient of Heat Conductivity≥2.0w/mk
Driver:	Constant current output
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*0.75mm ² L=0.3m(low voltage) H05RN-F 3*0.75mm ² L=0.3m(high voltage)

Outer Dimensions

Unit:mm



Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Life rate
819187	SMD3528*18	120°	2.5	AC100-240V	10
819088	8*1W OSRAM	120°	8.2	DC24V/AC100-240V	10
819157	SMD3528*15	120°	2.2	AC100-240V	10
819068	8*1W OSRAM	120°	4.2	DC24V/AC100-240V	10

Recessed LED Wall Light/LED Step Light



817187/817068

- LED Colour Temperature
- 2700K • 3000K
 - 4000K • 6000K
- Customized Colors

Housing color option

- Grey painting RAL9007
- Silver painting RAL9006
- Mat black RAL9005
- Customized Colors

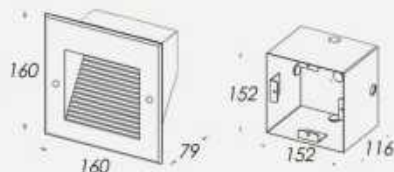


818067/818058

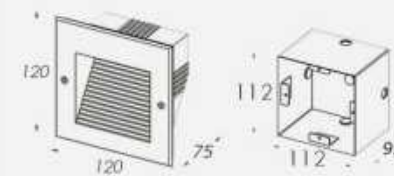
- LED Colour Temperature
- 2700K • 3000K
 - 4000K • 6000K
- Customized Colors

Housing color option

- Grey painting RAL9007
- Silver painting RAL9006
- Mat black RAL9005
- Customized Colors



Mounting sleeve



Mounting sleeve

Material specifications

Housing	ADC12#Die-casting outdoor powder coated aluminum
Front cover	ADC12#Die-casting outdoor powder coated aluminum
Glass	Tempered glass, t=3mm
Cable gland	IP67 Copper and nickel coated
Gasket	Tooling shaped seal
LEDs	SMD LED or Customized LED
PCB	Excellent heat conductivity aluminum, coefficient of Heat Conductivity2.0W/mK
Driver	Constant current output
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F2*0.75mm ² L=0.3m(low voltage) H05RN-F3*0.75mm ² L=0.3m(high voltage)



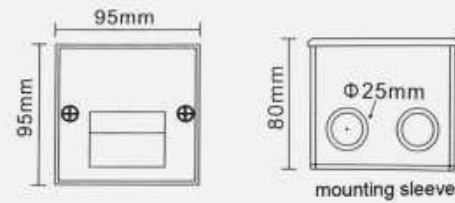
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
817187	OSRAM SMD2835*18	120°	2.5	AC100-240V	10
817068	1*6W SMD LED	120°	6.4	DC24V/AC100-240V	10
818067	OSRAM SMD2835*6	120°	1.8	12VDC/24VDC	10
818058	1*5W SMD LED	120°	5.5	DC24V/AC100-240V	10

Square recessed LED Wall Light/LED Stair Light



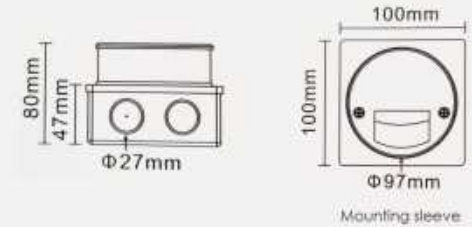
815067

Outer Dimensions Unit:mm



816067

Outer Dimensions Unit:mm



Material specifications

Housing	ADC12#Die-casting powder coated aluminum
Glass	Tempered glass, 4mm
Lens	Optical lens, efficiency>85%
Cable gland	Copper and nickel coated
Gasket	Tooling shaped seal
LED	SMD or COB LED
PCB	Excellent heat conductivity aluminum, coefficient of Heat Conductivity2.0W/mK
Driver	-20°C ~ 40°C
Operating temperature:	Constant current output single color LED=1-circuit output
Power cable:	H05RN-F 2x0.75mm ² L=0.3m(low voltage) H05RN-F 3x0.75mm ² L=0.3m(high voltage)



Easy installation with circlip



Housing color option

Grey painting RAL9007	Silver painting RAL9006
Matt black RAL9005	Customized Colors

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life time
815067	OSRAM SMD2835*6	120°	2W/3W	DC12V/DC24V AC100-240V	10
816067	OSRAM SMD2835*6	120°	2W/3W	DC24V AC100-240V	10



SURFACE MOUNTING WALL LIGHT

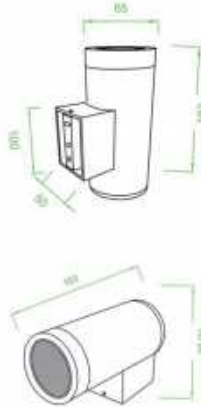
IP65
OUTDOOR RATED



▶ Wall mounted wall washer/IP65



WL60068



Material specifications

Housing:	Extruded aluminum alloy
Glass:	Tempered glass, T=3mm
Lens:	Optical lens, efficiency≥85%
Cable gland:	Copper and nickel coated
Gasket:	Tooling shaped seal
LED:	CREE COB LED
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage) H05RN-F 3x0.75mm ² L=0.5m(high voltage)

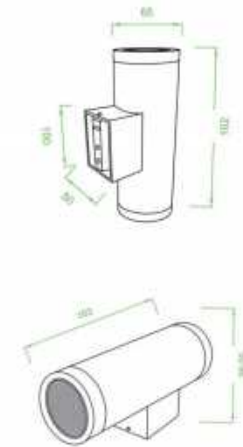


Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life (hrs)
WL60068	1*6W CREE COB	12°/25°/38°/40°	6W	DC12V/DC24V AC220V/AC240V	05
WL60108	2*5W CREE COB	12°/25°/38°/40°	10W	DC12V/DC24V AC220V/AC240V	05

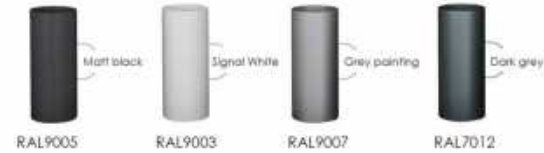
▶ Up/Down wall washer/IP65



WL60108



Housing color option



▶ Wall mounted wall washer/IP65



WL80108

▶ Up/Down wall washer/IP65



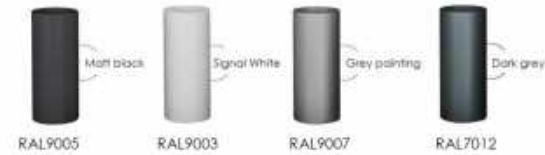
WL80168

Material specifications

Housing:	Extruded aluminum alloy
Glass:	Tempered glass, T=3mm
Lens:	Optical lens, efficiency 85%
Cable gland:	Copper and nickel coated
Gasket:	Tooling shaped seal
LED:	CREE COB LED
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage) H05RN-F 3x0.75mm ² L=0.5m(high voltage)



Housing color option



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life
WL80108	1*10W CREE COB	15°/24°/30°/60°	10W	DC12V/DC24V AC220V/AC240V	05
WL80168	2*8W CREE COB	15°/24°/30°/60°	1.6W	DC12V/DC24V AC220V/AC240V	05



▶ Surface mounting wall washer light/IP65



WL100188



▶ Up/down wall washer light/IP65



WL100248

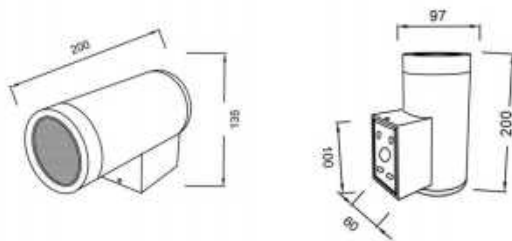


Material specifications

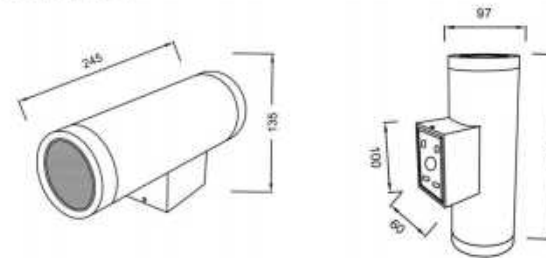
Housing:	Extruded aluminum alloy
Glass:	Tempered glass,T=3mm
Lens:	Optical lens, efficiency>85%
Cable gland:	Copper and nickel coated
Gasket:	Tooling shaped seal
LED:	CREE COB LED
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage) H05RN-F 3x0.75mm ² L=0.5m(high voltage)

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life span
WL100188	1*18W CREE COB	15°/38°/60°	18W	DC12V/DC24V AC220V/AC240V	05
WL100248	2*12W CREE COB	15°/38°/60°	24W	DC12V/DC24V AC220V/AC240V	05

Outer Dimensions Unit:mm



Outer Dimensions Unit:mm



▶ Surface mounting wall washer light/IP65

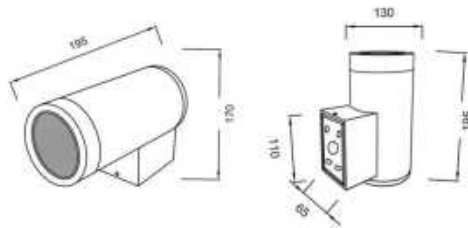


WL130248

Material specifications

Housing:	Extruded aluminum alloy
Glass:	Tempered glass,T=3mm
Lens:	Optical lens, efficiency≥85%
Cable gland:	Copper and nickel coated
Gasket:	Tooling shaped seal
LED:	CREE COB LED
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage) H05RN-F 3x0.75mm ² L=0.5m(high voltage)

Outer Dimensions Unit:mm



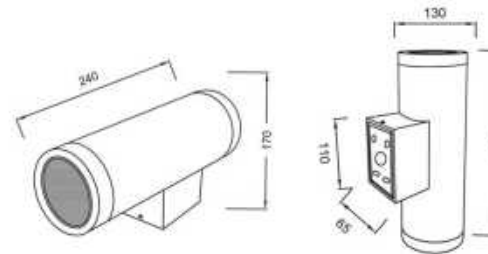
▶ Up/down wall washer light/IP65



WL130358

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
WL130248	1*24W CREE COB	19°/24°/36°	24W	DC12V/DC24V AC220V/AC240V	05
WL130358	2*17W CREE COB	19°/24°/36°	35W	DC12V/DC24V AC220V/AC240V	05

Outer Dimensions Unit:mm





CEILING DOWN LIGHT/ MOUNTING CEILING DOWN LIGHT

IP65
OUTDOOR RATED

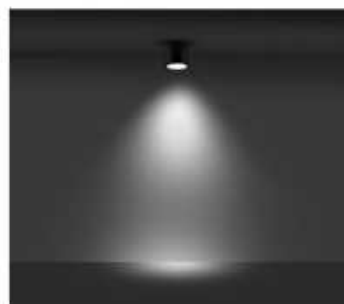
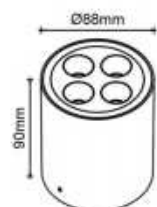


▶ Ceiling Down Light/IP65



CLR88042

Outer Dimensions Unit:mm



Material specifications

Housing Material:	Casting aluminum
Glass:	Tempered glass,T=3mm
Lens:	Optical lens, efficiency283%
Cable gland:	Copper and nickel coated
Gasket:	Tooling shaped seal
LED:	SMD LED
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage) H05RN-F 3x0.75mm ² L=0.5m(high voltage)

Housing color option



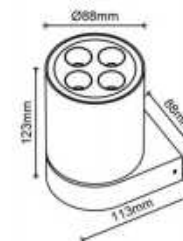
▶ Surface mounting wall light/IP65



WLR88042

- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- Customized Colors

Outer Dimensions Unit:mm



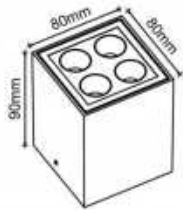
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	It rate
CLR88041	4*1W LED	15°/24°/36°	4W	DC12V/DC24V AC220V/AC240V	06
WLR88041	4*1W LED	15°/24°/36°	4W	DC12V/DC24V AC220V/AC240V	06
CLR88042	4*2W LED	15°/24°/36°	8W	DC12V/DC24V AC220V/AC240V	06
WLR88042	4*2W LED	15°/24°/36°	8W	DC12V/DC24V AC220V/AC240V	06

▶ Ceiling Down Light/IP65



CLS80042

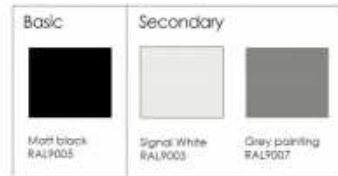
Outer Dimensions Unit:mm



Material specifications

Housing Material:	Casting aluminum
Glass:	Tempered glass,T=3mm
Lens:	Optical lens, efficiency>85%
Cable gland:	Copper and nickel coated
Gasket:	Tooting shaped seal
LED:	SMD LED
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage) H05RN-F 3x0.75mm ² L=0.5m(high voltage)

Housing color option



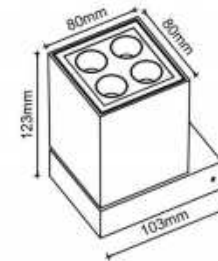
▶ Surface mounting wall light/IP65



WLS80042

- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- Customized Colors

Outer Dimensions Unit:mm



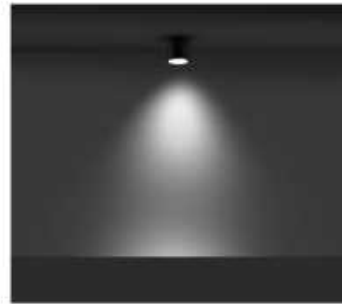
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input voltage (V)	Life
CLS80041	4*1W LED	15°/24°/36°	4W	DC12V/DC24V AC220V/AC240V	06
WLS80041	4*1W LED	15°/24°/36°	4W	DC12V/DC24V AC220V/AC240V	06
CLS80042	4*2W LED	15°/24°/36°	8W	DC12V/DC24V AC220V/AC240V	06
WLS80042	4*2W LED	15°/24°/36°	8W	DC12V/DC24V AC220V/AC240V	06

▶ Wall mounting ceiling down light/ IP65



CLR90128

Outer Dimensions Unit:mm



Material specifications

Housing Material:	Extruded aluminum alloy
Glass:	Tempered glass,1=3mm
Lens:	Optical lens, efficiency28.5%
Cable gland:	Copper and nickel coated
Gasket:	Tooling shaped seal
LED:	CREE COB
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage) H05RN-F 3x0.75mm ² L=0.5m(high voltage)

Housing color option



▶ Wall mounting ceiling down light/ IP65



CLR110158

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V.)	Life rate
CLR90128	12W CREE COB	30°/60°	12W	DC12V/DC24V AC220V/AC240V	06
CLR110158	15W CREE COB	30°/60°	15W	DC12V/DC24V AC220V/AC240V	06

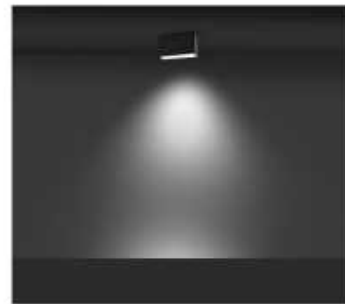
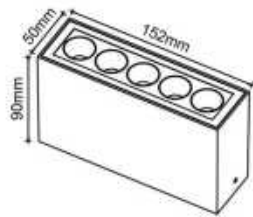


▶ Ceiling Down Light/IP65



CLL152052

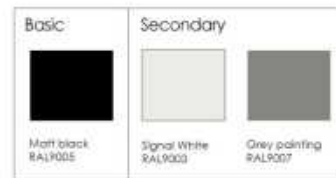
Outer Dimensions Unit:mm



Material specifications

Housing Material:	Castling aluminum
Glass:	Tempered glass,T=3mm
Lens:	Optical lens, efficiency285%
Cable gland:	Copper and nickel coated
Gasket:	Tooling shaped seal
LED:	SMD LED
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm²L=0.5m(low voltage) H05RN-F 3x0.75mm²L=0.5m(high voltage)

Housing color option



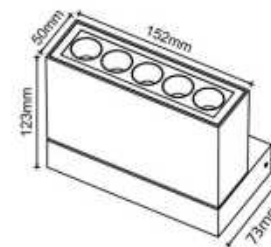
▶ Surface mounting wall light/IP65



WLL152052

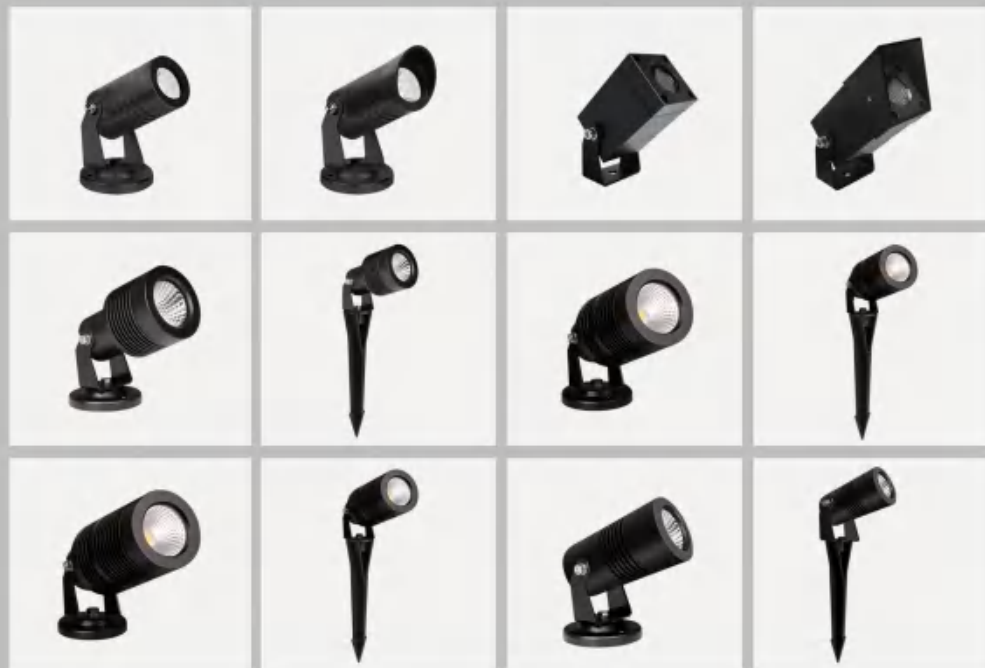
- LED Colour Temperature
 - Customized Colors
- 2700K• 3000K
 - 4000K• 6000K

Outer Dimensions Unit:mm



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life time
CLL152051	5*1W LED	15°/24°/36°	5W	DC12V/DC24V AC220V/AC240V	06
WLL152051	5*1W LED	15°/24°/36°	5W	DC12V/DC24V AC220V/AC240V	06
CLL152052	5*2W LED	15°/24°/36°	10W	DC12V/DC24V AC220V/AC240V	06
WLL152052	5*2W LED	15°/24°/36°	10W	DC12V/DC24V AC220V/AC240V	06

Spot Light Series



▶ HIGH POWER LED GARDEN LIGHT



83512



83512+antiglare hood

- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- optics
 - 8°/15°/25°/30°/45°/60°/90°

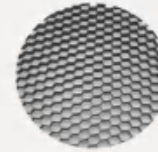
Housing color option

- Aluminum anodized
- Silver painting PAL9006
- Matt black PAL9005

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage (V)	Ik rate
83311 83511	1x1W	8°/15°/20°/30°/45°/60°	1.1	DC12V/DC24V	02
83311H 83511H	1x1W	8°/15°/20°/30°/45°/60°	1.3	AC120V/AC240V	02
83312 83512	1x2W	8°/15°/20°/30°/45°/60°	2.2	DC12V/DC24V	02
83312H 83512H	1x2W	8°/15°/20°/30°/45°/60°	2.6	AC120V/AC240V	02
83316 83516	1x3W RGB3in1	30°/45°/60°	3.2	DC12V/DC24V	02

Optional accessories

a.Honecomb



b.Aluminum base

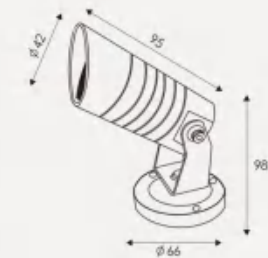
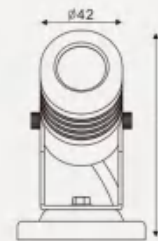


c.Aluminum spike



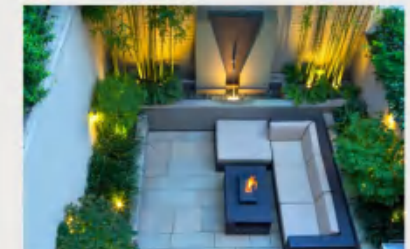
Outer Dimensions

Unit:mm



Material specifications

Housing&face cover:	Aluminum anodized finishing or powder painting
Glass:	Tempered glass,T=3mm
Lens:	Optical lens, efficiency≥85%
Cable gland:	Copper and nickel coated
Gasket:	Tooling shaped seal
LED:	SMD LED
PCB:	Excellent heat conductivity aluminum, coefficient of Heat Conductivity≥2.0w/mk
Driver:	Constant current output single color LED=1-circuit output RGB 3in1 LED=3-circuit output
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm², L=1m(low voltage) H05RN-F 3x0.75mm², L=1m(high voltage) H05RN-F 4x0.75mm², L=1m(for RGB)



▶ LED Garden Spot Light
LED Spike Light

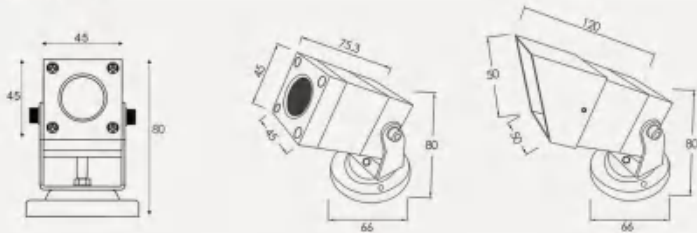


S83312

S83312+antiglare hood

Outer Dimensions

Unit:mm



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Ik rate
S83311	1x1W	8°/15°/20°/30°/45°/60°	1.1	DC12V/DC24V	02
S83311H	1x1W	8°/15°/20°/30°/45°/60°	1.3	AC120V-AC240V	02
S83312	1x2W	8°/15°/20°/30°/45°/60°	2.2	DC12V/DC24V	02
S83312H	1x3W	8°/15°/20°/30°/45°/60°	3.3	AC120V-AC240V	02
S83316	1x3W RGB3in1	30°/45°/60°	3.2	DC12V/DC24V	02
BS835068	1*6W LED	15°/25°/38°/60°	6.2	DC24V/AC220-240V	02

▶ COB LED Garden Spot Light/
COB LED spike light

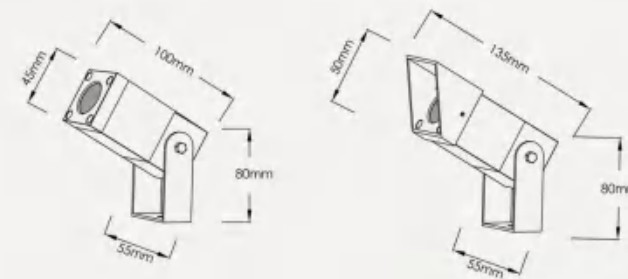


BS835068

BS835068+antiglare hood

Outer Dimensions

Unit:mm



Material specifications

Housing&face cover:	Aluminum anodized finishing or powder painting
Glass:	Tempered glass,T=3mm
Lens:	Optical lens, efficiency≥85%
Cable gland:	Copper and nickel coated
Gasket:	Tooling shaped seal
LED:	SMD LED
Driver:	Constant current output single color LED=1-circuit output RGB 3in1 LED=3-circuit output
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=1m(low voltage) H05RN-F 3x0.75mm ² L=1m(high voltage)



▶ HIGH POWER LED LANDSCAPE SPOT LIGHT



832121D/832122D/832126D



83261D/83262D/83266D



832031D/832032D/832036D

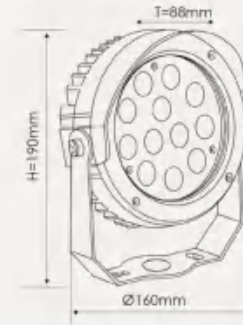
- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- optics
 - 8°/15°/25°/30°/45°/60°/90°

Housing color option

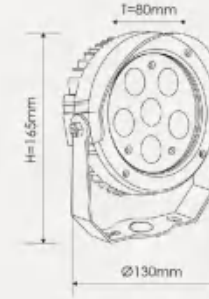
- Dark grey RAL7012
- Silver painting RAL9006
- Mat black RAL9005

Outer Dimensions

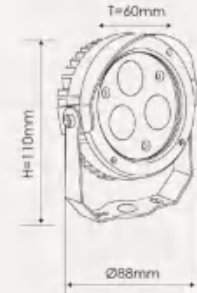
Unit:mm



832121D/832122D/832126D



83261D/83262D/83266D



832031D/832032D/832036D

Optional accessories

a.Honeycomb



b.Aluminum base



c.Aluminum spike



Material specifications

Housing	12# Die-casting outdoor powder coated aluminum T=60-80µm.
Glass	Tempered glass, T=4mm
Lens	Optical lens, efficiency ≥85%
Cable gland	IP-68 PG-9 copper and nickel coated
Gasket	Molding shaped silicone double seal
LED	SMD LED
PCB	Excellent heat conductivity aluminum, coefficient of Heat conductivity 22.0w/mk
Driver	Constant current output Single color LED=1 -circuit output RGB 3in1 LED =3-circuit output
Operating temperature:	-20C-40C
Power cable:	H05RN-F 2x0.75mm² L=1m (low voltage) H05RN-F 3x0.75mm² L=1m (high voltage) H05RN-F 4x0.75mm² L=1m (for RGB)
Spike :	PVC
Mounting base:	Powder coated die-casting aluminum



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage(V)	Life rate
832031D	3x1W	8°/15°/20°/30°/45°/60°	3.3	DC24V AC100-240V	07
832032D	3x2W	8°/15°/20°/30°/45°/60°	7.5	DC24V AC100-240V	07
832036D	3x3W RGB3in1	20°/30°/45°/60°	9.1	DC24V	07
83261D	6x1W	8°/15°/20°/30°/45°/60°	6.5	DC24V AC100-240V	07
83262D	6x2W	8°/15°/20°/30°/45°/60°	15.0	DC24V AC100-240V	07
83266D	6x3W RGB3in1	20°/30°/45°/60°	18.3	DC24V	07
832121D	12x1W	8°/15°/20°/30°/45°/60°	12.5	DC24V AC100-240V	07
832122D	12x2W	8°/15°/20°/30°/45°/60°	30.0	DC24V AC100-240V	07
832126D	12x3W RGB3in1	20°/30°/45°/60°	35.5	DC24V	07

▶ LED GARDEN SPIKE LIGHT & LED LAWN LIGHT



8383X

RGBW4in1



838110



▶ LED GARDEN SPOT LIGHT



8303X

RGBW4in1



830110

Housing color option

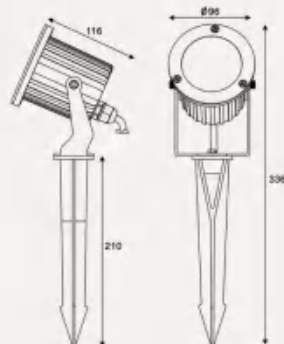
Grey painting RAL9007	Silver painting RAL9006
Matte black RAL9005	Dark grey RAL7012

LED Colour Temperature	optics
• 2700K • 3000K	• 8°/15°/20°/30°/45°/60°/90°
• 4000K • 6000K	

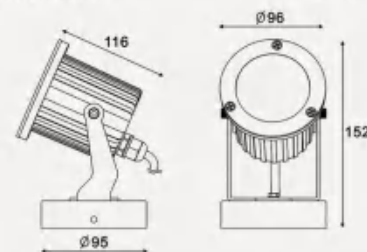
Material specifications

Housing	12#Die-casting powder coated aluminum, T=60-80um Adhesion of ISO class 1/ASTM class 4B
Front cover	Stainless steel SUS 304 or 316
Bracket	Powder coated aluminum
Glass	Tempered glass, T=4mm
Lens	Optical lens, efficiency ≥ 85%
Cable gland	P-67 PG-9 PA66
Gasket	Molding shaped silicone double seal
Power cable	H05RN-F 2x0.75mm ² L=1m (low voltage) H05RN-F 3x0.75mm ² L=1m (high voltage) H05RN-F 4x0.75mm ² L=1m (for RGB)
Spike	PVC (grey or black)
Mounting base	Powder coated die-casting aluminum

Outer Dimensions Unit:mm



Outer Dimensions Unit:mm



Input voltage is according to LED bulb spec

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Ik rate
83831 83031	3x1W	8°/15°/20°/30°/45°/60°	3.2	DC12V/DC24V	04
83831H 83031H	3x1W	8°/15°/20°/30°/45°/60°	3.5	AC120V/AC240V	04
83832 83032	3x2W	8°/15°/20°/30°/45°/60°	6.2	DC12V/DC24V	04
83832H 83032H	3x2W	8°/15°/20°/30°/45°/60°	7.5	AC120V/AC240V	04
83836 83036	3x3W RGB3in1	30°/45°/60°	3.2	DC12V/DC24V	04
83839 83039	3x4W RGBW4in1 (W=3000/4000/6000K)	30°/45°/60°	13.2	DC24V	04
838110 830110	GU10 socket	N/A	N/A	N/A	05

▶ HIGH POWER LED Landscape Light
▶ LED Garden Spot Light



8355XB



8355X

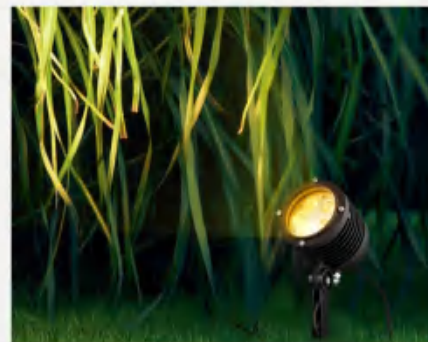
- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- optics
 - 8°/15°/25°/30°/45°/60°/90°

Housing color option

- Grey painting RAL9007
- Silver painting RAL9006
- Mat black RAL9005

Material specifications

Housing	12# Die-casting outdoor powder coated aluminum T=60-80µm.
Glass	Tempered glass, T=4mm
Lens	Optical lens, efficiency 85%
Cable gland	IP48 PG-9 copper and nickel coated
Gasket	Molding shaped silicone double seal
LED	CREE XPE LED/EDISON LED
PCB	Excellent heat conductivity aluminum, coefficient of Heat conductivity: 2.0w/mk
Driver	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuit output
Operating temperature:	-20°C-40°C
Power cable:	H05RN-F 2x0.75mm² L=1m (low voltage) H05RN-F 3x0.75mm² L=1m (high voltage) H05RN-F 4x0.75mm² L=1m (for RGB)
Spike	PVC
Mounting base:	Powder coated die-casting aluminum



▶ GU10&MR16&E27
Changeable Socket spot light

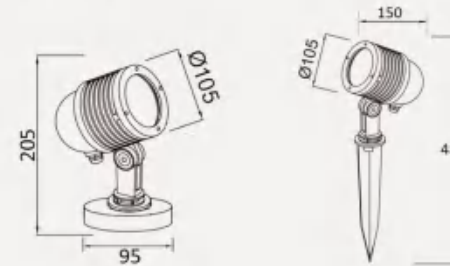


8351108



8351108D

Outer Dimensions Unit:mm



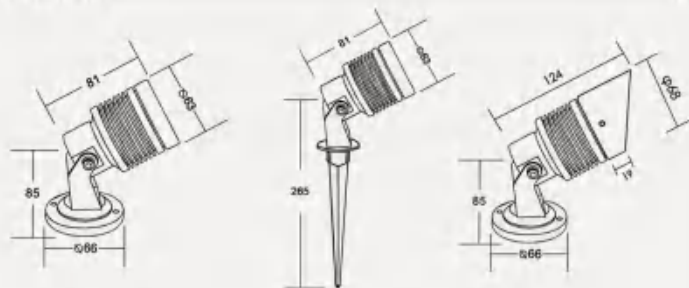
input voltage is according to LED bulb spec

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage(V)	Ik rate
83551 83551B	5x1W	8°/15°/20°/30°/45°/60°	5.3	DC24V	05
83551H 83551BH	5x1W	8°/15°/20°/30°/45°/60°	6.1	AC120V/AC240V	05
83552 83552B	5x2W	8°/15°/20°/30°/45°/60°	10.4	DC24V	05
83552H 83552BH	5x2W	8°/15°/20°/30°/45°/60°	12.5	AC120V/AC240V	05
83556 83556B	5x3W RGB3in1	30°/45°/60°	15.1	DC24V	05
83559 83559B	5x4W RGBW4in1 (W=3000/4000/6000K)	8°/15°/25°/30°/45°/60°	20.2	DC24V	05
8351108 8351108D	GU10/E27/MR16 socket	N/A	N/A	N/A	05

▶ COB LED Garden Spot Light/COB LED spike light



Outer Dimensions Unit:mm



Material specifications

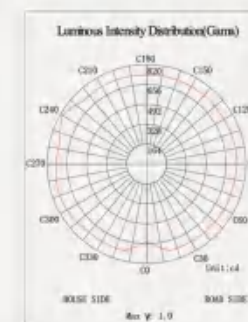
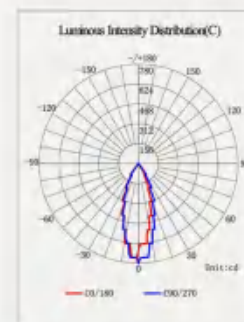
Housing	Aluminum anodized finishing & powder painting
Glass	Tempered glass, T=3mm
Lens	Optical lens, efficiency>85%
Cable gland	Copper and nickel coated
Gasket	Tooling shaped seal
LED	CREE COB LED
Driver	Constant current output
Spike	PVC(grey or black)
Mounting base	Aluminum anodized finishing or powder painting
Power cable:	HD5RN-F 2x0.75mm ² L=1m(low voltage) HD5RN-F 3x0.75mm ² L=1m(high voltage) HD5RN-F 5x0.75mm ² L=1m(RGBW)



B83506COB+anti glare hood



6W COB, 36° Photometric Data of Luminaire:

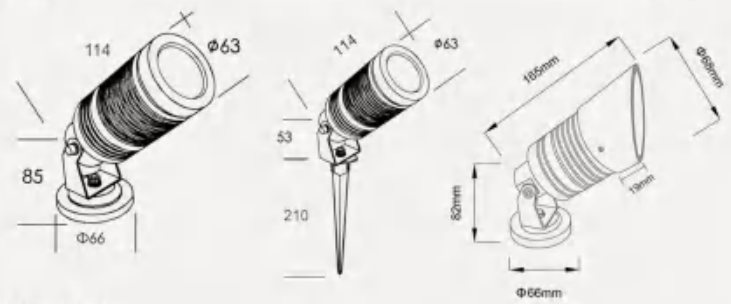


Item No.	Light source	Lens beam angle [°]	Consumption (watt)	Input Voltage (V)	Life rate
B83306COB B83506COB	1x6W CREE	15°/25°/38°/60°	5.3	DC12V/DC24V	04
B83306COB B83506COB	1x6W CREE	15°/25°/38°/60°	6.5	AC120V/AC240V	04
B833109 B835109	1x10W RGBW4in1 (W=3000/4200/6000K)	24°/36°/60°/110x30°	10.2	DC12V/DC24V	04

▶ COB LED Garden Spot Light/COB LED spike light



Outer Dimensions Unit:mm



Material specifications

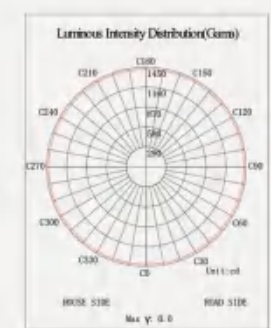
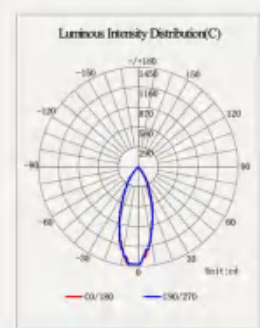
Housing	Aluminum anodized finishing & powder painting
Glass	Tempered glass, T=3mm
Lens	Optical lens, efficiency>85%
Cable gland	Copper and nickel coated
Gasket	Tooling shaped seal
LED	CREE COB LED
Driver	Constant current output
Spike	PVC (grey or black)
Mounting base	Aluminum anodized finishing or powder painting
Power cable	H05RN-F 2x0.75mm ² L=1m (low voltage) HD6RN-F 3x0.75mm ² L=1m (high voltage)



B83510COB+antiglare hood



10W COB, 36° Photometric Data of Luminaire:

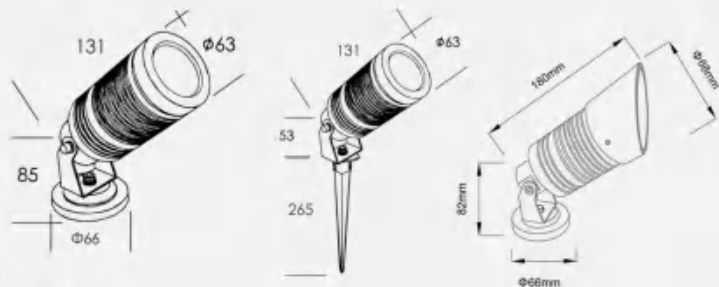


Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Life rate
B83310COB B83510COB	1x10W CREE	15°/25°/38°/60°	10.5	DC12V/DC24V	D4
B83310COB B83510COB	1x10W CREE	15°/25°/38°/60°	11.2	AC120V/AC240V	D4

► COB LED Garden Spot Light/COB LED spike light



Outer Dimensions Unit:mm

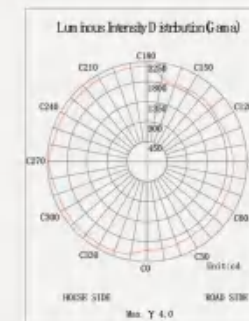


Material specifications

Housing	Aluminum anodized finishing & powder painting
Glass	Tempered glass, 1-3mm
Lens	Optical lens, efficiency 85%
Cable gland	Copper and nickel coated
Gasket	Tooling shaped seal
LED	CREE COB LED
Driver	Constant current output
Spike	PVC (grey or black)
Mounting base	Aluminum anodized finishing or powder painting
Power cable	H05RN-F 2x0.75mm ² L=1m (low voltage) H05RN-F 3x0.75mm ² L=1m (high voltage)



14W COB, 36° Photometric Data of Luminaire:

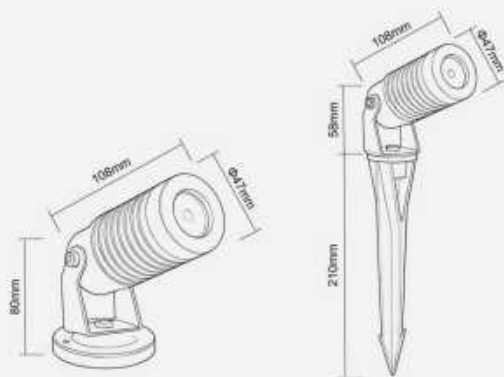


Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Life time
B83314COB B83514COB	1x14W CREE	15°/25°/38°/60°	14.1	DC12V/DC24V	04
B83314COB B83514COB	1x14W CREE	15°/25°/38°/60°	15.2	AC120V/AC240V	04

▶ RGBW 4in1 LED Garden Spot Light



Outer Dimensions _____ Unit:mm



Material specifications

Housing:	Aluminum anodized finishing & powder painting
Glass:	Tempered glass, T=3mm
Lens:	Optical lens, efficiency>85%
Cable gland:	Copper and nickel coated
Gasket:	Tooling shaped seal
LED:	LED
Driver:	Constant current output
Spike:	PVC(grey or black)
Mounting base:	Aluminum anodized finishing or powder painting
Power cable:	HO9RN-F 2x0.75mm ² L=1m(low voltage) HO9RN-F 5x0.75mm ² L=1m(RGBW)

Item No.	Light source:	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
848058Z 848058P	1*5W LED	24°/36°/40°/10°/30°	5W	DC12V/DC24V	04
848059Z 848059P	1*5W (RGBW4in1) (W=3000/4000/6000)	24°/36°/40°/10°/30°	6W	DC12V/DC24V	04

▶ Small Size LED Garden Spot Light



832511

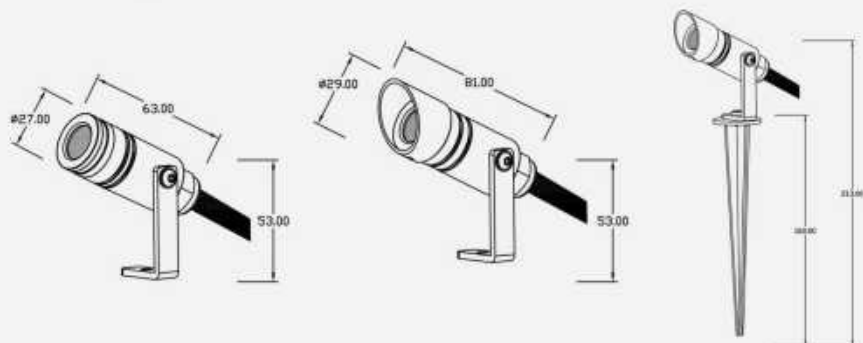
832511+antiglare hood

LED Colour Temperature	optics
• 2700K • 3000K	• 8°/15°/30°/45°/60°
• 4000K • 6000K	

Housing color option

Matt black RAL9005	Dark grey RAL7012
Aluminum anodized	

Outer Dimensions: _____ Unit:mm



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)
832511	1x1W LED	8°/15°/30°/45°/60°	1,1	DC12V/DC24V

Material specifications

Housing & face cover:	Aluminum anodized finishing or powder painting
Glass:	Tempered glass, T=3mm
Lens:	Optical lens, efficiency>85%
Cable gland:	Copper and nickel coated
Gasket:	Tooling shaped seal
LED:	SMD LED
PCB:	Excellent heat conductivity aluminum, coefficient of Heat Conductivity>220w/mk
Driver:	Constant current output single color LED=1-circuit output
Operating temperature:	-20°C~40°C
Power cable:	HD5RN-F 2x0.75mm ² L=0.5m(low voltage)

Optional part: Frosted glass /Honeycomb Louver /Aluminum spike



a.Frosted glass



b.Honeycomb Louver



c.Aluminum spike



COB LED Garden Spot Light/Dimmable



JPS71315

JPS61110

JPS51006

- LED Colour Temperature
- 2700K • 3000K
 - 4000K • 6000K

- optics
- 15°/25°/38°/60°

Housing color option

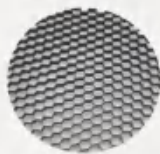
Dark grey RAL7012

Optional accessories

a. Triac Dimmer



b. Honeycomb



c. Aluminum base

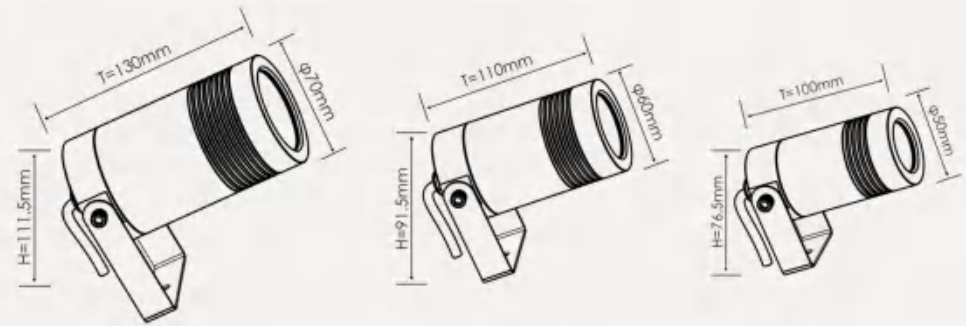


d. Aluminum spike



Item No.	Light source	LED Driver	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Ik rate
JPS51006	COB	Triac Dimmer	15°/25°/38°/60°	6W	DC24V/220-240V	0.6
JPS61110	COB	Triac Dimmer	15°/25°/38°/60°	10W	DC24V/220-240V	0.6
JPS71315	COB	Triac Dimmer	15°/25°/38°/60°	15W	DC24V/220-240V	0.6

Outer Dimensions: Unit:mm

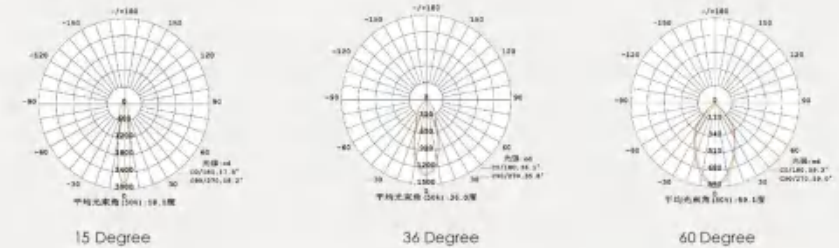


JPS71315

JPS61110

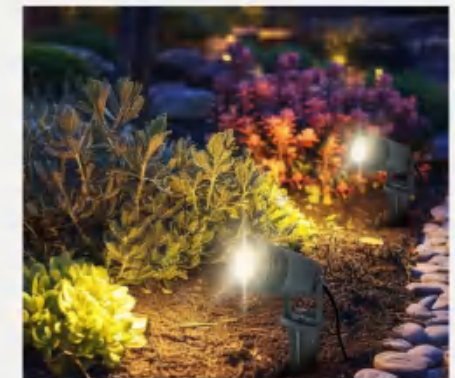
JPS51006

7W COB Distribution Curve Flux:



Material specifications

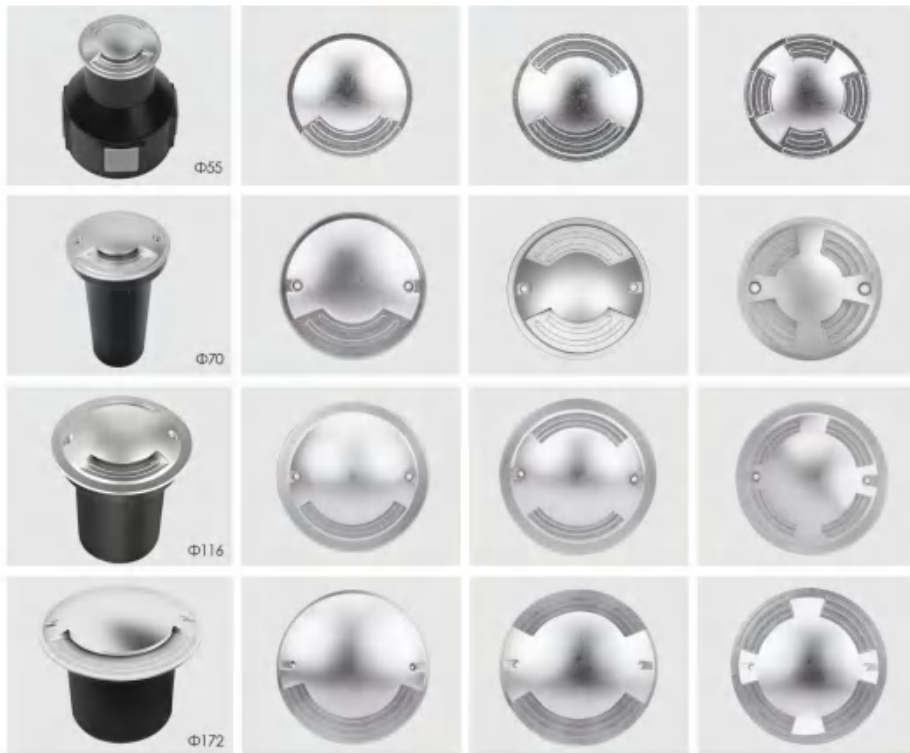
Housing	Aluminum anodized finishing & powder painting
Glass	Tempered glass, T=3mm
Lens	Optical lens, efficiency>85%
Cable gland	Copper and nickel coated
Gasket	Tooling shaped seal
LED	CREE COB LED
Driver	Constant current output
Spike	PVC(grey or black)
Mounting base	Aluminum anodized finishing or powder painting.
Power cable	H05RN-F 2x0.75mm ² L=1m(low voltage) H05RN-F 3x0.75mm ² L=1m(high voltage)





IP67
OUTDOOR RATED

**LED Inground Light Series
& LED Step Light**



Diffuser Tiny type LED underground light

Stainless steel face cover(with frosted glass)

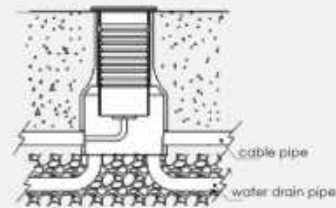


B82711/B82712

Material specifications

Housing:	Aluminum with outdoor dark grey powder coated T=60-80µm Adhesion of BQ class 1/ASTM class 4B
Front cover:	304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T=4mm
Glass pressure capacity:	full area =250kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	H05RN-F 2*0.75mm ² L=0.5m(low voltage) H05RN-F 3*0.75mm ² L=0.5m(for single color/high voltage) H05RN-F 4*0.75mm ² L=0.5m(for RGB)
Mounting sleeve(optional):	ABS

Installation diagram



Up light Mini LED Inground light/LED step light

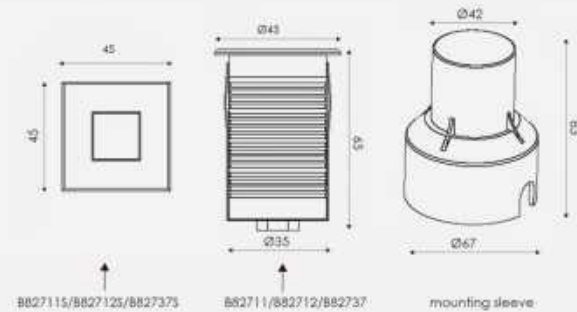
Stainless steel face cover(with lens&clear glass)



B2711/B2712

Outer Dimensions:

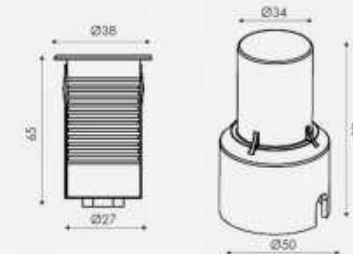
Unit:mm



B827115/B827125/B827375

B82711/B82712/B82737

mounting sleeve



B2711/B2712

mounting sleeve

*Note:

1. Item No. with "H" stands for "input voltage AC100-240V"
2. Item No. with "AS" stands for "Asymmetrical lens"
3. Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage(V)	k rate
B2711/B82711(H/AS) /B827115(H/AS)	1x1W LED	8°/15°/30°/45°/60°	1.2	DC 12V DC24V AC100-240V	06
B2712/B82712(H/AS) /B827125(H/AS)	1x2W LED	8°/15°/30°/45°/60°	2.6	DC 12V DC24V AC100-240V	06

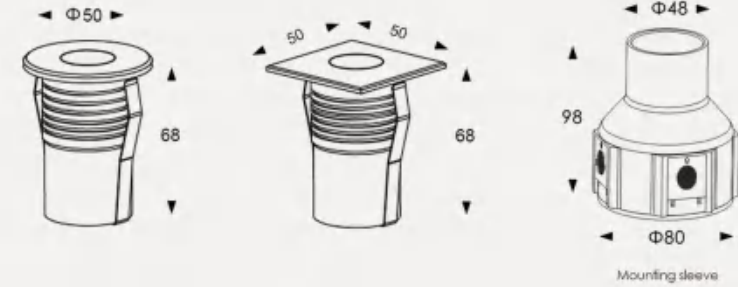
LED underground light/Inground up light

Stainless steel face cover



Outer Dimensions:

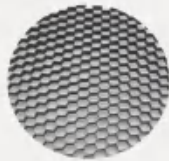
Unit:mm



With frosted glass/Honeycomb Louver/Concentric Cell



with frosted glass



Honeycomb Louver

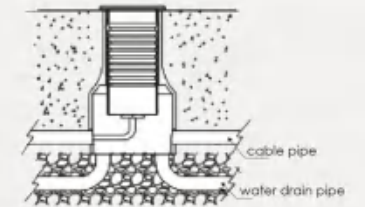


Concentric Cell

Material specifications

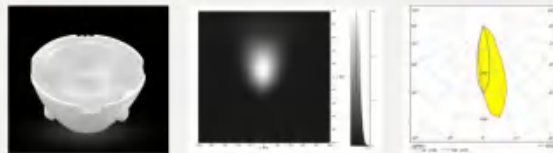
Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
Front cover:	304# or 316# Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T=12mm
Glass pressure capacity:	Full area =1700kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C - 40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m (low voltage) H05RN-F 3x0.75mm ² L=0.5m (for single color/high voltage) H05RN-F 4x0.75mm ² L=0.5m (for RGB)
Mounting sleeve:	ABS

Installation diagram



Asymmetrical lens:

CREE XPE2 / FWHM:18°/28P10°



***Note:**

1. Item No. with "H" stands for "input voltage AC 100-240V"
2. Item No. with "AS" stands for "Asymmetrical lens"
3. Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Ik rate
82011(H)/82011S(H) /82011AS(H)	1x1W LED	8°/15°/30°/45°/60°	1.2	DC12V DC24V AC100-240V	08
82012(H)/82012S(H) /82012AS(H)	1x2W LED	8°/15°/30°/45°/60°	2.6	DC12V DC24V AC100-240V	08
82016(H)/82016S(H) /82016AS(H)	1x3W RG83in1 LED	30°/45°/60°	3.1	DC12V DC24V	08

LED underground light/Inground up light with stainless steel face cover



82511/82512/82516



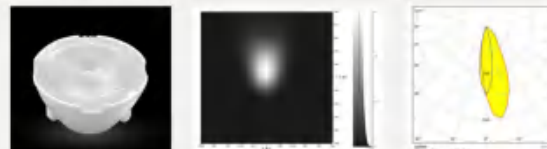
82511S/82512S/82516S

Outer Dimensions: _____ Unit:mm



Asymmetrical lens:

CREE XPE2 / FWHM:18°28P10°



Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of ISO class I/ASTM class 4B
Front cover:	304# or 316#StainlessSteel
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T=7mm
Glass pressure capacity:	full area =1700kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C -40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage) H05RN-F 3x0.75mm ² L=0.5m(for Single color,high voltage) H05RN-F 4x0.75mm ² L=0.5m(for RGB)
Mounting sleeve:	ABS



*Note:

- Item No. with "H" stands for "input voltage AC100-240V"
- Item No. with "AS" stands for "Asymmetrical lens"
- Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	IK rate
82511(-)/82511S(H) /82511AS(H)	1x1W LED	8°/15°/30°/45°/60°	1.2	DC12V DC24V AC100-240V	08
82512(-)/82512S(H) /82512AS(H)	1x2W LED	8°/15°/30°/45°/60°	2.4	DC12V DC24V AC100-240V	08
82516/82516S/82516AS	1x3W RGB3in1 LED	30°/45°/60°	3.1	DC12V DC24V	08
D82517(-) /D82517S(-)	1x0.5W LED	120°	0.5	DC12V DC24V AC100-240V	08
HE8251X(H)	1x1W/1x2W LED 1x3W RGB3in1 LED	8°/15°/25°/30°/45°/60°	1.2/2.4/3.1	DC12V DC24V AC100-240V	08

Mini&Thin LED Inground light/Floor Light with stainless steel face cover

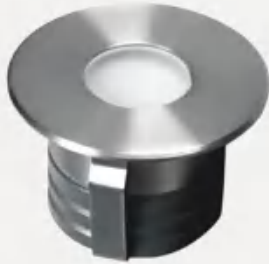


X82511/X82512



X82511S/X82512S

With Diffused glass/Honeycomb Louver/Concentric Cell



DX82517/DX82536



DX82517S/DX82537S

Asymmetrical LED Inground light



Asymmetrical lens

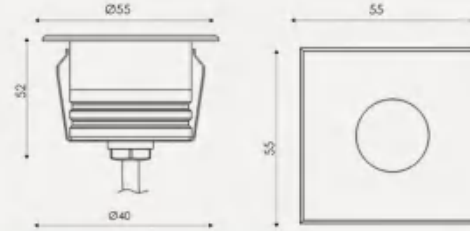


honeycomb louver



concentric cell

Outer Dimensions: _____ Unit:mm



For DC input version(built-in driver)



A: Minimum space for external driver is 50mm
B: IP67 120V/240V/RGB external input driver

For AC input version(external driver)

Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of ISO class I/ASTM class 4B
Front cover:	304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>80%
Glass:	Tempered step glass T=7mm
Glass pressure capacity:	Full area =1700kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m (low voltage) H05RN-F 3x0.75mm ² L=0.5m (for single color/high voltage) H05RN-F 4x0.75mm ² L=0.5m (for RGB)
Mounting sleeve(optional):	ABS



*Note:

1. Item No. with "H" stands for "input voltage AC100-240V"
2. Item No. with "AS" stands for "Asymmetrical lens"
3. Any special customization, to be confirmed with us

Item No.	light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Ik rate
X82511(H)/X82511S(H)/X82511AS(H)	1x1W LED	8°/15°/30°/45°/60°	1.2	DC12V DC24V AC100-240V	08
X82512(H)/X82512S(H)/X82512AS(H)	1x2W LED	8°/15°/30°/45°/60°	2.6	DC12V DC24V AC100-240V	08
DX82537/DX82537S	3xSMD5050 RGB3in1 LED	frosted glass (diffuser)	2.0	DC12V DC24V	08
DX82517(H)/DX82517S(H)	1x0.5W LED	frosted glass (diffuser)	0.5	DC12V DC24V AC100-240V	08

LED Underground light/Inground up light with stainless steel face cover



820211/820212/820216



82311/82312/82316

Asymmetrical LED Inground light with stainless steel face cover

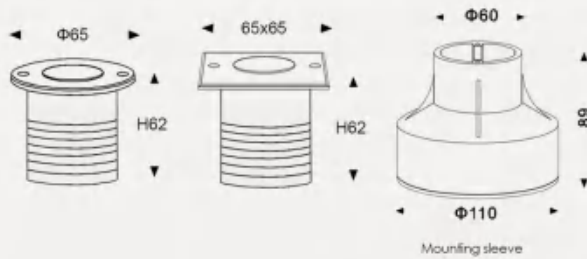


820211AS/820212AS/820216AS



82311AS/82312AS/82316AS

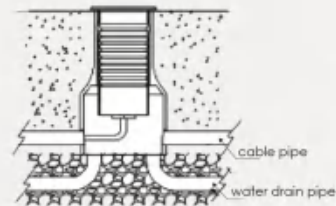
Outer Dimensions: _____ Unit:mm



Material specifications

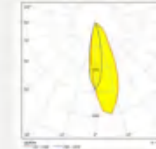
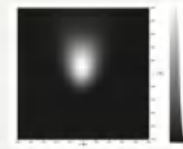
Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of ISO class I/ASTM class 4B
Front cover:	304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T=12mm
Glass pressure capacity:	α10=940kgs, α30=2600kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	H05RN-F 2×0.75mm ² L=0.5m (low voltage) H05RN-F 3×0.75mm ² L=0.5m (for Single color /high voltage) H05RN-F 4×0.75mm ² L=0.5m (for RGB)
Mounting sleeves:	ABS

Installation diagram



Asymmetrical lens:

CREE XPE2 / FWHM:18°*28P10°



*Note:

1. Item No. with "H" stands for "input voltage AC100-240V"
2. Item No. with "AS" stands for "Asymmetrical lens"
3. Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Ik rate
820211(H) /82311(H/AS)	1x1W LED	8°/19°/30°/45°/60°	1.2	DC12V DC24V AC100-240V	09
820211(H) /82311(H/AS)	1x2W LED	8°/19°/30°/45°/60°	2.6	DC12V DC24V AC100-240V	09
820216/82316(AS)	1x3W RGB3in1 LED	30°/45°/60°	3.1	DC12V DC24V	09
820219/82319	1x5W RGBW4in1 LED	30°/45°/60°	5.0	DC12V DC24V	09

LED Underground light/Inground up light with stainless steel face cover



84311/84312/84316

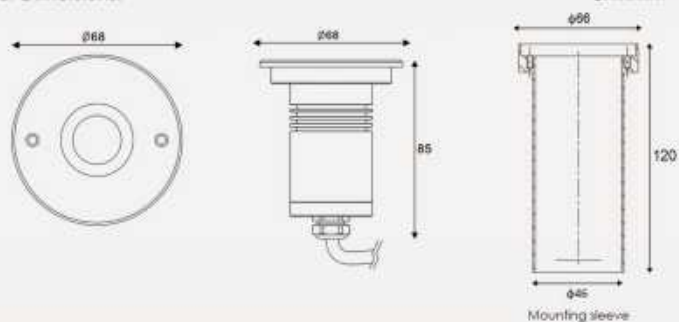
Asymmetrical LED Inground light with stainless steel face cover



84311AS/84312AS/84316AS

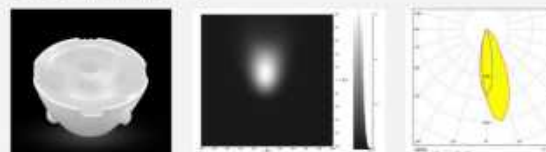
Outer Dimensions:

Unit:mm



Asymmetrical lens:

CREE XPE2 / FWHM:18°28P10°



***Note:**

- Item No. with "H" stands for "input voltage AC100-240V"
- Item No. with "AS" stands for "Asymmetrical lens"
- Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
84311(H/AS)	1x1W LED	8°/15°/30°/45°/60°	1.2	DC12V DC24V AC100-240V	06
84312(H/AS)	1x2W LED	8°/15°/30°/45°/60°	2.6	DC12V DC24V AC100-240V	06
84316(AS)	1x3W RGB3in1 LED	30°/45°/60°	3.1	DC12V DC24V	06
84319	1x3W RGB(W4in1) LED	30°/45°/60°	5.0	DC12V DC24V	06

Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
Front cover:	304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T=6mm
Glass pressure capacity:	Full area>780kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(for low voltage) H05RN-F 3x0.75mm ² L=0.5m(for single color/high voltage) H05RN-F 4x0.75mm ² L=0.5m(for RGB)
Mounting sleeve:	ABS



Small Size LED Inground Light&LED deck light



80011/80017



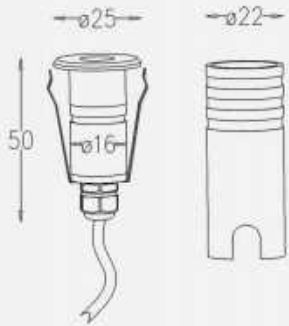
HE80011/HE80017



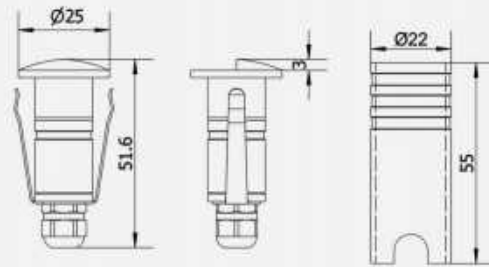
Frosted glass/diffused glass

Outer Dimensions:

Unit:mm



80011/80017

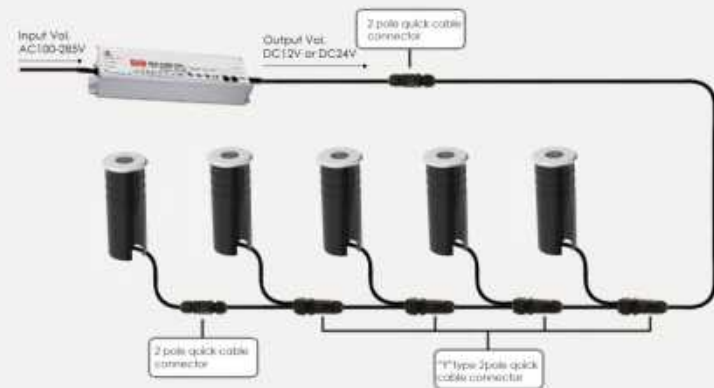


HE80011/HE80017

Item No.	Light source	Lens beam angle()	Consumption (Watt)	Input Voltage(V)
80011/HE80011	1x1W LED	15°/30°/45°/60°	1.1	DC12V/DC24V
80017/HE80017	1x0.5W LED	120°	0.5	DC12V/DC24V



Connection Demo:



Material specifications:

Housing:	Aluminum anodized or outdoor powder coated finish housing T=60-80um Adhesion of ISO class I/ASTM class 4B
Front cover:	SS304 # / SS316 # / Aluminum
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T=7mm
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*0.5mm ² L=0.5m(low voltage)
Mounting sleeve:	Aluminum

LED inground light/LED up light with stainless steel face cover

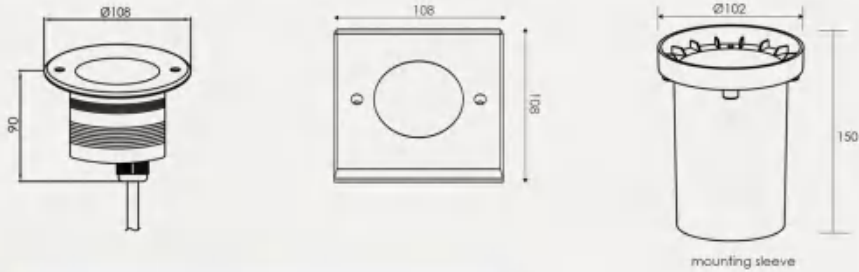


82531/82532/82533/82534/82536



82531S/82532S/82533S/82534S/82536S

Outer Dimensions: _____ Unit:mm



- *Note:**
1. Item No. with "H" stands for "input voltage AC100-240V"
 2. Item No. with "AS" stands for "Asymmetrical lens"
 3. Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Kraft
82531(S/H/AS)	3x1W LED	8°/15°/25°/30°/45°/60°	3.2	DC12V/DC24V/AC100-240V	08
82532(S/H/AS)	3x2W LED	8°/15°/25°/30°/45°/60°	6.2	DC12V/DC24V/AC100-240V	08
82533(S/AS)	3x1W RGB LED	8°/15°/25°/30°/45°/60°	3.2	DC12V/DC24V	08
82534(S/AS)	3x2W RGB LED	8°/15°/25°/30°/45°/60°	5.8	DC12V/DC24V	08
82536(S/AS)	3x3W RGB3in1 LED	25°/30°/45°/60°	9.2	DC12V/DC24V	08

Asymmetrical Underground LED light with asymmetrical lens



82531AS/82532AS/
82533AS/82534AS/82536AS

Part Number	FWHM	Field Angle*	cd / lm	IES File
01CR-10x45	17°/33°	35°/60°	4.0	contact us

Beam Pattern

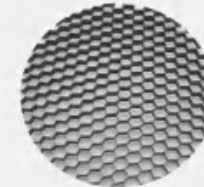
Light Distribution Curve

Illuminance Distribution

With Diffused glass(A)/Honeycomb Louver(B)/Concentric cell (C)



With Diffused glass



Honeycomb Louver



Concentric cell

Material specifications

Housing:	6063# silver anodized finish aluminum
Front cover:	304# or 316# Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T=6mm
Glass pressure capacity:	Full area ≈2500kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C - 40°C
Power cable:	HD5RN-F 2×0.75mm ² L=0.5m (low voltage) HD5RN-F 3×0.75mm ² L=0.5m (for single color/high voltage) HD5RN-F 4×0.75mm ² L=0.5m (for RGB)
Mounting sleeve:	ABS



Power LED inground light/COB LED up light with stainless steel face cover



C8253X

Material specifications

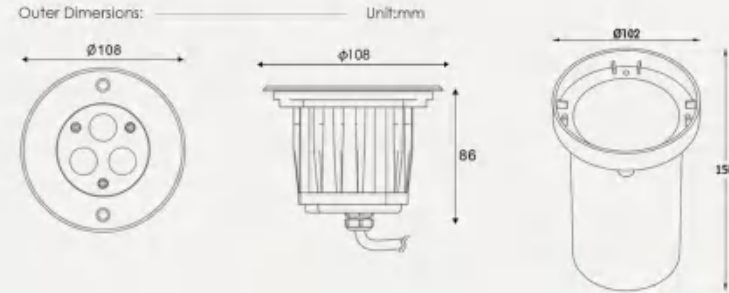
Housing:	ADC12#casting aluminum with outdoor dark grey powder coating T=60-80um adhesion of ISO class 1/ASTM class 4B
Front cover:	304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T=7mm
Glass pressure capacity:	Full area =1900kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	H05RN-F 2*0.75mm² L=0.5m (low voltage) H05RN-F 3*0.75mm² L=0.5m (for single color /high voltage) H05RN-F 4*0.75mm² L=0.5m (for RGB)
Mounting sleeve:	ABS

Housing color option

- Dark grey RAL7012
- Silver painting RAL9006
- Matte black RAL5005

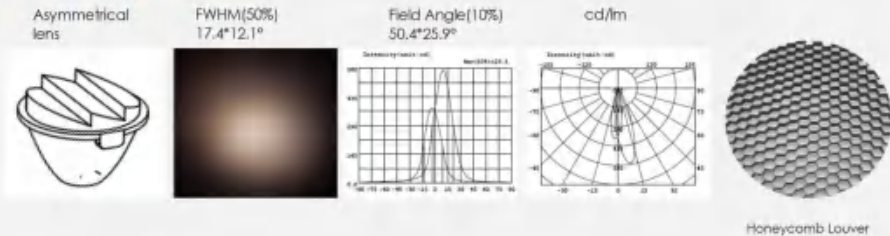


Back view



***Note:**
 1. Item No. with "H" stands for "input voltage AC100-240V"
 2. Item No. with "AS" stands for "Asymmetrical lens"
 3. Any special customization, to be confirmed with us

Asymmetrical lens:



Honeycomb Louver

Item No.	light source	Lens beam angle(°)	Consumption (watt)	input Voltage(V)	Ikrate
C82531(H/AS)	3x1W LED	8°/15°/25°/30°/45°/60°	3.2	DC12V/DC24V/AC100-240V	08
C82532(H/AS)	3x2W LED	8°/15°/25°/30°/45°/60°	6.2	DC12V/DC24V/AC100-240V	08
C82534	3x2W RGB LED	8°/15°/25°/30°/45°/60°	5.8	DC12V/DC24V	06
C82536	3x3W RGB3in1 LED	25°/30°/45°/60°	9.2	DC12V/DC24V	08
C825068COB(H)	1x6W CREE COB	15°/24°/38°/60°	6.3	DC12V/DC24V/AC100-240V	08

LED inground light/LED up light with stainless steel face cover



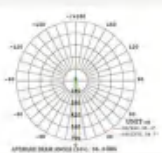
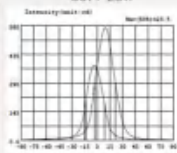
C82661/C82662/C82663/C82664/C82666

Asymmetrical lens

FWHM(50%)
17.4°12.1°

Field Angle(10%)
50.4°25.9°

cd/m

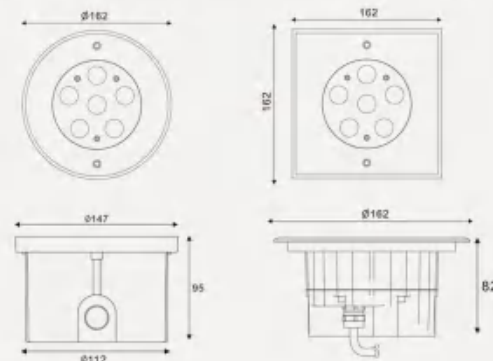


*Note:

1. Item No. with "H" stands for "input voltage AC100-240V"
2. Item No. with "AS" stands for "Asymmetrical lens"
3. Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Ik rate
C82661(S/H/AS)	6x1W LED	8°/15°/25°/30°/45°/60°	6.3	DC24V/AC100-240V	08
C82662(S/H/AS)	6x2W LED	8°/15°/25°/30°/45°/60°	13.2	DC24V/AC100-240V	08
C82663(S/AS)	6x1W RGB LED	8°/15°/25°/30°/45°/60°	6.0	DC12V/DC24V	08
C82664(S/AS)	6x2W RGB LED	8°/15°/25°/30°/45°/60°	12.5	DC12V/DC24V	08
C82666(S/AS)	6x3W RGB3in1 LED	25°/30°/45°/60°	18.3	DC24V	08

Outer Dimensions: _____ Unit:mm



Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of ISO class I/ASTM class 4B
Front cover:	304# or 316# Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T=6mm
Glass pressure capacity:	Full area =2450kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	HD6RNF 2x0.75mm ² L=0.5m (low voltage) HD6RNF 3x0.75mm ² L=0.5m (for single color/high voltage) HD6RNF 4x0.75mm ² L=0.5m (for RGB)
Mounting sleeve:	ABS

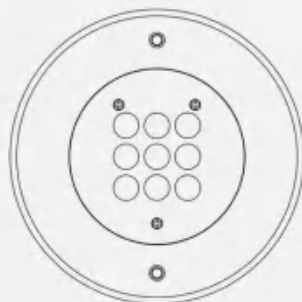


High Power LED inground light/LED up light with stainless steel face cover

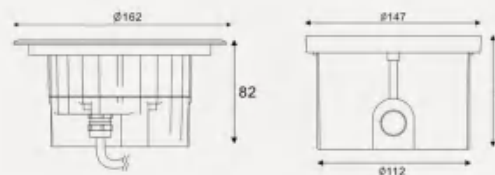


CB2691/CB2692/CB2693/CB2694/CB2696

Asymmetrical



Outer Dimensions: _____ Unit:mm



Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of ISO class I/ASTM class 4B
Front cover:	304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T=6mm
Glass pressure capacity:	Full area $\approx 2450\text{kps}$
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C - 40°C
Power cable:	H05RN-F 2*0.75mm ² L=0.5m (low voltage) H05RN-F 3*0.75mm ² L=0.5m (for single color/high voltage) H05RN-F 4*0.75mm ² L=0.5m (for RGB)
Mounting sleeve:	ABS

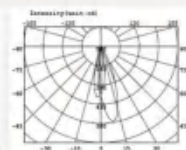
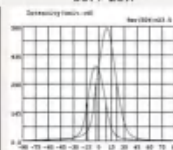
Asymmetrical lens

Asymmetrical
lens

FWHM(50%)
17.4°x12.1°

Field Angle(10%)
50.4°x25.9°

cd/m



*Note:

1. Item No. with "H" stands for "input voltage AC100-240V"
2. Item No. with "AS" stands for "Asymmetrical lens"
3. Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Ik rate
CB2691(S/H/AS)	9x1W LED	8°/15°/25°/30°/45°/60°	9.5	DC24V/AC100-240V	08
CB2692(S/H/AS)	9x2W LED	8°/15°/25°/30°/45°/60°	20.2	DC24V/AC100-240V	08
CB2693(S/AS)	9x1W RGB LED	8°/15°/25°/30°/45°/60°	9.2	DC12V/DC24V	08
CB2694(S/AS)	9x2W RGB LED	8°/15°/25°/30°/45°/60°	18.1	DC12V/DC24V	08
CB2696(S/AS)	9x3W RGB3in1 LED	25°/30°/45°/60°	26.7	DC24V	08



LED Underground Light/LED Up Light with stainless steel face cover

Asymmetrical lens

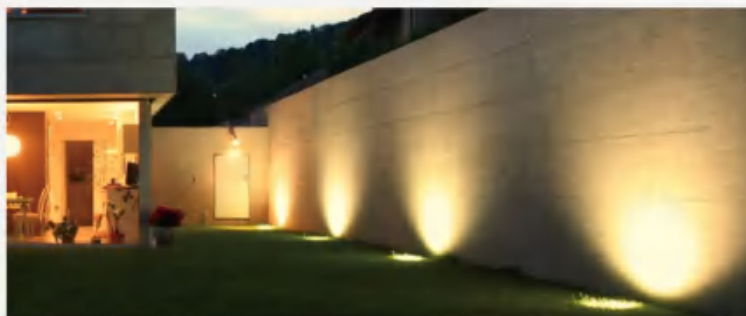
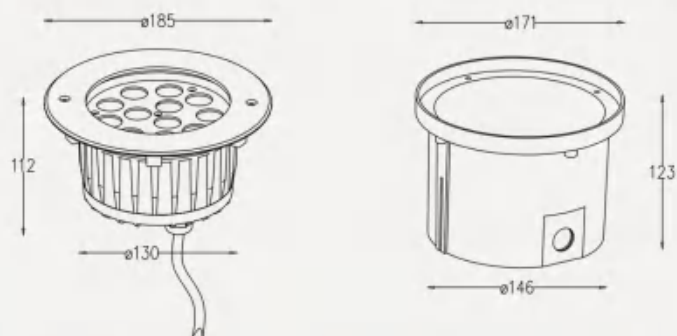


824121/824122/824123/824124/824126



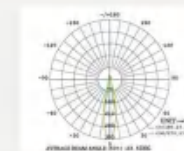
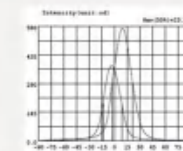
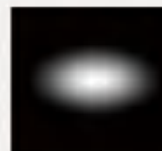
824121AS/824122AS/824123AS/824124AS/824126AS

Outer Dimensions: Unit:mm



Asymmetrical lens

Part Number	FWHM	Field Angle*	cd / lm	IES File
01CR-10x45	17°/33°	35°/60°	4.0	contact us



Beam Pattern Light Distribution Curve Illuminance Distribution

Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of ISO class I/ASTM class 4B
Front cover:	304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>65%
Glass:	Tempered step glass T=6mm
Glass pressure capacity:	Full area 2250kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	HDGRN-F 2x0.75mm ² L=0.5m (low voltage) HDGRN-F 3x0.75mm ² L=0.5m (for single color/high voltage) HDGRN-F 4x0.75mm ² L=0.5m (for RGB)
Mounting sleeve:	ABS

*Note:

- Item No. with "H" stands for "input voltage AC100-240V"
- Item No. with "AS" stands for "Asymmetrical lens"
- Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	k rate
824121(S/H/AS)	12x1W LED	8°/15°/25°/30°/45°/60°	12.6	DC24V/AC100-240V	08
824122(S/H/AS)	12x2W LED	8°/15°/25°/30°/45°/60°	25.4	DC24V/AC100-240V	08
824123(S/AS)	12x1W RGB LED	8°/15°/25°/30°/45°/60°	11.8	DC12V/DC24V	08
824124(S/AS)	12x2W RGB LED	8°/15°/25°/30°/45°/60°	23.5	DC12V/DC24V	08
824126(S/AS)	12x3W RGB3in1 LED	25°/30°/45°/60°	34.6	DC24V	08

LED Underground Light/LED Up Light with stainless steel face cover

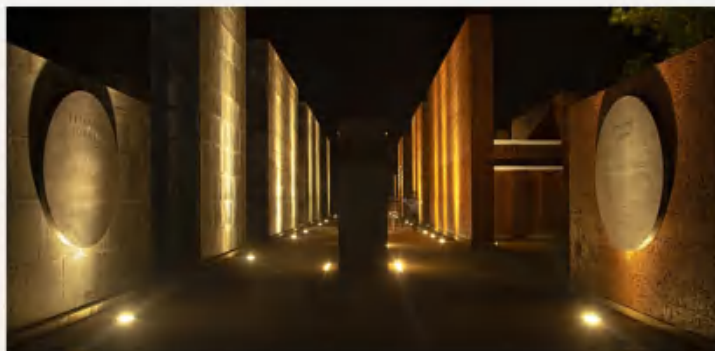
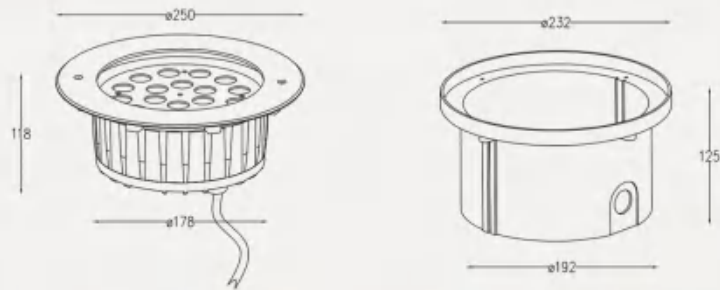


Asymmetrical lens

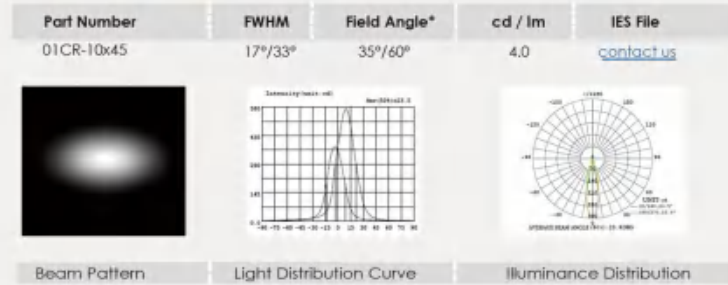
824181/824182/824183/824184/824186

824181AS/824182AS/824183AS
824184AS/824186AS

Outer Dimensions: Unit:mm



Asymmetrical lens



Material specifications

Housing:	Outdoor dark grey, powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
Front cover:	304# or 316#Stainless Steel
Lens:	Optical lens, efficiency≥85%
Glass:	Tempered step glass T=6mm
Glass pressure capacity:	Full area 2250kg
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	H05RN-F 2×0.75mm² L=0.5m(low voltage) H05RN-F 3×0.75mm² L=0.5m(for single color/high voltage) H05RN-F 4×0.75mm² L=0.5m(for RGB)
Mounting sleeve:	ABS

*Note:

- Item No. with "H" stands for "input voltage AC100-240V"
- Item No. with "AS" stands for "Asymmetrical lens"
- Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Ik ratio
824181(S/H/AS)	18x1W LED	8°/15°/25°/30°/45°/60°	19.2	DC24V/AC100-240V	8
824182(S/H/AS)	18x2W LED	8°/15°/25°/30°/45°/60°	37	DC24V/AC100-240V	8
824183(S/AS)	18x1W RGB LED	8°/15°/25°/30°/45°/60°	18	DC24V	8
824184(S/AS)	18x2W RGB LED	8°/15°/25°/30°/45°/60°	40	DC24V	8
824186(S/AS)	18x3W RGB3in1 LED	25°/30°/45°/60°	54	DC24V	8

Inground up light/Asymmetrical inground light with stainless steel face cover



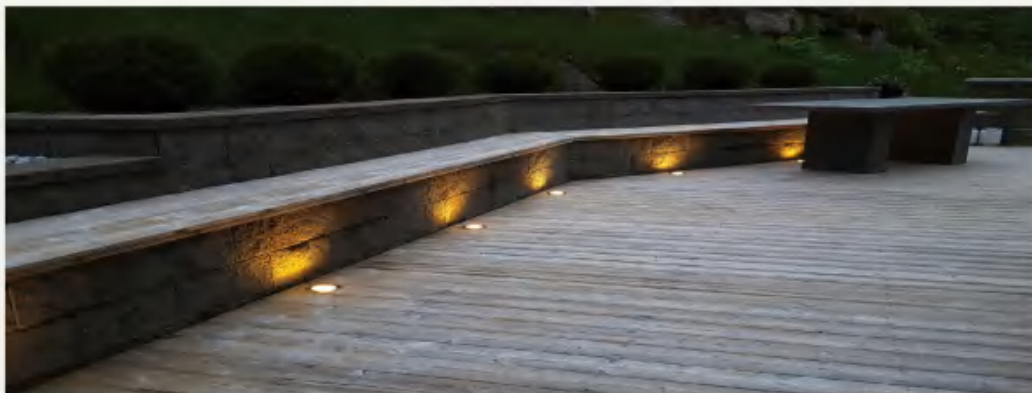
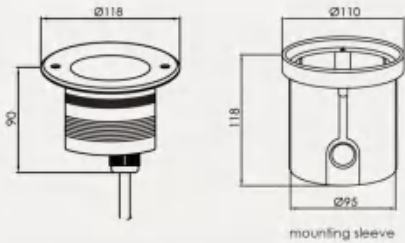
B82531/B82532/B82533/B82534/B82536

with asymmetrical lens



B82531 AS/B82532 AS/B82533 AS/B82534 AS/B82536 AS

Outer Dimensions: Unit:mm

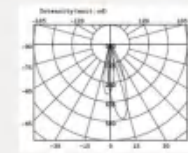
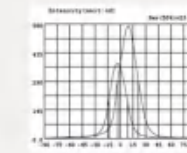
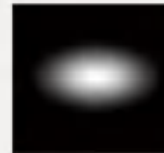


Material specifications

Housing:	6063# silver anodized finish aluminum
Front cover:	304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T=8mm
Glass pressure capacity:	Full area =2500kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C - 40°C
Power cable:	H05RN-F 2*0.75mm ² L=0.5m(low voltage) H05RN-F 3*0.75mm ² L=0.5m(for Single color/high voltage) H05RN-F 4*0.75mm ² L=0.5m(for RGB)
Mounting sleeve:	ABS

Asymmetrical

Part Number	FWHM	Field Angle*	cd / lm	IES File
01CR-10x45	17°/33°	35°/60°	4.0	contact us



Beam Pattern Light Distribution Curve Illuminance Distribution

*Note:

- Item No. with "H" stands for "Input voltage AC 100-240V"
- Item No. with "AS" stands for "Asymmetrical lens"
- Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage (V)	Life
B82531(H/AS)	3x1W LED	8°/15°/25°/30°/45°/60°	3.2	DC12V/DC24V/AC100-240V	09
B82532(H/AS)	3x2W LED	8°/15°/25°/30°/45°/60°	6.2	DC12V/DC24V/AC100-240V	09
B82533(AS)	3x1W RGB LED	8°/15°/25°/30°/45°/60°	3.2	DC12V/DC24V	09
B82534(AS)	3x2W RGB LED	8°/15°/25°/30°/45°/60°	5.8	DC12V/DC24V	09
B82536(AS)	3x3W RGB3in1 LED	25°/30°/45°/60°	9.2	DC12V/DC24V	09
B82539(AS)	3x4W RGBW4in1 LED	25°/30°/45°/60°	13.2	DC12V/DC24V	09

Recessed Inground light/Square up light with stainless steel face cover



82841/82842

With asymmetrical lens



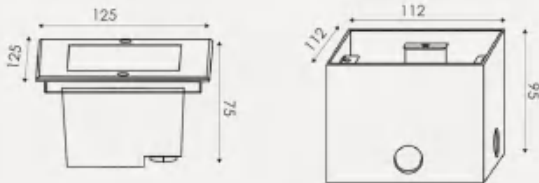
82841AS/82842AS



Material specifications

Housing:	Outdoor powder coated aluminum T=60-80um Adhesion of ISO class I/ASTM class 4B
Front cover:	304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T=6mm
Glass pressure capacity:	Full area =2500kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20 C ~ 40 C
Power cable:	H05RN-F 2*0.75mm ² L=0.5m(low voltage) H05RN-F 3*0.75mm ² L=0.5m(for single color/high voltage) H05RN-F 5*0.5mm ² L=0.5m(for RGBW)
Mounting sleeve:	Pader coated iron T=1.5mm

Outer Dimensions: Unit:mm



mounting sleeve



with frosted glass

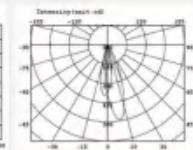
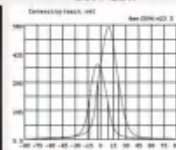
Asymmetrical lens

Asymmetrical lens

FWHM(50%)
17.4°12.1°

Field Angle(10%)
50.4°25.9°

cd/m



*Note:

1. Item No. with "H" stands for "input voltage AC100-240V"
2. Item No. with "AS" stands for "Asymmetrical lens"
3. Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage (V)	Life rate
82841(A5/H)	4x1W LED	8°/15°/25°/30°/45°/60°	4.4	DC24V/AC100-240V	09
82842(A5/H)	4x2W LED	8°/15°/25°/30°/45°/60°	8.5	DC24V/AC100-240V	09
82829(A5)	4x4W RGBW4in1 LED	25°/30°/45°/60°/10x45°	16.1	DC12V/DC24V	09
82828(A5/H)	2x6W COB LED	15°/25°/36°/60°	12.1	DC24V/AC100-240V	09

Inground LED linear light/ Recessed floor uplight

with stainless steel face cover

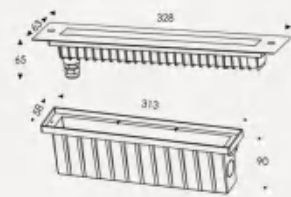


820461/820462

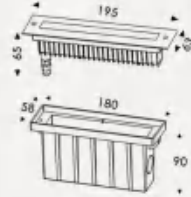


820431/820432

Outer Dimensions: Unit:mm



820461 (AS)/820462 (AS)



820431 (AS)/820432 (AS)



8204067 (OSRAM3030*6pcs)



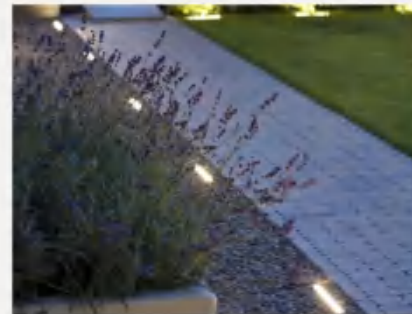
side view



Outside driver box for high voltage

Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of ISO class I/ASTM class 4B
Front cover:	304# or 316# stainless steel
Lens:	Optical lens, efficiency > 85%
Glass:	Tempered step glass T=7mm
Glass pressure capacity:	Full area = 1700kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	H05RN-F 2*0.75mm ² L=0.5m (low voltage) H05RN-F 3*0.75mm ² L=0.5m (for single color/high voltage) H05RN-F 4*0.75mm ² L=0.5m (for RGB)
Mounting sleeve:	ABS



Recessed linear inground wall washer light

with stainless steel face cover & Asymmetrical lens



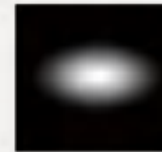
820461 AS/820462 AS



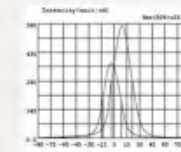
820431 AS/820432 AS

Asymmetrical lens

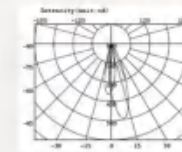
Part Number	FWHM	Field Angle*	cd / lm	IES File
01CR-10x45	17°/33°	35°/60°	4.0	contact us



Beam Pattern



Light Distribution Curve



Illuminance Distribution

*Note:

- Item No. with "H" stands for "input voltage AC 100-240V"
- Item No. with "AS" stands for "Asymmetrical lens"
- Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Ik rate
820431 (AS/H)	3x1W LED	8°/15°/25°/30°/45°/10x45°	3.2	DC24V/AC100-240V	B
820432 (AS/H)	3x2W LED	8°/15°/25°/30°/45°/10x45°	6.6	DC24V/AC100-240V	B
8204067 (H)	SMD3030*6pcs	frosted glass(diffuser)	3.1	DC24V/AC100-240V	B
820461 (AS/H)	6x1W LED	8°/15°/25°/30°/45°/10x45°	6.3	DC24V/AC100-240V	B
820462 (AS/H)	6x2W LED	8°/15°/25°/30°/45°/10x45°	12.6	DC24V/AC100-240V	B
8204107 (H)	SMD3030*12pcs	frosted glass(diffuser)	6.3	DC24V/AC100-240V	B

Inground LED linear light/ Recessed floor uplight

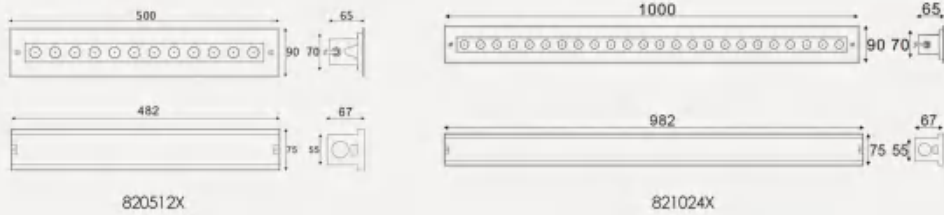
with stainless steel face cover



820512X

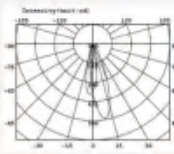
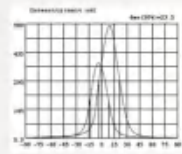
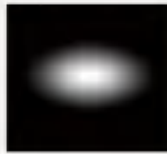
821024X

Outer Dimensions: Unit:mm



Asymmetrical lens

Part Number	FWHM	Field Angle*	cd / lm	IES File
01CR-10x45	17°/33°	35°/60°	4.0	contact us



Beam Pattern

Light Distribution Curve

Illuminance Distribution

Recessed linear inground wall washer light

with stainless steel face cover&Assymetrical lens

Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of 5CO class I/ASTM class 4B
Front cover:	304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T=7mm
Glass pressure capacity:	Full area =1700kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage) H05RN-F 3x0.75mm ² L=0.5m(for single color/high voltage) H05RN-F 4x0.75mm ² L=0.5m(for RGB)
Mounting sleeve:	ABS



*Note:

1. Item No. with "H" stands for "input voltage AC100-240V"
2. Item No. with "AS" stands for "Asymmetrical lens"
3. Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	R rate
8205121(AS/H)	12x1W LED	8°/15°/25°/30°/45°/10×45°	12	DC24V/AC100-240V	8
8205122(AS/H)	12x2W LED	8°/15°/25°/30°/45°/10×45°	24	DC24V/AC100-240V	8
8210241(AS/H)	24x1W LED	8°/15°/25°/30°/45°/10×45°	24	DC24V/AC100-240V	8
8210242(AS/H)	24x2W LED	8°/15°/25°/30°/45°/10×45°	48	DC24V/AC100-240V	8

COB LED inground light

with stainless steel face cover



C829068

- LED Colour Temperature
- 2700K • 3000K
 - 4000K • 6000K

Customized Colors

Housing color option

- Dark grey RAL7012
- Silver painting PAL 9006
- Matt black PAL9005

Square underground light

with stainless steel square face cover



CS829068

Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
Front cover:	304# or 316# stainless steel
Lens:	Optical lens, efficiency 85%
Glass:	Tempered step glass T=7mm
Glass pressure capacity:	Full area >760kpa
Gasket:	Molding shaped silicone seal
Operating temperature:	-30°C ~ 40°C
Power cable:	HGRNF 2x0.75mm ² (L=0.5m) (low voltage) HG6RNF 3x0.75mm ² (L=0.5m) (for single color/high voltage)
Mounting sleeve:	ABS



Outer Dimensions

Unit:mm



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life span
C829068(H)	1*6W COB LED	15°/25°/38°/60°	6.2W	DC12V/DC24V AC100V-AC240V	08
CS829068(H)	1*6W COB LED	15°/25°/38°/60°	6.2W	DC12V/DC24V AC100V-AC240V	08

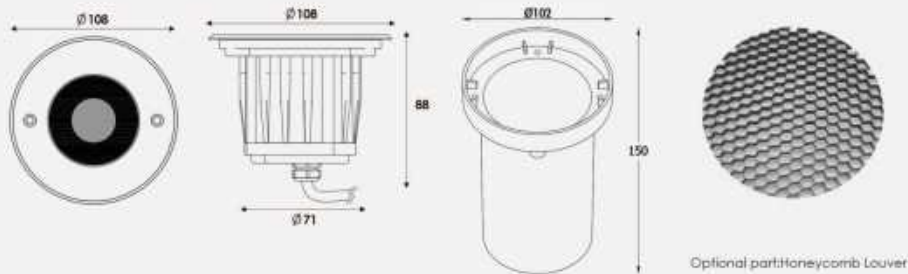
COB LED inground light/LED up light with stainless steel face cover



C825068

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage (V)	Rate
C825068(H)	1x6W COB LED	15°/25°/38°/60°	6.2	DC12V/DC24V/AC100-240V	08

Outer Dimensions: Unit:mm



Optional part:honeycomb Louver

RGBW4in1 LED inground light&up light with stainless steel face cover



C825069
C825169

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage (V)	Rate
C825069(AS)	1x6W RGBW4in1	20°/25°/40°/10°x60°/20°x60°	8.1	DC12V/DC24V	08
C825169(AS)	1x10W RGBW4in1	20°/25°/40°/10°x60°/20°x60°	10.2	DC12V/DC24V	08

Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of 50 class 1/ASTM class 4B
Front cover:	304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	Tempered stop glass T=6mm
Glass pressure capacity:	Full area =2500kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-30°C ~ 40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m (low voltage) H05RN-F 3x0.75mm ² L=0.5m (for single color /high voltage) H05RN-F 4x0.75mm ² L=0.5m (for RGB)
Mounting sleeves:	ABS



COB Underground Light/LED inground Light



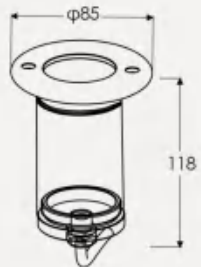
82578R



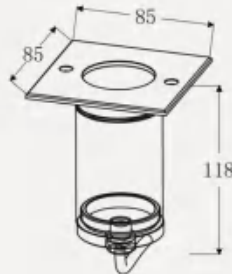
82578S



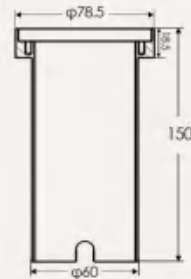
Outer Dimensions: Unit : mm



82578R



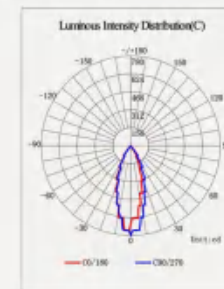
82578S



Mounting sleeve

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)
82578R	110W CREE COB	12°/24°/38°	7W	DC12V/DC24V/AC100-240V
82578S	110W CREE COB	12°/24°/38°	7W	DC12V/DC24V/AC100-240V

6W COB, 38° Photometric Data of Luminaire:



Material specifications

Housing:	Aluminum anodized or outdoor powder coated finish housing T=60-80um Adhesion of ISO class I/ASTM class 4B
Front cover:	304# or 316# stainless steel
Lens:	Optical lens, efficiency > 85%
Glass:	Tempered step glass T=7mm
Glass pressure capacity:	Full area = 760kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	H05RN-F 2*0.75mm ² L=0.5m (low voltage) H05RN-F 3*0.75mm ² L=0.5m (for single color/high voltage)
Mounting sleeve:	Aluminum

Beam Angle Adjustable In-ground Light

with stainless steel face cover



82731/82732

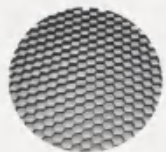
- LED Colour Temperature
 - 1800K • 2200K • 2700K
 - 3000K • 4000K • 6000K

Material specifications:

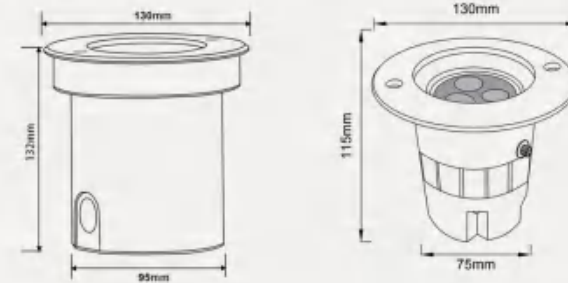
Characteristic:	Adjustable Beam Angle
Surface material:	SUS316#304# Stainless steel
Lamp body:	Made of casting aluminum housing
Lens:	Optical lens, efficiency≥85%
Glass:	Transparent tempered glass, T=8mm
Cable gland:	M12 nickel coated copper
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F2*0.75mm ² L=0.5m (low voltage) H05RN-F3*0.75mm ² L=0.5m (for single color/high voltage)
Mounting sleeve:	ABS Black plastic

Optional accessories:

Honeycomb Louver



Outer Dimensions: _____ Unit : mm



*Note:

1. Item No. with "H" stands for "input voltage AC100-240V"
3. Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle (°)	Input Voltage (V)	Ik rate	Adjustable (Y/N)
82731	3x1W LED	8°/15°/25°/30°/45°/60°	DC12V/24V/	IK08	Y
82731H	3x1W LED	8°/15°/25°/30°/45°/60°	AC100-240V	IK08	Y
82732	3x2W LED	8°/15°/25°/30°/45°/60°	DC12V/24V/	IK08	Y
82732H	3x3W LED	8°/15°/25°/30°/45°/60°	AC100-240V	IK08	Y

LED underground light/Inground up light



HEB2511*SS
/stainless steel trim



HEB2511
/aluminum trim

Optional accessories

a. With Diffused glass



b. Honeycomb Louver



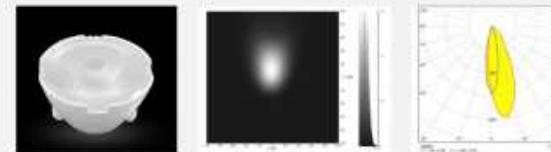
Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of 50 class I/ASTM class 4B
Trim:	Stainless steel or Aluminum
Lens:	Optical lens, efficiency 25%
Glass:	Tempered step glass T=7mm
Glass pressure capacity:	Full area = 1700kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	H05RN-F 2*0.75mm ² L=0.5m (low voltage) H05RN-F 3*0.75mm ² L=0.5m (for single color/high voltage) H05RN-F 4*0.75mm ² L=0.5m (for RGB)
Mounting sleeve:	ABS

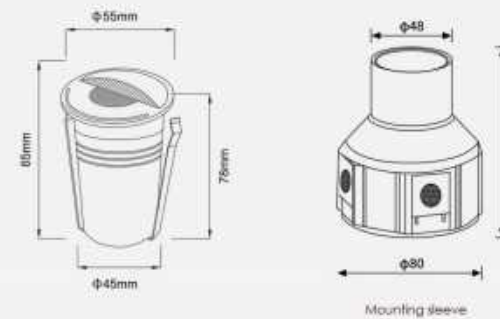


Asymmetrical lens:

CREE XPE2 / FWHM: 18°/28°/10°



Outer Dimensions: _____ Unit:mm



Rear view

*Note :

1. "SS" means Stainless Steel
2. Any special customized, to be confirmed

Item No.	light source	Lens beam angle()	Consumption (watt)	Input Voltage (V)	Life rate
HEB2511*SS/HEB2511	1x1W LED	8°/15°/30°/45°/60°	1.2	DC12V DC24V AC100-240V	50k
HEB2512*SS/HEB2512	1x2W LED	8°/15°/30°/45°/60°	2.6	DC12V DC24V AC100-240V	50k
HEB2516*SS/HEB2516	1x3W RGB3in1 LED	30°/45°/60°	3.1	DC12V DC24V	50k

LED underground light/Inground up light



HEX82512*SS
/stainless steel trim



HEX82512
/aluminum trim

Optional accessories

a. Asymmetrical lens



b. Honeycomb Louver



c. Plastic back box



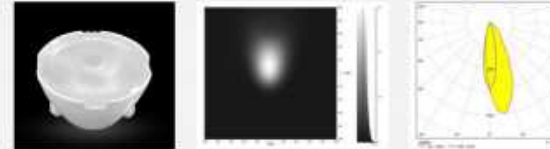
Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=40-80um Adhesion of ISO class 1/ASTM class 4B
Trim:	Stainless steel or Aluminum
Lens:	Optical lens, efficiency 88.5%
Glass:	Tempered step glass 3=7mm
Glass pressure capacity:	Full area = 1700kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C - 40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m (low voltage) H05RN-F 3x0.75mm ² L=0.5m (for single color/high voltage)
Mounting sleeve:	ABS

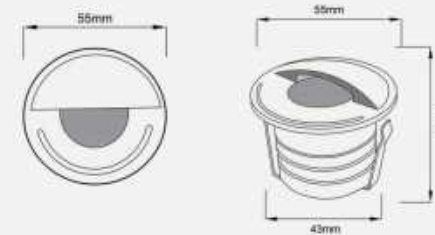


Asymmetrical lens:

CREE XPE2 / FWHM:18°28P10°



Outer Dimensions: _____ Unit:mm



Rear view

*Note:

1. "SS" means Stainless Steel
2. Any special customized, to be confirmed

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life
HEX82511*SS/ HEX82511	1x1W LED	8°/15°/30°/45°/60°	1.2	DC12V/DC24V AC100-240V	08
HEX82512*SS/ HEX82512	1x2W LED	8°/15°/30°/45°/60°	2.6	DC12V/DC24V AC100-240V	08

High Quality COB Underground Light

with stainless steel face cover



D8290128(H)/D8290158(H)

Material specifications

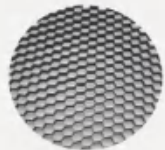
Housing	Pure aluminum 6063# housing, outdoor powder painted or anti-UV anodized
Front cover:	Stainless steel 316L# or 304#
Glass:	Tempered 5/6p glass T = 10mm
Lens:	High quality optical lens, efficiency ≥ 85%
Cable gland:	M12 nickel coated copper
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	HO5RN-F2*0.75mm² L=0.5m (low voltage) HO5RN-F3*0.75mm² L=0.5m (for single color/high voltage)
Mounting sleeve:	Aluminum back box



side view

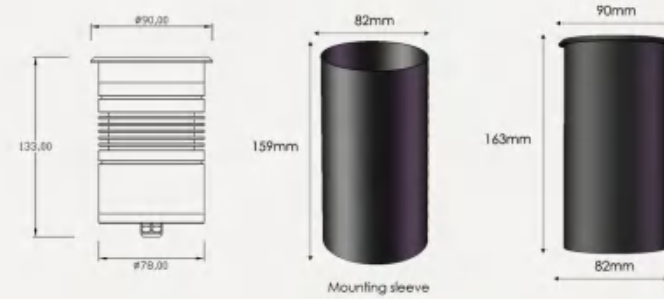
Optional accessories:

Honeycomb Louver



- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- Optics
 - 12°/24°/38°

Outer Dimensions: _____ Unit : mm



***Note:**

1. Item No. with "H" stands for "input voltage AC 100-240V"
3. Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Ik rate
D8290128(H)	1x12W CREE COB LED	12°/24°/38°	12	DC24V AC100-240V	08
D8290158(H)	1x15W CREE COB LED	12°/24°/38°	16	DC24V AC100-240V	08

Deep anti-glare design- LED underground light



B82711DA/B82712DA



Outer Dimensions: _____ Unit:mm



side view

***Note :**

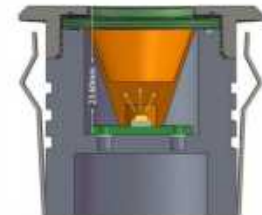
1. Item No. with "H" stands for "input voltage AC100-240V"
2. Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
B82711DA(H)	1x1W LED	8°/15°/30°/45°/60°	1.2	DC12V/DC24V AC100-240V	08
B82712DA(H)	1x3W LED	8°/15°/30°/45°/60°	2.6	DC12V/DC24V AC100-240V	08

Material specifications

Housing	Pure aluminum 6063# housing, outdoor powder painted or anti-UV anodized
Front cover:	Stainless steel 316L# or 304#
Glass:	Step tempered glass T=6mm
Lens:	High quality optical lens, efficiency>85%
Cable gland:	IP-68 M12 nickel coated copper
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m (low voltage) H05RN-F 3x0.75mm ² L=0.5m (for single color/high voltage)
Mounting sleeve:	Plastic

3D Sectional view



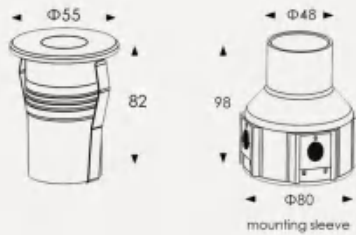
Deep anti-glare design- LED underground light



82511DA/82512DA



Outer Dimensions: _____ Unit:mm



Rear view

***Note :**

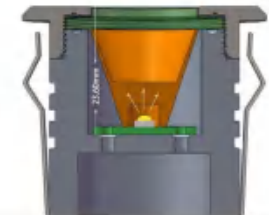
1. Item No. with "H" stands for "input voltage AC100-240V"
2. Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	k rate
82511DA(H)	1x1W LED	8°/15°/30°/45°/60°	1.2	DC12V/DC24V AC100-240V	08
82512DA(H)	1x3W LED	8°/15°/30°/45°/60°	2.6	DC12V/DC24V AC100-240V	08

Material specifications

Housing:	Pure aluminum 6063# housing, outdoor powder painted or anti-UV anodized
Front cover:	304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T=7mm
Glass pressure capacity:	Full area =1700kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	H05RN-F 2x0.75mm² L=0.5m (low voltage) H05RN-F 3x0.75mm² L=0.5m (for single color/high voltage)
Mounting sleeve:	ABS

3D Sectional view

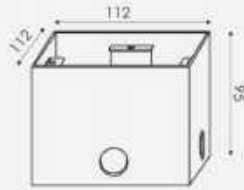
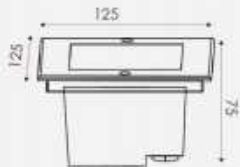


Square Underground wall washer light -Stainless steel trim-



82842P(H)

Outer Dimensions: _____ Unit:mm



mounting sleeve



side view

Material specifications

Housing	ADC12#Die-casting powder coated aluminum, T=60-80um Adhesion of 50class 1/ASTMclass 4B
Front cover:	Stainless steel 316L# or 304#
Glass:	Tempered Step glass T = 8mm
Lens:	High quality optical lens, efficiency>85%
Gasket:	Molding shaped silicone seal
Glasspressure capacity:	Fulload=2500kgs
Operating temperature:	-20°C~40°C
Power cable:	HO3RN-F 2*0.75mm² (L=0.5m/low voltage) HO3RN-F 3*0.75mm² (L=0.5m/for single color/high voltage)
Mounting sleeve:	Power coated iron T=1.5mm



112°x62°



Item No.	Light source	Lens beam angle (°)	Consumption (Watt)	Input Voltage (V)	Life rate
82842P(H)	4x2W LED	112°x62°	8.5	DC24V/AC100-240V	08

Distribution Curve Flux

Lens beam angle:112°x62° / Efficiency:78%



Underground Wall Washer light -assymmetrical lens-



827128P

Outer Dimensions: _____ Unit:mm



side view

mounting sleeve

Distribution Curve Flux

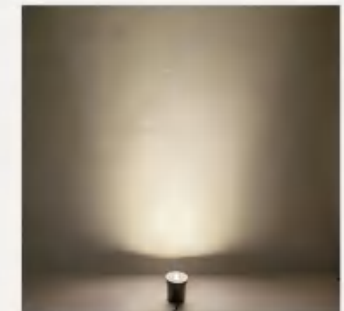
Source: CXM-4



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
827128P	1x10W LED	20°x50° P20	10.0	DC24V/AC100-240V	08

Material specifications

Housing	Pure aluminum 6063# housing, outdoor powder painted or anti-UV anodized
Front cover:	Stainless steel 316L# or 304#
Glass:	Step tempered glass T = 8mm
Lens:	High quality optical lens, efficiency>85%
Cable gland:	IP-68 M12 nickel coated copper
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm² L=0.5m(low voltage) H05RN-F 3x0.75mm² L=0.5m(for single color/high voltage)
Mounting sleeve:	Aluminum back box



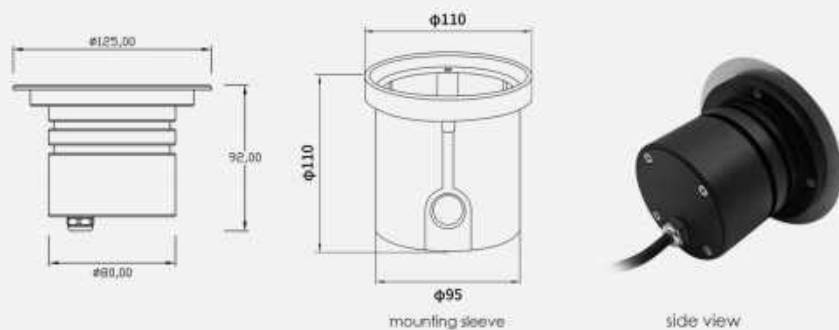
Luminous effect diagram

Ground Recessed Wall Washer- Polarization Underground light



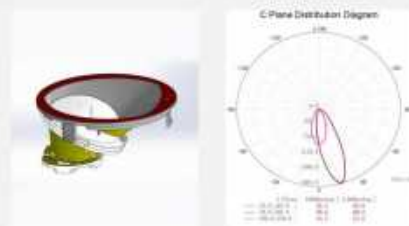
827138P

Outer Dimensions: _____ Unit:mm



Distribution Curve Flux

CREE-1507 / Lens beam angle: P30°



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life time
827138P	1x10W LED	P30°	10.0	DC24V/AC100-240V	08

Material specifications

Housing	Pure aluminum 6063# housing, outdoor powder painted or anti-UV anodized
Front cover:	Stainless steel 316L# or 304#
Glass:	Step tempered glass T = 8mm
Lens:	High quality optical lens, efficiency>85%
Cable gland:	IP-68 M12 nickel coated copper
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm² L=0.5m/low voltage/ H05RN-F 3x0.75mm² L=0.5m/for single color/high voltage)
Mounting sleeve:	ABS



Luminous effect diagram

Underground wall washer light -antiglare design-DC only



821805D

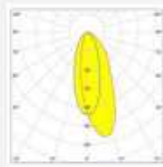
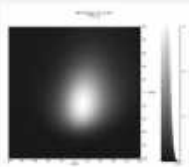
Outer Dimensions: _____ Unit:mm



mounting sleeve

Asymmetrical lens:

CREE-1520 / FWHM:30x40°



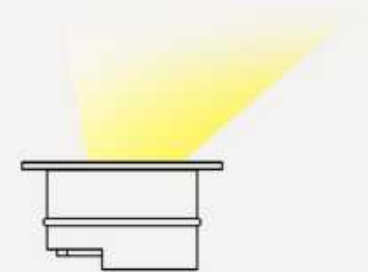
side view



Item No.	Light source	Lens beam angle (°)	Consumption (Watt)	Input Voltage (V)	Life
821805D	1x4W LED	30x40°	4.5	DC12V/DC24V	08

Material specifications

Housing	Pure aluminum 6063# housing, outdoor powder painted or anti-UV anodized
Front cover:	Stainless steel 316L# or 304#
Glass:	Tempered Step glass T = 12mm
Lens:	High quality optical lens, efficiency>85%
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.3m (low voltage)
Mounting sleeve:	Aluminum back box



Asymmetrical 30x40°

Underground wall washer light -antiglare design-



821806(H)

Outer Dimensions: _____ Unit:mm



Material specifications

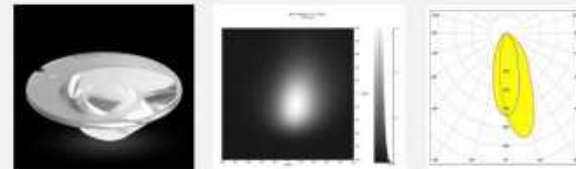
Housing	Pure aluminum 6063# housing, outdoor powder painted or anti-UV anodized
Front cover:	Stainless steel 316L# or 304#
Glass:	5tep tempered glass T= 12mm
Lens:	High quality optical lens, efficiency>85%
Cable gland:	IP-68 M12 nickel coated copper
Gasket:	Making shaped silicone seal
Operating temperature:	-30°C ~ 40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage) H05RN-F 3x0.75mm ² L=0.5m(for single color high voltage)
Mounting sleeve:	Aluminum back box



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
821806(H)	7W LED	30°x40°	7.2	DC12V/DC24V AC100-240V	08

Asymmetrical lens:

CREE-1520 / FWHM:30°x40°



side view

Deep anti-glare design- Polarization Underground light



821908(H)

Reflector



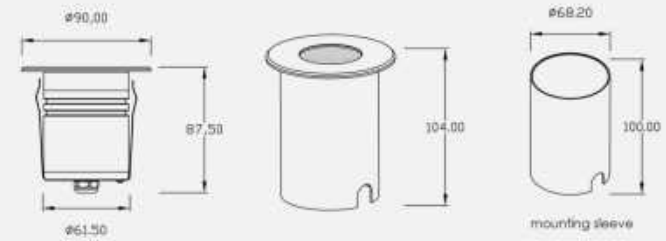
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life (hrs)
821908(H)	7W LED	P10°/ Reflector 15/24/36/60°	7.2	DC12V/DC24V AC100-240V	08

Material specifications

Housing	Pure aluminum #6063# housing, outdoor powder painted or anti-UV anodized
Front cover:	Stainless steel 316L# or 304#
Glass:	3step tempered glass t = 12mm
Lens:	High quality optical lens, efficiency>85%
Cable gland:	IP-68 M12 nickel coated copper
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm² L=0.5m (low voltage) H05RN-F 3x0.75mm² L=0.5m (for single color/high voltage)
Mounting sleeve:	Aluminum back box

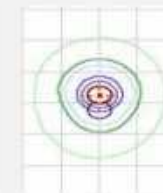
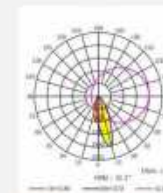


Outer Dimensions: Unit:mm



Asymmetrical lens:

CREE-1507 / FWHM:P10°



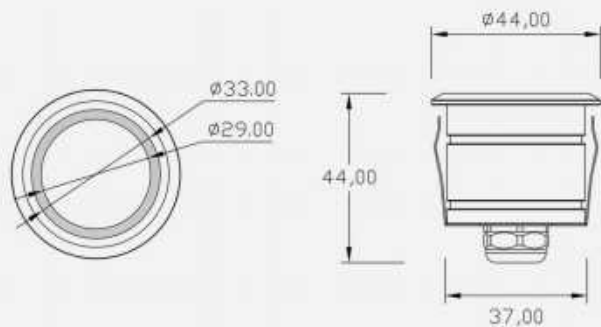
side view

MINI LED underground light



1OR1207

Outer Dimensions: _____ Unit:mm



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
1OR1207	12° OSRAM 2835	120°	2.5	DC24V	08



Effect reference



Material specifications

Housing	Pure aluminum 6063# housing, outdoor powder painted or anti-UV anodized
Front cover	Stainless steel 316L# or 304#
Glass	Ultra white transparent tempered glass
Diffuser	Milk white asigmatism, efficiency>85%
Cable gland	IP-68 nickel coated copper
Gasket	Molding shaped silicone seal
Operating temperature	-20°C~40°C
Power cable	H05RN-F 2x0.75mm ² L=0.5m(low voltage)

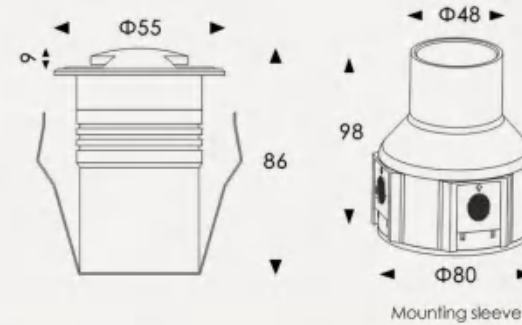
Side-emitting inground light with stainless steel face cover



Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
Front cover:	Hard chrome plate 304# or 316# Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	PMMA diffuser
Glass pressure capacity:	> 1200kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C ~ 40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m (low voltage) H05RN-F 3x0.75mm ² L=0.5m (for single color/high voltage) H05RN-F 4x0.75mm ² L=0.5m (for RGB)
Mounting sleeve:	ABS

Outer Dimensions: Unit:mm



*Note:

1. Item No. with "H" stands for "input voltage AC100-240V"
2. Any special customization, to be confirmed with us



Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage (V)	Ik rate
1E82511(H)/2E82511(H)/4E82511(H)	1x1W LED	120°	1.2	DC12V DC24V AC100-240V	10
1E82512(H)/2E82512(H)/4E82512(H)	1x2W LED	120°	2.6	DC12V DC24V AC100-240V	10
1E82514/2E82514/4E82514	1x3W RGB3in1 LED	120°	3.1	DC12V DC24V	10

Side-emitting inground light with stainless steel face cover



1EB4311/1EB4312/1EB4316



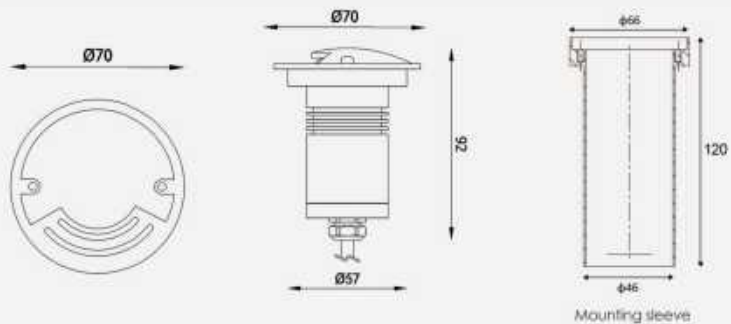
2EB4311/2EB4312/2EB4316



4EB4311/4EB4312/4EB4316

Outer Dimensions:

Unit:mm



Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of 5C class 1/ASTM class 4B
Front cover:	Hard chrome plate 304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	PMMA diffuser
Glass pressure capacity:	> 1500kg
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C - 40°C
Power cable:	H05RN-F 2×0.75mm ² L=0.5m(low voltage) H05RN-F 3×0.75mm ² L=0.5m(for single color/high voltage) H05RN-F 4×0.75mm ² L=0.5m(for RGB)
Mounting sleeve:	ABS



*Note:

- Item No. with "H" stands for "input voltage AC100-240V"
- Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Life rate
1EB4311(H)/2EB4311(H)/ 4EB4311(H)	1x1W LED	120°	1.2	DC12V DC24V AC100-240V	10
1EB4312(H)/2EB4312(H)/ 4EB4312(H)	1x2W LED	120°	2.6	DC12V DC24V AC100-240V	10
1EB4316/2EB4316/4EB4316	1x3W RGB-in1 LED	120°	3.1	DC12V DC24V	10

Strong load-bearing capacity

Driver-over with stainless steel face cover



1E82567

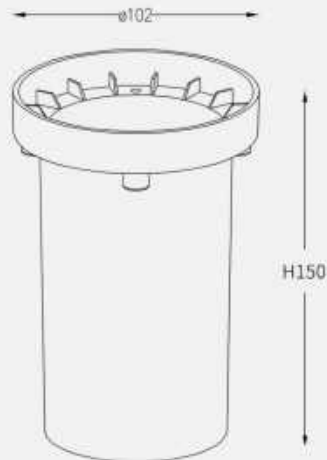
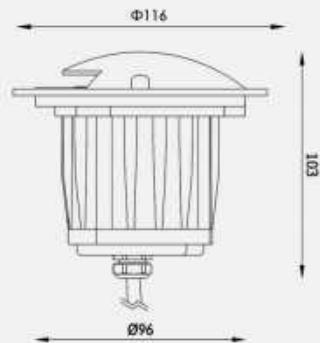


2E82567



4E82567

Outer Dimensions: _____ Unit:mm



Mounting sleeve



Material specifications

Housing:	Outdoor dark grey powder coated aluminum T=60-80um Adhesion of ISO class I/ASTM class 4B
Front cover:	Hard chrome plate 304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>80%
Glass:	PMMA diffuser
Gas pressure capacity:	>1800kgf
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C - 40°C
Power cable:	H05RN-F 2*0.75mm ² L=0.5m (low voltage) H05RN-F 3*0.75mm ² L=0.5m (for single color /high voltage) H05RN-F 4*0.75mm ² L=0.5m (for RGB)
Mounting sleeve:	ABS

*Note:

1. Item No. with "H" stands for "input voltage AC100-240V"
2. Any special customization, to be confirmed with us

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Qty/case
1E82567(H)/2E82567(H)/4E82567(H)	1w WCOB LED	120°	6.5	DC12V DC24V AC100-240V	10
1E825157(H)/2E825157(H)/4E825157(H)	OSRAM 2835*18pcs	120°	5	DC12V DC24V AC100-240V	10
1E82536/2E82536/4E82536	3kW RGB*1 LED	120°	9.1	DC12V DC24V	10

Strong load-bearing capacity

Drive-over inground light/stainless steel face cover



1E826068/1E826108/1E826158



2E826068/2E826108/2E826158



4E826068/4E826108/4E826158



Plastic mounting sleeve

Outer Dimensions: _____ Unit:mm



For 1E826XX8/2E826XX8



For 4E826XX8



plastic mounting sleeve

Material specifications

Housing:	Outdoor dark gray, powder coated aluminum T=40-80um Adhesion of ISO class 1/ASTM class 4B
Front cover:	Hard chrome plate 304# or 316#Stainless Steel
Lens:	Optical lens, efficiency>85%
Glass:	PMMA diffuser
Glass pressure capacity:	>2000kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-30°C ~ 40°C
Power cable:	H05RN-F 2*0.75mm ² L=0.5m (low voltage) H05RN-F 3*0.75mm ² L=0.5m (for single color/high voltage) H05RN-F 4*0.75mm ² L=0.5m (for RGB)
Mounting sleeve:	ABS



bottom view



*Note:

- Item No. with "H" stands for "input voltage AC100-240V"
- Any special customization, to be confirmed with us

Item No.	Light source	Consumption (watt)	Input Voltage (V)	Life rate
1E826068(H)/2E826108(H)/4E826158(H)	1x8W COB LED	8.1	DC12V DC24V AC100-240V	10
1E826307(H)/2E826307(H)/4E826307(H)	3x3W 3030 SMD	10	DC24V/100-240V	10
1E826158(H)/2E826158(H)/4E826158(H)	1x15W COB LED	15.2	DC12V DC24V AC100-240V	10

IP67 ULTRA-THIN UNDERGROUND LIGHT



XE826307UM
(Dia:172mm)



□□ Page1

□□ Page1

□□ Page1

XE825187UM
(Dia:116mm)



□□ Page3

□□ Page3

□□ Page3

XE84367UM
(Dia:70mm)



□□ Page5

□□ Page5

□□ Page5

XE82512UM
(Dia:55mm)



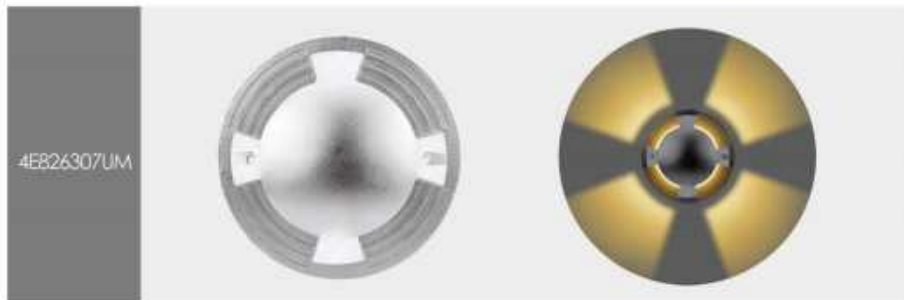
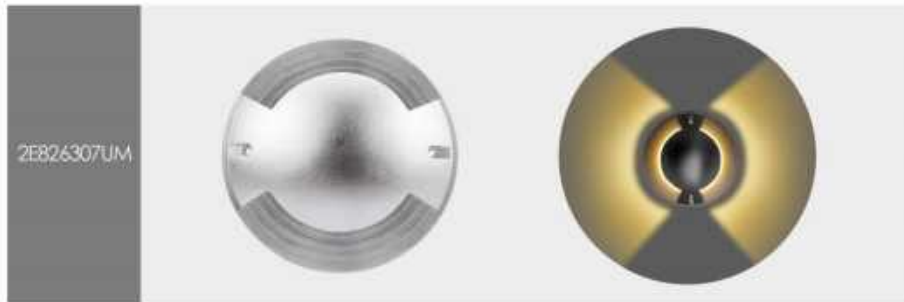
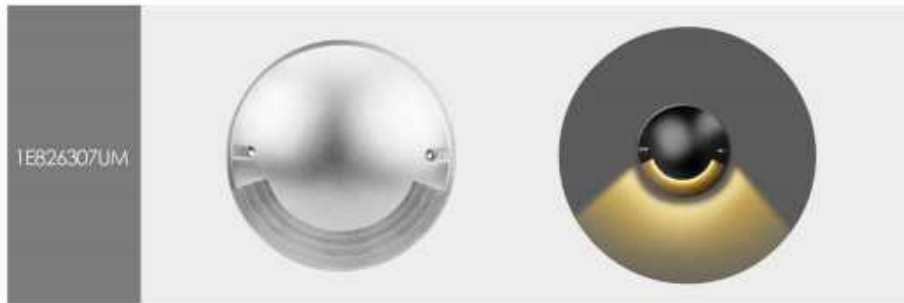
□□ Page7

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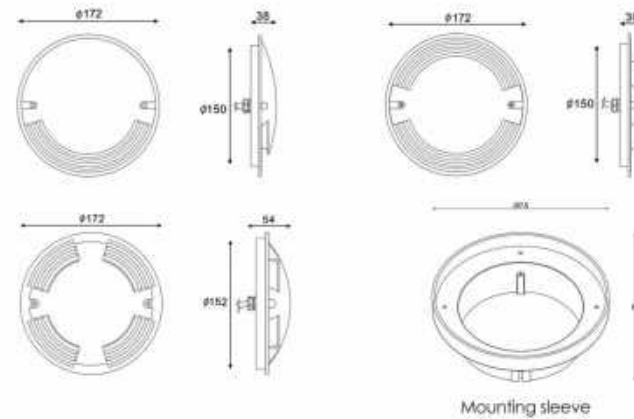
□□ Page7

► IP67 Ultra thin side-emitting Underground Light

Driver-over LED Light/Stainless Steel trim



Size (unit : mm)



Material specifications

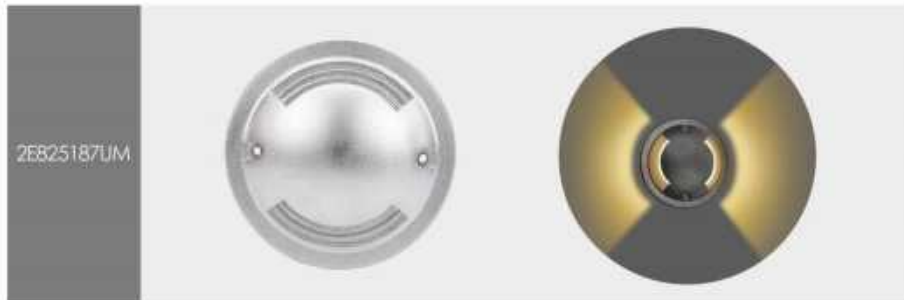
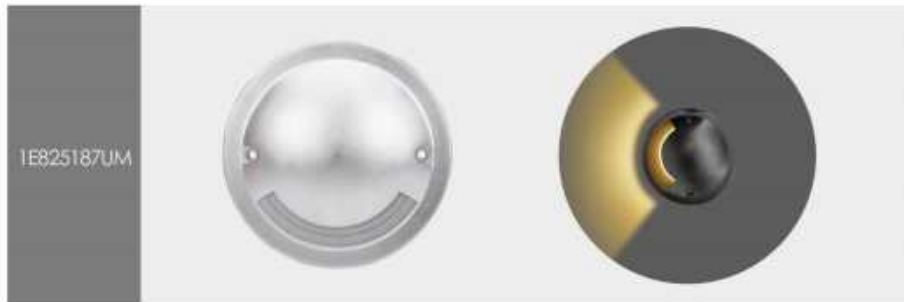
Housing:	Pure aluminum 6063# housing, outdoor powder painted or anti-UV anodized
Front cover:	Hard chrome plate 304# or 316#Stainless Steel
Diffuser:	PMMA
Pressure capacity:	>2000kg
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage) H05RN-F 4x0.75mm ² L=0.5m(for RC8)
Mounting sleeve:	PVC



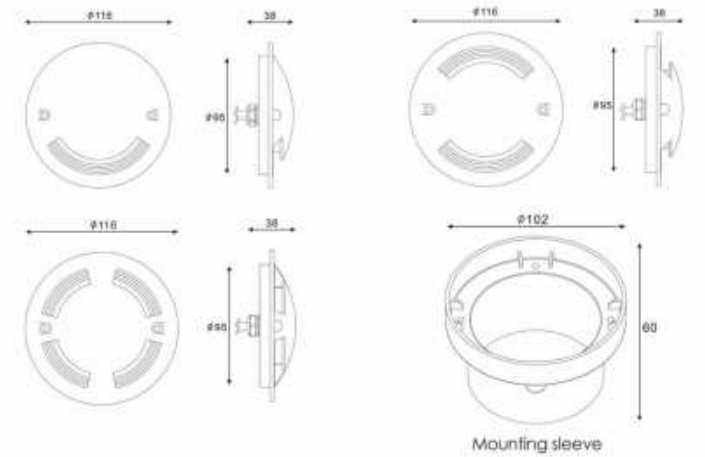
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Ik rate
1E826307UM	OSRAM SMD LED	One window	10.0	DC24V	10
2E826307UM	OSRAM SMD LED	Two windows	10.0	DC24V	10
4E826307UM	OSRAM SMD LED	Four windows	10.0	DC24V	10

► IP67 Ultra thin side-emitting Underground Light

Driver-over LED Light/Stainless Steel trim



Size (unit : mm)



Material specifications

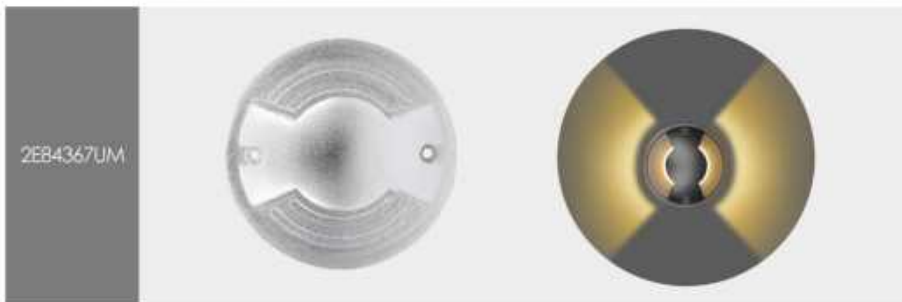
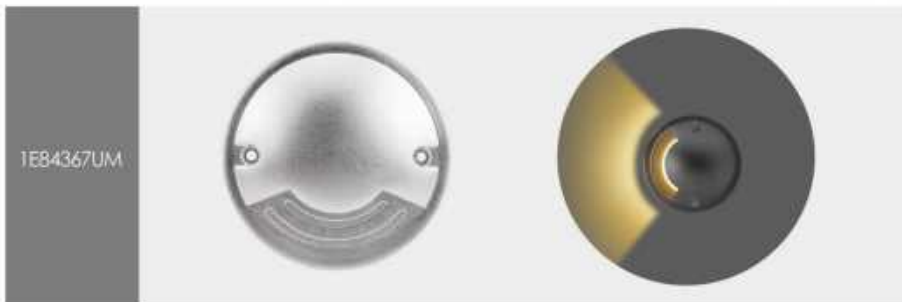
Housing:	Pure aluminum 6063# housing, outdoor powder painted or anti-UV anodized
Front cover:	Hard chrome plate 304# or 316#Stainless Steel
Diffuser:	PMMA
Pressure capacity:	>1800kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage) H05RN-F 4x0.75mm ² L=0.5m(for RGB)
Mounting sleeve:	PVC



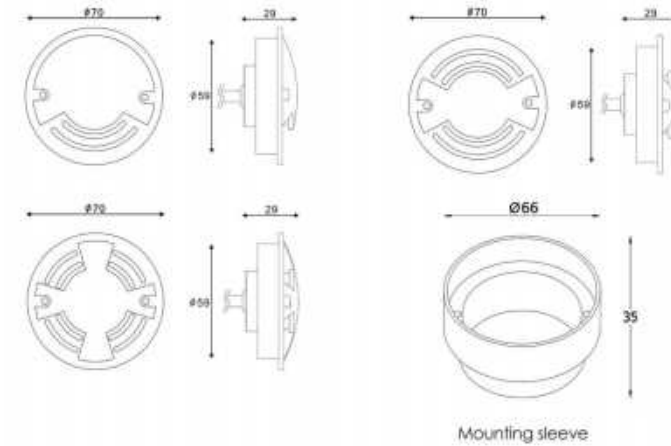
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	ℓ rate
1E825187UM	OSRAM SMD LED	One window	6.0	DC24V	10
2E825187UM	OSRAM SMD LED	Two windows	6.0	DC24V	10
4E825187UM	OSRAM SMD LED	Four windows	6.0	DC24V	10

► IP67 Ultra-thin Underground Light

Stainless Steel trim



Size (unit : mm)



Material specifications

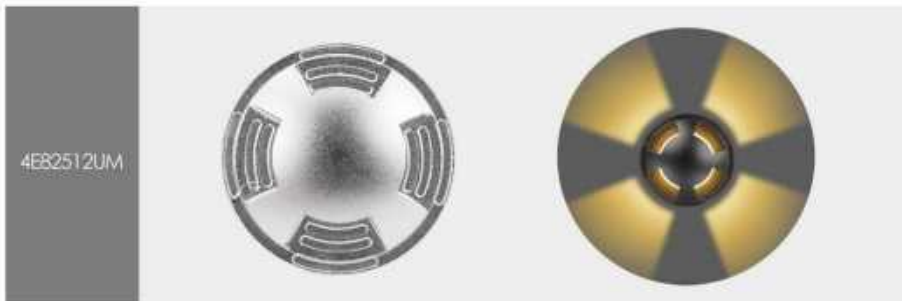
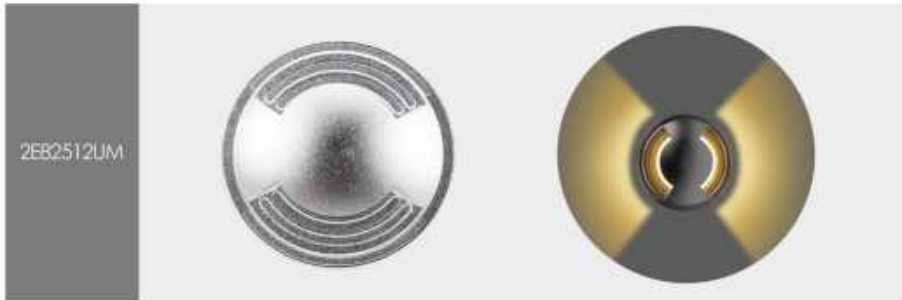
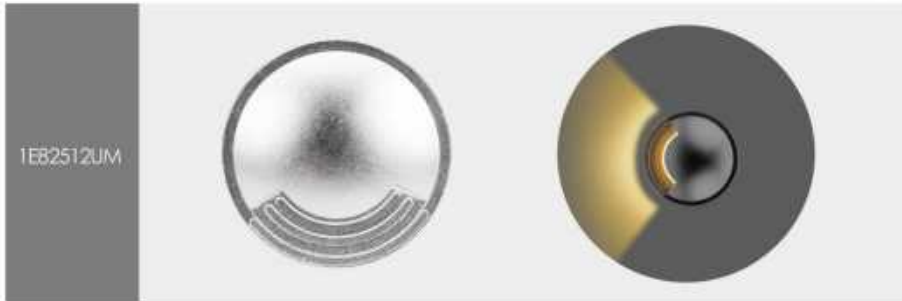
Housing:	Pure aluminum 6063# housing, outdoor powder painted or anti-UV anodized
Front cover:	Hard chrome plate 304# or 316#Stainless Steel
Diffuser:	PMMA
Pressure capacity:	> 1500kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage) H05RN-F 4x0.75mm ² L=0.5m(for RGB)
Mounting sleeve:	PVC



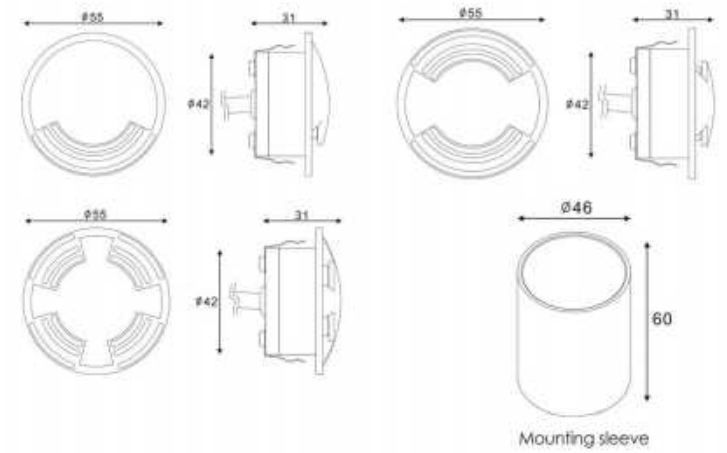
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
1EB4367UM	OSRAM SMD LED	One window	2.4	DC24V	10
2EB4367UM	OSRAM SMD LED	Two windows	2.4	DC24V	10
4EB4367UM	OSRAM SMD LED	Four windows	2.4	DC24V	10

▶ IP67 Ultra-thin Underground Light

Stainless Steel trim



Size (unit : mm)



Material specifications

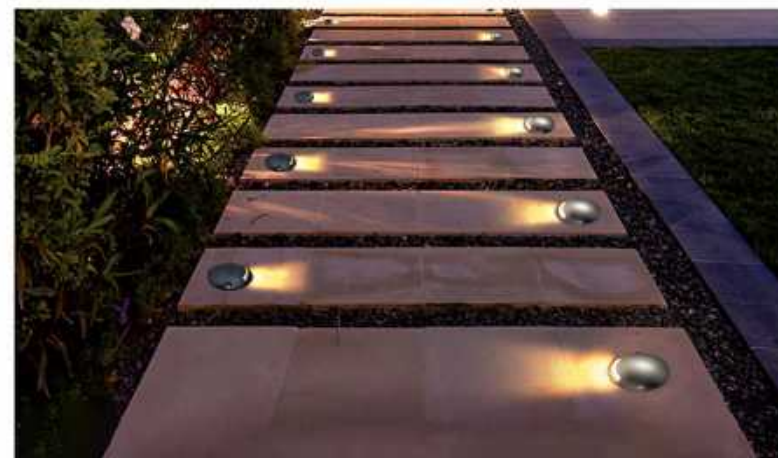
Housing:	Pure aluminum 6063# housing, outdoor powder painted or anti-UV anodized
Front cover:	Hard chrome plate 304# or 316#Stainless Steel
Diffuser:	PMMA
Pressure capacity:	>1200kgs
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage) H05RN-F 4x0.75mm ² L=0.5m(for RGB)
Mounting sleeve:	Aluminum back box



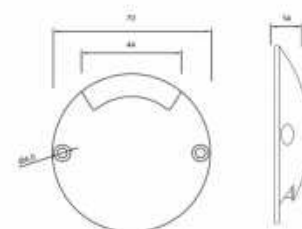
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
1EB2512UM	1x2W LED	One window	2.0	DC12V/DC24V	10
2EB2512UM	1x2W LED	Two windows	2.0	DC12V/DC24V	10
4EB2512UM	1x2W LED	Four windows	2.0	DC12V/DC24V	10

▶ IP67 Ultra-thin step light & Pathway lights

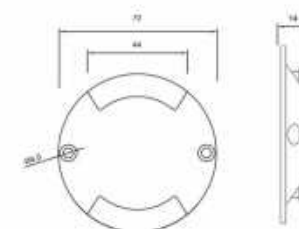
Pure aluminum 6063#



Outer Dimensions: _____ Unit : mm



1EC84337



2EC84367

Material specifications:

Housing&face cover:	Pure aluminum 6063# , outdoor powder painted or anti-UV anodized
Diffuser:	PMMA T=5mm
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage)

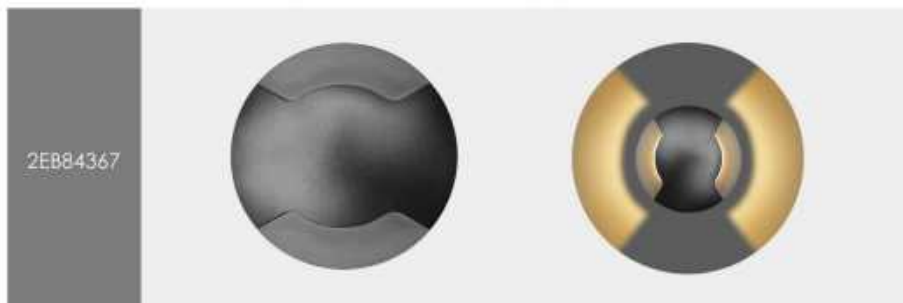
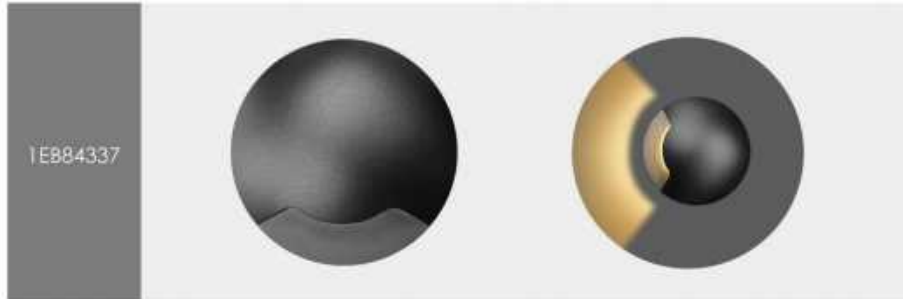


back view

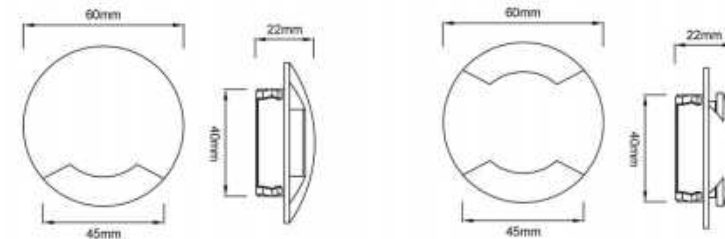
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
1EC84337	3xSMD2835	One window	1.5W	DC12V/DC24V	08
2EC84367	6xSMD2835	Two windows	3W	DC12V/DC24V	08

▶ IP67 Ultra-thin step light & Pathway lights

Pure aluminum 6063#



Outer Dimensions: _____ Unit : mm



1E884337

2E884367

Material specifications:

Housing&face cover:	Pure aluminum 6063# , outdoor powder painted or anti-UV anodized
Diffuser:	PMMA T=5mm
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0.75mm ² L=0.5m(low voltage)

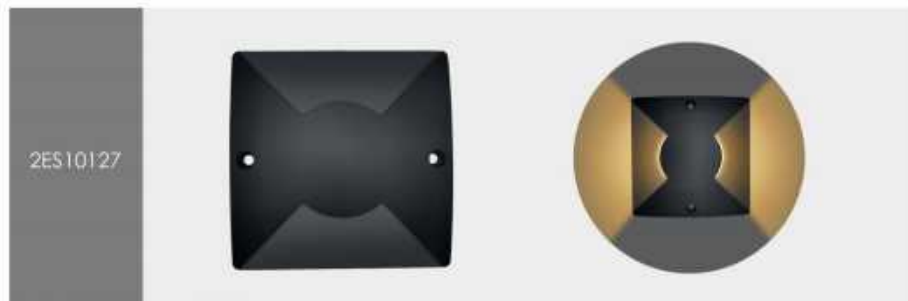
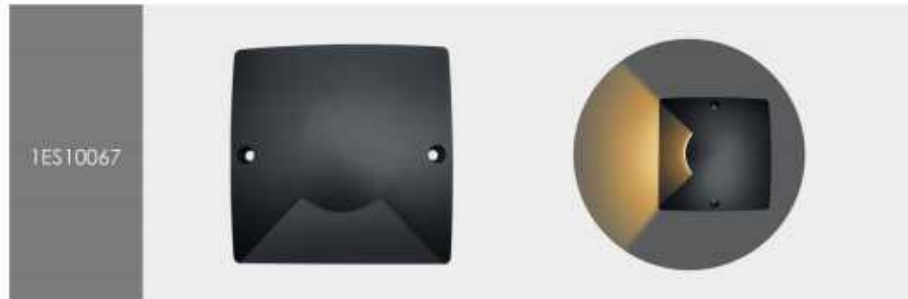


back view

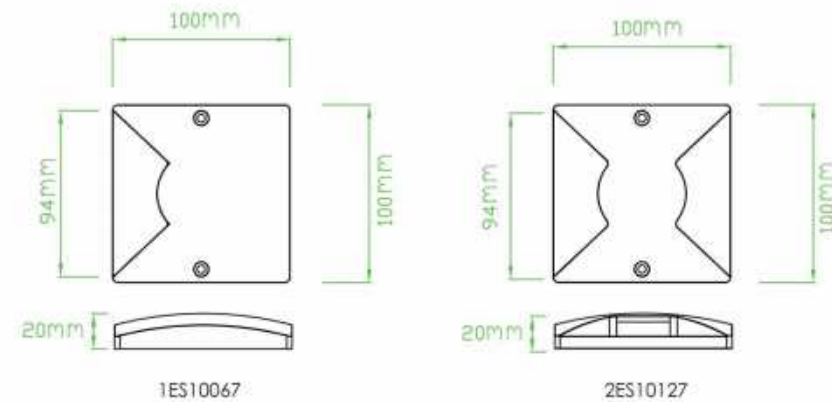
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life time
1E884337	3xSMD2835	One window	1.5W	DC12V/DC24V	08
2E884367	6xSMD2835	Two windows	3W	DC12V/DC24V	08

▶ IP67 Square ultra-thin step light & Pathway lights

Pure aluminum 6063#



Outer Dimensions: _____ Unit : mm



Material specifications:

Housing&face cover:	Pure aluminum 6063# , outdoor powder painted or anti-UV anodized
Diffuser:	PMMA
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2x0,75mm ² L=0.5m(low voltage)

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life
1ES10067	3xSMD2835	One window	1.5W	DC12V/DC24V	08
2ES10127	6xSMD2835	Two windows	3W	DC12V/DC24V	08



IP68
OUTDOOR RATED

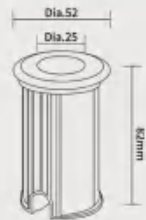
LED Recessed Swimming Pool Light Series



▶ Mini Underwater LED Inground Light & Tiny type swimming pool light



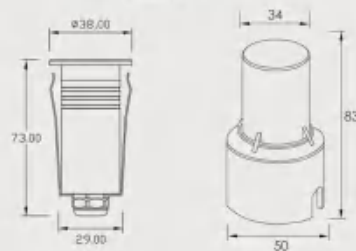
90011A
90012A



90011A/90012A
outer dimensions



90011B
90012B

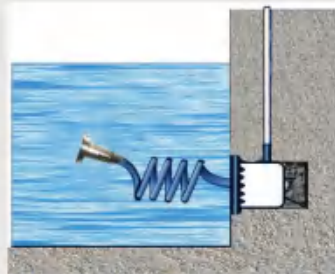


90011B/90012B
housing dimensions

Mounting sleeve

Material specifications

Front cover&Housing:	Molding shaped 304 [#] or 316L [#] stainless steel
Glass:	Step tempered glass T=4mm
Lens:	High quality optical lens, efficiency>85%
Cablegland:	IP68 PG9 nickel coated copper
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity$2.0w/mk$
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuits output
Application environment:	Temperature of water between -20°C -40°C less than 1.0 meter depth.
Mounting sleeve:	Plastic sleeve
Power cable:	H05RN-F 2x0.75mm ² L=1m(for Single color) H05RN-F 4x0.75mm ² L=1m(for RGB)



Water must be allowed to go inside and outside sleeve freely without leaking to the other side.

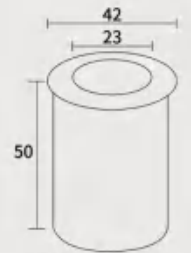
*Warning:
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.



90011
90012

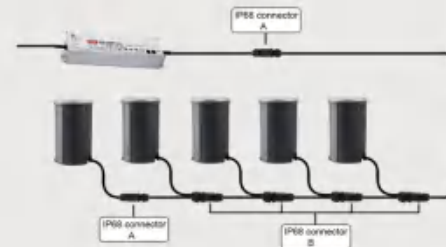


Input voltage DC12V/DC24V version



90011
90012
outer dimensions

Wiring diagram:



Material specifications

Front cover&Housing:	Molding shaped 304 [#] or 316L [#] stainless steel
Glass:	Step tempered glass T=4mm
Lens:	High quality optical lens, efficiency>85%
Cablegland:	IP68 PG9 nickel coated copper
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity$2.0w/mk$
Driver:	Constant current output Single color LED=1-circuit output
Application environment:	Temperature of water between -20°C -40°C less than 1.0 meter depth.
Mounting sleeve:	Aluminum
Power cable:	H05RN-F 2x0.75mm ² L=1m(for Single color)

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Life rate
90011	1 x 1W	15/25/45/60°	1.1	DC3V 350MA (DC12V/DC24V)	04
90012	1 x 2W	15/25/45/60°	2.2	DC3V 700MA (DC12V/DC24V)	04
90011A	1 x 1W	8/15/20/30/45/60°	1.1	DC12V/DC24V	06
90012A	1 x 2W	8/15/20/30/45/60°	2.4	DC12V/DC24V	06
90016A	1 x 3W RGB3in1	8/15/20/30/45/60°	3.2	DC12V/DC24V	06
90011B	1 x 1 W	15/25/45/60°	1.1	DC12V/DC24V	06
90012B	1 x 2W	15/25/45/60°	h.2.4	DC12V/DC24V	06

▶ Small Size Recessed LED Pool Light & Underwater Inground light

Asymmetrical lens



94311
94312
94316

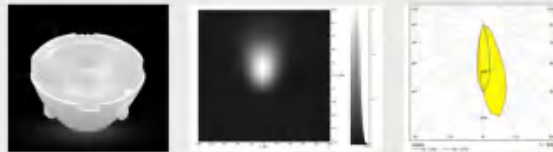


94311AS
94312AS
94316AS

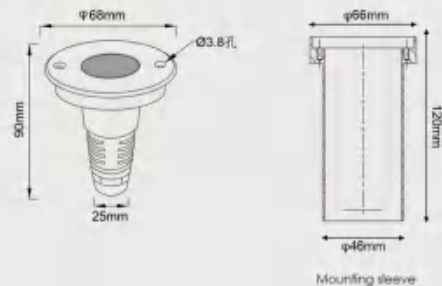


Asymmetrical lens:

CREE XPE2 / FWHM: 18°/28°/10°

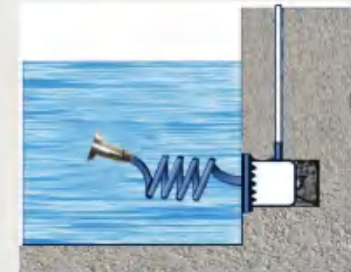


Outer Dimensions: _____ Unit:mm



Material specifications

Housing & front cover:	Molding shaped 304° or 316L° stainless steel
Glass:	Step tempered glass T=7mm
Lens:	High quality optical lens, efficiency 285%
Cable gland:	P-68 PG-11 copper and nickel coated
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity 22.0w/mk
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuits output
Power cable:	H05RN-F 2*0.75mm² L=2m (for Single color) H05RN-F 4*0.75mm² L=2m (for RGB)
Application environment:	Temperature of water between -20°C 40°C less than 1.0 meter depth,
Mounting sleeve:	Plastic



Water must be allowed to go inside and outside sleeve freely without leaking to the other side.

*Warning
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

*If the lens is Asymmetrical, the item number with "AS"

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	k rate
94311(AS)	1x1W	8°/13°/28°/30°/45°/60°	1.1W	DC12V/DC24V	07
94312(AS)	1x2W	8°/13°/28°/30°/45°/60°	2.4W	DC12V/DC24V	07
94316(AS)	1x3W RGB3in1	30°/45°/60°	3.2W	DC12V/DC24V	07

▶ Small Size Recessed LED Pool Light & Underwater Inground light



92011
92012
92016

Asymmetrical lens



92011AS
92012AS
92016AS

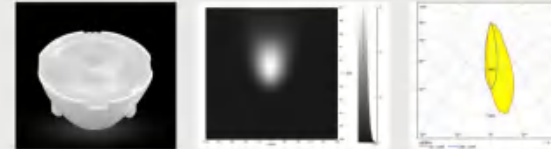
Material specifications

Housing & Front cover:	Molding shaped 304* or 316L* stainless steel
Glass:	Step tempered glass T=7mm
Lens:	High quality optical lens, efficiency 285%
Cable gland:	IP-68 PG-11 copper and nickel coated
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity 220w/mk
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuits output
Power cable:	H05RN-F2*0.75mm ² L=2m (for single color) H05RN-F4*0.75mm ² L=2m (for RGB) H05RN-F5*0.5mm ² L=2m (for RGBW)
Application environment:	Temperature of water between -20°C 40°C less than 1.0 meter depth.
Mounting sleeve:	Plastic

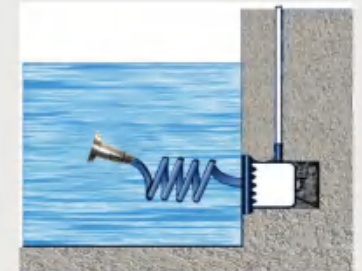


Asymmetrical lens:

CREE XPE2 / FWHM:18°28P10°



Outer Dimensions: _____ Unit:mm



Water must be allowed to go inside and outside sleeve freely without leaking to the other side.

***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

*If the lens is Asymmetrical, the item number with "AS"

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Life rate
92011(AS)	1x 1W	8/15/25/30/45/60°	1.1W	DC12V/DC24V	07
92012(AS)	1x2W	8/15/25/30/45/60°	2.4W	DC12V/DC24V	07
92014(AS)	1x3W RGB3in1	30/45/60°	3.2W	DC12V/DC24V	07
92019(AS)	1x4W RGBW4in1	30/45/60°	4.1W	DC12V/DC24V	07

▶ Stainless Steel LED Swimming Pool Light

Asymmetrical lens



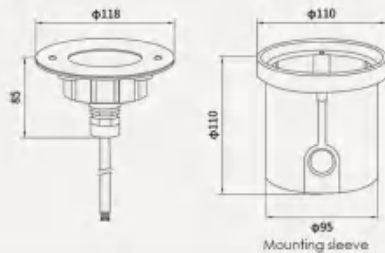
94631
94632
94636



94631AS
94632AS
94636AS



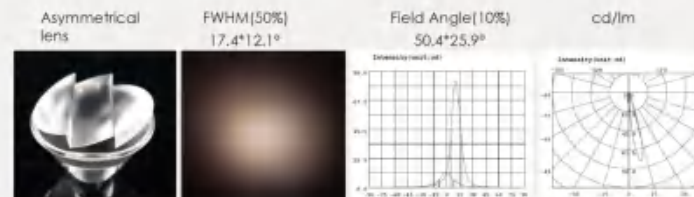
Outer Dimensions: _____ Unit:mm



*If the lens is Asymmetrical, the item number with "AS"

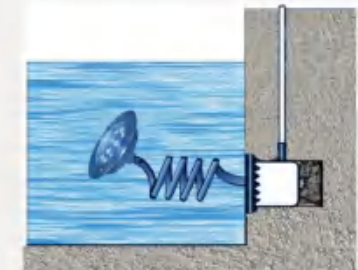
Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Life rate
94631(AS)	3x1W LED	8°/15/25/30/45/60°	3.3W	DC12V/DC24V	08
94632(AS)	3x2W LED	8°/15/25/30/45/60°	7W	DC12V/DC24V	08
94633(AS)	3x1W RGB	8°/15/25/30/45/60°	3.1W	DC12V/DC24V	08
94634(AS)	3x2W RGB	8°/15/25/30/45/60°	4.5W	DC12V/DC24V	08
94636(AS)	3x3W RGB3in1	25°/30/45/60°	9.2W	DC12V/DC24V	08
94629(AS)	2x3W RGBW4in1 (W=3000K 4000K 6000K)	15°/25°/30°/45°/60°	10.2W	DC12V/DC24V	08
94627(AS)	2x6W LED	15°/25°/30°/45°/60°	12.5W	DC12V/DC24V	08

Asymmetrical lens:



Material specifications

Front cover&Housing:	Molding shaped 304* or 316L* stainless steel
Glass:	Step tempered glass T=8mm
Lens:	High quality optical lens, efficiency>85%
Cable gland:	IP-68 PG-11 copper and nickel coated
MCPCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity2.0W/mK
Driver:	Constant current output Single color LED=1-circuit output RGB LED=3-circuit output RGB 3in1 LED=3-circuit output
Application environment:	Temperature of water between -20°C -40°C less than 1.0 meter depth.
Power cable:	H05RN-F 2*0.75mm ² L=2m (for Single color) H05RN-F 4*0.75mm ² L=2m (for RGB)
Mounting sleeve:	Plastic



Water must be allowed to go inside and outside sleeve freely without leaking to the other side.

*Warning:
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

▶ **Stainless steel wall recessed LED pool light**



94761
94762
94766



94791
94792
94796

▶ **LED swimming pool light**

complete stainless steel SUS304 or 316# housing & Accessories

Asymmetrical lens



94761AS
94762AS
94766AS



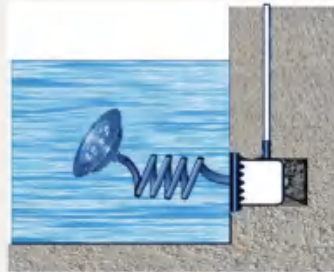
94749
94747



- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- optics
 - 8°/15°/25°/30°/45°/60°

Material specifications

Front cover & Housing:	Molding shaped 304 [#] or 316L [#] stainless steel
Glass:	Tempered glass T=8mm
Lens:	Optical lens, efficiency ≥85%
Cable gland:	IP-68 PG-11 copper and nickel coated
MCPCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity 220W/mk
Driver:	Constant current output Single color LED=1-circuit output RGB LED=3-circuit output RGB 3in1 LED=3-circuit output
Application environment:	Temperature of water between -20°C ~ 40°C less than 1.0 meter depth.
Power cable:	H05RN-F 2×0.75mm ² L=2m (for single color) H05RN-F 4×0.75mm ² L=2m (for RGB)
Mounting sleeve:	Plastic



Water must be allowed to go inside and outside sleeve freely without leaking to the other side.

***Warning:**
Must be installed under the water to prevent the light from being burnt off because of the over-heating.

*If the lens is Asymmetrical, the item number with "AS"

Item No.	Light source	Lens beam angle [°]	Consumption (watt)	Input Voltage (V)	Life rate
94761(AS)	6x1W	15°/30°/45°	6.5W	DC24V	08
94762(AS)	6x2W	15°/30°/45°	14W	DC24V	08
94766(AS)	6x3W RGB3in1	15°/30°/45°	17.8W	DC24V	08
94791	9x1W	15°/25°/45°/60°	9.6W	DC12V/DC24V	08
94792	9x2W	15°/25°/45°/60°	19.8W	DC12V/DC24V	08
94793	9x1W RGB	15°/25°/45°/60°	9.2W	DC12V/DC24V	08
94794	9x2W RGB	15°/25°/45°/60°	17.5W	DC12V/DC24V	08
94796	9x3W RGB3in1	25°/45°/60°	25.2W	DC12V/DC24V	08
94749(AS)	4x5W RGBW4in1 (W=3000K, 4000K, 6000K)	15°/25°/30°/45°/60°	20.4W	DC24V	08
94747(AS)	4x5W LED	15°/25°/30°/45°/60°	24.8W	DC24V	08

▶ Stainless steel LED swimming pool light

complete stainless steel SUS304 or 316# housing&Accessories



948121/948122/948123/948124/948126

Asymmetrical lens



948121AS/948122AS/948123AS/948124AS/948126AS

Outer Dimensions Unit:mm



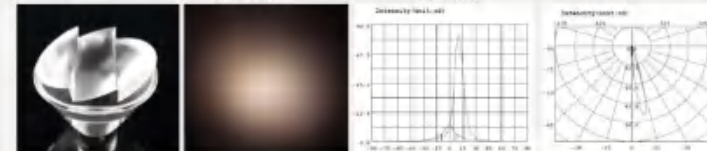
*If the lens is Asymmetrical, the item number with "AS"

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
948121(AS)	12x1W	8°/15°/25°/30°/45°/60°	12.6W	DC24V	08
948122(AS)	12x2W	8°/15°/25°/30°/45°/60°	25W	DC24V	08
948123(AS)	12x1W RGB	8°/15°/25°/30°/45°/60°	12.1W	DC24V	08
948124(AS)	12x2W RGB	8°/15°/25°/30°/45°/60°	23.8W	DC24V	08
948126(AS)	12x3W RGB3in1	25°/30°/45°/60°	35.2W	DC24V	08
948129(AS)	12x4W RGBW4in1	25°/30°/45°/60°	48.1W	DC24V	08
94869	6x5W RGBW4in1 (W=3000K,4000K,6000K)	15°/25°/30°/45°/60°	30.6W	DC24V	08
94867	6x5W LED	15°/25°/30°/60°	35.5W	DC24V	08



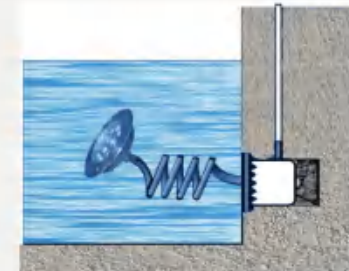
Asymmetrical lens :

Asymmetrical lens FWHM(50%) 17.4°12.1° Field Angle(10%) 50.4°25.9° cd/lm



Material specifications

Front cover&Housing:	Molding shaped 304* or 316L* stainless steel
Glass:	Tempered glass T=6mm
Lens:	Optical lens,efficiency>85%
Cable gland:	IP-68 PG-11 copper and nickel coated
MCPCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity2.0w/mk:
Driver:	Constant current output Single color LED=1-circuit output RGB LED=3-circuit output RGB 3in1 LED=6-circuit output
Application environment:	Temperature of water between -20°C ~ 40°C less than 1.0 meter depth.
Power cable:	H05RN-F2*0.75mm ² L=2m(for single color) H05RN-F4*0.75mm ² L=2m(for RGB) H05RN-F5*0.5mm ² L=2m(for RGBW)
Mounting sleeve:	Plastic



Water must be allowed to go inside and outside sleeve freely without leaking to the other side.

[†]Warning:
Must be installed under the water to prevent the light from being burnt off because of the over-heating.

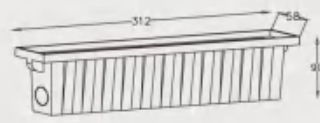
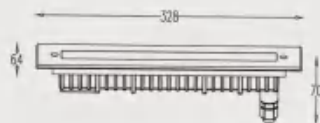
▶ Wall Recessed Underwater LED Linar Light



920461,920462,920466



Outer Dimensions: _____ Unit:mm

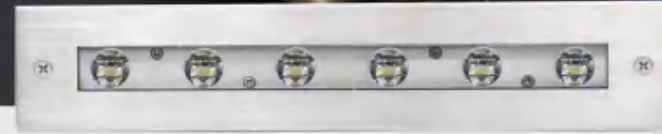


Mounting sleeve

*If the lens is Asymmetrical, the item number with"AS"

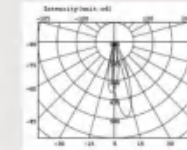
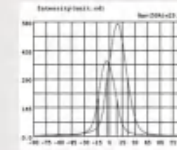
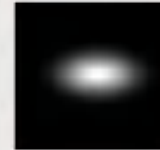
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
920461(AS)	6*1W LED	8°/15°/20°/30°/60°	6.6W	DC24V	08
920462(AS)	6*2W LED	8°/15°/20°/30°/60°	12.5W	DC24V	08
920466(AS)	6*3W RGB3in1	25°/30°/45°/60°	18.2W	DC24V	08

▶ Asymmetrical lens



Asymmetrical lens

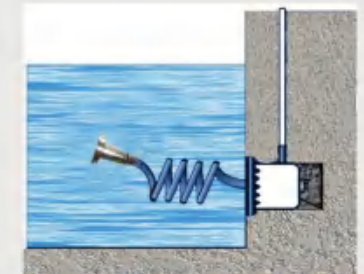
Part Number	FWHM	Field Angle*	cd / lm	IES File
01CR-10x45	17°/33°	35°/60°	4.0	contact us



Beam Pattern	Light Distribution Curve	Illuminance Distribution
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Material specifications

Front cover&Housing:	Molding shaped 304# or 316L# stainless steel
Glass:	Step tempered glass T=8mm
Lens:	High quality optical lens, efficiency 85%
Cable gland:	IP-68 PG-11 copper and nickel coated
MCPCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity 22.0w/mk
Loading Capacity:	Exert force area of $\phi 10=660\text{kg}$, $\phi 30=1840\text{kg}$
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuits output
Application environment:	Temperature of water between -20°C -40°C less than 1.0 meter depth.
Power cable:	H05RN-F 2x0.75mm ² L=2m(for Single color) H05RN-F 4x0.75mm ² L=2m(for RGB)
Mounting sleeve:	Plastic



Water must be allowed to go inside and outside sleeve freely without leaking to the other side.

*Warning:
Must be installed under the water to prevent the light from being burnt off because of the over-heating.

► Powerful LED swimming pool light

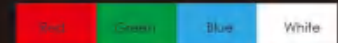
complete stainless steel SUS304 or 316# housing&Accessories



946181
946182

► RED GREEN BLUE WHITE 4 Colors Mixing LED swimming pool light

complete stainless steel SUS304 or 316# housing&Accessories



94687
94689

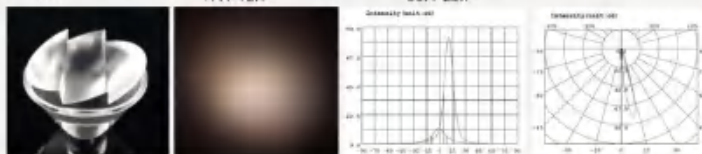
Outer Dimensions: _____ Unit:mm



back view

Asymmetrical lens:

Asymmetrical lens FWHM(50%) 17.4°12.1° Field Angle(10%) 50.4°25.9° cd/m



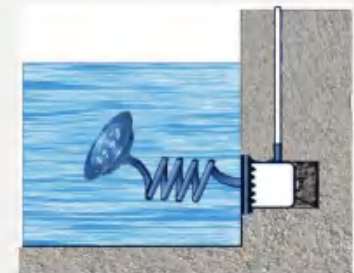
*If the lens is Asymmetrical, the item number with "AS"

Item No.	Light source	lens beam angle (°)	Consumption (watt)	Input Voltage (V)	lk rate
946181(AS)	18x1W	8°/15°/25°/30°/45°/60°	18.6W	DC24V	10
946182(AS)	18x2W	8°/15°/25°/30°/45°/60°	37.5W	DC24V	10

Item No.	Light source	lens beam angle (°)	Consumption (watt)	Input Voltage (V)	lk rate
94689	8x6W RGBW4in1 (W=3000K,4000K,6000K)	15°/25°/30°/45°/60°	40W	DC24V	10
94687	8x6W	15°/25°/30°/60°	45.5W	DC24V	10

Material specifications

Front cover&Housing:	Molding shaped 304# or 316L# stainless steel
Glass:	Tempered glass T=10mm
Lens:	Optical lens,efficiency>85%
Cable gland:	IP-68 PG-11 copper and nickel coated
MCPCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity2.0w/mk
Driver:	Constant current output Single color LED=1-circuit output RGB LED=3-circuit output RGBW 4in1 LED=4-circuit output
Application environment:	Temperature of water between -20°C - 40°C less than 1.0 meter depth.
Power cable:	H05RN-F 2x0.75mm² L=2m(for single color) H05RN-F 5x0.75mm² L=2m(for RGBW4in1)
Mounting sleeve:	Plastic



*Water must be allowed to go inside and outside sleeve freely without leaking to the other side.

*Warning:
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

► Underwater Light

LED underwater recessed light



94141/94142
94146/94149

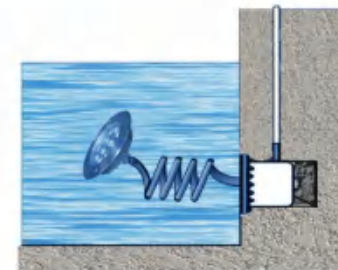
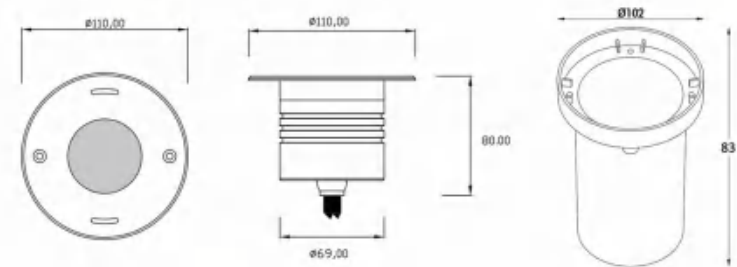
Material specifications:

Housing & Front cover:	Hard chromeplated Molding shaped stainless steel SUS 316L#
Glass:	Step tempered glass T = 6mm
Lens:	High quality optical lens, efficiency≥85%
Cable gland:	IP-68 PG9 nickel coated copper
PCB:	Excellent heat conductivity aluminum , coefficient of heat conductivity≤2.0w/mk
Driver:	Constant current output Single color LED=1-circuit output RGB 3inL LED=3-circuits output
Power cable:	H05RN-F 2*0.75mm ² =2m(for single color) H05RN-F 4*0.75mm ² =2m(for RGB3in1) H05RN-F 5*0.5mm ² =2m(for RGBW4in1)
Application environment:	Temperature of water between -20°C~40°C less than 2M meter depth
Mounting sleeve:	Plastic



Outer Dimensions:

Unit:mm



Water must be allowed to go inside and outside sleeve freely without leading to the other side.

***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
94141	4x1W LED	8°/15°/25°/45°/60°	4.0	DC24V	08
94142	4x2W LED	8°/15°/25°/45°/60°	9.0	DC24V	08
94146	4x2.5W RGB 3in1	8°/15°/25°/45°/60°	10.0	DC24V	08
94149	4x3W RGBW 4in1	8°/15°/25°/45°/60°	13.0	DC24V	08

IP68
OUTDOOR RATED

IP68 RECESSED UNDERWATER LIGHT



JPD0591X



JPD1104X



JPD1406X



JPD18012X



JPD22520X





IP68 RECESSED POOL LIGHT - DEEP ANTI-GLARE

Suitable for applications with water or without water



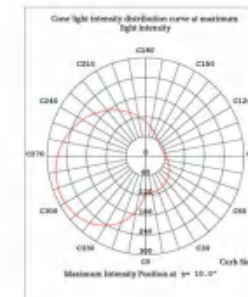
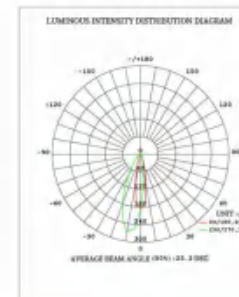
Material specifications

Housing & Front cover:	Hard chrome plated Molding shaped stainless steel SUS 316L#
Glass:	Step tempered glass T = 8mm
Lens:	High quality optical lens, efficiency≥85%
Cable gland:	IP-68 PG-11 nickel coated copper
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity≥2.0w/mk
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuits output
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB) H05RN-F 5*0.75mm ² L=2m(for RGBW)
Application environment:	Temperature of water between -20°C ~40°C, less than 2M meter depth
Mounting sleeve:	Plastic

Size (mm)



Asymmetrical lens



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Item No.	Light source	Lens beam angle [°]	Consumption (watt)	Input Voltage (V)	Ik rate
JPD05911	1X1W LED	8°/15°/25°/30°/45°	1.0	DC12V/DC24V	08
JPD05912	1X2W LED	8°/15°/25°/30°/45°	2.1	DC12V/DC24V	08
JPD05916	1x3W RGB3in1 LED	20°/25°/30°/40°/60°	3.0	DC12V/DC24V	08



IP68 RECESSED UNDERWATER /UNDERGROUND LIGHT

Suitable for applications with water or without water



With plastic back box



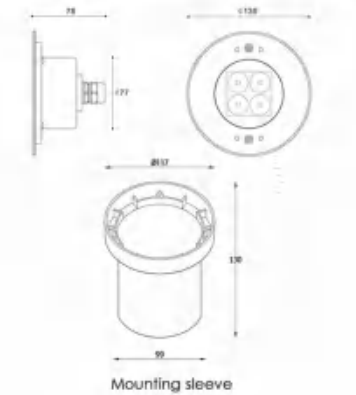
Lamp body back

JPD1104X

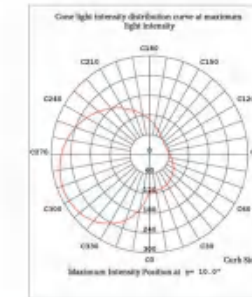
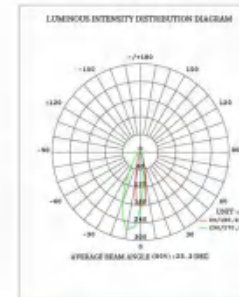
Material specifications

Housing & Front cover:	Hard chromeplated Molding shaped stainless steel SUS 316L#
Glass:	Step tempered glass T = 8mm
Lens:	High quality optical lens, efficiency≥85%
Cable gland:	IP-68 PG-11 nickel coated copper
PCB:	Excellent heat conductivity aluminum , coefficient of heat conductivity≥2.0w/mk
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuits output
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB) H05RN-F 5*0.75mm ² L=2m(for RGBW)
Application environment:	Temperature of water between -20°C ~40°C less than 2M meter depth
Mounting sleeve:	Plastic

Size (mm)



Asymmetrical lens



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Ik rate
JPD11041	4x1W LED	8°/12°/25°/30°/45°/60°	4.0	DC24V	08
JPD11042	4x2W LED	8°/12°/25°/30°/45°/60°	8.1	DC24V	08
JPD11046	4x2W RGB3in1 LED	8°/12°/25°/30°/45°/60°	8.0	DC24V	08
JPD11049	4x3W RGBW4in1 LED	8°/12°/25°/30°/45°/60°	12.0	DC24V	08



IP68 RECESSED UNDERWATER /UNDERGROUND LIGHT

Suitable for applications with water or without water



With plastic back box

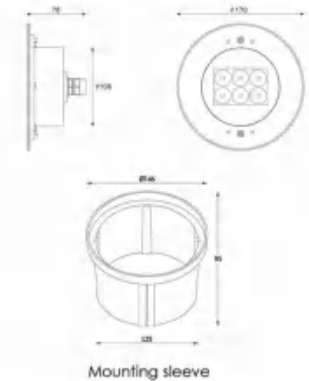
Lamp body back

JPD1406X

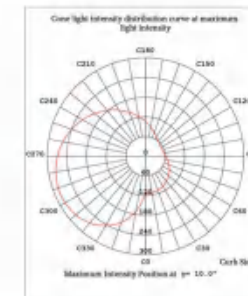
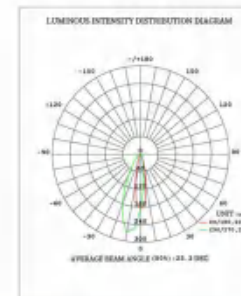
Material specifications

Housing & Front cover:	Hard chromeplated Molding shaped stainless steel SUS 316L#
Glass:	Step-tempered glass T=8mm
Lens:	High quality optical lens, efficiency≥85%
Cable gland:	IP-68 PG-11 nickel coated copper
PCB:	Excellent heat conductivity aluminum . coefficient of heat conductivity≥2.0w/mk
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuits output
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB) H05RN-F 5*0.75mm ² L=2m(for RGBW)
Application environment:	Temperature of water between -20°C ~40°C less than 2M meter depth
Mounting sleeve:	Plastic

Size (mm)



Asymmetrical lens



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Ik rate
JPD14061	6X1W LED	8°/15°/25°/30°/45°/60°/90°	6.0	DC24V	08
JPD14062	6X2W LED	8°/15°/25°/30°/45°/60°/90°	12.1	DC24V	08
JPD14066	6x2W RGB3in1 LED	8°/15°/25°/30°/45°/60°/90°	12.0	DC24V	08
JPD14069	6x3W RGBW4in1 LED	25°/30°/45°/60°/90°	18.0	DC24V	08



IP68 RECESSED UNDERWATER /UNDERGROUND LIGHT

Suitable for applications with water or without water



With plastic back box



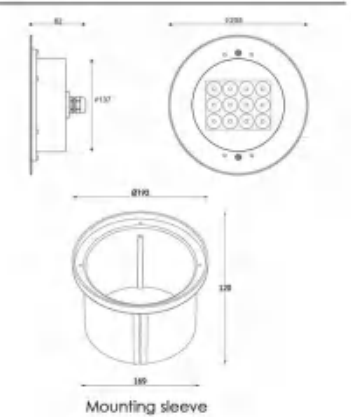
Lamp body back

JPD18012X

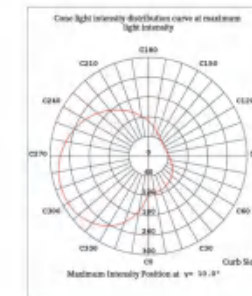
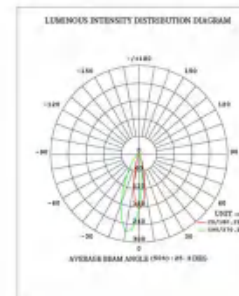
Material specifications

Housing & Front cover:	Hard chromeplated Molding shaped stainless steel SUS 316L#
Glass:	Step tempered glass T = 8mm
Lens:	High quality optical lens, efficiency>85%
Cable gland:	IP-68 PG-11 nickel coated copper
PCB:	Excellent heat conductivity aluminum , coefficient of heat conductivity≥2.0w/mk
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuits output
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB) H05RN-F 5*0.75mm ² L=2m(for RGBW)
Application environment:	Temperature of water between : 20°C ~40°C, less than 2M meter depth
Mounting sleeve:	Plastic

Size (mm)



Asymmetrical lens



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Ik rate
JPD180121	12X1W LED	8°/15°/25°/30°/45°/60°/90°	12.0	DC24V	08
JPD180122	12X2W LED	8°/15°/25°/30°/45°/60°/90°	24.1	DC24V	08
JPD180126	12x2W RGB3in1 LED	8°/15°/25°/30°/45°/60°/90°	24.0	DC12V/DC24V	08
JPD180129	12x3W RGBW4in1 LED	25°/30°/45°/60°/90°	36.0	DC24V	08



IP68 RECESSED UNDERWATER /UNDERGROUND LIGHT

Suitable for applications with water or without water



With plastic back box



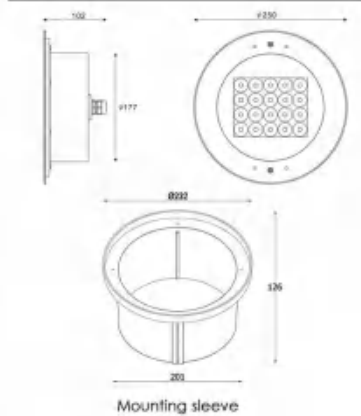
Lamp body back

JPD22520X

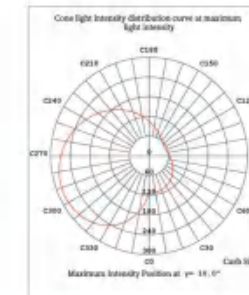
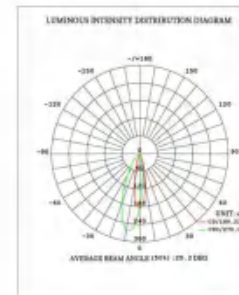
Material specifications

Housing & front cover:	Hard chromeplated Molding shaped stainless steel SUS 316L#
Glass:	Step tempered glass T = 8mm
Lens:	High quality optical lens, efficiency>85%
Cable gland:	IP-68 PG-11 nickel coated copper
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity$2.0w/mk$
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuits output
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB) H05RN-F 5*0.75mm ² L=2m(for RGBW)
Application environment:	Temperature of water between -20°C ~40°C, less than 2M meter depth
Mounting sleeve:	Plastic

Size (mm)



Asymmetrical lens



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Ik rate
JPD225201	20X1W LED	25°/30°/45°/60°	20.0	DC24V	08
JPD225202	20X2W LED	25°/30°/45°/60°	40.1	DC24V	08
JPD225206	20x0W RGB3in1 LED	25°/30°/45°/60°	40.0	DC12V/DC24V	08
JPD225209	20x0W RGBW4in1 LED	25°/30°/45°/60°	60.0	DC12V/DC24V	08

IP68
OUTDOOR RATED

IP68 LINEAR UNDERWATER LIGHTS



JPL1453X



JPL2806X



JPL58012X



JPL98024X

IP68 LINEAR UNDERWATER LIGHT

Suitable for applications with water or without water
316L stainless steel

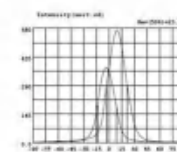


Asymmetrical lens

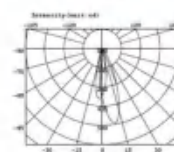
Part Number	FWHM (50 %)	field Angle (10%)	CD/LM	IES File
01CR-10X45	17.4°12.1°	50.4°25.9°	4.0	Contact us



Beam Pattern



Light Distribution Curve



Illuminance Distribution

Material specifications

Material:	Hard chromeplated Molding shaped stainless steel SUS 316L#
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T = 8mm
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB) H05RN-F 5*0.75mm ² L=2m(for RGBW)
Mounting sleeve:	PVC or Stainless Steel

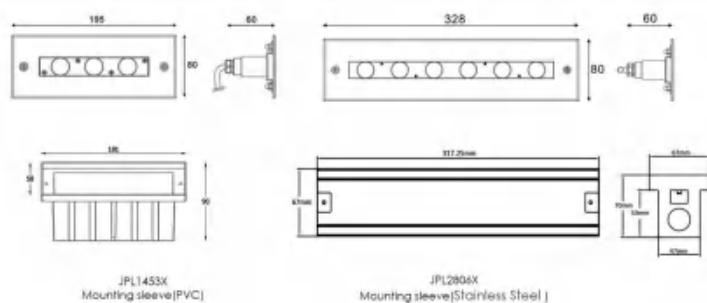


Water must be allowed to go inside and outside sleeve freely without leaking to the other side.

**Warning:
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.*

Size (unit : mm)

Length can be customized



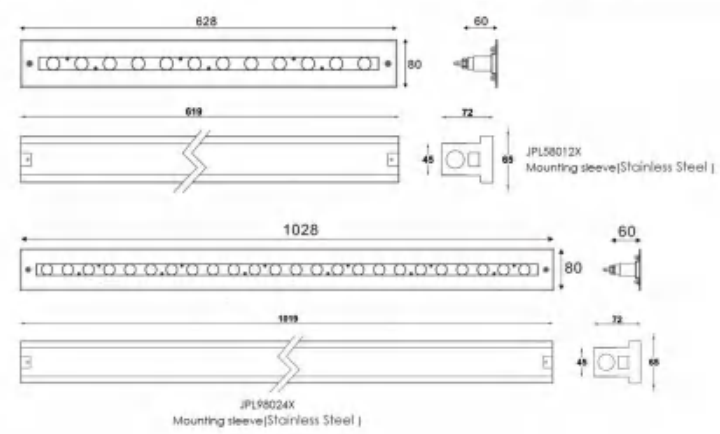
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Ik rate
JPL14531	3x1W LED	8°(12°/25°/40°/60°)	3.0	DC24V	08
JPL14532	3x2W LED	8°(12°/25°/40°/60°)	6.1	DC24V	08
JPL14536	3x2W RGB3in1 LED	8°(12°/25°/40°/60°)	6.0	DC24V	08
JPL28061	6x1W LED	8°(12°/25°/40°/60°)	6.0	DC24V	08
JPL28062	6x2W LED	8°(12°/25°/40°/60°)	12.1	DC24V	08
JPL28066	6x2W RGB3in1 LED	8°(12°/25°/40°/60°)	12.0	DC24V	08

IP68 LINEAR UNDERWATER LIGHT

Suitable for applications with water or without water
316L stainless steel

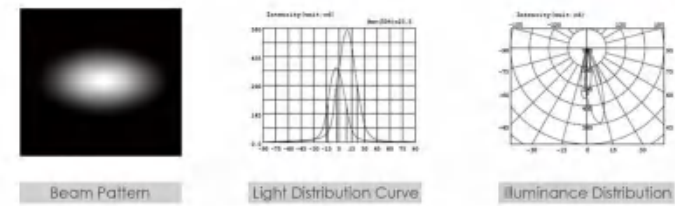


Size (unit : mm) Length can be customized



Asymmetrical lens

Part Number	FWHM (50 %)	field Angle (10%)	CD/LM	IES File
01CR-10X45	17.4°12.1°	50.4°25.9	4.0	Contact us



Material specifications

Material:	Hard chromeplated Molding shaped stainless steel SUS 316L#
Lens:	Optical lens, efficiency>85%
Glass:	Tempered step glass T = 8mm
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB) H05RN-F 5*0.75mm ² L=2m(for RGBW)
Mounting sleeve:	Stainless Steel



Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
*Warning: Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Ik rate
JPL580121	12X1W LED	8°(12°/25°/40°/60°)	12.0	DC24V	08
JPL580122	12X2W LED	8°(12°/25°/40°/60°)	24.1	DC24V	08
JPL580126	12x2W RGB3in1 LED	8°(12°/25°/40°/60°)	24.0	DC24V	08
JPL580129	12x2W RGBW4in1 LED	8°(12°/25°/40°/60°)	24.0	DC24V	08
JPL980241	24x1W LED	8°(12°/25°/40°/60°)	24.0	DC24V	08
JPL980242	24x2W LED	8°(12°/25°/40°/60°)	24.2	DC24V	08
JPL980246	24x2W RGB3in1 LED	8°(12°/25°/40°/60°)	48.0	DC24V	08
JPL980249	36x2W RGBW4in1 LED	8°(12°/25°/40°/60°)	72.0	DC24V	08

Linear underwater lights & Recessed floor uplight



UWLL150xx



UWLL300xx



UWLL600xxx



UWLL1000xxx



IP68 Underwater Linear Light/frameless

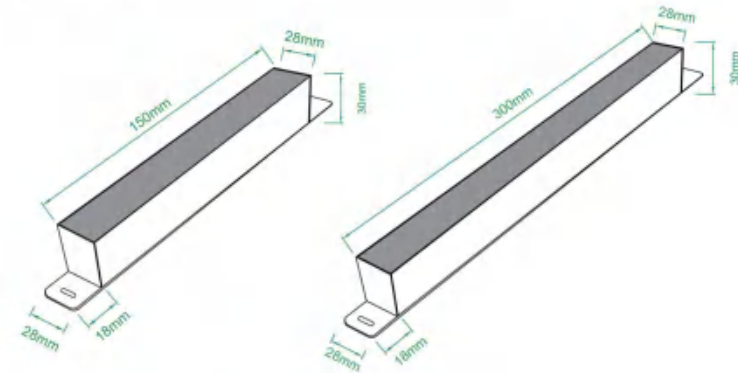
Made of stainless steel 316L



back view

Size (unit : mm)

Length can be customized



Material specifications

Material:	Made of stainless steel 316L
Lens:	Frosted diffuser
Glass:	Acrylic organic glass
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB) H05RN-F 5*0.75mm ² L=2m(for RGBW)

Water must be allowed to go inside and outside sleeves freely without leaking to the other side.

***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)
UWLL15037	3W SMD LED	120°	3.0	DC24V
UWLL15057	5W SMD LED	120°	5.0	DC24V
UWLL15066	6W SMD RGB3in1 LED	120°	6.0	DC24V
UWLL15069	6W SMD RGBW4in1 LED	120°	6.0	DC24V
UWLL30067	6W SMD LED	120°	6.0	DC24V
UWLL30097	9W SMD LED	120°	9.0	DC24V
UWLL300106	10W SMD RGB3in1 LED	120°	10.0	DC24V
UWLL300109	10W SMD RGBW4in1 LED	120°	10.0	DC24V

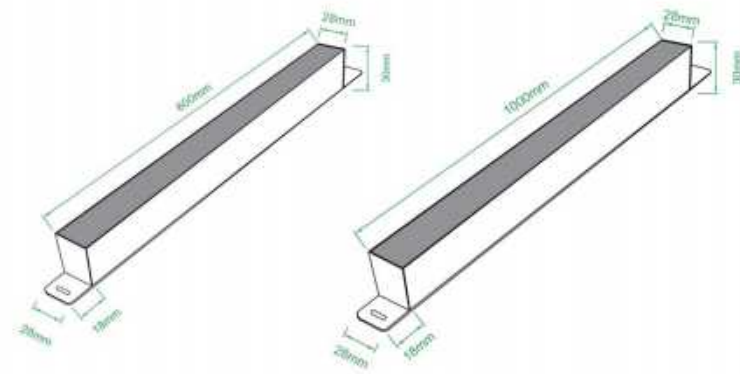
IP68 Underwater Linear Light/frameless

Made of stainless steel 316L



Size (unit : mm)

Length can be customized



Material specifications

Material:	Made of stainless steel 316L
Lens:	Frosted diffuser
Glass:	Acrylic organic glass
Gasket:	Molding shaped silicone seal
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB) H05RN-F 5*0.75mm ² L=2m(for RGBW)

Water must be allowed to go inside and outside device freely without leaking to the other side.

Warning:
Must be installed under the water to prevent the light from being burnt off because of the over-heating.

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)
UWLL600127	12W SMD LED	120°	12.0	DC24V
UWLL600187	18W SMD LED	120°	18.0	DC24V
UWLL600206	30W SMD RGB3in1 LED	120°	20.0	DC24V
UWLL600209	20W SMD RGBW4in1 LED	120°	20.0	DC24V
UWLL1000127	12W SMD LED	120°	12.0	DC24V
UWLL1000187	18W SMD LED	120°	18.0	DC24V
UWLL1000246	34W SMD RGB3in1 LED	120°	24.0	DC24V
UWLL1000249	24W SMD RGBW4in1 LED	120°	24.0	DC24V

IP68
OUTDOOR RATED

LED Fountain Light Series



▶ High Power LED Fountain Light Music Fountain light



- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- optics
 - 8°/15°/25°/30°/45°/60°



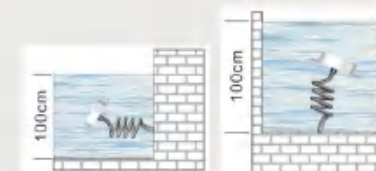
Optional stainless steel bracket

Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Life
94261	6x1W	8°/15°/25°/30°/45°/60°	6.3	DC24V	08
94262	6x2W	8°/15°/25°/30°/45°/60°	12.8	DC24V	08
94263	6x1W RGB (2R 2G 2B)	8°/15°/25°/30°/45°/60°	5.8	DC12V/DC24V	08
94264	6x2W RGB (2R 2G 2B)	8°/15°/25°/30°/45°/60°	5.7	DC12V/DC24V	08
94266	6x3W RGB3in1	25°/30°/45°/60°	17.6	DC24V	08
94269	6x4W RGBW4in1	25°/30°/45°/60°	24	DC24V	08



Material specifications

Housing&Front cover:	Hard chrome plated molybdenum shaped 304# or 316L# Stainless Steel
Glass:	Step tempered glass T=8mm
Lens:	High quality optical lens, efficiency≥85%
Cable gland:	IP68 PG11 nickel coated copper
PCB:	Excellent heat conductivity aluminum coefficient of heat conductivity(2.0w/mk)
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuits output RGBW 4in1 LED=4-circuit output
Application environment:	Temperature of water between -20°C 40°C less than 1.0 meter depth.
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB) H05RN-F 5*0.75mm ² L=2m(for RGBW)



Warning:
Must be installed under the water to prevent the light horn being burnt off because of the over-heating.

▶ Central Ejective Fountain Light Dry jet fountain light



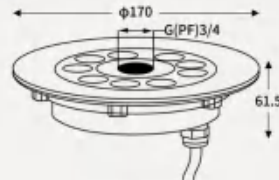
9409X

- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- optics
 - 8°/15°/25°/30°/45°/60°

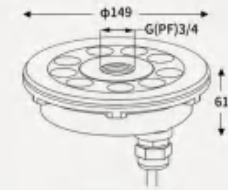
▶ Central Ejective Fountain Light



9409XB



9409X



9409XB



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Material specifications	
Front cover & Housing:	Hard chrome plated molding shaped 304# or 316L# Stainless Steel
Glass:	Tempered glass T=10mm
Lens:	Optical lens efficiency >85%
Cable gland:	IP68 PG11 nickel coated copper
LED:	High power CREE & OSRAM LED
MPCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity 22.0w/mk
Driver:	Constant current output Single color LED=3-circuit output RGB LED=3-circuit output RGB 3in1 LED=6-circuit output
Application environment:	Temperature of water between -20°C -40°C less than 1.0 meter depth.
Power cable:	H05RN-F 2*0.75mm ² L=2m (for single color) H05RN-F 4*0.75mm ² L=2m (for RGB)

***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Item No.	Light source	Lens beam angle [°]	Consumption (watt)	Input Voltage (V)	Life rate
94091	9x1W	8°/15°/25°/30°/45°/60°	9.4	DC12V/DC24V	09
94091B					
94092	9x2W	8°/15°/25°/30°/45°/60°	19.2	DC12V/DC24V	09
94092B					
94093	9x1W RGB	8°/15°/25°/30°/45°/60°	9.0	DC12V/DC24V	09
94093B					
94094	9x2W RGB	8°/15°/25°/30°/45°/60°	17.4	DC12V/DC24V	09
94094B					
94096	9x3W RGB3in1	8°/15°/25°/30°/45°/60°	26.1	DC12V/DC24V	09
94096B					

▶ High Power LED Fountain Light Music Fountain light



- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- optics
 - 8°/15°/25°/30°/45°/60°



Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage(V)	Ik rate
94191	9x1W	8°/15°/25°/30°/45°/60°	9.4	DC12V/DC24V	06
94192	9x2W	8°/15°/25°/30°/45°/60°	19.2	DC12V/DC24V	06
94193	9x1W RGB	8°/15°/25°/30°/45°/60°	9.0	DC12V/DC24V	06
94194	9x2W RGB	8°/15°/25°/30°/45°/60°	17.4	DC12V/DC24V	06
94196	9x3W RGB3in1	8°/15°/25°/30°/45°/60°	26.1	DC12V/DC24V	06
94199	9°4W RGBW4in1	8°/15°/25°/30°/45°/60°	36	DC12V/DC24V	06

Material specifications

Housing&Front cover:	Hard chromeplated molding shaped 304# or 316L# Stainless Steel
Glass:	Step tempered glass T=5mm
Lens:	High quality optical lens, efficiency>85%
Cable gland:	IP68 PG11 nickel coated copper
PCB:	Excellent heat conductivity aluminum coefficient of heat conductivity2.0w/mk
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuits output
Application environment:	Temperature of water between -20°C 40°C less than 1.0 meter depth.
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB) H05RN-F 5*0.75mm ² L=2m(for RGBW)



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

▶ Stainless steel LED Fountain Light LED light for Dry Fountain



9429X

- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- optics
 - 8°/15°/25°/30°/45°/60°

▶ DMX512 LED Fountain Light Music Fountain Light



9429XB



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Material specifications

Housing&Front cover:	Hard chrome plated molding shaped 304# or 316L# Stainless Steel
Glass:	Step tempered glass T=10mm
Lens:	High quality optical lens, efficiency 28.5%
Cable gland:	IP68 PG11 nickel coated copper
PCB:	Excellent heat conductivity aluminum coefficient of heat conductivity $\geq 2.0 \text{ w/mk}$
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuit output
Application environment:	Temperature of water between -20°C 40°C less than 1.0 meter depth.
Power cable:	H05RN-F 2*0.75mm ² L=2m (for single color) H05RN-F 4*0.75mm ² L=2m (for RGB) H05RN-F 5*0.75mm ² L=2m (for RGBW)



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
94291	9x1W	8°/15°/25°/30°/45°/60°	9.4	DC12V/DC24V	09
94291B	9x1W	8°/15°/25°/30°/45°/60°	9.4	DC12V/DC24V	09
94292	9x2W	8°/15°/25°/30°/45°/60°	19.2	DC12V/DC24V	09
94292B	9x2W	8°/15°/25°/30°/45°/60°	19.2	DC12V/DC24V	09
94293	9x1W RGB	8°/15°/25°/30°/45°/60°	9.0	DC12V/DC24V	09
94293B	9x1W RGB	8°/15°/25°/30°/45°/60°	9.0	DC12V/DC24V	09
94294	9x2W RGB	8°/15°/25°/30°/45°/60°	17.4	DC12V/DC24V	09
94294B	9x2W RGB	8°/15°/25°/30°/45°/60°	17.4	DC12V/DC24V	09
94296	9x3W RGB3in1	8°/15°/25°/30°/45°/60°	26.1	DC12V/DC24V	09
94296B	9x3W RGB3in1	8°/15°/25°/30°/45°/60°	26.1	DC12V/DC24V	09
94299	9*4W RGBW4in1	8°/15°/25°/30°/45°/60°	36	DC12V/DC24V	09
94299B	9*4W RGBW4in1	8°/15°/25°/30°/45°/60°	36	DC12V/DC24V	09

▶ DMX512 LED Fountain Light, Dry Land Fountain Light



94212X

- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- optics
 - 8°/15°/25°/30°/45°/60°



▶ Central Ejective LED fountain light



94212XB

- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- optics
 - 8°/15°/25°/30°/45°/60°



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Item No.	Light source	beam angle(°)	Consumption (watt)	Input Voltage(V)	Rate
942121 942121B	12x1W	8°/15°/25°/30°/45°/60°	12.4	DC12V/DC24V	09
942122 94122B	12x2W	8°/15°/25°/30°/45°/60°	24.6	DC12V/DC24V	09
942123 942123B	12x1W RGB	8°/15°/25°/30°/45°/60°	12.0	DC12V/DC24V	09
942124 942124B	12x2W RGB	8°/15°/25°/30°/45°/60°	23.5	DC12V/DC24V	09
942126 942126B	12x3W RGB3in1	8°/15°/25°/30°/45°/60°	35.4	DC12V/DC24V	09

Material specifications

Front cover&Housing:	Hard chrome plated making shaped 304# or 316L# Stainless Steel
Glass:	Step tempered glass T=10mm
Lens:	Optical lens, efficiency>85%
Cable gland:	P68 PG11 nickel coated copper
LED:	High power CREE or Bridgelux LED
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity$2.0w/mk$
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuits output
Application environment:	Temperature of water between -20°C ~40°C less than 1.0 meter depth.
Power cable:	H05RN-F 2*0.75mm ² =2m (for single color) H05RN-F 4*0.75mm ² =2m (for RGB)



IP68 FOUNTAIN LIGHT

No thread matching required,
Special design supports flexible fixed nozzle.



JPF1409X



JPF18012X



JPF22518X



JP94412X





IP68 FOUNTAIN LIGHT

316L stainless steel



JP94412X

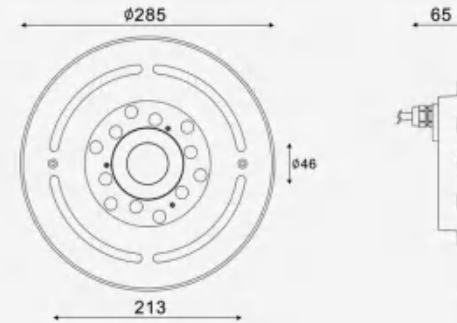


Side



Back

Size (unit : mm) :



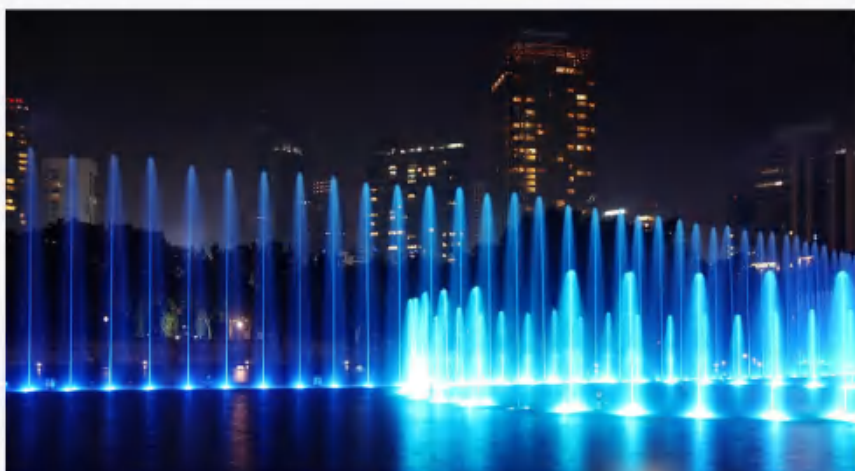
Material specifications

Housing&Trim:	304# or 316L# stainless steel
Glass:	Step tempered glass T=10mm
Lens:	High quality optical lens, efficiency≥85 %
Cable gland:	IP-68 PG-11 copper and nickel coated
PCB:	Excellent heat conductivity aluminum coefficient of heat conductivity≥2.0w/mk
Driver :	Constant current output Single color LED=1-circuit output RGB 3inL LED=3-circuits output
Application environment:	Temperature of water between-20°C 40°C less than 1.0 meter depth
Power cable:	H05RN-F 2x0.75mm ² L= 2m(for Single color) H05RN-F 4x0.75mm ² L=2m(for RGB)



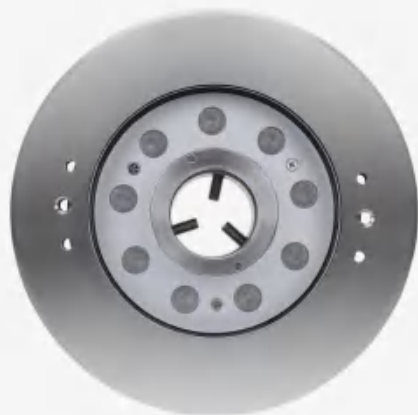
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)
JP-944121	12x1W LED	8°/15°/25°/30°/45°/60°	12.0	DC24V
JP-944122	12x2W LED	8°/15°/25°/30°/45°/60°	24.2	DC24V
JP-944123	12x1W RGB LED	8°/15°/25°/30°/45°/60°	12.0	DC24V
JP-944124	12x2W RGB LED	8°/15°/25°/30°/45°/60°	24.0	DC24V
JP-944126	12x3W RGB3inL LED	25°/30°/45°/60°	36.0	DC24V

*Warning:
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.



IP68 FOUNTAIN LIGHT

316L stainless steel



JPF1409X

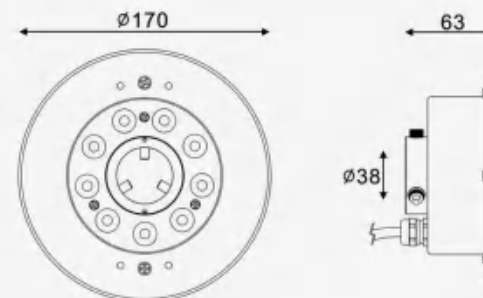


Side



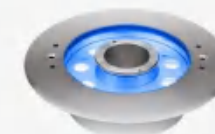
Back

Size (unit : mm) :



Material specifications

Housing&Trim:	Stretch stainless steel 316L# lamp body, followed by electrolysis
Glass:	Step tempered glass T=8mm
Lens:	High quality optical lens, efficiency≥85 %
Cable gland:	IP-68 PG-11 copper and nickel coated
PCB:	Excellent heat conductivity aluminum coefficient of heat conductivity≥2.0w/mk
Driver :	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuits output
Application environment:	Temperature of water between -20°C 40°C less than 1.0 meter depth
Power cable:	H05RN-F 2x0.75mm²L= 2m (for Single color) H05RN-F 4x0.75mm²L=2m (for RGB)



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)
JPF14091	9x1W LED	8°/15°/25°/30°/45°/60°	9.0	DC24V
JPF14092	9x2W LED	8°/15°/25°/30°/45°/60°	18.2	DC24V
JPF14093	9x1W RGB LED	8°/15°/25°/30°/45°/60°	9.0	DC24V
JPF14094	9x2W RGB LED	8°/15°/25°/30°/45°/60°	18.0	DC24V
JPF14096	9x3W RGB3in1 LED	25°/ 30°/45°/60°	27.0	DC24V
JPF14099	9x3W RGBW4in1 LED	25°/ 30°/45°/60°	27.0	DC24V

*Warning:
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.



IP68 FOUNTAIN LIGHT

316L stainless steel



JPF18012X

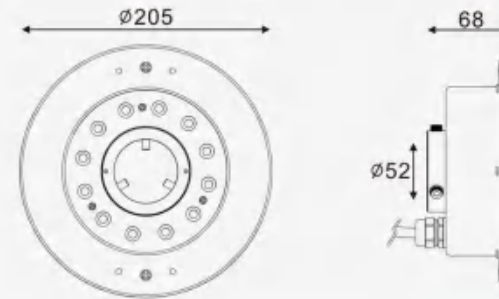


Side



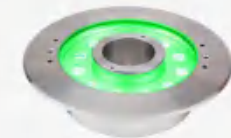
Back

Size (unit : mm) :



Material specifications

Housing&Trim:	Stretch stainless steel 316L# lamp body, followed by electrolysis
Glass:	Step tempered glass T=8mm
Lens:	High quality optical lens, efficiency>85 %
Cable gland:	IP-68 PG-11 copper and nickel coated
PCB:	Excellent heat conductivity aluminum coefficient of heat conductivity2.0w/mk
Driver :	Constant current output Single color LED=1-circuit output RGB 3inL LED=3-circuits output
Application environment:	Temperature of water between-20°C 40°C less than 1.0 meter depth
Power cable:	H05RN-F 2x0.75mm²L= 2m (for Single color) H05RN-F 4x0.75mm²L=2m (for RGB)



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)
JPF180121	12x1W LED	8°/15°/25°/30°/45°/60°	12.0	DC24V
JPF180122	12x2W LED	8°/15°/25°/30°/45°/60°	24.2	DC24V
JPF180123	12x1W RGB LED	8°/15°/25°/30°/45°/60°	12.0	DC24V
JPF180124	12x2W RGB LED	8°/15°/25°/30°/45°/60°	24.0	DC24V
JPF180126	12x3W RGB3inL LED	25°/ 30°/45°/60°	36.0	DC24V
JPF180129	12x3W RGBW4inL LED	25°/ 30°/45°/60°	36.0	DC24V

*Warning:
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.



IP68 FOUNTAIN LIGHT

316L stainless steel



JPF22518X

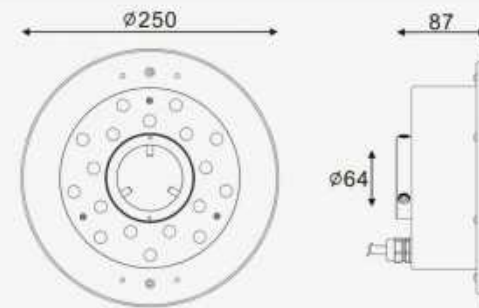


Side



Back

Size (unit : mm) :



Material specifications

Housing&trim:	Stretch stainless steel 316L # lamp body, followed by electrolysis
Glass:	Step tempered glass T=8mm
Lens:	High quality optical lens, efficiency>85 %
Cable gland:	IP-68 PG-11 copper and nickel coated
PCB:	Excellent heat conductivity aluminum coefficient of heat conductivity$2.0w/mk$
Driver :	Constant current output Single color LED=1-circuit output RGB 3inL LED=3-circuits output
Application environment:	Temperature of water between-20°C 40°C less than 1.0 meter depth
Power cable:	H05RN-F 2x0.75mm ² L= 2m(for Single color) H05RN-F 4x0.75mm ² L=2m(for RGB)



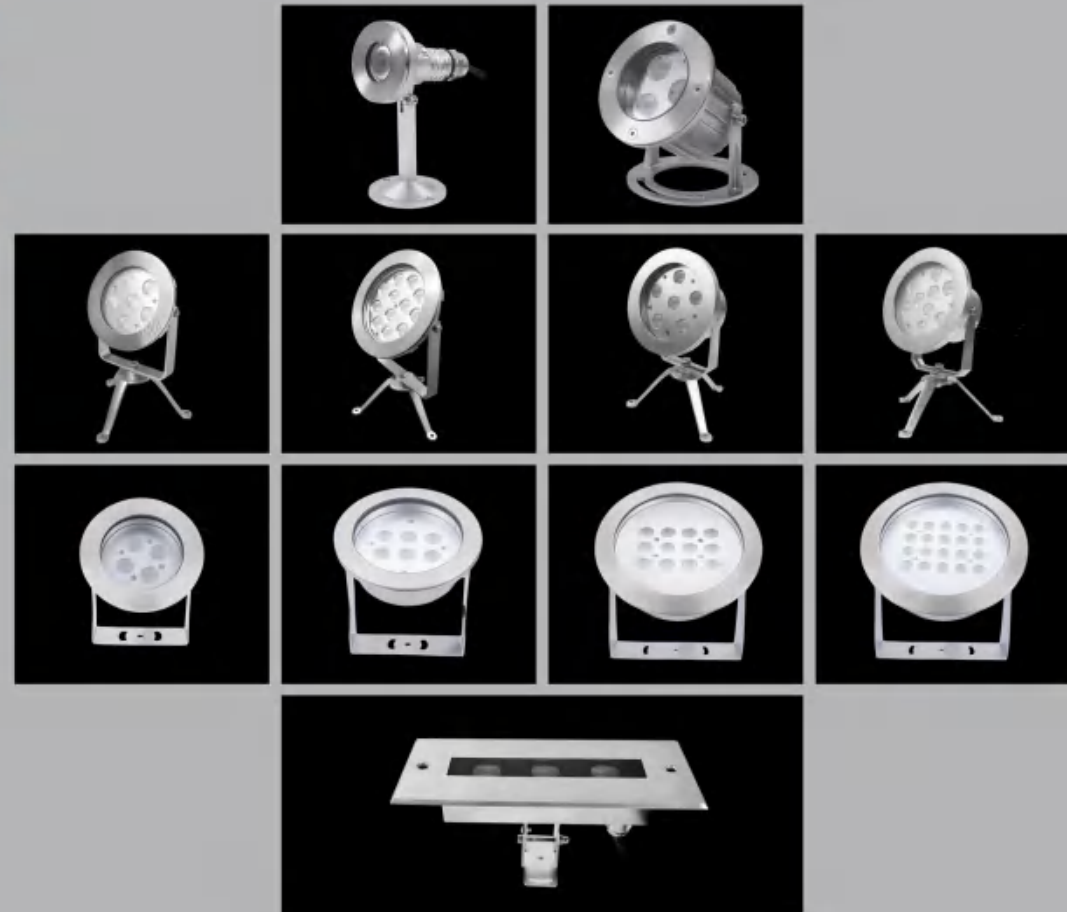
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)
JPF225181	18x1W LED	8°/15°/25°/30°/45°/60°	18.0	DC12V/DC24V
JPF225182	18x2W LED	8°/15°/25°/30°/45°/60°	36.2	DC12V/DC24V
JPF225183	18x1W RGB LED	8°/15°/25°/30°/45°/60°	18.0	DC12V/DC24V
JPF225184	18x2W RGB LED	8°/15°/25°/30°/45°/60°	36.0	DC12V/DC24V
JPF225184	18x2W RGB3in1 LED	25°/30°/45°/60°	36.0	DC24V
JPF225189	18x2W RGBW4in1 LED	25°/30°/45°/60°	54.0	DC24V

***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.



IP68
OUTDOOR RATED

IP68 Underwater Spot Light series



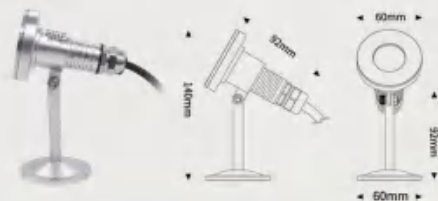
▶ SMALL SIZE LED UNDERWATER SPOTS



95311/95312/95316

- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- Optics
 - 8°/15°/25°/30°/45°/60°

Outer Dimensions: _____ Unit:mm



Material specifications

Housing	Molding shaped 304* or 316L* stainless steel
Bracket:	Stainless steel 304* or 316L*
Front cover:	Stainless steel sus304* or sus316L*
Glass:	Step tempered glass 1=7mm
Lens:	Optical lens, efficiency 285%
Cable gland:	IP-68 PG-11 copper and nickel coated
LED:	Epistar or CREE&OSRAM,Ra>80
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity220w/mk
Gasket:	Silicone gasket
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB)
Application environment:	Temperature of water between -20°C 40°C less than 1.0 meter depth.



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
95311	1x1W LED	8°/15°/25°/30°/45°/60°	1.1W	24VDC/12VDC	07
95312	1x2W LED	8°/15°/25°/30°/45°/60°	2.5W	24VDC/12VDC	07
95316	1x3W RGB3in1LED	25°/30°/45°/60°	3.3W	24VDC/12VDC	07

▶ STAINLESS STEEL LED UNDERWATER SPOT LIGHT

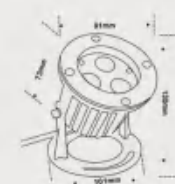


90031 /90032/90033/90034/90036

- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- Optics
 - 8°/15°/25°/30°/45°/60°



Outer Dimensions: _____ Unit:mm



Material specifications

Housing	Molding shaped 304* or 316L* stainless steel
Bracket:	Stainless steel 304* or 316L*
Front cover:	Stainless steel sus304* or sus316L*
Glass:	Step tempered glass 1=8mm
Lens:	Optical lens, efficiency 285%
Cable gland:	IP-68 PG-11 copper and nickel coated
LED:	Epistar or CREE&OSRAM,Ra>80
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity220w/mk
Gasket:	Silicone gasket
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB)
Application environment:	Temperature of water between -20°C 40°C less than 1.0 meter depth.

***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

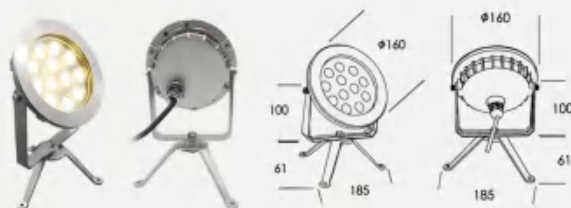
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Life rate
90031	3x1W LED	8°/15°/25°/30°/45°/60°	3.2W	24VDC/12VDC	08
90032	3x2W LED	8°/15°/25°/30°/45°/60°	6.3W	24VDC/12VDC	08
90033	3x1W RGB LED (1R,1G,1B)	8°/15°/25°/30°/45°/60°	3.0W	24VDC/12VDC	08
90034	3x2W RGB LED (1R,1G,1B)	8°/15°/25°/30°/45°/60°	6.1W	24VDC/12VDC	08
90036	3x3W RGB3in1LED	25°/30°/45°/60°	9W	24VDC/12VDC	08

Stainless Steel LED Underwater Spot Light

Completely Hard Chromeplated Stainless steel Housing&Accessories



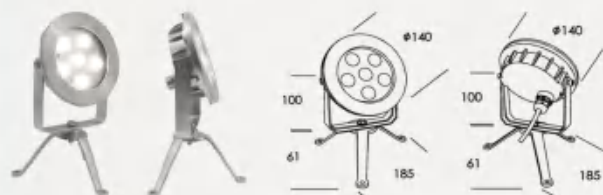
Outer Dimensions Unit: mm



***Warning:**
Must be installed under the water to prevent the lights
from being burnt off because of the over-heating.



Outer Dimensions Unit: mm



***Warning:**
Must be installed under the water to prevent the lights
from being burnt off because of the over-heating.

Material specifications

Housing	Hard chromeplated moiding shaped 304# or 316L# Stainless Steel
Bracket:	Stainless steel 304# or 316L#
Front cover:	Stainless steel SUS304# or SUS316L#
Glass:	Step tempered glass T=8mm
Lens:	Optical lens, efficiency ≥85%
Cable gland:	IP68 PG11 nickel coated copper
LED:	High power CREE/Bridgelux/Epistar LED:
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity 2.0w/mk
Gasket:	Silicone gasket
Power cable:	H05RN-F 2*0.75mm ² L=2m (for single color) H05RN-F 4*0.75mm ² L=2m (for RGB)
Application environment:	Temperature of water between -20°C 40°C less than 1.0 meter depth.



Item No.	Light source	Lens beam angle(°)	Consumption (watt)	Input Voltage (V)	Beam
95761	6x1W	15°/30°/45°/60°	6.2	DC24V	08
95762	6x2W	15°/30°/45°/60°	12.6	DC24V	08
95766	6x3W RGB3in1	30°/45°/60°	18.6	DC24V	08
958121	12x1W	8°/15°/25°/30°/45°/60°	12.2	DC24V	08
958122	12x2W	8°/15°/25°/30°/45°/60°	24.6	DC24V	08
958123	12x1W RGB [4R,4G,4B]	8°/15°/25°/30°/45°/60°	11.4	DC24V	08
958124	12x2W RGB [4R,4G,4B]	8°/15°/25°/30°/45°/60°	23.2	DC24V	08
958126	12x3W RGB3in1	35°/30°/45°/60°	35.5	DC24V	08

▶ STAINLESS STEEL UNDERWATER LED SPOT LIGHT

Completely Hard Chromeplated Stainless steel Housing&Accessories



- LED Colour Temperature
 - 2700K • 3000K
 - 4000K • 6000K
- Optics
 - 8°/15°/25°/30°/45°/60°



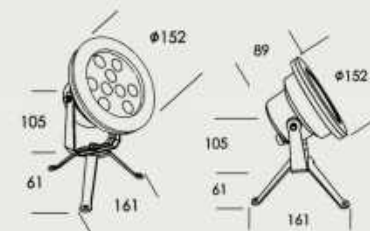
Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Eff. rate
95561	6x1W	8°/15°/25°/30°/45°/60°	6.1	24VDC/12VDC	08
95562	6x2W	8°/15°/25°/30°/45°/60°	12.3	24VDC/12VDC	08
95563	6x1W RGB [2R,2G,2B]	8°/15°/25°/30°/45°/60°	5.7	24VDC/12VDC	08
95564	6x2W RGB [2R,2G,2B]	8°/15°/25°/30°/45°/60°	11.5	24VDC/12VDC	08
95566	6x3W RGB3in1	25°/30°/45°/60°	18.4	24VDC	08

Material specifications

Housing	Hard chromeplated molding shaped 304# or 316L# Stainless Steel
Bracket	Stainless steel 304# or 316L#
Front cover	Stainless steel sus304# or sus316L#
Glass	Step tempered glass 1-8mm
Lens	Optical lens, efficiency 282%
Cable gland	IP68 PG11 nickel coated copper
LED	High power CREE/Bridgelux/Epistar LED
PCB	Excellent heat conductivity aluminum, coefficient of heat conductivity 22.0w/mk
Gasket	Silicone gasket
Power cable	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB)
Application environment	Temperature of water between -20°C -40°C less than 1.0 meter depth.

Outer Dimensions

Unit:mm



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

▶ STAINLESS STEEL UNDERWATER LED SPOT LIGHT

Completely Hard Chromeplated Stainless steel Housing & Accessories

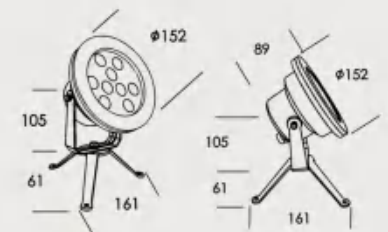


Item No.	Light source	Lens beam angle []	Consumption [watt]	Input Voltage (V)	Eff. rate
95591	9x1W	8°/15°/25°/30°/45°/60°	9.1	24VDC/12VDC	08
95592	9x2W	8°/15°/25°/30°/45°/60°	18.5	24VDC/12VDC	08
95593	9x1W RGB [3R, 3G, 3B]	8°/15°/25°/30°/45°/60°	8.9	24VDC/12VDC	08
95594	9x2W RGB [3R, 3G, 3B]	8°/15°/25°/30°/45°/60°	18.2	24VDC/12VDC	08
95596	9x3W RGB3in1	25°/30°/45°/60°	25.2	24VDC	08
95599	9x4W RGBW4in1	25°/30°/45°/60°	36	24VDC	08

Material specifications

Housing:	Hard chromeplated molding shaped 304# or 316L# Stainless Steel
Bracket:	Stainless steel 304# or 316L#
Front cover:	Stainless steel sus304# or sus316L#
Glass:	Step tempered glass T=8mm
Lens:	Optical lens, efficiency >85%
Cable gland:	IP68 PG11 nickel coated copper
LED:	High power CREE/Bridgelux/EpiStar LED;
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity >22.0w/mk
Gasket:	Silicone gasket
Power cable:	H05RN-F 2*0.75mm ² L=2m (for single color) H05RN-F 4*0.75mm ² L=2m (for RGB) H05RN-F 5*0.75mm ² L=2m (for RGBW)
Application environment:	Temperature of water between -20°C ~40°C less than 1.0 meter depth

Outer Dimensions



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

IP68 UNDERWATER SPOT LIGHT

Suitable for applications with water or without water

■ 316L stainless steel

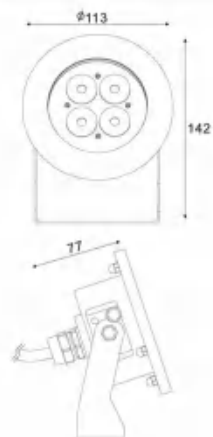


SPD1104X

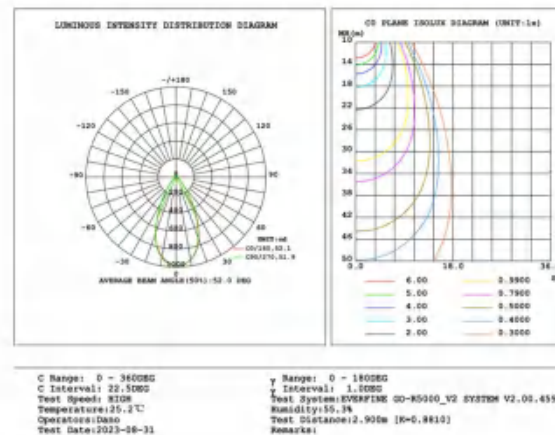
Material specifications

Housing:	Hard chrome plated Molding shaped stainless steel SUS 316L#
Bracket:	Stainless steel 304# or 316L#
Front cover:	Stainless steel sus 304# or SUS316L#
Glass:	Step tempered glass T=8mm
Lens:	Optical lens, efficiency ≥85%
Cable gland:	IP-68 PG-11 copper and nickel coated
LED:	High quality LED
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity ≥2.0w/mk
Gasket:	Molding shaped silicone seal
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB) H05RN-F 5*0.75mm ² L=2m(for RGBW)
Application environment:	Temperature of water between -20°C 40°C less than 1.0 meter depth

Size (unit : mm)



Light Spectrum



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)
SPD11041	4x1W LED	8°/12°/25°/30°/45°/60°	4.0	DC24V
SPD11042	4x2W LED	8°/12°/25°/30°/45°/60°	8.1	DC24V
SPD11046	4x3W RGB3in1 LED	8°/12°/25°/30°/45°/60°	12.0	DC24V
SPD11049	4x4W RGBW4in1 LED	8°/12°/25°/30°/45°/60°	16.0	DC24V

IP68 UNDERWATER SPOT LIGHT

Suitable for applications with water or without water

■ 316L stainless steel

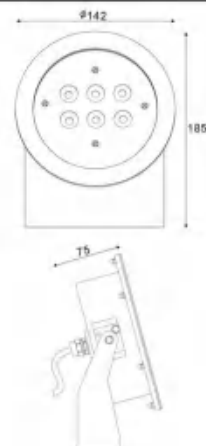


SPD1406X

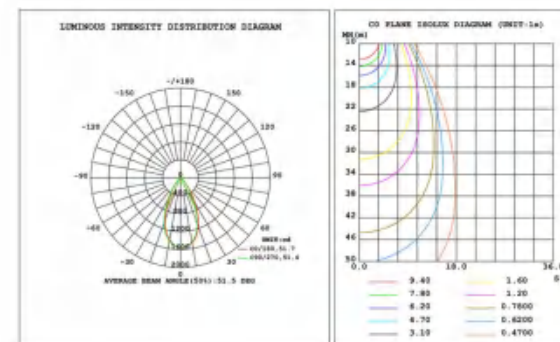
Material specifications

Housing:	Hard chromeplated Molding shaped stainless steel SUS 316L#
Bracket:	Stainless steel 304# or 316L#
Front cover:	Stainless steel sus 304# or SUS316L#
Glass:	Step tempered glass T= 8mm
Lens:	Optical lens, efficiency ≥85%
Cable gland:	IP-68 PG-11 copper and nickel coated
LED:	High quality LED
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity 2.0w/mk
Gasket:	Molding shaped silicone seal
Power cable:	H05RN-F 2*0.75mm ² L=2m (for single color) H05RN-F 4*0.75mm ² L=2m (for RGB) H05RN-F 5*0.75mm ² L=2m (for RGBW)
Application environment:	Temperature of water between -20°C 40°C less than 1.0 meter depth

Size (unit : mm)



Light Spectrum



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)
SPD14061	6x1W LED	8°/12°/25°/30°/45°/60°	6.0	DC24V
SPD14062	6x2W LED	8°/12°/25°/30°/45°/60°	12.1	DC24V
SPD14066	6x3W RGB3in1 LED	8°/12°/25°/30°/45°/60°	18.0	DC24V
SPD14069	6x4W RGBW4in1 LED	8°/12°/25°/30°/45°/60°	24.0	DC24V

IP68 UNDERWATER SPOT LIGHT

Suitable for applications with water or without water

■ 316L stainless steel

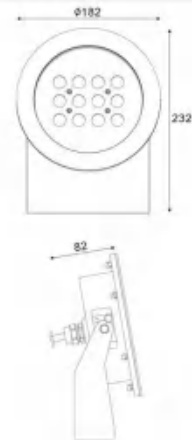


SPD18012X

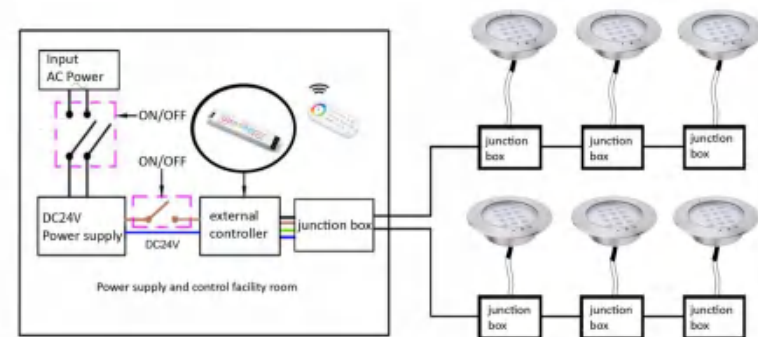
Material specifications

Housing:	Hard chromeplated Molding shaped stainless steel SUS 316L#
Bracket:	Stainless steel 304# or 316L#
Front cover:	Stainless steel sus 304# or SUS316L#
Glass:	Step tempered glass T= 8mm
Lens:	Optical lens, efficiency ≥85%
Cable gland:	IP-68 PG-11 copper and nickel coated
LED:	High quality LED
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity ≥2.0w/mk
Gasket:	Molding shaped silicone seal
Power cable:	H05RN-F 2*0.75mm ² L=2m (for single color) H05RN-F 4*0.75mm ² L=2m (for RGB) H05RN-F 5*0.75mm ² L=2m (for RGBW)
Application environment:	Temperature of water between -20°C 40°C less than 1.0 meter depth

Size (unit : mm)



Connection



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)
SPD180121	12x1W LED	8°/12°/25°/30°/45°/60°	12.0	DC12V/DC24V
SPD180122	12x2W LED	8°/12°/25°/30°/45°/60°	24.1	DC12V/DC24V
SPD180126	12x3W RGB3in1 LED	8°/12°/25°/30°/45°/60°	36.0	DC24V
SPD180129	12x4W RGBW4in1 LED	8°/12°/25°/30°/45°/60°	48.0	DC24V

IP68 UNDERWATER SPOT LIGHT

Suitable for applications with water or without water

■ 316L stainless steel

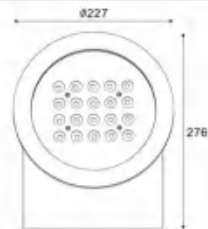


SPD22520X

Material specifications

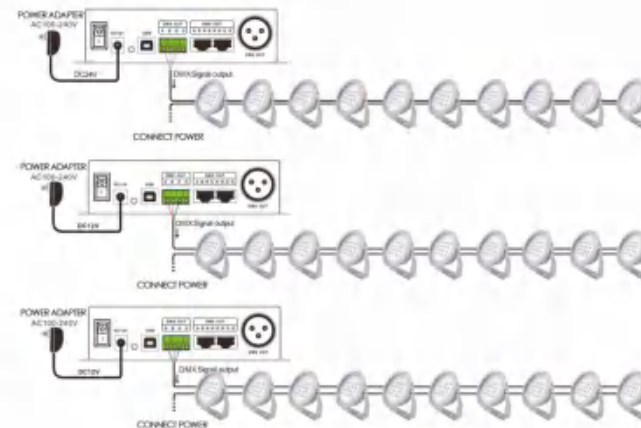
Housing:	Hard chrome plated Molding shaped stainless steel SUS 316L#
Bracket:	Stainless steel 304# or 316L#
Front cover:	Stainless steel sus 304# or SUS316L#
Glass:	Step tempered glass T=8mm
Lens:	Optical lens, efficiency ≥85%
Cable gland:	IP-68 PG-11 copper and nickel coated
LED:	High quality LED
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity 2.0w/mk
Gasket:	Molding shaped silicone seal
Power cable:	H05RN-F 2*0.75mm ² L=2m (for single color) H05RN-F 4*0.75mm ² L=2m (for RGB) H05RN-F 5*0.75mm ² L=2m (for RGBW)
Application environment:	Temperature of water between -20°C 40°C less than 1.0 meter depth

Size (unit : mm)



Connection

DMX512 spot light wiring diagram



Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)
SPD225201	200x1W LED	8°/15°/25°/30°/45°/60°/90°	20.0	DC24V
SPD225202	200x2W LED	8°/15°/25°/30°/45°/60°/90°	40.1	DC24V
SPD225206	200x3W RGB3in1 LED	25°/30°/45°/60°/90°	60.0	DC24V
SPD225209	200x4W RGBW4in1 LED	25°/30°/45°/60°/90°	80.0	DC24V

▶ Underwater spot light

Suitable for applications with water or without water
316L stainless steel

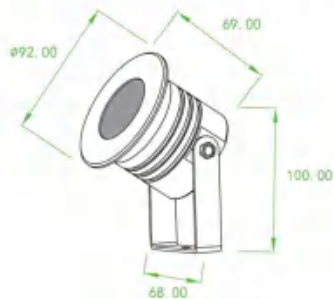


95141/95142
95146/95149

Material specifications:

Housing & Front cover:	Hard chromeplated Molding shaped stainless steel SUS 316L#
Glass:	Step tempered glass T = 6mm
Lens:	High quality optical lens, efficiency>85%
Cable gland:	IP-68 PG9 nickel coated copper
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity22.0w/mk
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuits output
Power cable:	HD5RN-F 2*0.75mm ² L=2m(for single color) HD5RN-F 4*0.75mm ² L=2m(for RGB3in1) HD5RN-F 5*0.5mm ² L=2m(for RGBW4in1)
Application environment:	Temperature of water between -20°C~40°C less than 2M meter depth

Outer Dimensions: Unit:mm



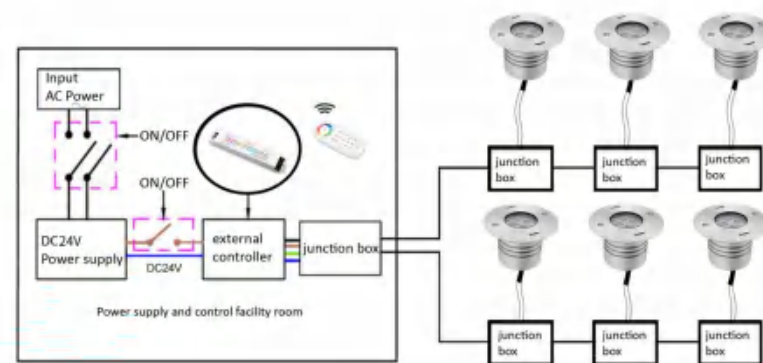
Item No.	Light source	Lens beam angle [°]	Consumption [watt]	Input Voltage [V]	Life rate
95141	4x1W LED	8°/15°/25°/45°/60°	4.0	DC24V	08
95142	4x2W LED	8°/15°/25°/45°/60°	9.0	DC24V	08
95146	4x2.5W RGB 3in1	8°/15°/25°/45°/60°	10.0	DC24V	08
95149	4x3W RGBW4in1	8°/15°/25°/45°/60°	13.0	DC24V	08



*Warning:

Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Connection



Underwater spot light

Suitable for applications with water or without water
316L stainless steel

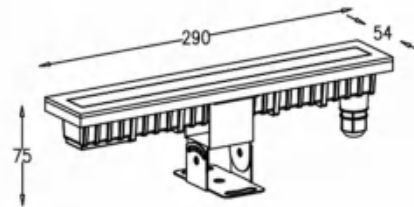


950461,950462,950466

Material specifications:

Housing & Front cover:	Hard chromeplated Molding shaped stainless steel SUS 316L#
Glass:	Step tempered glass T = 8mm
Lens:	High quality optical lens, efficiency≥85%
Cable gland:	IP-68 PG11 nickel coated copper
PCB:	Excellent heat conductivity aluminum, coefficient of heat conductivity≥2.0w/mk
Driver:	Constant current output Single color LED=1-circuit output RGB 3in1, LED=3-circuits output
Power cable:	H05RN-F 2*0.75mm ² L=2m(for single color) H05RN-F 4*0.75mm ² L=2m(for RGB3in1)
Application environment:	Temperature of water between -20°C~40°C less than 2M meter depth

Outer Dimensions: Unit:mm

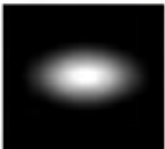
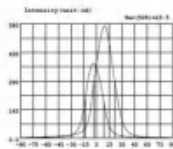
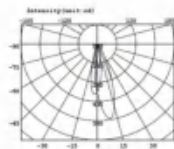


*If the lens is Asymmetrical, the item number with"AS"

Item No.	Light source	Lens beam angle (°)	Consumption (watt)	Input Voltage (V)	Ik rate
950461[AS]	6*1W LED	8°/15°/20°/30°/60°	6.6W	DC24V	08
950462[AS]	6*2W LED	8°/15°/20°/30°/60°	12.5W	DC24V	08
950466[AS]	6*3W RGB3in1	25°/30°/45°/60°	18.2W	DC24V	08



Asymmetrical lens

Part Number	FWHM	Field Angle*	cd / lm	IES File
01CR-10x45	17°/33°	35°/60°	4.0	contact us
				
Beam Pattern	Light Distribution Curve	Illuminance Distribution		

*Warning:
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.



PAR56 POOL LIGHT



Split type Pool light /316L+ABS Ultra-thin 7.5mm(DC series)



IP110-6W-DC



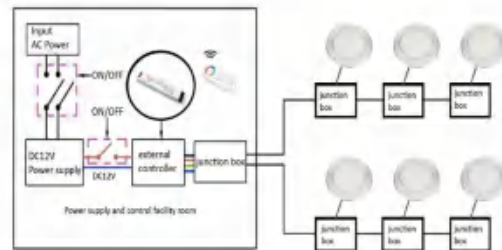
IP160-10W-DC



Material specifications

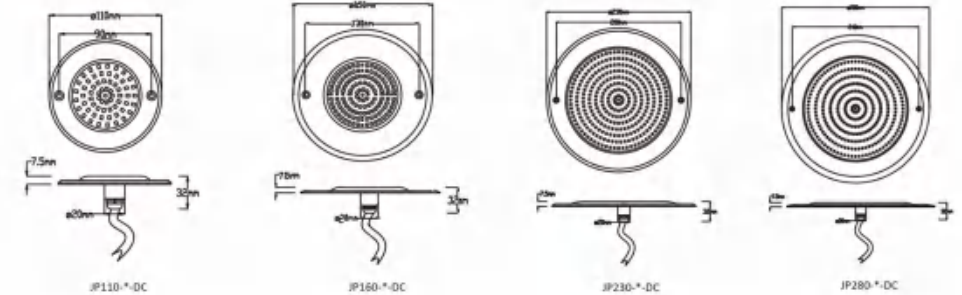
Housing	PC
Front Cover	Stainless steel 316L
LED	High bright SMD LED
CRI	Ra>80
IP Grade	IP68
Working Environment	-20°C ~+40°C
Power cable	2 meters H05RN-F 2 wires (single color)/ 4 wires (RGB)/5 wires (RGBW)
Control mode	<ul style="list-style-type: none"> • Switch control • Remote control(RF,IR) • APP,DALI,0-10V ...

Connection Diagram



Outer Dimensions

Unit:mm



Item No.	LED Qty [pcs]	Power	Input Voltage	Emitting Color	Beam Angle	Material
JP110-6W-DC	SMD 2835 63pcs	6W	DC12V	Warm White Cool White Red Green Blue RGB RGBW	120°	316SS+PC
JP160-10W-DC	SMD 2835 108pcs	10W				
JP230-18W-DC	SMD 2835 252pcs	18W				
JP230-25W-DC	SMD 2835 324pcs	25W				
JP230-35W-DC	SMD 2835 432pcs	35W				
JP280-25W-DC	SMD 2835 324pcs	25W				
JP280-35W-DC	SMD 2835 432pcs	35W				
JP280-42W-DC	SMD 2835 540pcs	42W				





IP110-6W-AC

IP160-10W-AC

Split type Pool light /316L+ABS Ultra-thin 7.5mm(AC series)



IP230-18W-AC
IP230-25W-AC
IP230-35W-AC

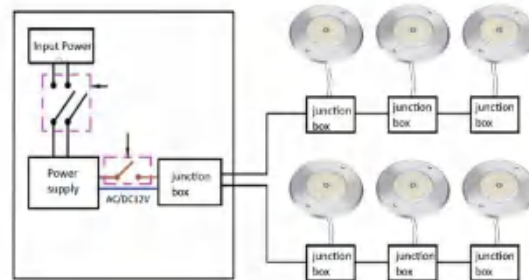


IP280-25W-AC
IP280-35W-AC
IP280-42W-AC

Material specifications

Housing	PC
Front Cover	Stainless steel 316L
LED	High bright SMD LED
CRI	Ra>80
IP Grade	IP68
Working Environment	-20°C ~+40°C
Power cable	2 meters H05RN-F 2 wires (single color)/ 2 wires (RGB)/(RGBW)
Control mode	<ul style="list-style-type: none"> • Switch control • Remote control(RF,IR) • APP,DALLI-10V ...

Connection Diagram



side view



back view



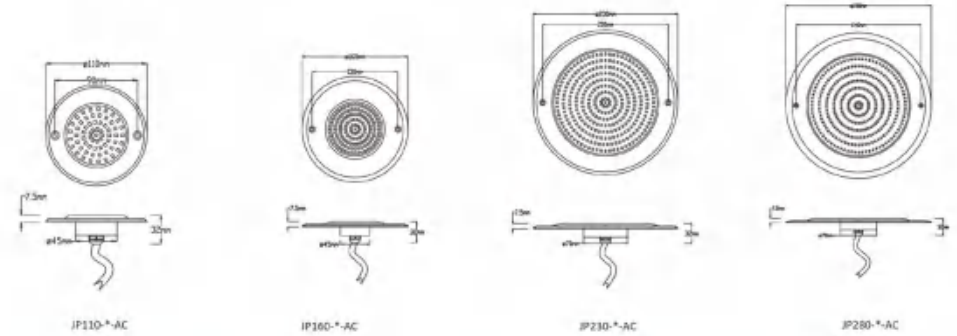
Customized color box



18Keys remote(RGB/RGBW Optional accessory)

Outer Dimensions

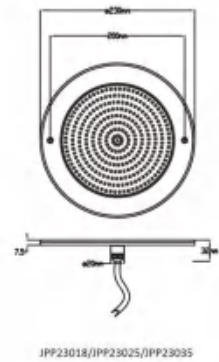
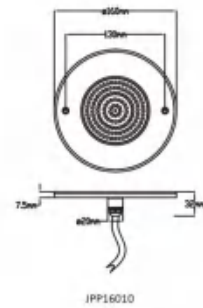
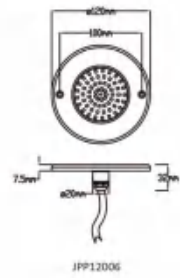
Unit:mm



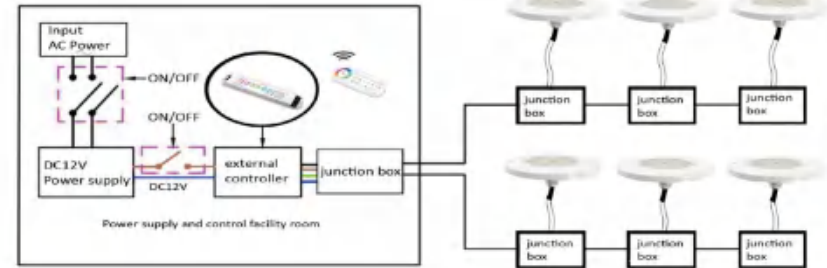
Item No.	LED Qty (pcs)	Power	Input Voltage	Emitting Color	Beam Angle	Material
JP110-6W-AC	SMD 2835 63pcs	6W	AC12V	Warm White Cool White Red Green Blue RGB RGBW	120°	316SS+PC
JP160-10W-AC	SMD 2835 108pcs	10W				
JP230-18W-AC	SMD 2835 252pcs	18W				
JP230-25W-AC	SMD 2835 324pcs	25W				
JP230-35W-AC	SMD 2835 432pcs	35W				
JP280-25W-AC	SMD 2835 324pcs	25W				
JP280-35W-AC	SMD 2835 432pcs	35W				
JP280-42W-AC	SMD 2835 540pcs	42W				

PAR56-Fully Plastic /PC+ABS

Ultra-thin 7.5mm(DC series)



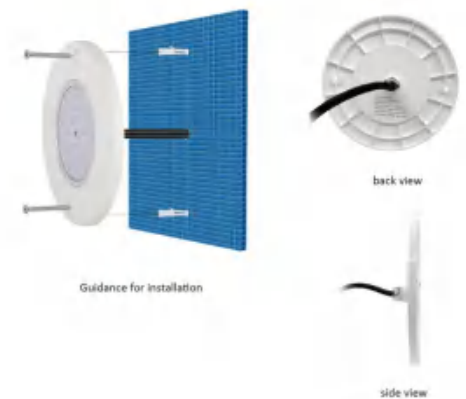
Connection Diagram



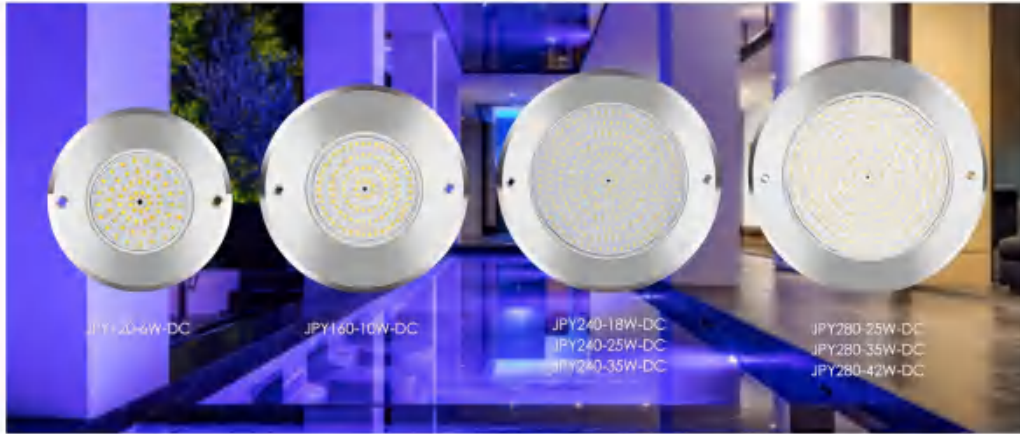
Item No.	LED Qty (pcs)	Power	Input voltage	Emitting Color	Beam Angle	Material
JPP12006	SMD 2835 63pcs	6W	DC12V	Warm White Cool White Red Green Blue RGB RGBW	120°	PC
JPP16010	SMD 2835 108pcs	10W				
JPP23018	SMD 2835 252pcs	18W				
JPP23025	SMD 2835 324pcs	25W				
JPP23035	SMD 2835 432pcs	35W				

Material specifications

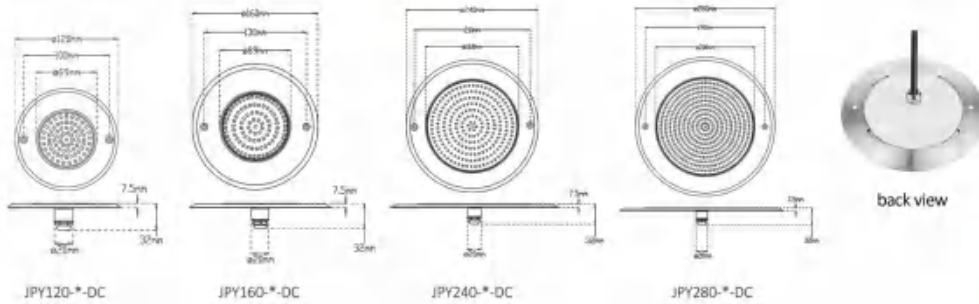
Housing	PC
LED	High bright SMD LED
CRI	Ra>80
IP Grade	IP68
Working Environment	-20°C ~+40°C
Power cable	2 meters H05RN-F 2 wires (single color)/ 4 wires (RGB)/5 wires (RGBW)
Control mode	• Switch control • Remote control(RF,IR) • APP,DAU,0-10V ...



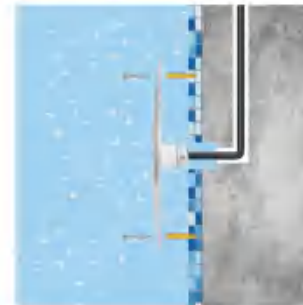
Integrated type Pool Light 316L+ABS/H=7.5mm(DC series)



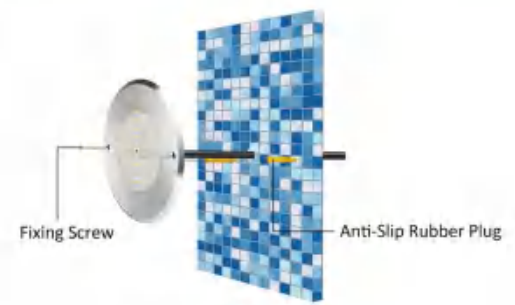
Outer Dimensions Unit:mm



Installation illustration (Please refer to the instruction manual)



2D Installation Diagram



3D Installation Diagram

Application location: Concrete swimming pools and Underwater Facilities.

Material specifications

Material:	Stainless steel 316L+ABS
CRI	Ra>80%
IP Grade:	IP68
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*1mm ² L=2m(for single color) H05RN-F 4*0.5mm ² L=2m(for RGB) H05RN-F 5*0.5mm ² L=2m(for RGBW)
Control mode:	Switch control Remote control(RF,IR) APP,DALI0-10V...



Warning:
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
JPY120-6W-DC	SMD2835 63pcs	6W	DC12V	Warm White Natural White Cool White Red Green Blue RGB RGBW	120°	SS316L+ABS
JPY160-10W-DC	SMD2835 108pcs	10W				
JPY240-18W-DC	SMD2835 252pcs	18W				
JPY240-25W-DC	SMD2835 324pcs	25W				
JPY240-35W-DC	SMD2835 432pcs	35W				
JPY280-25W-DC	SMD2835 324pcs	25W				
JPY280-35W-DC	SMD2835 432pcs	35W				
JPY280-42W-DC	SMD2835 540pcs	42W				

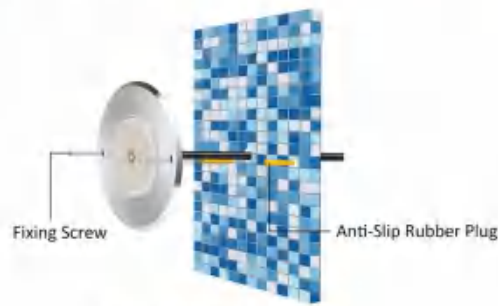
Integrated type Pool Light 316L+ABS/H=7.5mm(AC series)



Installation Illustration (Please refer to the instruction manual)



2D Installation Diagram



3D Installation Diagram

Application location: Concrete swimming pools and Underwater Facilities.

Item No.	LED Qty (PCS)	Power (W/1b)	Input Voltage	LED Color	Beam angle	Material
JPY120-6W-AC	SMD2835 63pcs	6W	AC12V (inbuilt CC driver)	Warm White Natural White Cool White Red Green Blue RGB RGBW	120°	SS316L+ABS
JPY160-10W-AC	SMD2835 108pcs	10W				
JPY240-18W-AC	SMD2835 252pcs	18W				
JPY240-25W-AC	SMD2835 324pcs	25W				
JPY240-35W-AC	SMD2835 432pcs	35W				
JPY280-25W-AC	SMD2835 324pcs	25W				
JPY280-35W-AC	SMD2835 432pcs	35W				
JPY280-42W-AC	SMD2835 540pcs	42W				



JPY120-6W-AC

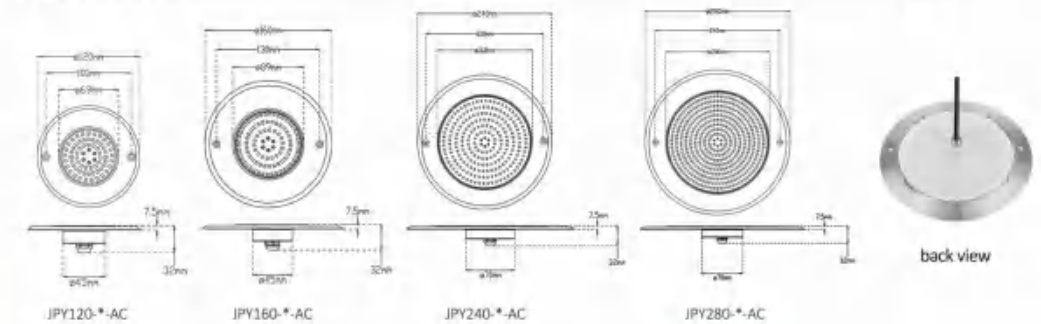
JPY160-10W-AC

JPY240-18W-AC
JPY240-25W-AC
JPY240-35W-AC

JPY280-25W-AC
JPY280-35W-AC
JPY280-42W-AC

Outer Dimensions

Unit:mm



JPY120-*AC

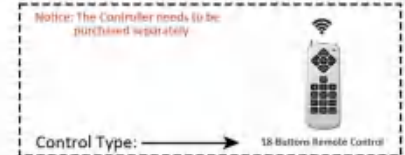
JPY160-*AC

JPY240-*AC

JPY280-*AC

Material specifications

Material:	Stainless steel 316L+ABS
CRI	Ra>80%
IP Grade:	IP68
Operating temperature:	-20°C~+40°C
Power cable:	H05RN-F 2*1.0mm/L=2m (for single color) H05RN-F 2*1.0mm/L=2m (for RGB/RGBW)
Control mode:	Switch control Remote control(RF,IR) APP,DALI,0-10V...



Warning: Must be installed on the concrete to prevent the light from being pulled out accidentally because of the weight.

Integrated type Pool Light 316L+ABS/H=10mm(DC series)



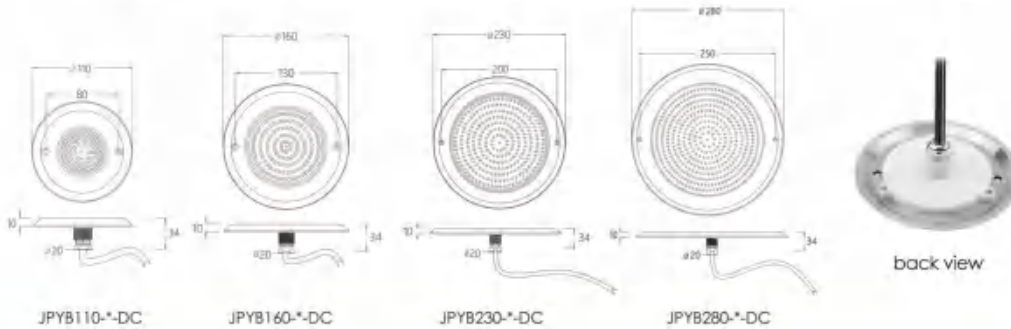
JPYB110-6W-DC

JPYB160-10W-DC

JPYB230-18W-DC
JPYB230-25W-DC
JPYB230-35W-DC

JPYB280-25W-DC
JPYB280-35W-DC
JPYB280-42W-DC

Outer Dimensions Unit:mm



JPYB110-*-DC

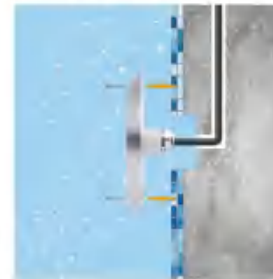
JPYB160-*-DC

JPYB230-*-DC

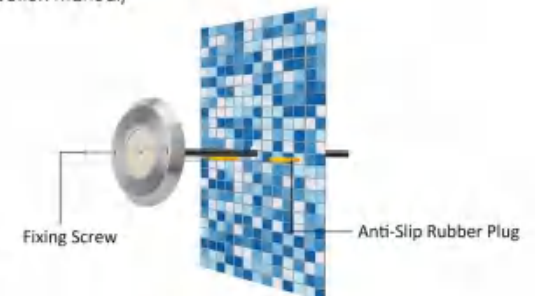
JPYB280-*-DC

back view

Installation illustration (Please refer to the instruction manual)



2D Installation Diagram



3D Installation Diagram

Application location: Concrete swimming pools and Underwater Facilities.

Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
JPYB110-6W-DC	SMD2835 54pcs	6W	DC12V	Warm White Natural White Cool White Red Green Blue RGB RGBW	120°	SS316L+ABS
JPYB160-10W-DC	SMD2835 132pcs	10W				
JPYB230-18W-DC	SMD2835 252pcs	18W				
JPYB230-25W-DC	SMD2835 333pcs	25W				
JPYB230-35W-DC	SMD2835 432pcs	35W				
JPYB280-25W-DC	SMD2835 333pcs	25W				
JPYB280-35W-DC	SMD2835 432pcs	35W				
JPYB280-42W-DC	SMD2835 540pcs	42W				

Material specifications

Material:	Stainless steel 316L+ABS
CR:	R _a >80%
IP Grade:	IP68
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*1mm ² L=2m(for single color) H05RN-F 4*0.5mm ² L=2m(for RGB) H05RN-F 5*0.5mm ² L=2m(for RGBW)
Control mode:	Switch control Remote control(RF/IR) APP, DALI-10V...



Warning:
Must be installed under the water to prevent the lights from being shorted because of the rain-falling.



JPYB110-6W-AC

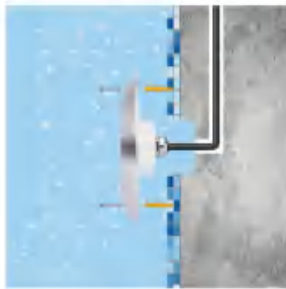
JPYB160-10W-AC

JPYB230-18W-AC

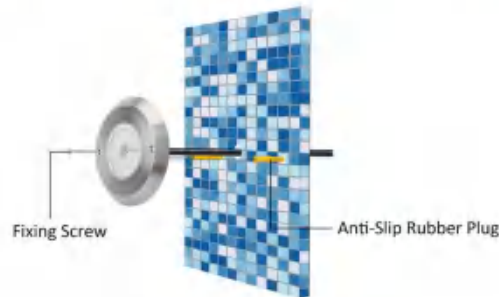
JPYB230-25W-AC

JPYB230-35W-AC

Installation illustration (Please refer to the instruction manual)



2D Installation Diagram



3D Installation Diagram

Application location: Concrete swimming pools and Underwater Facilities.

Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
JPYB110-6W-AC	SMD2835 54pcs	6W	AC12V (inbuilt CC driver)	Warm White Natural White Cool White Red Green Blue RGB RGBW	120°	SS316L+ABS
JPYB160-10W-AC	SMD2835 132pcs	10W				
JPYB230-18W-AC	SMD2835 252pcs	18W				
JPYB230-25W-AC	SMD2835 333pcs	25W				
JPYB230-35W-AC	SMD2835 432pcs	35W				
JPYB280-25W-AC	SMD2835 333pcs	25W				
JPYB280-35W-AC	SMD2835 432pcs	35W				
JPYB280-42W-AC	SMD2835 540pcs	42W				

Integrated type Pool Light 316L+ABS/H=10mm(AC series)



JPYB280-25W-AC

JPYB280-35W-AC

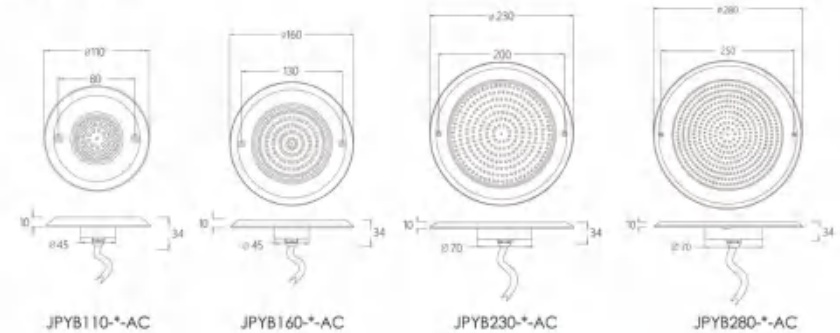
JPYB280-42W-AC



Back view

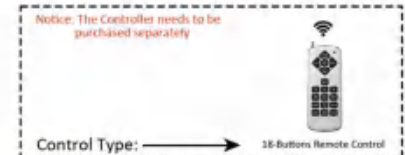
Outer Dimensions

Unit:mm



Material specifications

Material:	Stainless steel 316L+ABS
CRI	Ra>80%
IP Grade:	IP68
Operating temperature:	-20°C~+40°C
Power cable:	H05RN-F 2*1.0mm ² L=2m(for single color) H05RN-F 2*1.0mm ² L=2m(for RGB/RGBW)
Control mode:	Switch control Remote control(RE,IR) APP,DAU,0-10V...

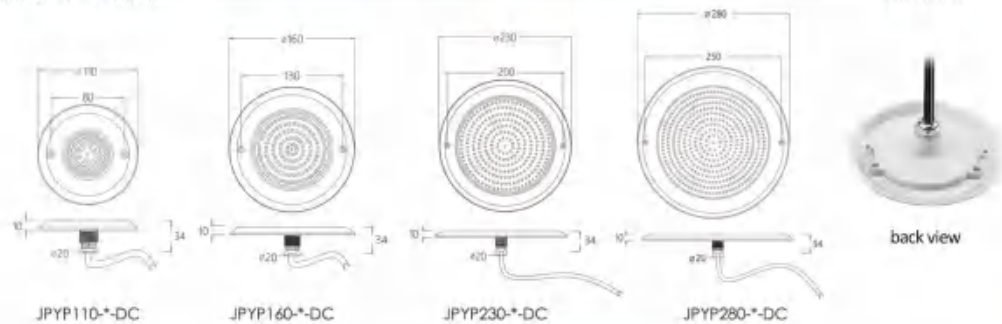


*Warning:
Must be installed under the water to prevent the lights from being burst off because of the over-heating.

Integrated type Pool Light PC+ABS/Ultra-thin 10mm(DC series)

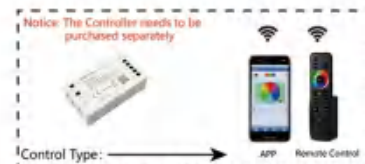


Outer Dimensions



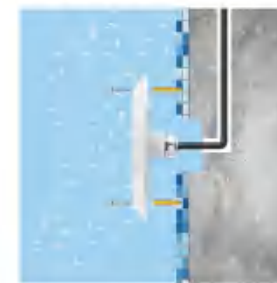
Material specifications

Material:	PC Plastic
CRI	Ra>80%
IP Grade:	IP68
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*1mm ² L=2m(for single color) H05RN-F 4*0.5mm ² L=2m(for RGB) H05RN-F 3*0.5mm ² L=2m(for RGBW)
Control mode:	Switch control Remote control(RF,IR) APP,DAU,D-10V...

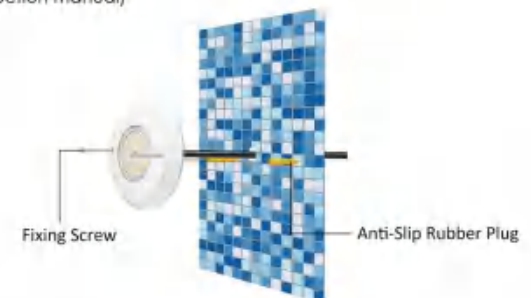


Warning: Must be installed under the water to prevent the lights from fading again off because of the air-watering.

Installation Illustration (Please refer to the instruction manual)



2D Installation Diagram



3D Installation Diagram

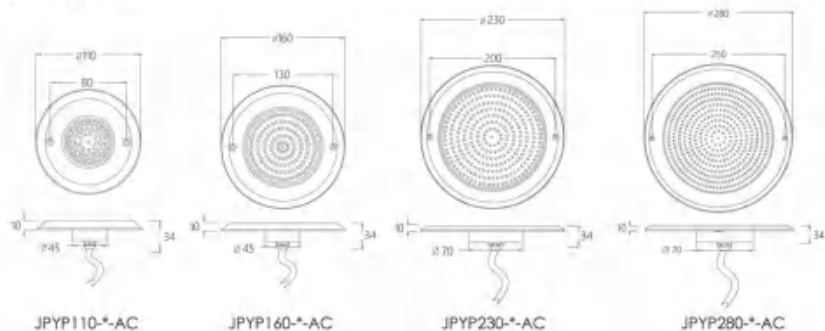
Application location: Concrete swimming pools and Underwater Facilities.

Item No.	LED Qty (PCS)	Power (Watt)	Input Voltage	LED Color	Beam angle	Material
JPYP110-6W-DC	SMD2835 54pcs	6W	DC12V	Warm White Natural White Cool White	120°	PC+ABS
JPYP160-10W-DC	SMD2835 132pcs	10W				
JPYP230-18W-DC	SMD2835 252pcs	18W				
JPYP230-25W-DC	SMD2835 333pcs	25W				
JPYP230-35W-DC	SMD2835 432pcs	35W		Red Green Blue RGB RGBW		
JPYP280-25W-DC	SMD2835 333pcs	25W				
JPYP280-35W-DC	SMD2835 432pcs	35W				
JPYP280-42W-DC	SMD2835 540pcs	42W				

Integrated type Pool Light PC+ABS/Ultra-thin 10mm(AC series)



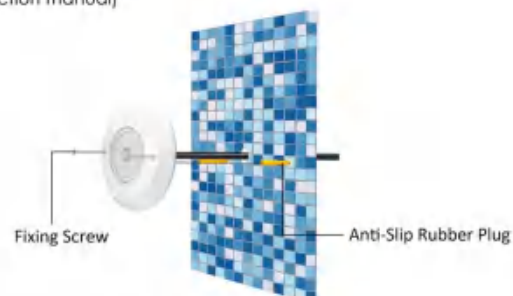
Outer Dimensions Unit:mm



Installation illustration (Please refer to the instruction manual)



2D Installation Diagram



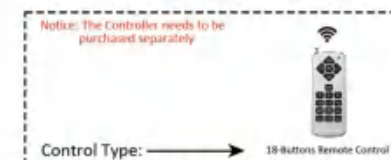
3D Installation Diagram

Application location: Concrete swimming pools and Underwater Facilities.



Material specifications

Material:	PC Plastic
CRI	Ra>80%
IP Grade:	IP68
Operating temperature:	-20°C~+40°C
Power cable:	H05RN-F 2*1.0mm ² L=2m(for single color) H05RN-F 2*1.0mm ² L=2m(for RGB/RGBW)
Control mode:	Switch control Remote control(RF,IR) APP,DALI,0-10V...



***Warning:**
Must be installed under the water to prevent the light from being burnt off because of the over-heating.

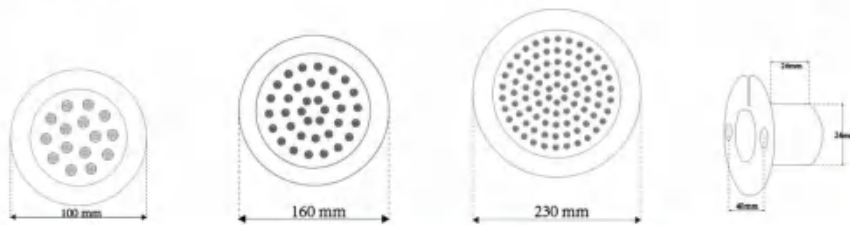
Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
JPYP110-6W-AC	SMD2835 54pcs	6W	AC12V (Inbuilt CC driver)	Warm White Natural White Cool White Red Green Blue RGB RGBW	120°	PC+ABS
JPYP160-10W-AC	SMD2835 132pcs	10W				
JPYP230-18W-AC	SMD2835 252pcs	18W				
JPYP230-25W-AC	SMD2835 333pcs	25W				
JPYP230-35W-AC	SMD2835 432pcs	35W				
JPYP280-25W-AC	SMD2835 333pcs	25W				
JPYP280-35W-AC	SMD2835 432pcs	35W				
JPYP280-42W-AC	SMD2835 540pcs	42W				

Wall Mounted type/PC Pool lights

Suitable For Concrete Pools(DC series)



Outer Dimensions Unit:mm



Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
JPM100-6W-DC	SMD5050 15pcs	6W	DC12V	Warm White Cool White Red Green Blue RGB RGBW	120°	PC
JPM160-10W-DC	SMD5050 30pcs	10W				
JPM160-12W-DC	SMD5050 30pcs	12W				
JPM230-18W-DC	SMD5050 90pcs	18W				
JPM230-25W-DC	SMD5050 90pcs	25W				
JPM230-30W-DC	SMD5050 90pcs	30W				



Material specifications

Material:	PC Plastic
CRI	Ra>80%
IP Grade:	IP68
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*1mm ² L=2m(for single color) H05RN-F 4*0.5mm ² L=2m(for RGB) H05RN-F 5*0.5mm ² L=2m(for RGBW)
Control mode:	Switch control Remote control(RF,IR) APP,DALI,0-10V...



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Installation Illustration (Please refer to the instruction manual)

Step 1



Step 2



Application location: Fiberglass & liner pools & Underwater Facilities.

Wall Mounted type/PC Pool lights

Suitable For Concrete Pools(AC series)

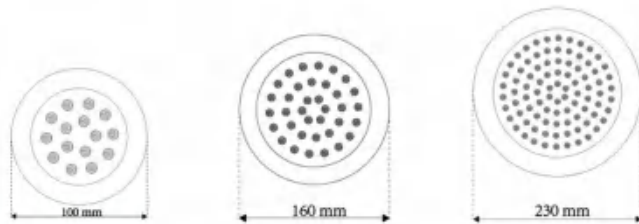


JPMB100-6W-AC

JPMB160-10W-AC
JPMB160-12W-AC

JPMB230-18W-AC
JPMB230-25W-AC
JPMB230-30W-AC

Outer Dimensions ————— Unit:mm



Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
JPMB100-6W-AC	SMD5050 15pcs	6W	AC12V (Inbuilt CC driver)	Warm White Cool White Red Green Blue RGB RGBW	120°	PC
JPMB160-10W-AC	SMD5050 30pcs	10W				
JPMB160-12W-AC	SMD5050 30pcs	12W				
JPMB230-18W-AC	SMD5050 90pcs	18W				
JPMB230-25W-AC	SMD5050 90pcs	25W				
JPMB230-30W-AC	SMD5050 90pcs	30W				

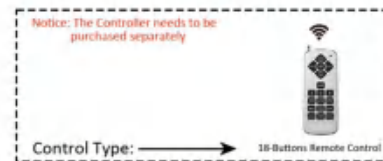


Material specifications

Material:	PC Plastic
CRI:	Ra>80%
IP Grade:	IP68
Operating temperature:	-20°C~+40°C
Power cable:	H05RN-F 2*1.0mm ² =2m [for single color] H05RN-F 2*1.0mm ² =2m [for RGB/RGBW]
Control mode:	Switch control Remote control(RF,IR) APP,DAU,0-10V...



back view



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

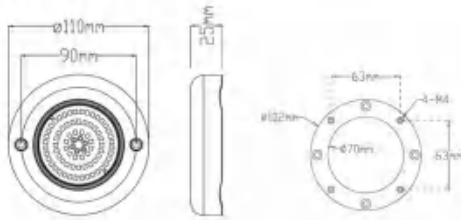
Wall Mounted type /PC Pool lights Suitable for Concret Pool-(AC series)



JPB110-6W

Outer Dimensions

Unit:mm



JPB110-6W

Optional Accessories
Mounting Bracket(ABS)



back view

Installation Illustration

(Please refer to the instruction manual)



2D Installation Diagram

3D Installation Diagram

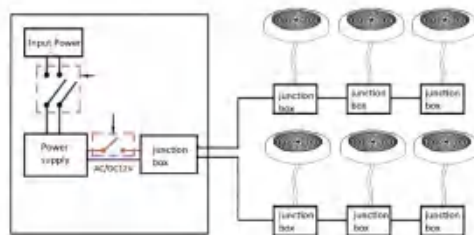


Back View



Front View

Connection Diagram:



Warning:

Must be installed under the water to prevent the lights from being burnt off because of the overfiring.



JPB152-10W
JPB152-18W

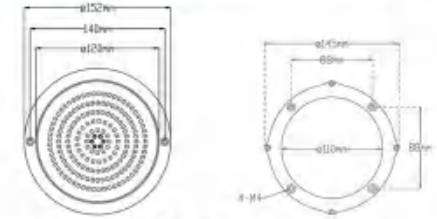
back view

Material specifications

Material:	PC+ABS
LED:	High bright SMD LED
CRI:	Ra>80%
IP Grade:	IP68
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*1.0mm ² L=2m(for single color) H05RN-F 2*1.0mm ² L=2m(for RGB) H05RN-F 2*1.0mm ² L=2m(for RGBW)
Control mode:	Switch control Remote control(RF,IR) APP,DALI,D-10V...

Outer Dimensions

Unit:mm



JPB152-10W/JPB152-18W

Optional Accessories
Mounting Bracket(ABS)

Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
JPB110-6W	SMD2835 63pcs	6W		Warm White Natural White		
JPB152-10W	SMD2835 135pcs	10W	AC12V	Cool White	120°	PC+ABS
JPB152-18W	SMD2835 252pcs	18W		Red /Green /Blue RGB/RGBW		

Notice: The Controller needs to be purchased separately



Control Type: 18-Buttons Remote Control



JPB180-18W/JPB180-24W

Wall Mounted type /PC Pool lights Suitable for Concret Pool-(AC series)



JPB230-18W/JPB230-25W
JPB230-35W/JPB230-42W

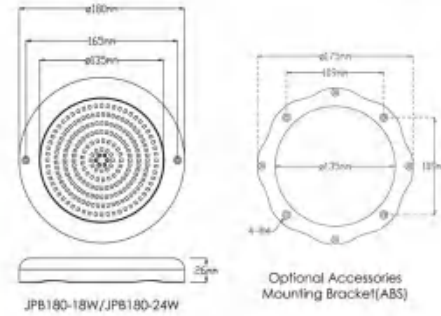
back view

Installation Illustration
(Please refer to the instruction manual)

Outer Dimensions Unit:mm



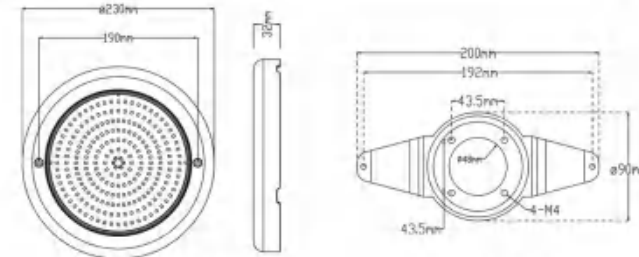
2D Installation Diagram 3D Installation Diagram



JPB180-18W/JPB180-24W

Optional Accessories
Mounting Bracket(ABS)

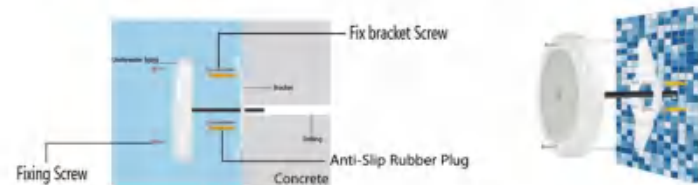
Outer Dimensions Unit:mm



JPB230-18W/JPB230-25W
JPB230-35W/JPB230-42W

Optional Accessories
Mounting Bracket(ABS)

Installation Illustration (Please refer to the instruction manual)



2D Installation Diagram

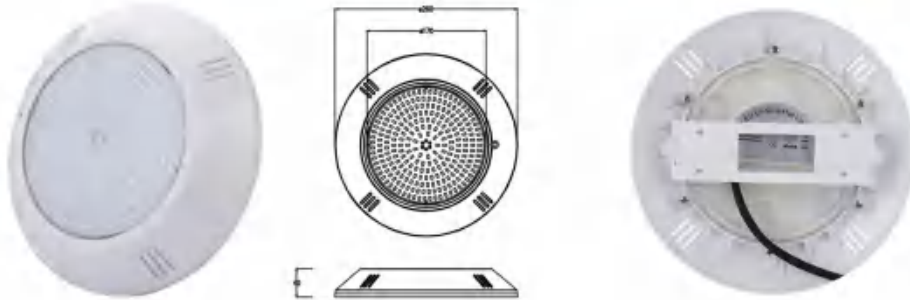
3D Installation Diagram

Application location: Concrete swimming pools and Underwater Facilities.

***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the overheating.

Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
JPB180-18W	SMD2835 252pcs	18W	AC12V	Warm White	120°	PC+ABS
JPB180-24W	SMD2835 324pcs	24W		Natural White		
JPB230-18W	SMD2835 252pcs	18W		Cool White		
JPB230-25W	SMD2835 324pcs	25W		Red		
JPB230-35W	SMD2835 432pcs	35W		Green		
JPB230-42W	SMD2835 540pcs	42W		Blue		
				RGB		
				RGBW		

Wall Mounted type /PC Pool lights Suitable for Concret Pool-(AC series)



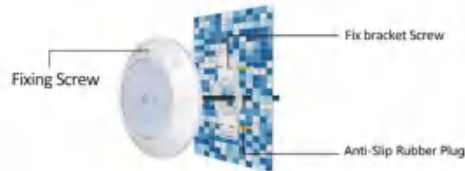
JPB260-18W /JPB260-25W
JPB260-35W /JPB260-42W

back view

Installation Illustration (Please refer to the instruction manual)



Front View

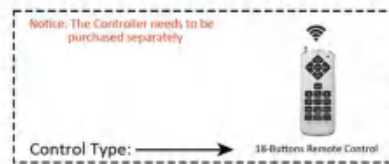


3D Installation Diagram

Application location: Concrete swimming pools and Underwater Facilities.

Material specifications

Material:	PC+ABS
LED:	High bright SMD LED
CRI:	Ra>80%
IP Grade:	IP68
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*1.0mm ² L=2m(for single color) H05RN-F 2*1.0mm ² L=2m(for RGB) H05RN-F 2*1.0mm ² L=2m(for RGBW)
Control mode:	Switch control Remote control(RF,IR) APP,DALI,D-10V...

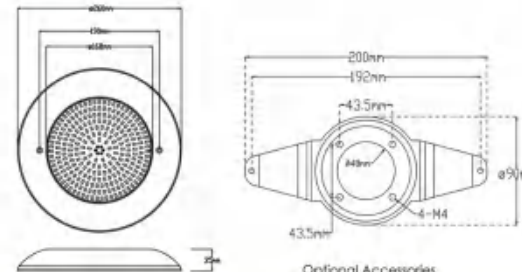


Warning:
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.



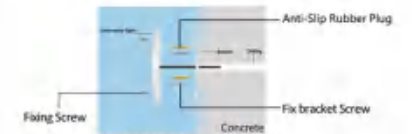
JPW260-18W /JPW260-25W
JPW260-35W /JPW260-42W

Outer Dimensions Unit:mm



JPW260-18W /JPW260-25W
JPW260-35W /JPW260-42W

Installation Illustration
(Please refer to the instruction manual)



2D Installation Diagram



3D Installation Diagram

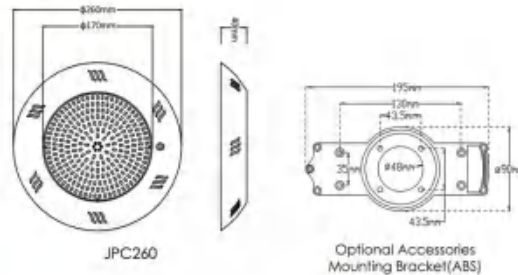
Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
JPB260-18W	SMD2835 252pcs	18W	AC12V	Warm White Natural White Cool White Red Green Blue RGB RGBW	120°	PC+ABS
JPB260-25W	SMD2835 324pcs	25W				
JPB260-35W	SMD2835 432pcs	35W				
JPB260-42W	SMD2835 540pcs	42W				
JPW260-18W	SMD2835 252pcs	18W				
JPW260-25W	SMD2835 324pcs	25W				
JPW260-35W	SMD2835 432pcs	35W				
JPW260-42W	SMD2835 540pcs	42W				



JPC260-18W/JPC260-25W
JPC260-35W/JPC260-42W

Outer Dimensions

Unit:mm



JPC260

Optional Accessories
Mounting Bracket(ABS)



back view

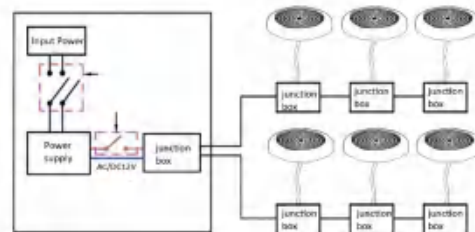
*Warning:

Must be installed under the water to prevent the light from being burnt off because of the over-heating.

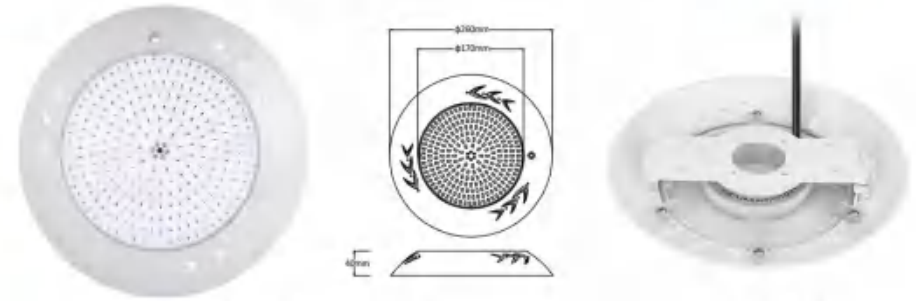
Material specifications

Material:	PC+ABS
LED:	High bright SMD LED
CRI:	Ra>80%
IP Grade:	IP68
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*1.0mm ² L=2m(for single color) H05RN-F 2*1.0mm ² L=2m(for RGB) H05RN-F 2*1.0mm ² L=2m(for RGBW)
Control mode:	Switch control Remote control(RF,IR) APP,DAU,0-10V...

Connection Diagram:



Wall Mounted type /PC Pool lights
Suitable for Concret Pool-(AC series)



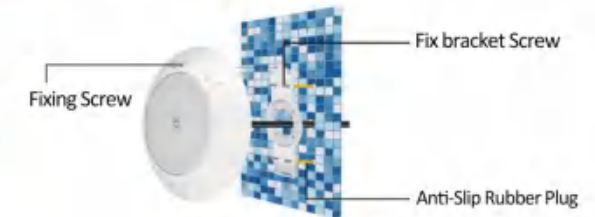
JPE260-18W/JPE260-25W
JPE260-35W/JPE260-42W

back view

Installation Illustration (Please refer to the instruction manual)



Front View

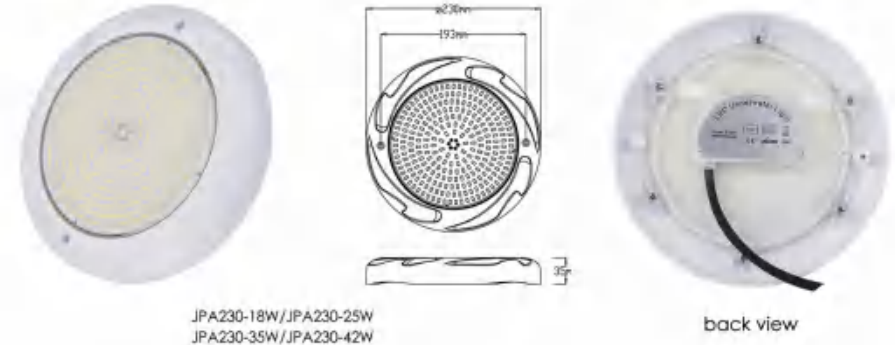


3D Installation Diagram

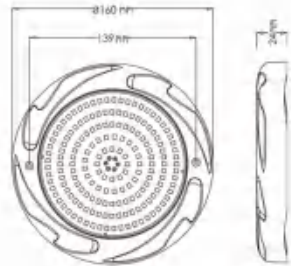
Application location: Concrete swimming pools and Underwater Facilities.

Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
JPC260-18W	SMD2835 252pcs	18W	AC12V	Warm White Natural White Cool White Red Green Blue RGB RGBW	120°	PC+ABS
JPC260-25W	SMD2835 324pcs	25W				
JPC260-35W	SMD2835 432pcs	35W				
JPC260-42W	SMD2835 540pcs	42W				
JPE260-18W	SMD2835 252pcs	18W				
JPE260-25W	SMD2835 324pcs	25W				
JPE260-35W	SMD2835 432pcs	35W				
JPE260-42W	SMD2835 540pcs	42W				

Wall Mounted type /PC Pool lights Suitable for Concret Pool-(AC series)

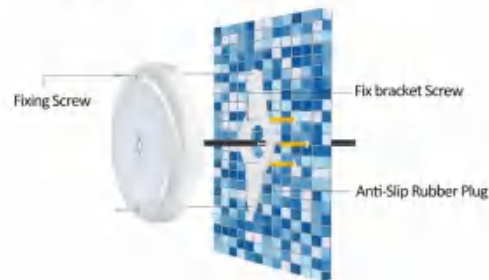


Outer Dimensions Unit:mm



JPA160-10W/JPA160-18W

Installation Illustration
(Please refer to the instruction manual)



100% Waterproof potting technology,
High Luminous Efficacy, Super Energy Saving.

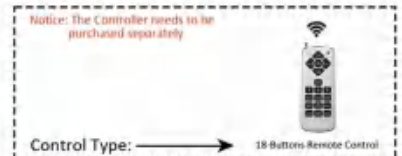


Application location: Concrete swimming pools and Underwater Facilities.

Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
JPA160-10W	SMD2835 135pcs	10W	AC12V	Warm White Natural White Cool White Red Green Blue RGB RGBW	120°	PC+ABS
JPA160-18W	SMD2835 252pcs	18W				
JPA230-18W	SMD2835 252pcs	18W				
JPA230-25W	SMD2835 324pcs	25W				
JPA230-35W	SMD2835 432pcs	35W				
JPA230-42W	SMD2835 540pcs	42W				

Material specifications

Material:	PC+ABS
LED:	High bright SMD LED
CRI:	Ra>80%
IP Grade:	IP68
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*1.0mm ² L=2m(for single color) H05RN-F 2*1.0mm ² L=2m(for RGB) H05RN-F 2*1.0mm ² L=2m(for RGBW)
Control mode:	Switch control Remote control(RF,IR) APP,DALI,0-10V...

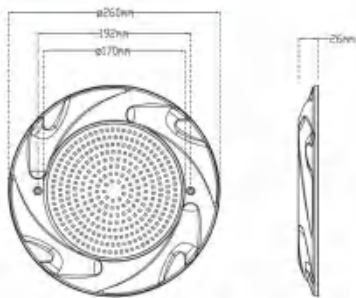


Warning:
Must be initiated under the water to prevent the light from being burnt off because of the over-heating.

Wall-Mounted Pool Light/PC Suitable For Concrete Pools(AC series)

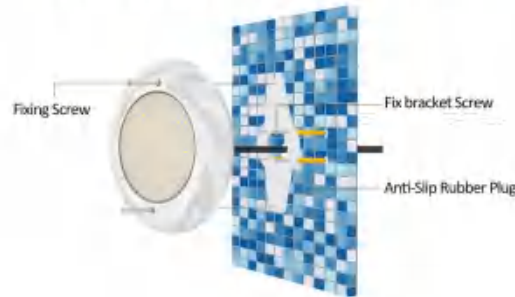


Outer Dimensions Unit:mm



JPA260

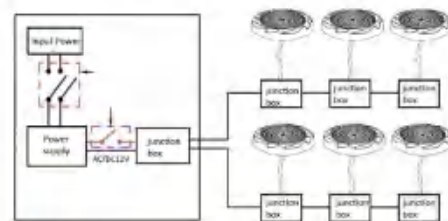
Installation Illustration
(Please refer to the instruction manual)



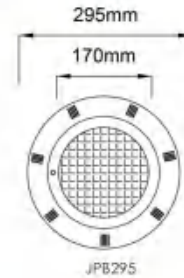
Material specifications

Material:	PC+ABS
LED:	High bright SMD LED
CRI:	Ra>80%
IP Grade:	IP68
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*1.0mm*PL=2m (for single color) H05RN-F 2*1.0mm*PL=2m (for RGB) H05RN-F 2*1.0mm*PL=2m (for RGBW)
Control mode:	Switch control Remote control(RF,IR) APP,DAI,0-10V...

Connection Diagram:



*Warning:
Don't be installed under the water to prevent the lights from being burn off because of the over-heating.



Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
JPA260-18W	SMD2835 252pcs	18W	AC12V	Warm White Natural White Cool White Red Green Blue REB RGBW	120°	PC/ABS
JPA260-25W	SMD2835 324pcs	25W				
JPA260-35W	SMD2835 432pcs	35W				
JPA260-42W	SMD2835 540pcs	42W				
JPB295-12W	SMD2835	12W				
JPB295-18W	SMD2835	18W				
JPB295-25W	SMD2835	25W				
JPB295-35W	SMD2835	35W				
JPB295-45W	SMD2835	45W				



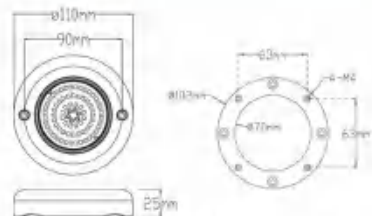
Wall Mounted type Pool lights/316L Suitable for Concret Pools-(AC series)



SS-JPB230-18W / SS-JPB230-25W
SS-JPB230-35W / SS-JPB230-42W

Back View

Outer Dimensions Unit:mm

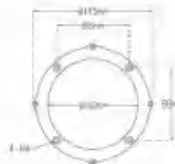


SS-JPB110-6W

Optional Accessories
Mounting Bracket(SS316L)

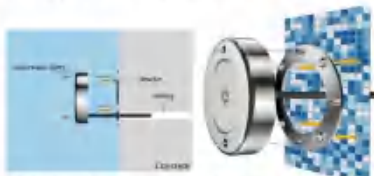


SS-JPB152-10W
SS-JPB152-18W



Optional Accessories
Mounting Bracket(SS316L)

Installation Illustration
(Please refer to the instruction manual)



2D Installation Diagram

3D Installation Diagram

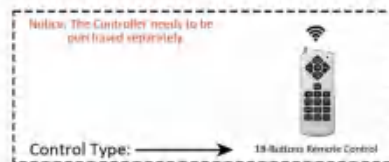
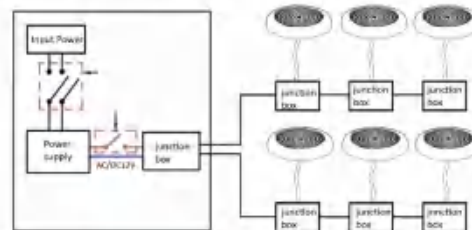


Back View



Front View

Connection Diagram:

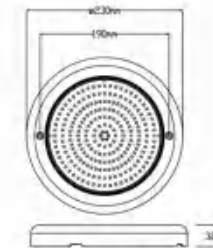


Control Type: 18-Buttons Remote Control

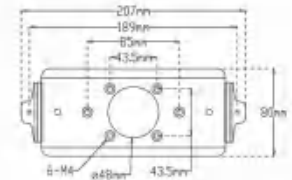
Material specifications

Material:	SS316L+ABS
LED:	High bright SMD LED
CRI:	Ra>80%
IP Grade:	IP68
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*1.0mm ² L=2m(for single color) H05RN-F 2*1.0mm ² L=2m(for RGB) H05RN-F 2*1.0mm ² L=2m(for RGBW)
Control mode:	Switch control Remote control(RF,IR) APP,DALI,D-10V...

Outer Dimensions Unit:mm



SS-JPB230-18W / SS-JPB230-25W
SS-JPB230-35W / SS-JPB230-42W



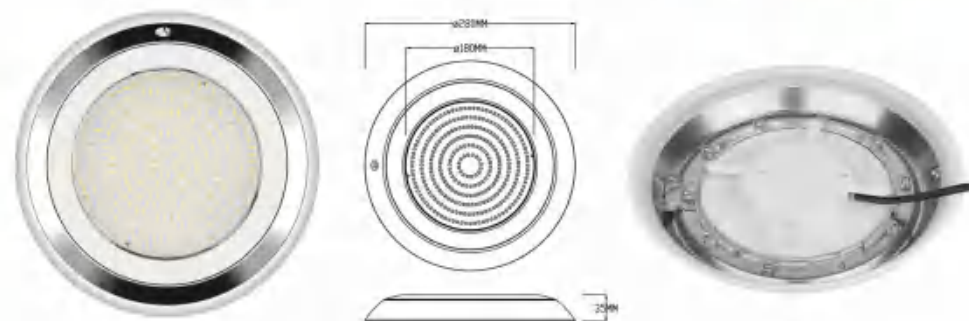
Optional Accessories
Mounting Bracket(SS316L)

Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
SS-JPB110-6W	SMD2835 63pcs	6W	AC12V	Warm White Natural White Cool White Red Green Blue RGB RGBW	120°	Stainless steel 316L +ABS
SS-JPB152-10W	SMD2835 135pcs	10W				
SS-JPB152-18W	SMD2835 252pcs	18W				
SS-JPB230-18W	SMD2835 252pcs	18W				
SS-JPB230-25W	SMD2835 324pcs	25W				
SS-JPB230-35W	SMD2835 432pcs	35W				
SS-JPB230-42W	SMD2835 540pcs	42W				



SS-JPW260-18W/SS-JPW260-25W
SS-JPW260-35W/SS-JPW260-42W

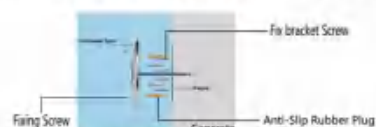
Wall Mounted type Pool lights/316L Suitable for Concret Pools-(AC series)



SS-JP280-18W/SS-JP280-25W
SS-JP280-35W/SS-JP280-42W

back view

Installation Illustration (Please refer to the instruction manual)

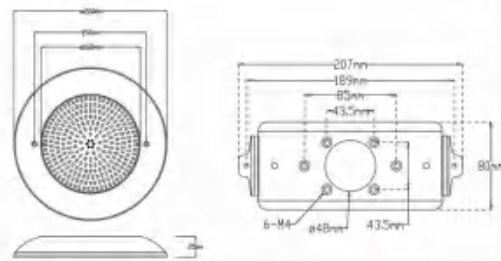


2D Installation Diagram



3D Installation Diagram

Outer Dimensions Unit:mm



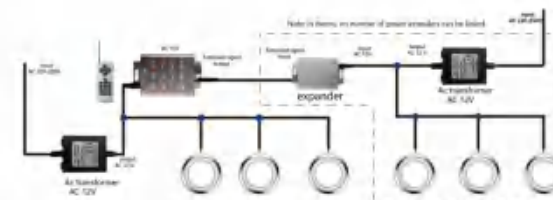
SS-JPW260-18W/SS-JPW260-25W
SS-JPW260-35W/SS-JPW260-42W

Optional Accessories
Mounting Bracket(SS316L)

Material specifications

Material:	SS316L+ABS
LED:	High bright SMD LED
CRI:	Ra>80%
IP Grade:	IP68
Operating temperature:	-20°C~40°C
Power cable:	H05RN-F 2*1.0mm ² L=2m(for single color) H05RN-F 2*1.0mm ² L=2m(for RGB) H05RN-F 2*1.0mm ² L=2m(for RGBW)
Control mode:	Switch control Remote control(RF,IR) APP,DALI0-10V...

Connection Diagram:



Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
SS-JPW260-18W	SMD2835 252pcs	18W	AC12V	Warm White Natural White Cool White Red Green Blue RGB RGBW	120°	SS316L+ABS
SS-JPW260-25W	SMD2835 324pcs	25W				
SS-JPW260-35W	SMD2835 432pcs	35W				
SS-JPW260-42W	SMD2835 540pcs	42W				
SS-JP280-18W	SMD2835 252pcs	18W				
SS-JP280-25W	SMD2835 324pcs	25W				
SS-JP280-35W	SMD2835 432pcs	35W				
SS-JP280-42W	SMD2835 540pcs	42W				



RGB and RGBW lights pairs with wireless control systems add different colors to your night

Fully Potted PAR56 Bulb with Epoxy Resin (AC series)



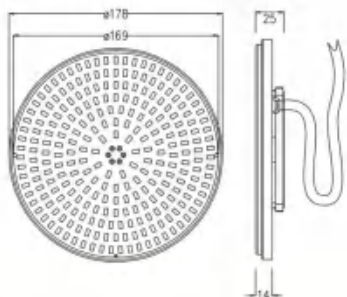
LSW178-18W/LSW178-25W
LSW178-35W/LSW178-42W



back view



Outer Dimensions Unit:mm

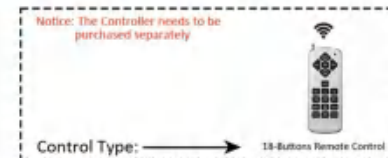


Replacement Lamp Type:



Material specifications

Material:	PC+ABS
LED:	High bright SMD LED
CRI:	Ra > 80%
IP Grade:	IP68
Operating temperature:	-20°C ~ 40°C
Power cable:	H05RN-F 2*1.0mm ² L=2m(for single color) H05RN-F 2*1.0mm ² L=2m(for RGB) H05RN-F 2*1.0mm ² L=2m(for RGBW)
Control mode:	Switch control Remote control(RF,IR) APP,DALI,0-10V...



***Warning:**
Must be installed under the water to prevent the lights from being burnt off because of the over-heating.

Item No.	LED Qty (PCS)	Power (Watts)	Input Voltage	LED Color	Beam angle	Material
LSW178-18W	SMD2835 252pcs	18W	AC12V	Warm White	120°	PC+ABS
LSW178-25W	SMD2835 324pcs	25W		Natural White		
LSW178-35W	SMD2835 432pcs	35W		Cool White		
LSW178-42W	SMD2835 540pcs	42W		Red		
				Green		
				Blue		
				RGB		
				RGBW		

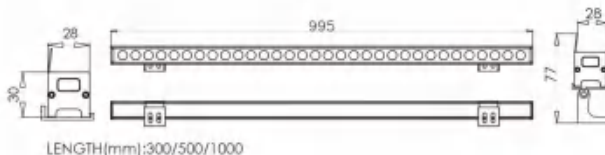
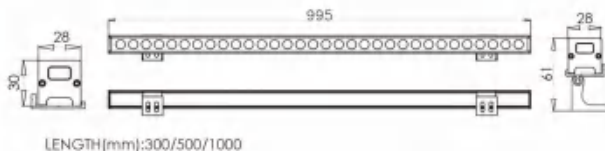
Installation accessories:



LED wall washer light/LED linear light



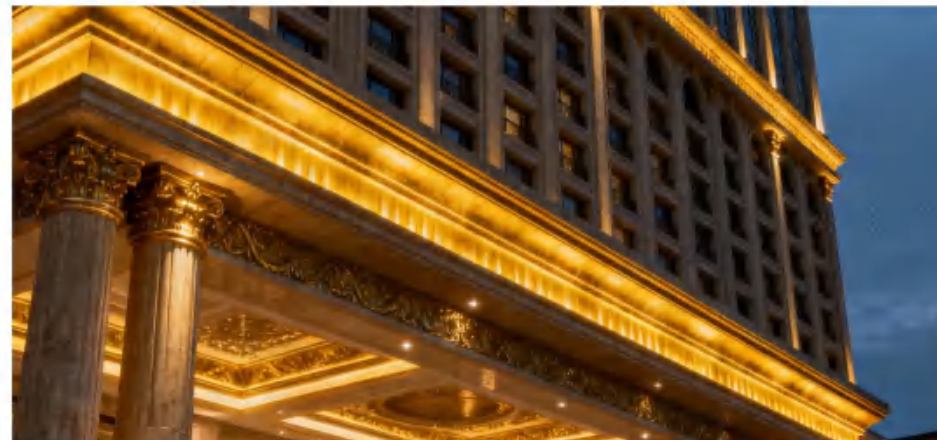
▶ Small Power LED wall washer



Installation Method



Item No.	Light source	Lens beam angle (°)	Length (mm)	Input Voltage (V)	Ik rate
WW-2830-30	OSRAM 3W LED	10°65°	300	DC24V	06
WW-2830-50	OSRAM 7W LED	10°65°	500	DC24V	06
WW-2830-100	OSRAM 15W LED	10°65°	1000	DC24V	06

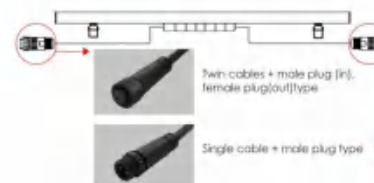


Material specifications

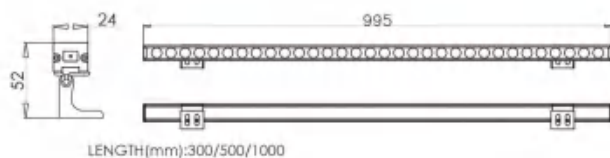
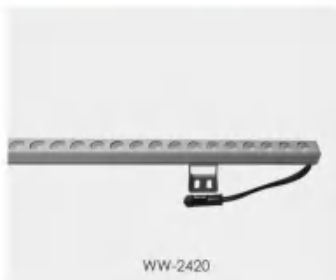
Material:	High quality aluminum material,power spraying on the surface.
Glass:	Optical grade tempered glass,with high transmittance,high temperature resistant
Lens:	Optical lens, efficiency≥85%
Material of fixture:	Aluminum
Optional:	Light source,Anti-glare baffle
LED:	OSRAM LED (Single color/RGB/RGBW)
Operating temperature:	-30°C~+55°C
Power cable:	Rubber cable
Control method:	ON/OFF, DALI, 0-10V, DMX512

Connection

Twin H05RN-F type power cable, with male-female quick connector on both end



▶ Small Power LED wall washer



Installation Method



Item No.	Light source	Lens beam angle (°)	Length (mm)	Input Voltage (V)	k rate
WW-2420-30	OSRAM 3W LED	25°/45°/10°/65°	300	DC24V	06
WW-2420-50	OSRAM 6W LED	25°/45°/10°/65°	500	DC24V	06
WW-2420-100	OSRAM 12W LED	25°/45°/10°/65°	1000	DC24V	06



Material specifications

Material:	High quality aluminum material, power spraying on the surface.
Optical lens:	Optical grade lens, with high transmittance, high temperature resistance, uniform light emission
Lens:	Optical lens, efficiency ≥ 85%
Material of fixture:	Aluminum
Optional:	Light source, Anti-glare baffle
LED:	OSRAM LED (Single color/RGB/RGBW)
Operating temperature:	-30°C ~ +55°C
Power cable:	Rubber cable
Control method:	ON/OFF, DALI, 0-10V, DMX512



Back view

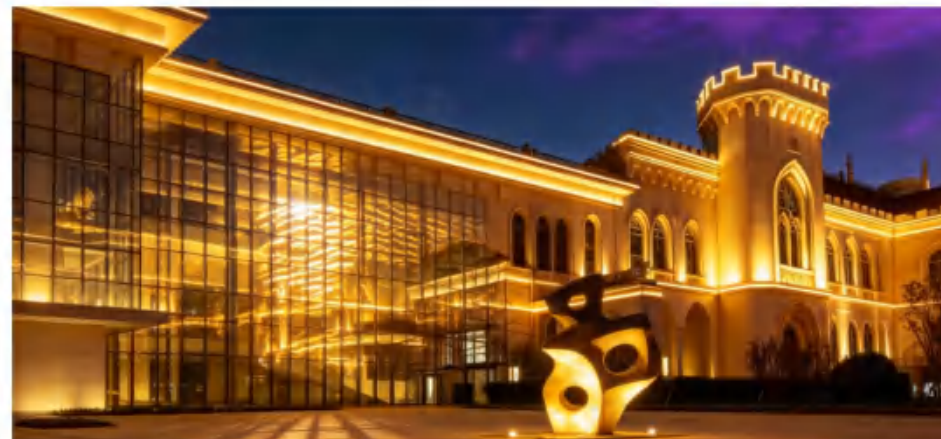
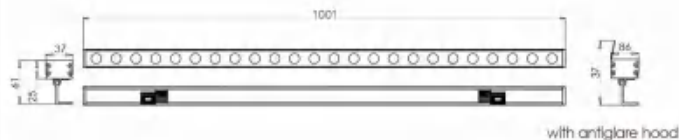
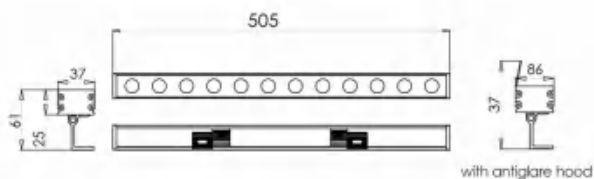
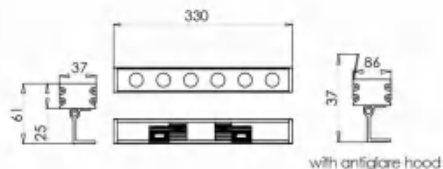
Connection

Twin H05RN-F type power cable, with male-female quick connector on both end



▶ LED Wall Washer Light

with male-female quick connector on both end



Material specifications

Material:	High quality aluminum material,power spraying on the surface.
Glass:	Optical grade tempered glass,with high transmittance,high temperature resistance
Lens:	Optical lens, efficiency>85%
Cable gland:	Copper and nickel coated
Optional:	Light source,Anti-glare baffle
LED:	OSRAM LED (Single color/RGB/RGBW)
Operating temperature:	-30°C~+55°C
Power cable:	Rubber cable
Control method:	ON/OFF,DAU,0-10V,DMX512

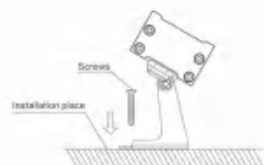
Optional accessories:
with grille



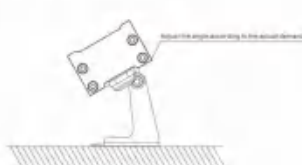
Item No.	Light source	Lens beam angle (°)	Length (mm)	Input Voltage (V)	Life rate
WW-3725-30	OSRAM 6*1W LED	10°65°	300	DC24V	06
WW-3725-50	OSRAM 12*1W LED	10°65°	500	DC24V	06
WW-3725-100	OSRAM 24*1W LED	10°65°	1000	DC24V	06
WW-3725-100	OSRAM 36*1W LED	10°65°	1000	DC24V	06

Installation Method

① Install mounting bracket

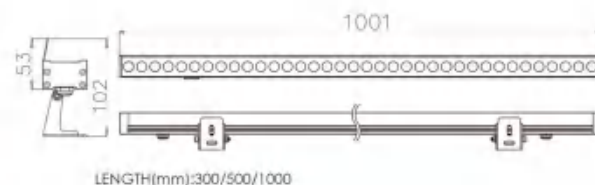
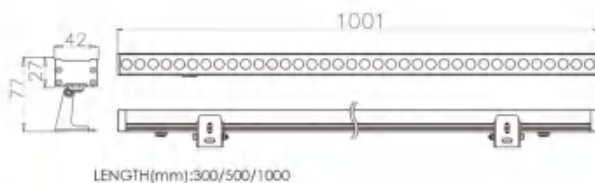


② Adjust angle



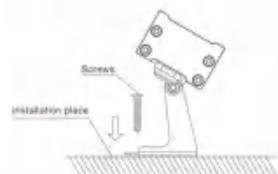
▶ High Quality LED wall washer light

Construction waterproof technology

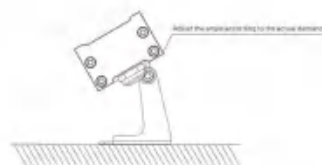


Installation Method

① Install mounting bracket



② Adjust angle



Item No.	Light source	Lens beam angle (°)	Length (mm)	Input Voltage (V)	Kit code
WW-422718(H)	OSRAM 18x1W LED	25°/45°/10°65°	1000	DC24V AC100-240V	06
WW-422724(H)	OSRAM 24x1W LED	25°/45°/10°65°	1000	DC24V AC100-240V	06
WW-422736(H)	OSRAM 36x1W LED	25°/45°/10°65°	1000	DC24V AC100-240V	06



Material specifications

Material:	High quality aluminum material, power spraying on the surface.
Glass:	Optical grade tempered glass, with high transmittance, high temperature resistant
Lens:	Optical lens, efficiency 285%
Cable gland:	Copper and nickel coated
Optional:	Light source, Anti-glare baffle
LED:	OSRAM LED (Single color/RGB/RGBW)
Operating temperature:	-30°C~+55°C
Power cable:	Rubber cable
Control method:	ON/OFF, DALI, 0-10V, DMX512

High voltage model



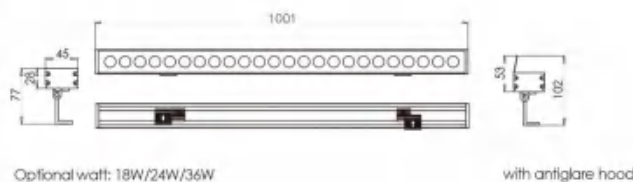
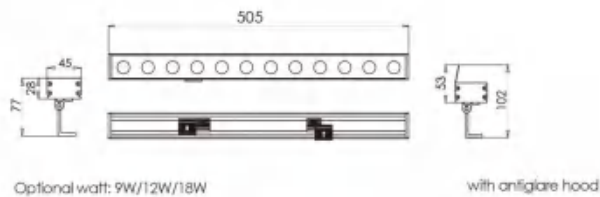
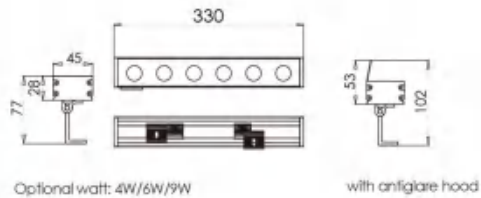
Connection

Twin H05RN-F type power cable, with male-female quick connector on both end



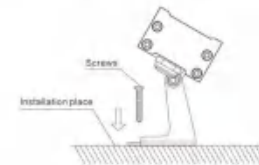
▶ High Power LED wall washer light

with male-female quick connector on both end

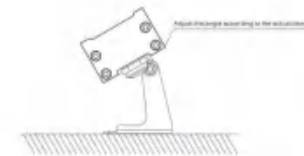


Installation Method

① Install mounting bracket



② Adjust angle



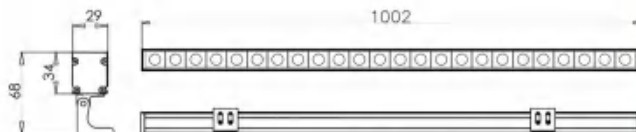
Material specifications

Material:	High quality aluminum material, power spraying on the surface.
Glass:	Optical grade tempered glass, with high transmittance, high temperature resistant
Lens:	Optical lens, efficiency ≥ 85%
Cable gland:	Copper and nickel coated
Optional:	Light source, Anti-glare baffle
LED:	OSRAM LED (Single color/RGB/RGBW)
Operating temperature:	-30°C ~ +55°C
Power cable:	Rubber cable
Control method:	ON/OFF, DALI, 0-10V, DMX512

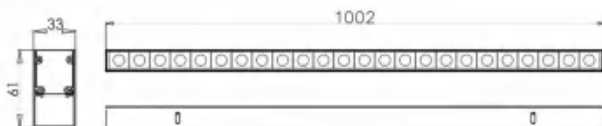
Item No.	Light source	Lens beam angle (°)	Length (mm)	Input Voltage (V)	ℓ rate
WW-4528-30	OSRAM 9W LED	10°65°	300	DC24V	06
WW-4528-50	OSRAM 18W LED	10°65°	500	DC24V	06
WW-4828-100	OSRAM 36W LED	10°65°	1000	DC24V	06

► High Quality wall washer light

Deep anti-glare design



LENGTH(mm):300/500/1000



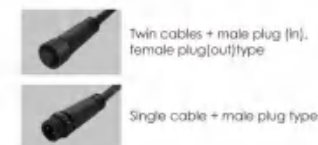
LENGTH(mm):300/500/1000



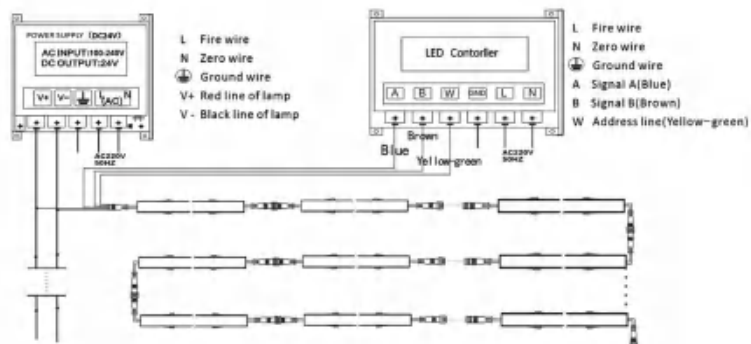
Material specifications

- Material:** High quality aluminum material, power spraying on the surface.
- Glass:** Optical grade tempered glass, with high transmittance, high temperature resistance
- Lens:** Optical lens, efficiency 285%
- Cable gland:** Copper and nickel coated
- Optional:** Light source
- LED:** OSRAM LED (Single color/RGB/RGBW)
- Operating temperature:** -30°C~+55°C
- Power cable:** Rubber cable
- Control method:** ON/OFF, DALI, 0-10V, DMX512

Twin H05RN-F type power cable, with male-female quick connector on both end



DMX512 Wiring diagram



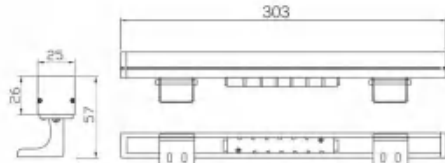
Item No.	Light source	Lens beam angle (°)	Length (mm)	Input Voltage (V)	Ik rate
WW-2934-30	OSRAM 6*1W LED	10°65°	300	DC24V	05
WW-2934-50	OSRAM 12*1W LED	10°65°	500	DC24V	05
WW-2934-100	OSRAM 24*1W LED	10°65°	1000	DC24V	05
UG3361	OSRAM 36*1W LED	10°65°	1000	DC24V	05

▶ High Quality wall washer light

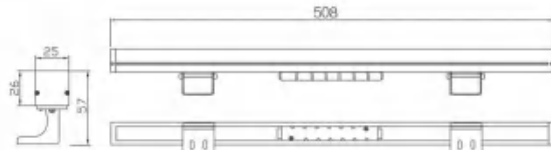
Use 2835 highlight LED with 120° professional LED lens Bright soft lighting



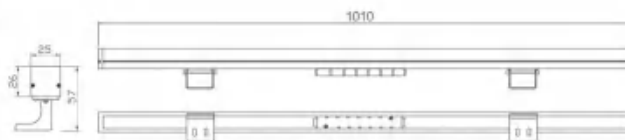
WW-2526-30



WW-2526-50

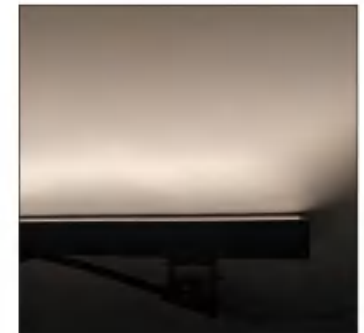


WW-2526-100

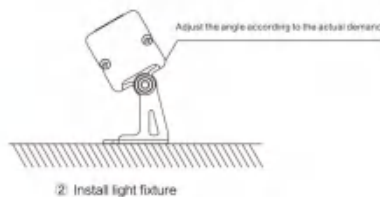
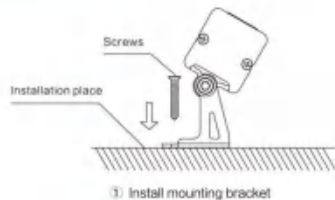


Material specifications

Material:	High quality aluminum material, power spraying on the surface.
Glass:	Optical grade tempered glass, with high transmittance, high temperature resistance
Lens:	Optical lens, efficiency ≥ 85%
Material of fixture:	Aluminum
Optional:	Light source, Anti-glare baffle
LED:	OSRAM LED (Single color/RGB/RGBW)
Operating temperature:	-30°C ~ +55°C
Power cable:	Rubber cable
Control method:	ON/OFF, DALI, 0-10V, DMX512

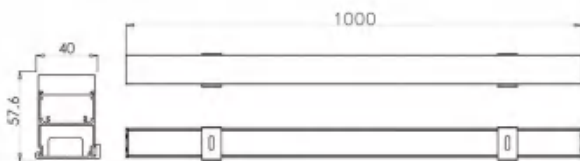


Installation Method



Item No.	Light source	Lens beam angle (°)	Length (mm)	Input Voltage (V)	Eff. rate
WW-2526-30	OSRAM 6W LED	10x65° lens	300	DC24V	05
WW-2526-50	OSRAM 12W LED	10x65° lens	500	DC24V	05
WW-2526-100	OSRAM 24W LED	10x65° lens	1000	DC24V	05

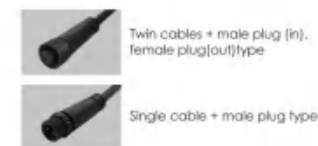
► Acrylic frosted diffuser linear light



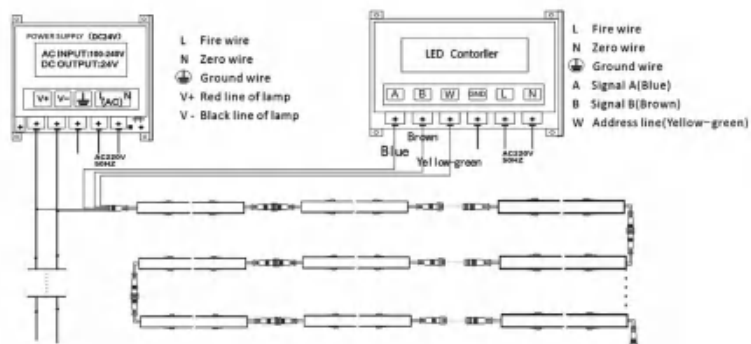
Material specifications

Material of Fixture:	High quality aluminum material, power spraying on the surface.
Cover material:	Acrylic diffuser T=10mm
Lens:	Optical lens, efficiency≥85%
LED:	OSRAM LED (Single color/RGB/RGBW)
Operating temperature:	-30°C~+55°C
Power cable:	Rubber cable
Control method:	ON/OFF, DALI, 0-10V, DMX512

Twin H05RN-F type power cable, with male-female quick connector on both end

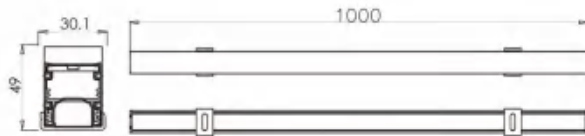
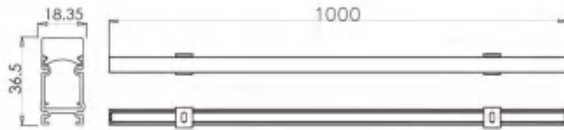


DMX512 Wiring diagram



Item No.	Light source	Lens beam angle (°)	Length (mm)	Input Voltage (V)	Ik rate
LL-2248	OSRAM 12W LED	acrylic frosted diffuser	1000	DC24V	06
LL-4055	OSRAM 15W LED	acrylic frosted diffuser	1000	DC24V	06

► Acrylic frosted diffuser linear light



Material specifications

Material of Fixture:	High quality aluminum material, power spraying on the surface.
Cover material:	Acrylic diffuser T=10mm
Lens:	Optical lens, efficiency 285%
LED:	OSRAM LED (Single color/RGB/RGBW)
Operating temperature:	-30°C ~ +55°C
Power cable:	Rubber cable
Control method:	ON/OFF, DALI, 0-10V, DMX512

Twin H05RN-F type power cable, with male-female quick connector on both end

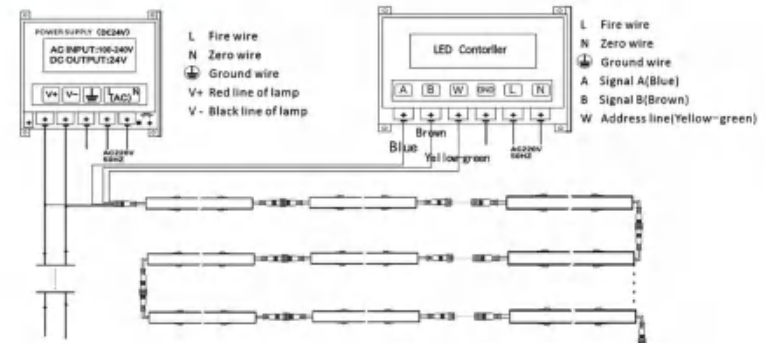


Twin cables + male plug (in), female plug(out) type



Single cable + male plug type

DMX512 Wiring diagram



Item No.	Light source	Lens beam angle (°)	Length (mm)	Input Voltage (V)	ℓ rate
LL-1836	OSRAM 12W LED	acrylic frosted diffuser	1000	DC24V	06
LL-3048	OSRAM 12W LED	acrylic frosted diffuser	1000	DC24V	06