



2018~2019

Exterior LED Lighting



Specialized in Exterior LED Lighting



INGROUND LIGHTS SERIES

Products Features

These products are designed with stainless steel 316 trim, Solid 6063 Aluminum housing CNC machined, with passivated (anodizing) anti-corrosion finishing for housing, optics PMMA lens with wonderful light output, tempered glass for high loading capacity, silicone gasket and cable gland for waterproof IP67 and high quality CREE LED, OSRAM LED, EPISTAR LED.

We make wide range of inground lights to meet different application with different size, power, color, beam angle, and even the inground lights beam direction or beam angle adjustable series are available.

These products are with CE, RoHS certifications, and the SAA, PSE, UL or ETL certifications will be available in the coming future.

Application

These lights are widely used in the exterior or interior application, such as lighting columns, walls, architectural features, landscape features for the hotel, the garden, the park, the square, the stair step, the landscape road etc.

SSS 316

Adjustable

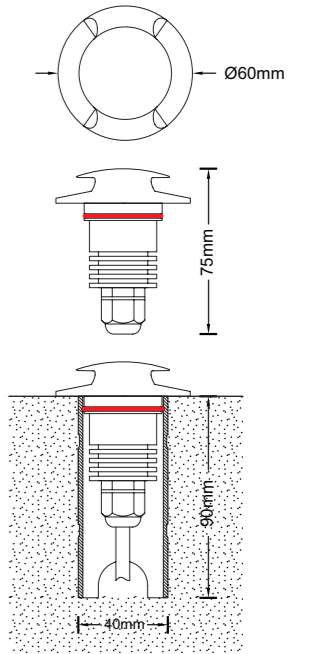
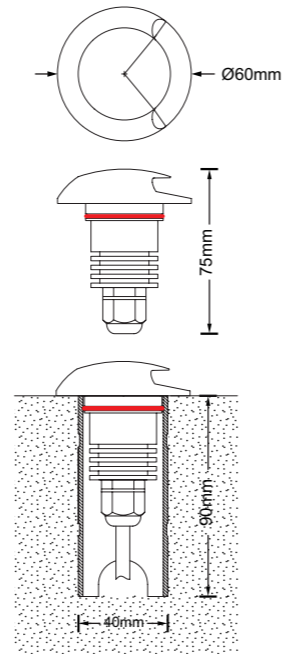
Passivated

3 Years Warranty



**IP67 IK06 IK07 IK08
IK09 IK10**





General Data	
Item No.	LP10061
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	95~100 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	1x100°
Dimension	60x75 (mm) Diameter x Height
Cut out	40 mm
Net weight	0.370 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK10
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=4mm.
Loading capacity	>2000 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined.Dark grey
Packaging	
Inner box size	117*83*65 mm
Carton size	43*25*28 cm (40PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

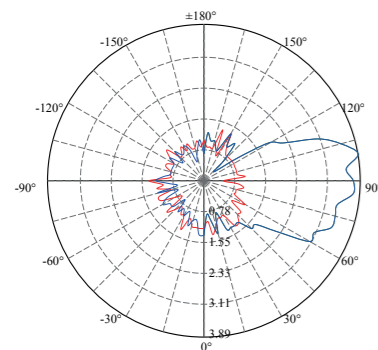
General Data	
Item No.	LP10062
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	95~100 lm
CCT	2700K, 3000K, 4000K, 6000K , R/G/Y/B
CRI	80+
Beam angle	2x100°
Dimension	60x75 (mm) Diameter x Height
Cut out	40 mm
Net weight	0.341 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK10
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=4mm.
Loading capacity	>2000 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined.Dark grey
Packaging	
Inner box size	117*83*65 mm
Carton size	43*25*28 cm (40PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K, 1x100°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	0.30 LUX	9.6m x 1.4m
4m	0.07 LUX	19.3m x 2.8m
6m	0.03 LUX	28.9m x 4.2m
8m	0.02 LUX	38.6m x 5.6m
10m	0.01 LUX	48.2m x 6.9m
12m	0.01 LUX	57.8m x 8.3m

Vert.Spread:135.0 Horiz.Spread:38.3

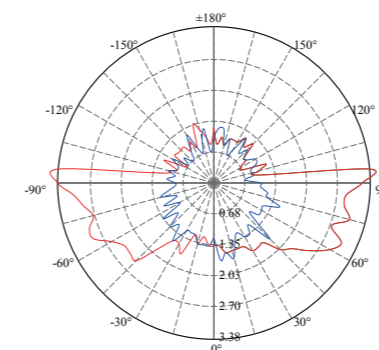
Illumination Picture



CE RoHS IP67 IK10

Photometric Data (3000K, 2x100°) & Illumination Picture

Light Distribution Curve [Unit: cd]

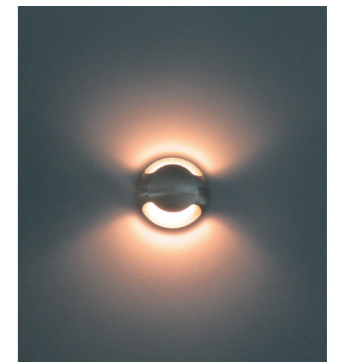


Lux distance Curve

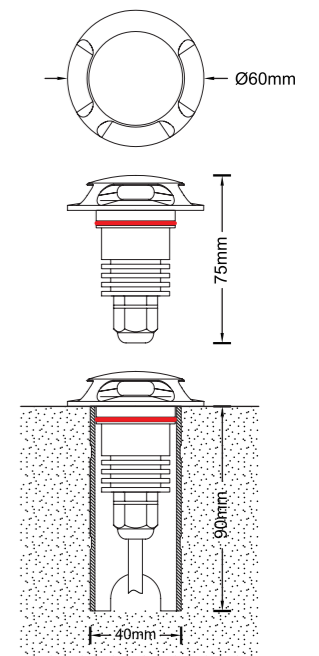
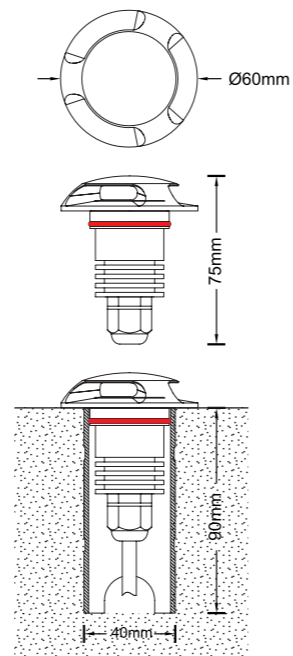
Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	0.34 LUX	2.8m x 0.0m
4m	0.08 LUX	5.6m x 0.0m
6m	0.04 LUX	8.4m x 0.0m
8m	0.02 LUX	11.2m x 0.0m
10m	0.01 LUX	14.0m x 0.0m
12m	0.01 LUX	16.8m x 0.0m

Vert.Spread:70.0 Horiz.Spread:0.0

Illumination Picture



CE RoHS IP67 IK10



General Data	
Item No.	.1006-3
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	95~100 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	3x100°
Dimension	60x75 (mm) Diameter x Height
Cut out	40 mm
Net weight	0.327 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK10
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=4mm.
Loading capacity	>2000 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal

Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined.Dark grey

Packaging	
Inner box size	117*83*65 mm
Carton size	43*25*28 cm (40PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

General Data	
Item No.	1006-3B
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	95~100 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	3x80°
Dimension	60x75 (mm) Diameter x Height
Cut out	40 mm
Net weight	0.352 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK10
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=4mm.
Loading capacity	>2000 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal

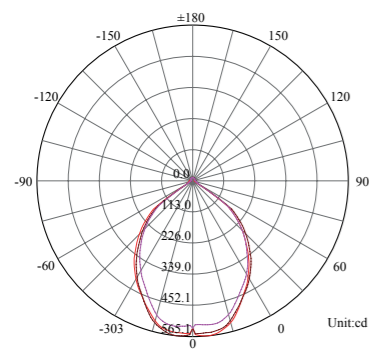
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined.Dark grey

Packaging	
Inner box size	117*83*65 mm
Carton size	43*25*28 cm (40PCS / carton)

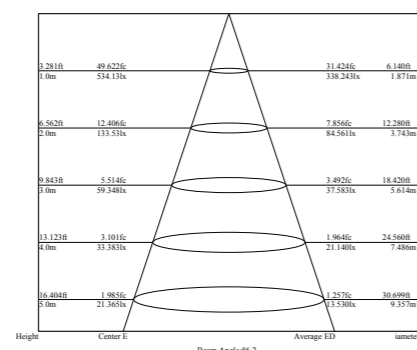
SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K, 3x100°) & Illumination Picture

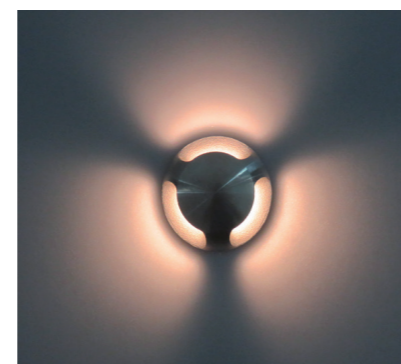
Light Distribution Curve [Unit: cd]



Lux distance Curve



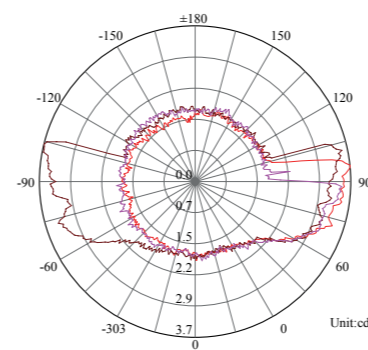
Illumination Picture



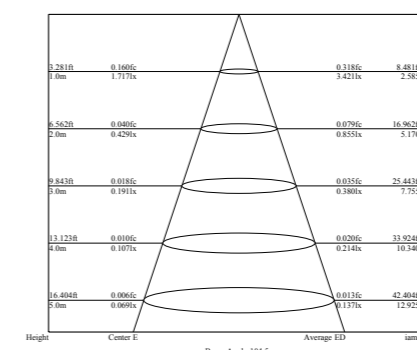
CE RoHS COMPLIANT IP67 IK10

Photometric Data (3000K, 3x80°) & Illumination Picture

Light Distribution Curve [Unit: cd]



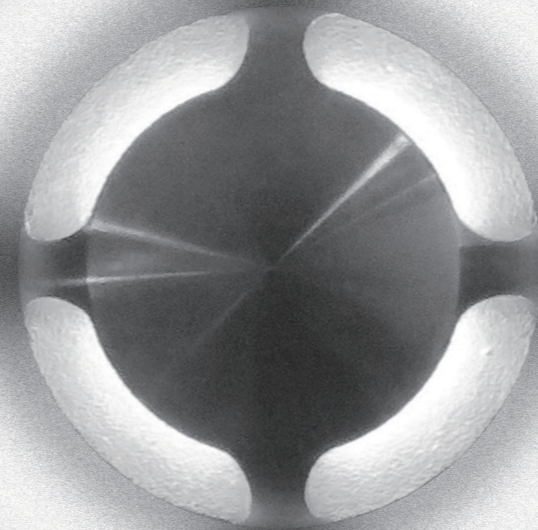
Lux distance Curve

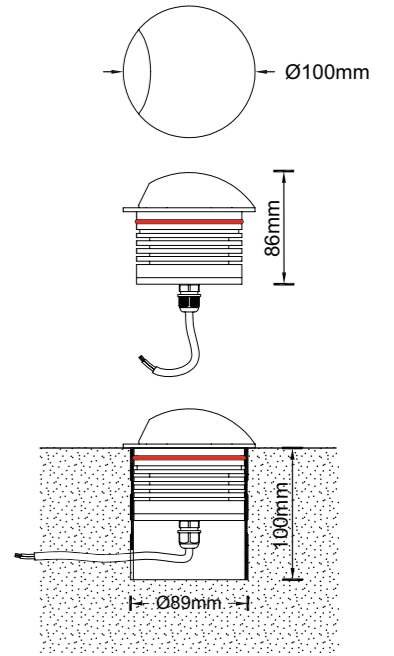
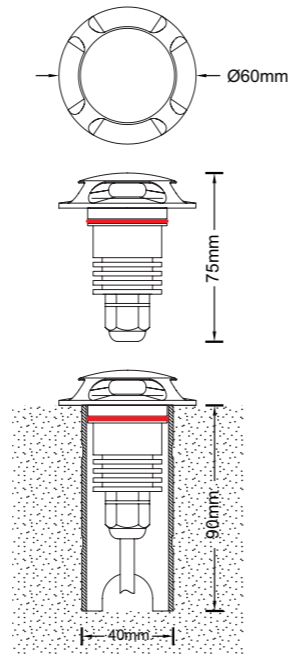


Illumination Picture



CE RoHS COMPLIANT IP67 IK10





General Data	
Item No.	1006-4
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	95~100 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	4x80°
Dimension	60x75 (mm) Diameter x Height
Cut out	40 mm
Net weight	0.322 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK10
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=4mm.
Loading capacity	>2000 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined.Dark grey
Packaging	
Inner box size	117*83*65 mm
Carton size	43*25*28 cm (40PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

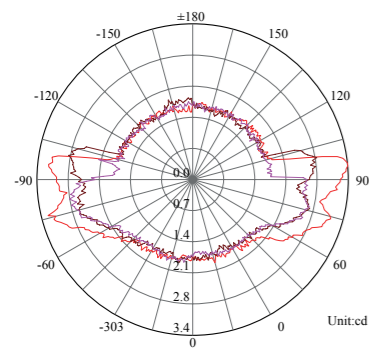
General Data	
Item No.	D001
Power	8 Watts
LED type	4 PCS 2W CREE XPE LED
Luminous flux	140~150 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	1x80°
Dimension	100x86 (mm) Diameter x Height
Cut out	89 mm
Net weight	1.522 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC 24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK10
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Without glass, but with lens and PMMA diffuser cover
Loading capacity	>2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined.Dark grey
Packaging	
Inner box size	105*105*150 mm
Carton size	38*26*19 cm (20PCS / carton)

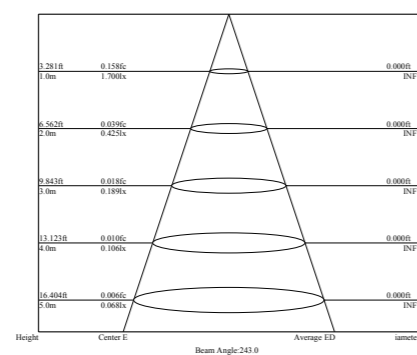
SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K, 4x80°) & Illumination Picture

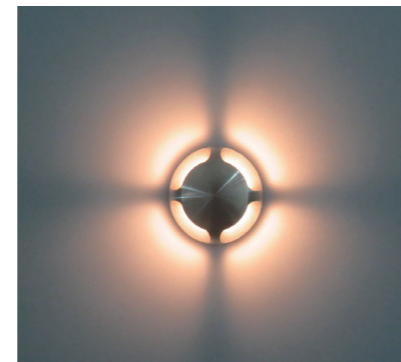
Light Distribution Curve [Unit: cd]



Lux distance Curve

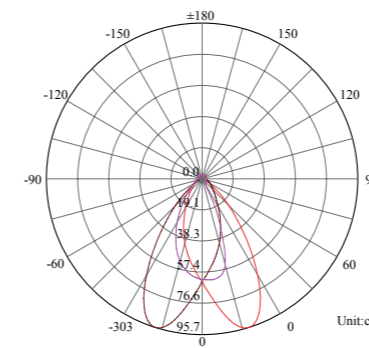


Illumination Picture

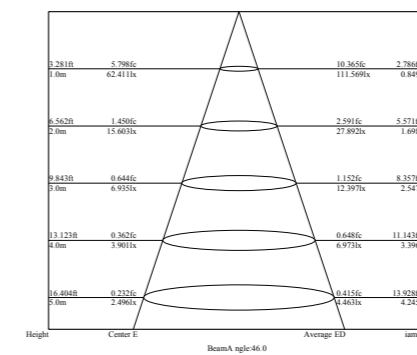


Photometric Data (3000K, 1x80°) & Illumination Picture

Light Distribution Curve [Unit: cd]

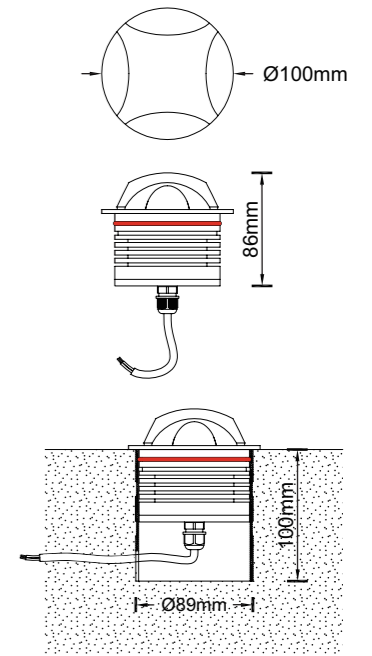
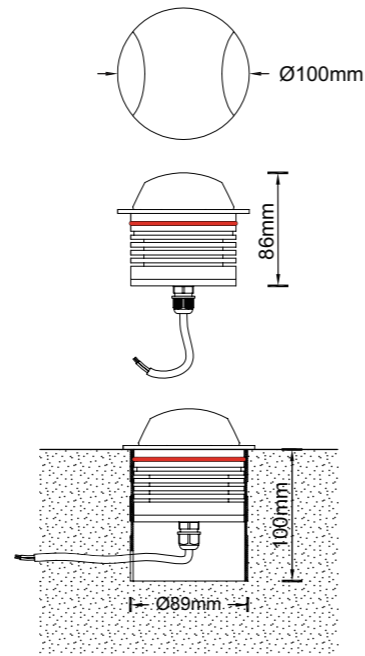


Lux distance Curve



Illumination Picture





General Data	
Item No.	D002
Power	8 Watts
LED type	4 PCS 2W CREE XPE LED
Luminous flux	160~170 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	2x80°
Dimension	100x86 (mm) Diameter x Height
Cut out	89 mm
Net weight	1.397 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK10
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Without glass, but with lens and PMMA diffuser cover
Loading capacity	>2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined. Dark grey
Packaging	
Inner box size	105*105*150 mm
Carton size	38*26*19 cm (20PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

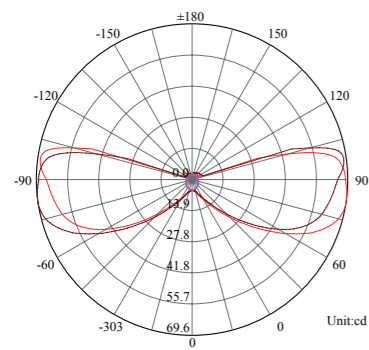
General Data	
Item No.	D004
Power	8 Watts
LED type	4 PCS 2W CREE XPE LED
Luminous flux	230~240 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	4x80°
Dimension	100x86 (mm) Diameter x Height
Cut out	89 mm
Net weight	1.200kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK10
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Without glass, but with lens and PMMA diffuser cover
Loading capacity	>2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined. Dark grey
Packaging	
Inner box size	105*105*150 mm
Carton size	38*26*19 cm (20PCS / carton)

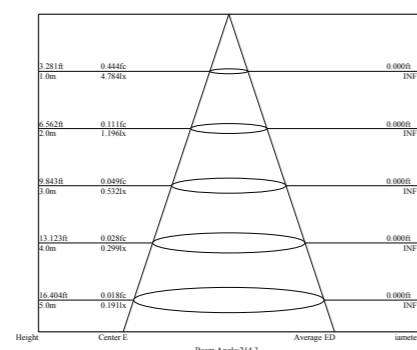
SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K, 2x80°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

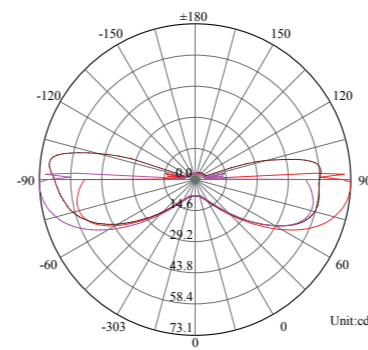


Illumination Picture

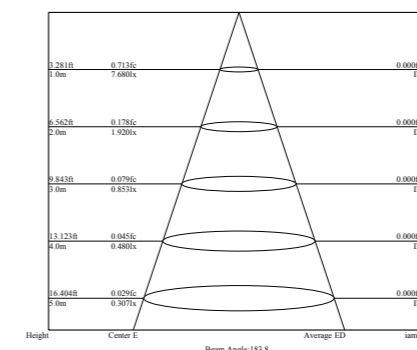


Photometric Data (3000K, 4x80°) & Illumination Picture

Light Distribution Curve [Unit: cd]

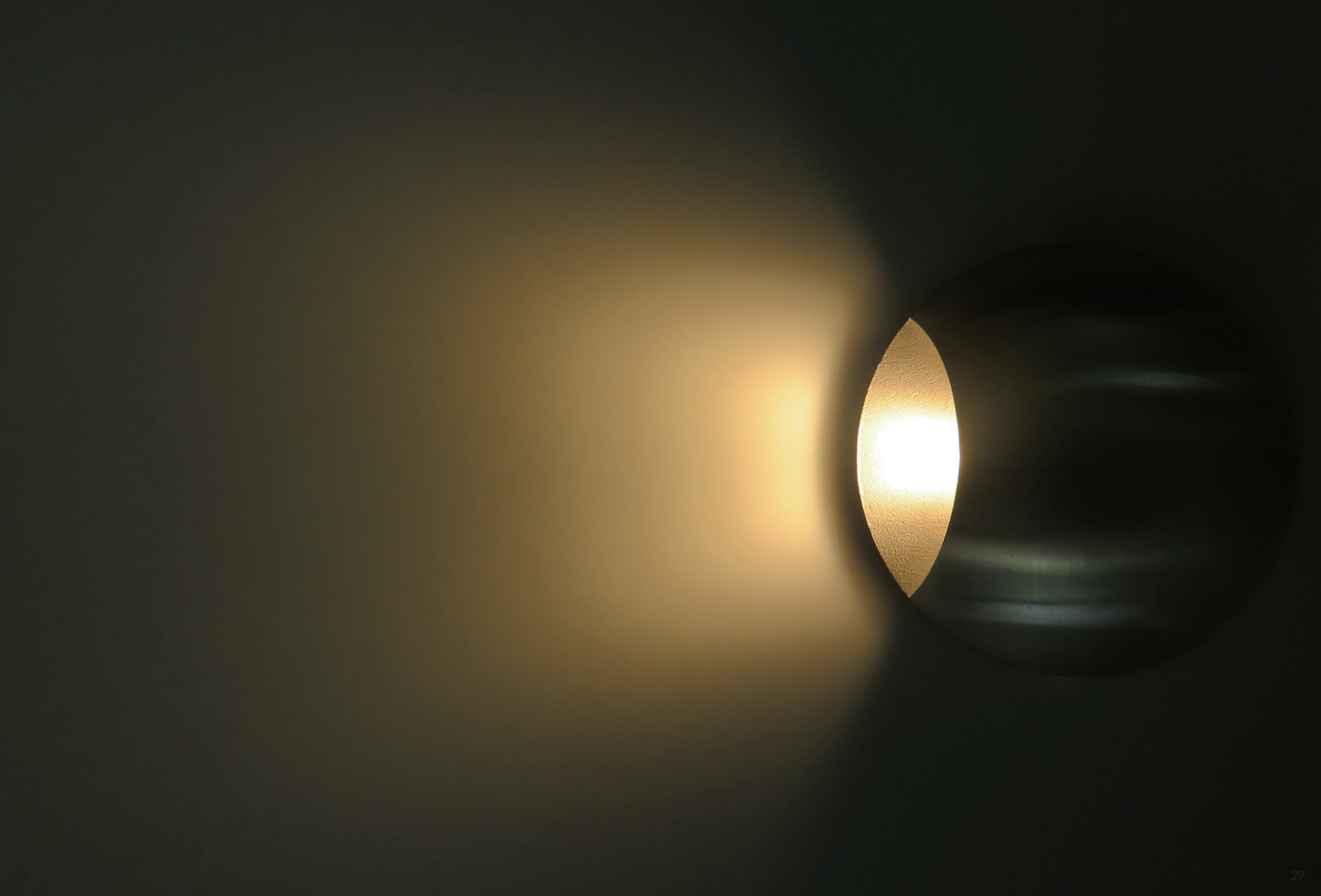


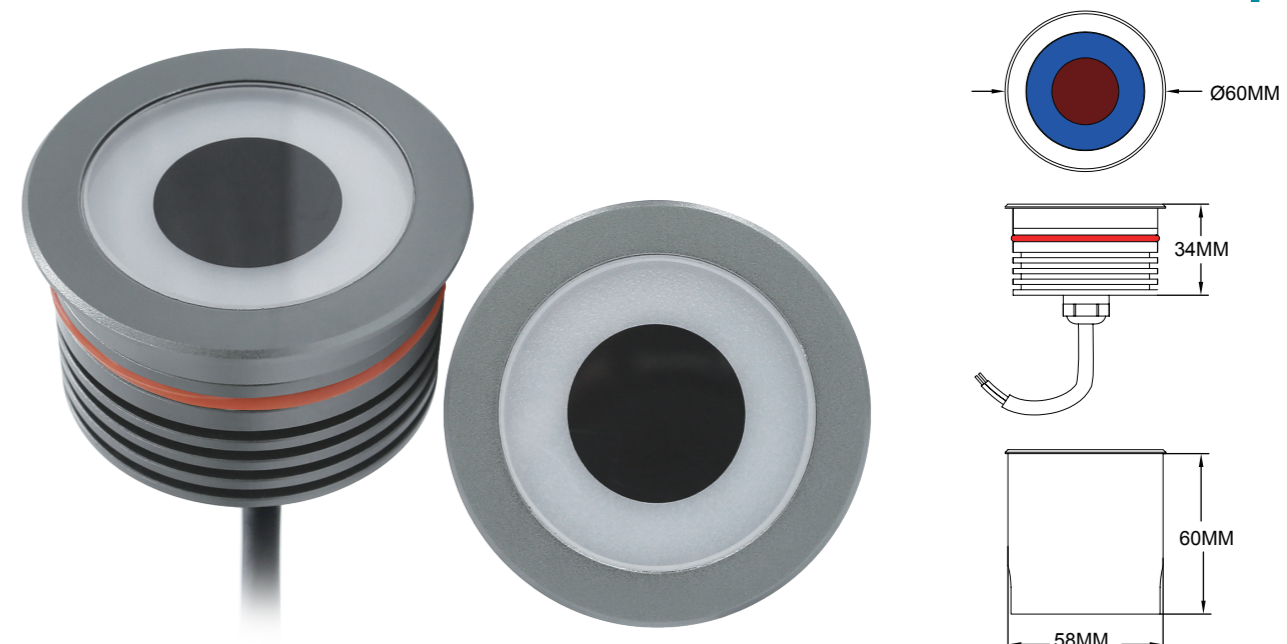
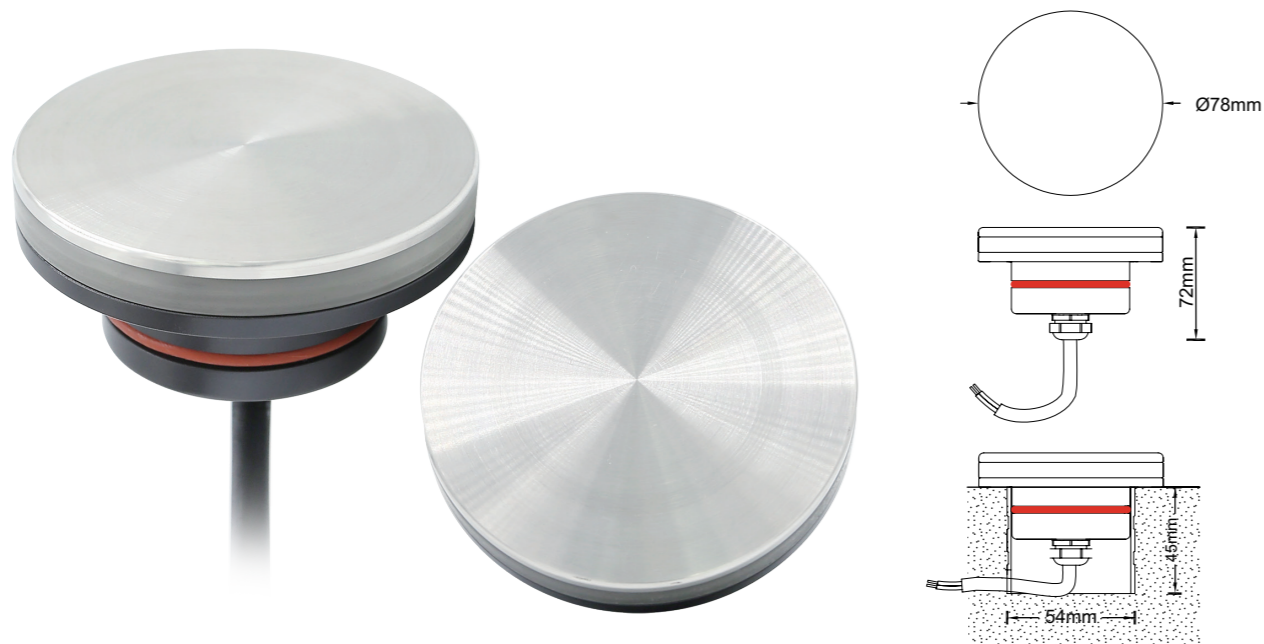
Lux distance Curve



Illumination Picture







General Data	
Item No.	LPE001
Power	4 Watts
LED type	18 PCS 2835 SMD LED
Luminous flux	140~150 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	360°
Dimension	78x72 (mm) Diameter x Height
Cut out	54 mm
Net weight	0.42 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK10
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Without glass, but with PMMA diffuser
Loading capacity	>2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined. Dark grey
Packaging	
Inner box size	85*85*85 mm
Carton size	45*19*19.5 cm (20PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

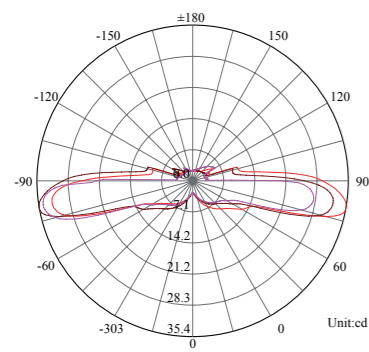
General Data	
Item No.	E003
Power	3 Watts
LED type	21 PCS 2835 SMD LED
Luminous flux	15~30 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	120°
Dimension	60x34 (mm) Diameter x Height
Cut out	58 mm
Net weight	0.24 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V /DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Solid Passivated (Anodizing) Aluminum CNC machined . Black
Glass	Step tempered Glass.T=5.5mm.
Loading capacity	320 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion PVC. Grey
Packaging	
Inner box size	85*85*85 mm
Carton size	45*19*19.5 cm (20PCS / carton)

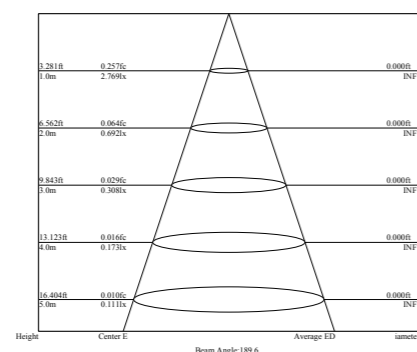
Passivated **3 Years Warranty**

Photometric Data (3000K, 360°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve



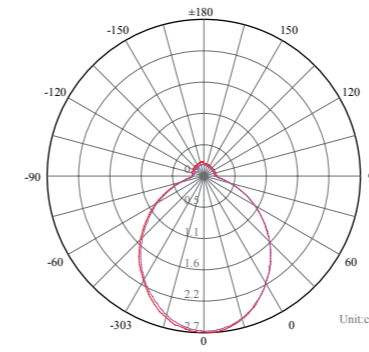
Illumination Picture



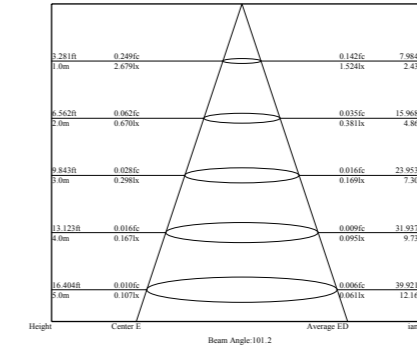
CE RoHS COMPLIANT IP67 IK10

Photometric Data (Blue, 120°) & Illumination Picture

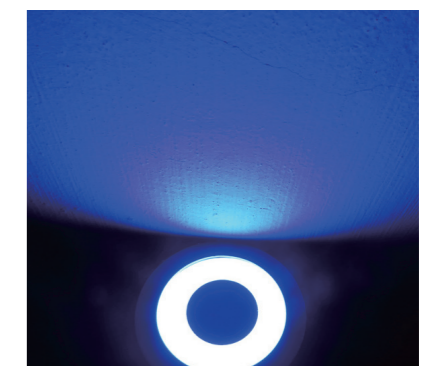
Light Distribution Curve [Unit: cd]



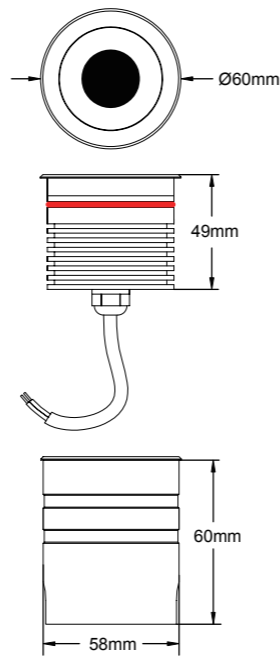
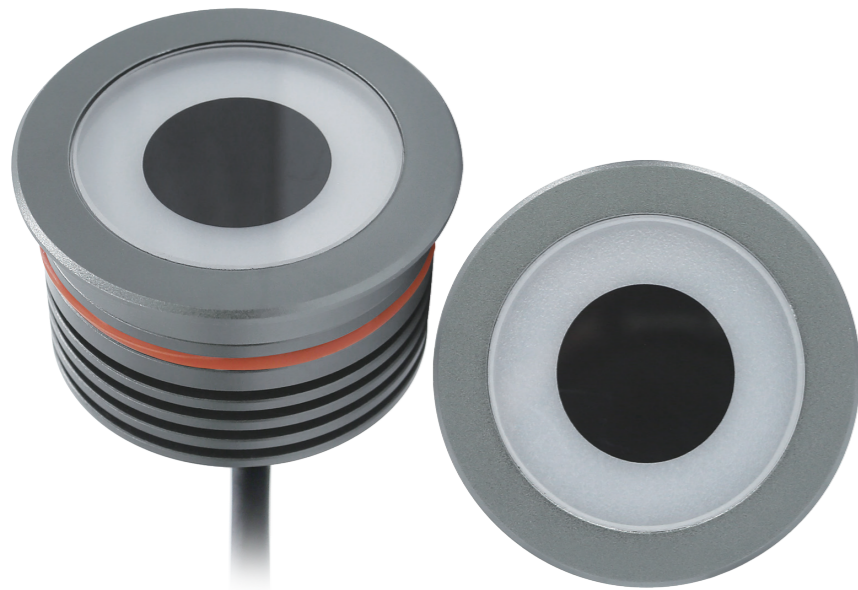
Lux distance Curve



Illumination Picture



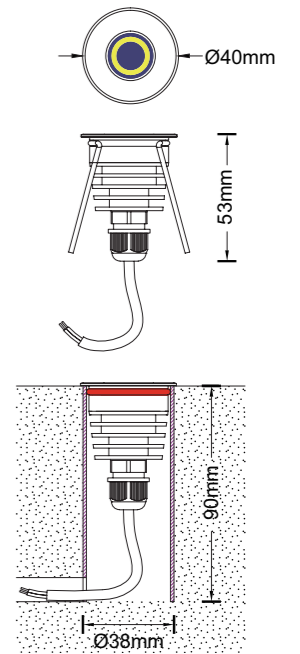
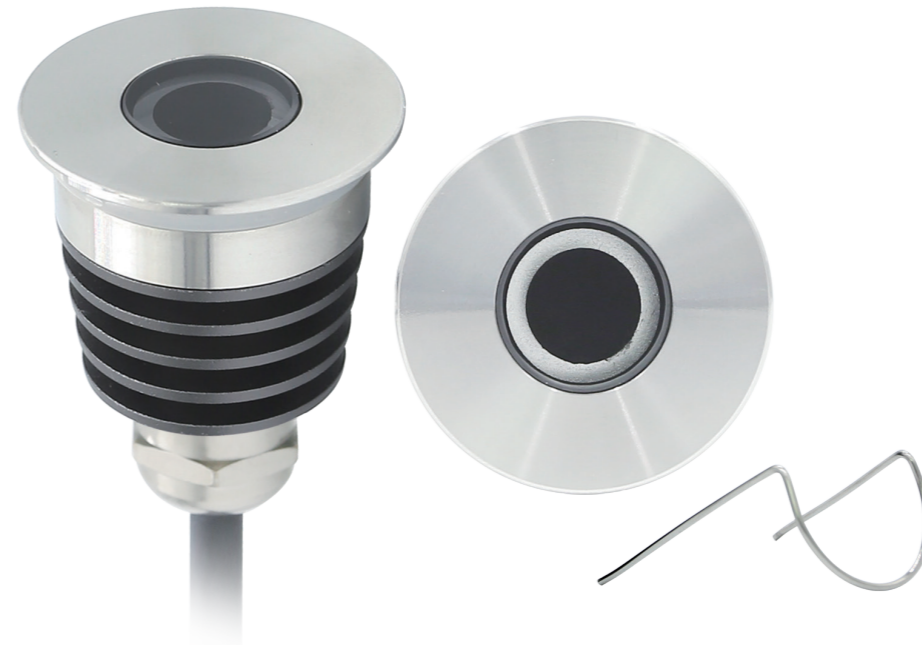
CE RoHS COMPLIANT IP67 IK06



General Data	
Item No.	LPE003RGB
Power	3 Watts
LED type	6PCS 5050 3in1 RGB SMD LED
Luminous flux	90 lm (All LEDs on)
CCT	RGB
CRI	70+
Beam angle	120°
Dimension	60x49 (mm) Diameter x Height
Cut out	58 mm
Net weight	0.39 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V /DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing. Dark grey
Trim	Solid Passivated (Anodizing) Aluminum CNC machined
Glass	Step tempered Glass.T=5.5mm.
Loading capacity	320 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion PVC. Grey
Packaging	
Inner box size	100*70*80 mm
Carton size	37.5*22.5*26.5 cm (30PCS / carton)

Passivated **3 Years Warranty**



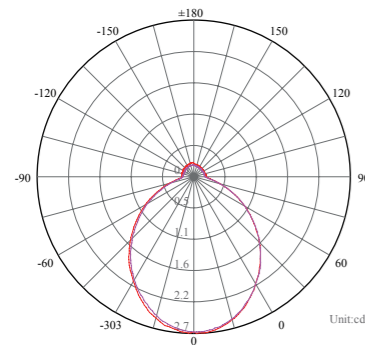
General Data	
Item No.	1002
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	95~100 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	120°
Dimension	40x53 (mm) Diameter x Height
Cut out	38 mm
Net weight	0.209 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing. Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=4mm.
Loading capacity	320kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined.Dark grey
Clip	With Aluminium spring that's for deck lights or ceiling lights application
Packaging	
Inner box size	110*85*60 mm
Carton size	44*24*32 cm (50PCS / carton)

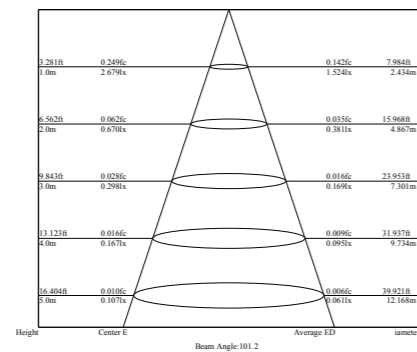
SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K, 360°) & Illumination Picture

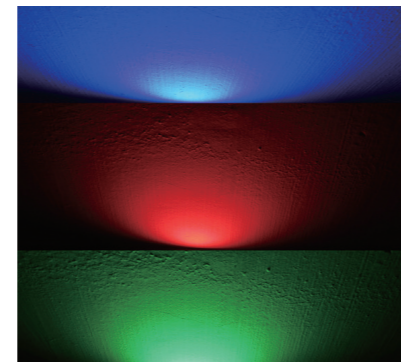
Light Distribution Curve [Unit: cd]



Lux distance Curve



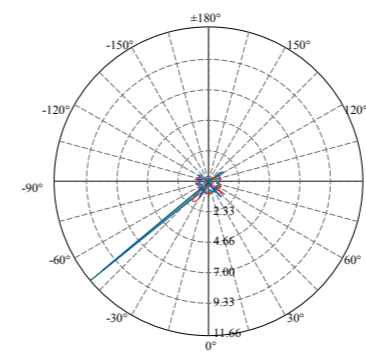
Illumination Picture



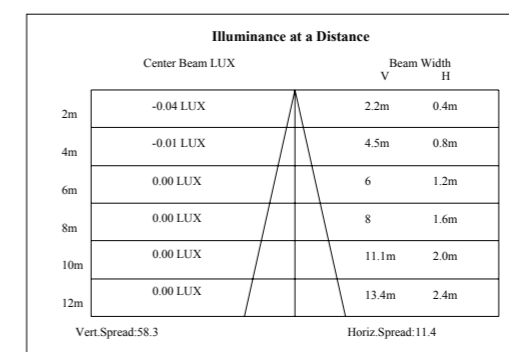
CE RoHS COMPLIANT IP67 IK06

Photometric Data (3000K, 120°) & Illumination Picture

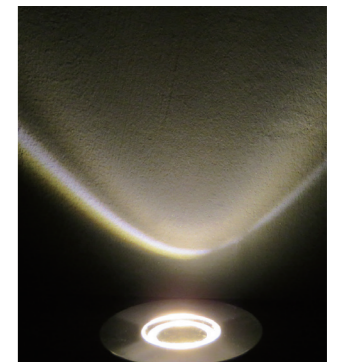
Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture



CE RoHS COMPLIANT IP67 IK06

Stainless Steel 316 Covers Parts for UL-1014

UL-1014-BR50



UL-1014-BR60 STEPPED



UL-1014-BR60 CONE



General Data			
Item No.	1014-BR50	1014-BR60 STEPPED	1014-BR60 CONE
Material	Flat stainless steel 316	Step stainless steel 316	Cone stainless steel 316
Dimension	50x7.4 (mm) Diameter x Height	60x12.26 (mm) Diameter x Height	60x9.15 (mm) Diameter x Height
Net weight	95 g	99 g	52 g
Packing			
Inner box size	55*55*12 mm	65*65*17 mm	65*65*17 mm
Carton size	30*30*12 cm (200PCS / carton)	28.5*28.5*16 cm (90PCS / carton)	28.5*28.5*16 cm (90PCS / carton)

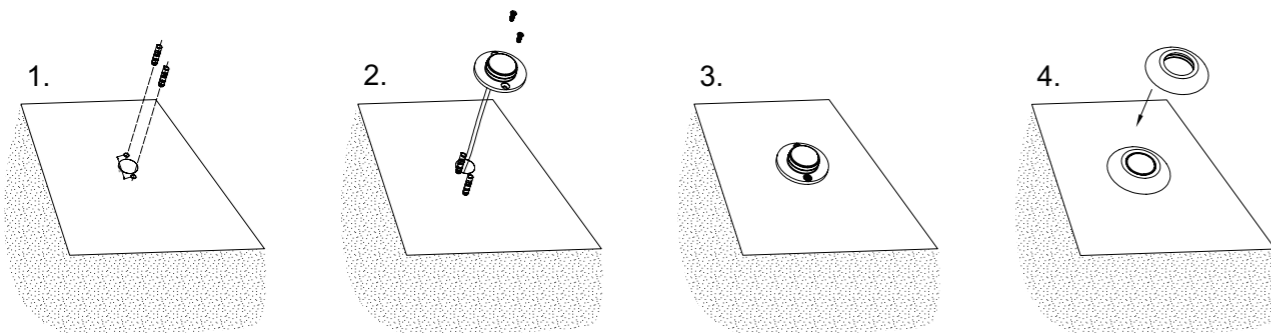


General Data	
Item No.	LP1014
Power	1.2 Watts
LED type	1PC 1W OSRAM LED
Luminous flux	80~85 lm
CCT	2700K, 3000K, 4000K, 6000K, R,G,B
CRI	80+
Beam angle	120°
Dimension	40x10.2 (mm) Diameter x Height
Cut out	/
Net weight	0.073kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V /DC24V
Insulation class	Class III
Cable	1PC rubber cable 0.5M H03VV-F 2x0.5mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Six kinds of covers as options (in the next two pages)
Glass	Without glass, but with PMMA diffuser
Loading capacity	320 kgs
Cable Gland	PG5 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Without sleeve, but with screws for easy surface mounting.
Packaging	
Inner box size	95*60*55 mm
Carton size	40.5*32*30 cm (100PCS / carton)

Passivated **3 Years Warranty**
Compatible with six kinds of covers!

Installation drawing for the lamp body item UL-1014 and the six kinds cover in the next two pictures.



Passivated (Anodizing) Aluminium Covers Parts for



General Data			
Item No.	1014-BR51	1014-BR60 EYELID	1014-BR60 DOME
Material	Flush anodized aluminium 6063	Eyelid anodized aluminium 6063	Dome anodized aluminium 6063
Dimension	50x6.35 (mm) Diameter x Height	50x14.2 (mm) Diameter x Height	48.7x8.6 (mm) Diameter x Height
Net weight	16 g	15 g	23 g
Packing			
Inner box size	65*65*17 mm	55*55*12 mm	55*55*12 mm
Carton size	28.5*28.5*16 cm (90PCS / carton)	30*30*12 cm (200PCS / carton)	30*30*12 cm (200PCS / carton)

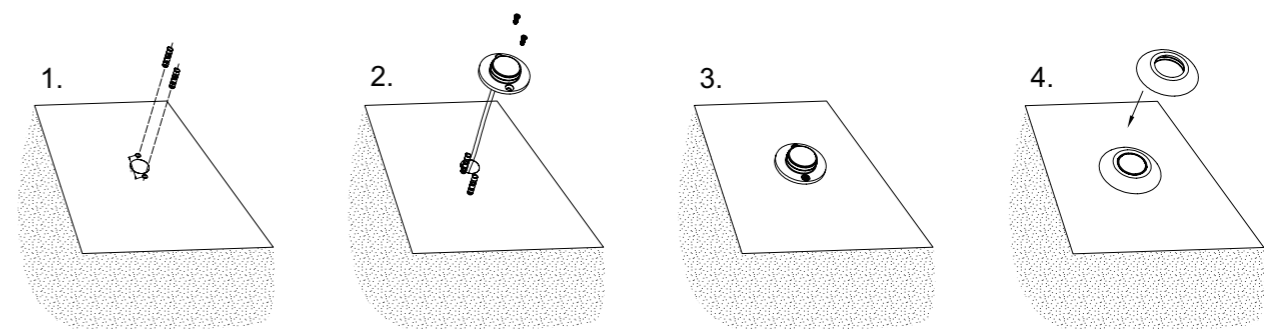


General Data	
Item No.	1014RGB
Power	1.2 Watts
LED type	1 PC 3in1 RGB Epistar LED
Luminous flux	60 lm (all LEDs on)
CCT	RGB
CRI	70+
Beam angle	120°
Dimension	40x10.2 (mm) Diameter x Height
Cut out	/
Net weight	0.12 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	Red In: DC2.2V/150mA, Green In: DC2.8V/150mA, Blue In : DC3.3V/150mA
Insulation class	Class III
Cable	1PC rubber cable 0.5M H03VV-F PVC 6x0.3mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Six kinds of covers as options (in the before two pages)
Glass	/
Loading capacity	320 kgs
Cable Gland	PG5 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Without sleeve, but with screws for easy surface mounting.
Packaging	
Inner box size	38*38*20 mm
Carton size	25*25*18.5 cm (100PCS / carton)

Passivated **3 Years Warranty**
Compatible with six kinds of covers!

Installation Drawing (It's compatible with the six kinds of cover in the before two pages!)



CE RoHS COMPLIANT IP67 IK06

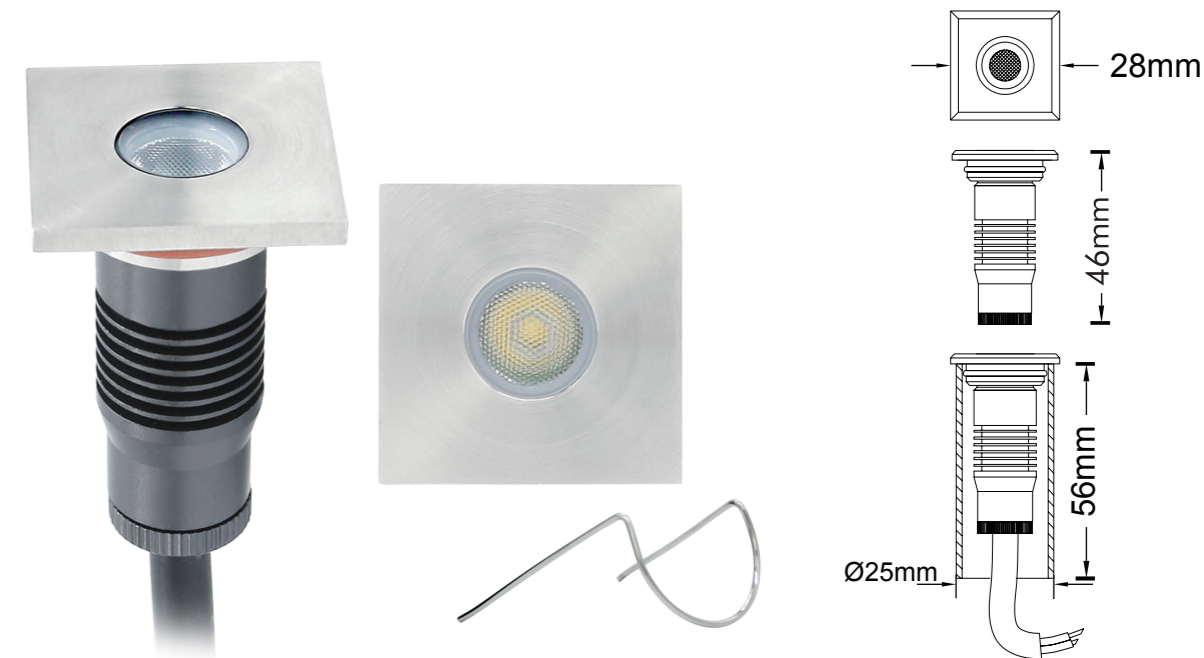




General Data	
Item No.	1X1
Power	1.4 Watts
LED type	1 PC CREE XPE LED
Luminous flux	75-80 lm
CCT	2700, 3000K,4000k,6000k,R/G/Y/B
CRI	80+
Beam angle	15°, 25°, 30°, 45°, 60°, 120°
Dimension	Ø28x44 (mm) Diameter x HHeight
Cut out	25 mm
Net weight	0.072 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 0.6M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=4mm.
Loading capacity	320 kgs
Cable Gland	IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion grey PVC
Clip	With Aluminium spring that's for deck lights or ceiling lights application
Packaging	
Inner box size	70*55*55 mm
Carton size	46*37*24 cm (160PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**



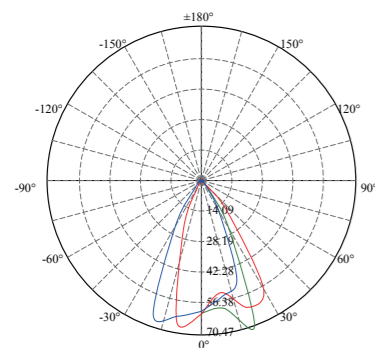
General Data	
Item No.	1X1-S
Power	1.4 Watts
LED type	1 PC CREE XPE LED
Luminous flux	75-80 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	15°, 25°, 30°, 45°, 60°, 120°
Dimension	28x28x44 (mm) Length x Width x Height
Cut out	25 mm
Net weight	0.08 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 0.6M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=4mm.
Loading capacity	320 kgs
Cable Gland	IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion grey PVC
Clip	With Aluminium spring that's for deck lights or ceiling lights application
Packaging	
Inner box size	70*55*55 mm
Carton size	46*37*24 cm (160PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K, 1x30°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	15.29 LUX	1.6m x 1.7m
4m	3.82 LUX	3.2m x 3.5m
6m	1.70 LUX	4.8m x 5.2m
8m	0.96 LUX	6.4m x 7.0m
10m	0.61 LUX	8.1m x 8.7m
12m	0.42 LUX	9.7m x 10.5m

Vert.Spread:43.9 Horiz.Spread:47.2

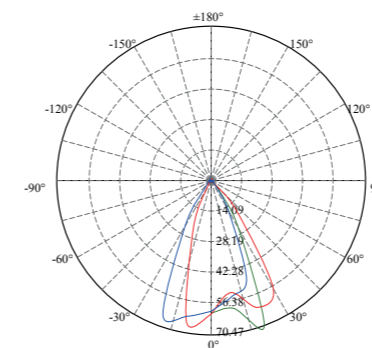
Illumination Picture



CE RoHS COMPLIANT IP67 IK06

Photometric Data (3000K, 1x30°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	15.29 LUX	1.6m x 1.7m
4m	3.82 LUX	3.2m x 3.5m
6m	1.70 LUX	4.8m x 5.2m
8m	0.96 LUX	6.4m x 7.0m
10m	0.61 LUX	8.1m x 8.7m
12m	0.42 LUX	9.7m x 10.5m

Vert.Spread:43.9 Horiz.Spread:47.2

Illumination Picture



CE RoHS COMPLIANT IP67 IK06



General Data	
Item No.	1001
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	110-130 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	15°, 25°, 38°, 45°, 60°, 120°
Dimension	Ø40x53 (mm) Diameter x length
Cut out	38 mm
Net weight	0.21 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316 as standard, Polished chrome Aluminium as options
Glass	Step tempered Glass. T=4mm.
Loading capacity	320 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined .Dark grey
Clip	With Aluminium spring that's for deck lights or ceiling lights application
Packaging	
Inner box size	110*85*60 mm
Carton size	44*24*32 cm (50PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**



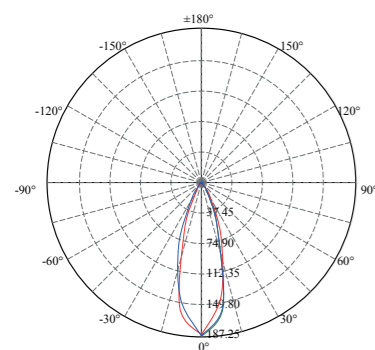
General Data	
Item No.	1001-S
Power	3 Watts
LED type	1 pcs 3W CREE XPE LED
Luminous flux	110~130 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	15°, 25°, 38°, 45°, 60°, 120°
Dimension	Ø40x53 (mm) Diameter x length
Cut out	38 mm
Net weight	0.22 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass. T=4mm.
Loading capacity	320 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined .Dark grey
Clip	With Aluminium spring that's for deck lights or ceiling lights application
Packaging	
Inner box size	110*85*60 mm
Carton size	44*24*32 cm (50PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K, 1x45°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
46.14 LUX	1.2m	1.2m
11.53 LUX	2.4m	2.5m
5.13 LUX	3.6m	3.7m
2.88 LUX	4.8m	4.9m
1.85 LUX	6.0m	6.1m
1.28 LUX	7.2m	7.4m

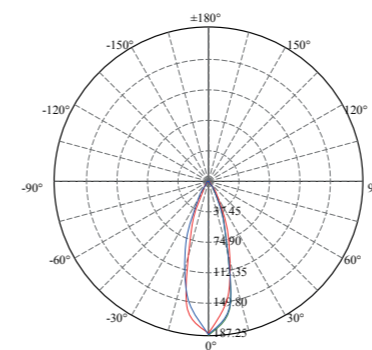
Vert. Spread: 33.3 Horiz. Spread: 34.1

Illumination Picture



Photometric Data (3000K, 1x45°) & Illumination Picture

Light Distribution Curve [Unit: cd]

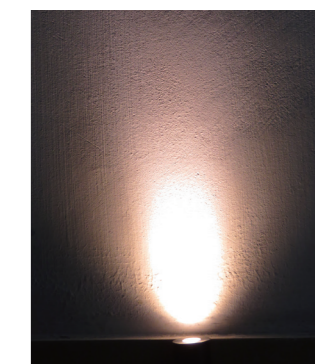


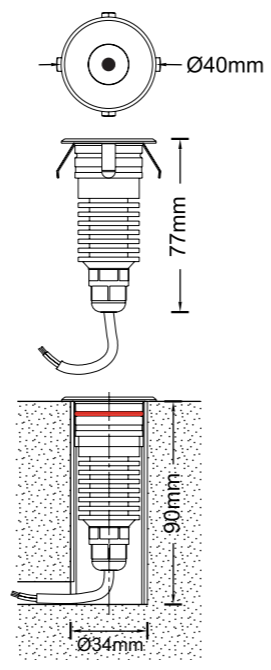
Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
46.14 LUX	1.2m	1.2m
11.53 LUX	2.4m	2.5m
5.13 LUX	3.6m	3.7m
2.88 LUX	4.8m	4.9m
1.85 LUX	6.0m	6.1m
1.28 LUX	7.2m	7.4m

Vert. Spread: 33.3 Horiz. Spread: 34.1

Illumination Picture

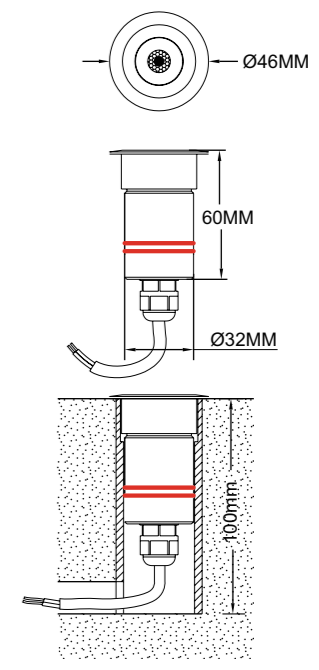
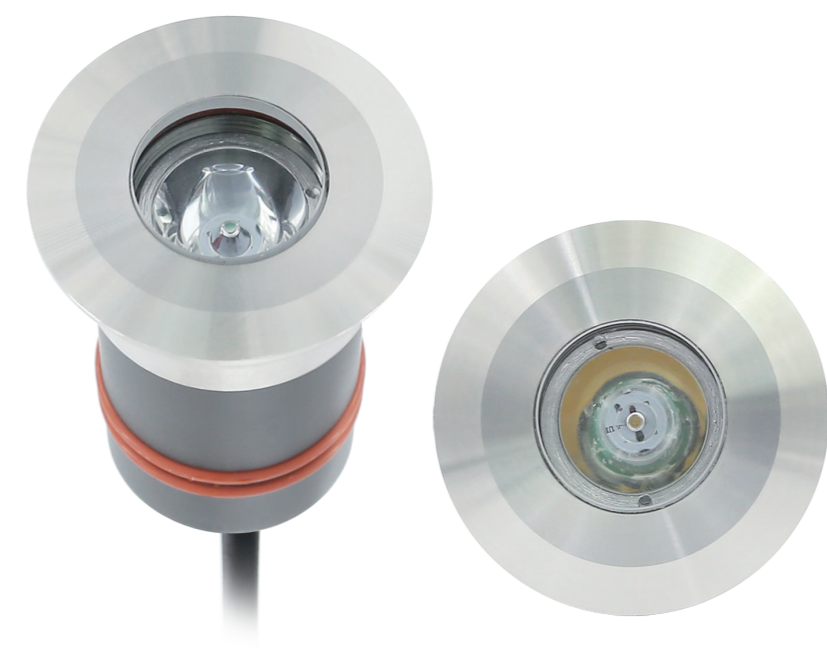




General Data	
Item No.	1003
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	110-130 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	25°, 40°, 60°
Dimension	Ø40x77 (mm) Diameter x length
Cut out	34 mm
Net weight	0.23 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=4mm.
Loading capacity	320 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Solid Passivated (Anodizing) Aluminum CNC machined .Dark grey
Clip	With Aluminium spring that's for deck lights or ceiling lights application
Packaging	
Inner box size	110*85*60 mm
Carton size	44*24*32 cm (50PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

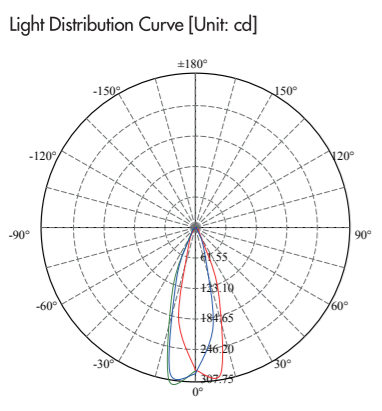


General Data	
Item No.	1015
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	110-130 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	10°, 17°, 26°, 30°, 40°, 60°
Dimension	Ø46x60 (mm) Diameter x length
Cut out	32 mm
Net weight	0.35 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined . (Stainless steel 316 housing as options)
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	320 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Solid Passivated (Anodizing) Aluminum CNC machined .Dark grey
Packaging	
Inner box size	110*85*60 mm
Carton size	45*24*33 cm (50PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

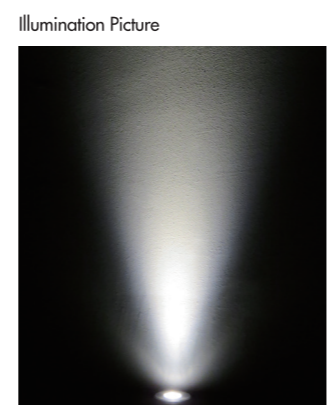
Photometric Data (3000K, 1x40°) & Illumination Picture



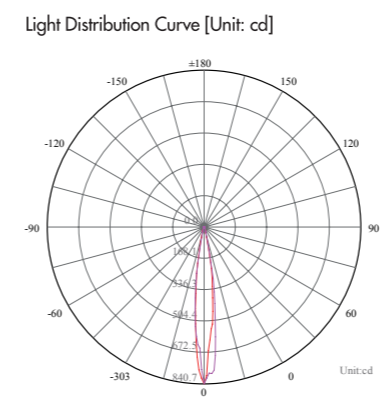
Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
71.23 LUX	1.1m	1.0m
17.81 LUX	2.3m	2.1m
7.91 LUX	3.4m	3.1m
4.45 LUX	4.5m	4.2m
2.85 LUX	5.7m	5.2m
1.98 LUX	6.8m	6.3m

Vert.Spread:31.6 Horiz.Spread:29.4



Photometric Data (3000K, 1x10°) & Illumination Picture



Lux distance Curve

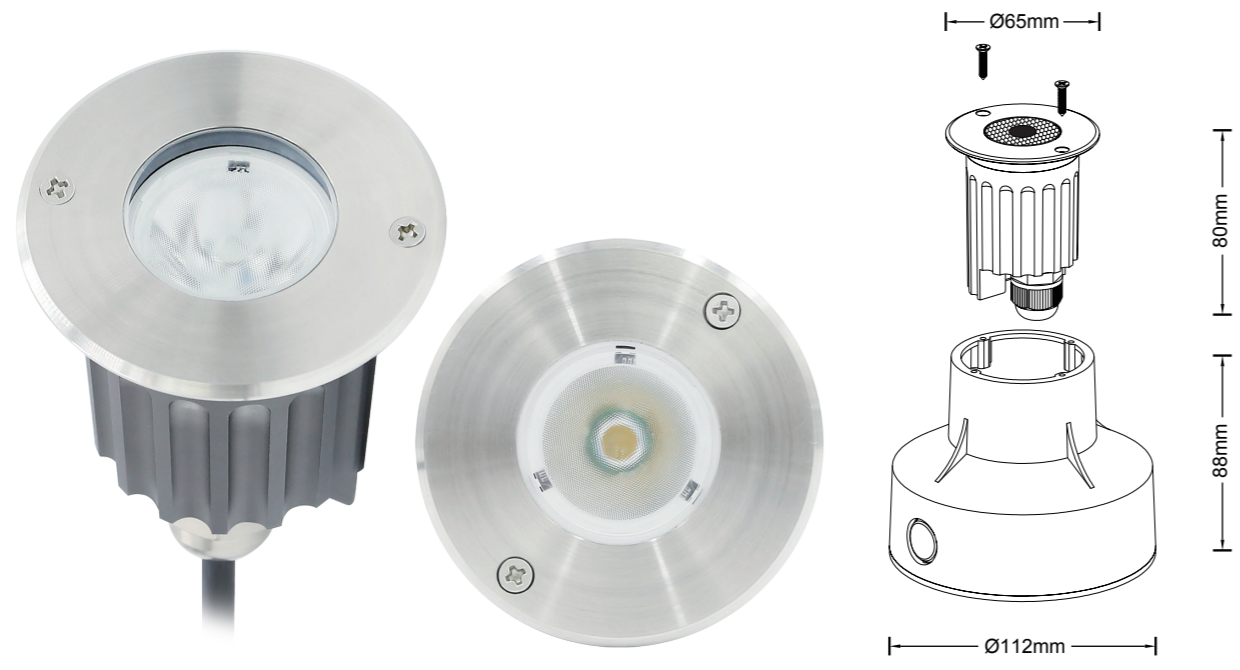
Height	Center I	Average I	Beam diameter
0.3m	78.101lx	119.010lx	0.711m
0.6m	940.67lx	1290.76lx	0.233m
1.2m	19.525lx	29.979lx	1.462m
2.4m	210.17lx	322.69lx	0.446m
4.8m	8.678lx	13.324lx	2.781m
9.6m	93.468lx	141.423lx	0.668m
19.2m	4.881lx	7.495lx	2.921m
38.4m	32.542lx	80.675lx	0.991m
76.8m	3.124lx	4.797lx	3.654m
153.6m	33.627lx	51.632lx	1.114m

Beam angle: 12.7



CE RoHS COMPLIANT IP67 IK06

CE RoHS COMPLIANT IP67 IK06



General Data	
Item No.	1008
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	110-130 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	30°, 40°, 60°
Dimension	Ø65x80 (mm) Diameter x length
Cut out	112 mm
Net weight	0.48 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	320 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion black PVC
Packaging	
Inner box size	117*117*105 mm
Carton size	48.5*25*34 cm (24PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

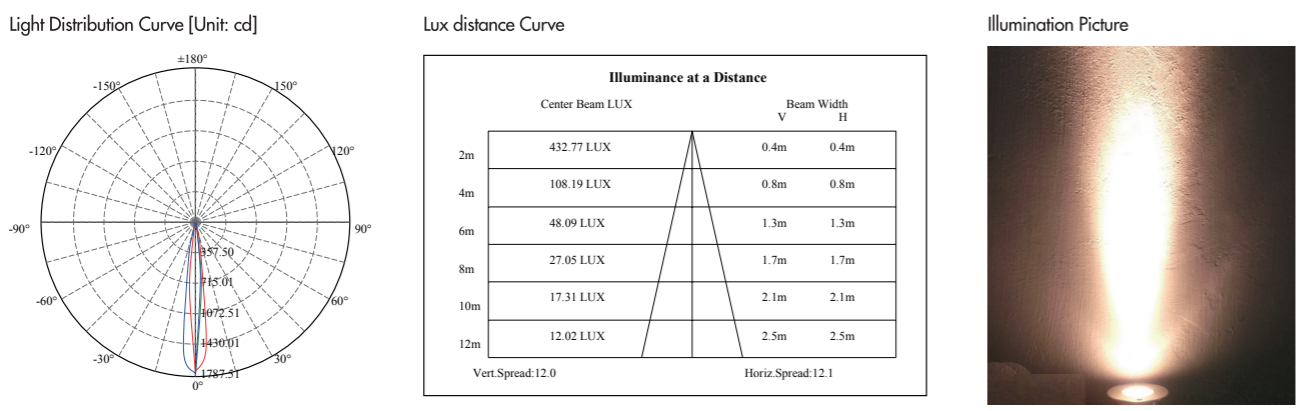


General Data	
Item No.	1009
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	110-130 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	25°, 40°
Dimension	Ø55x70 (mm) Diameter x length
Cut out	80 mm
Net weight	0.36 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V as standard, (AC100~245V as options)
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

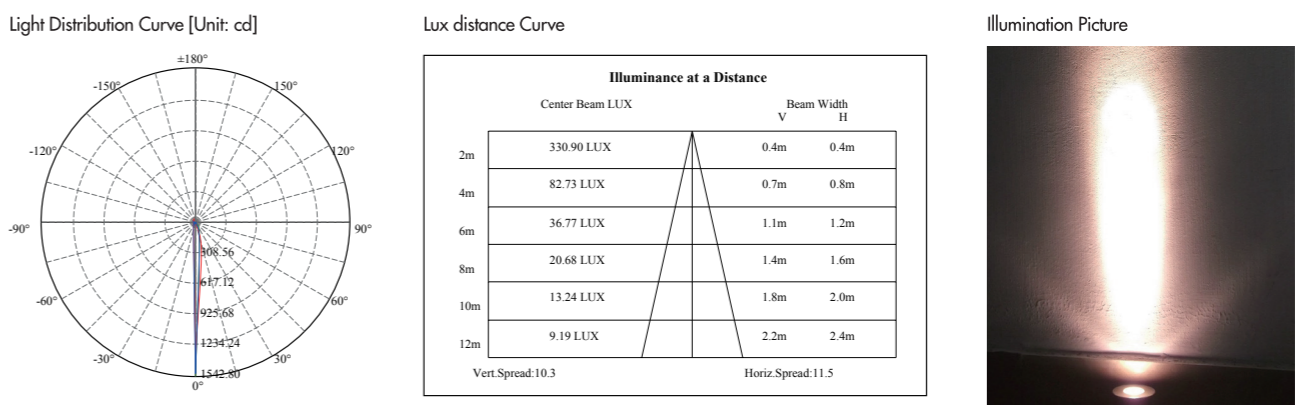
Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	320 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion Black PVC
Packaging	
Inner box size	88*88*105 mm
Carton size	46*28.5*24 cm (50PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K, 1x30°) & Illumination Picture

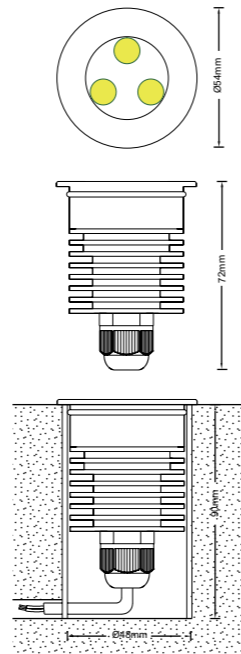


Photometric Data (3000K, 1x25°) & Illumination Picture



CE RoHS COMPLIANT IP67 IK06

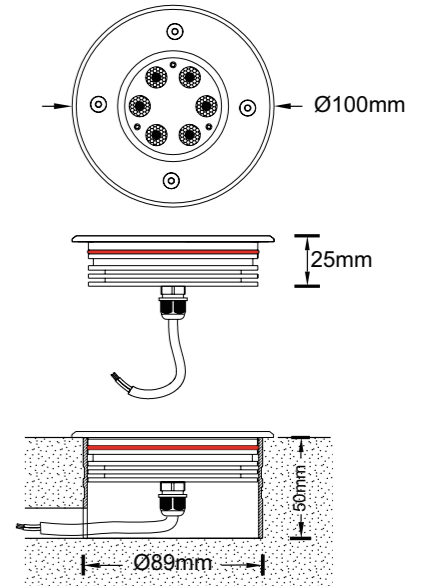
CE RoHS COMPLIANT IP67 IK06



General Data	
Item No.	3005
Power	3 Watts
LED type	3 PCS 1W CREE XPE LED
Luminous flux	230-260 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	25°, 45°
Dimension	Ø54x72 (mm) Diameter x length
Cut out	48 mm
Net weight	0.310 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V~DC24V as standard, (AC100~245V as options)
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK07
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	610 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined .Dark grey
Packaging	
Inner box size	90*59*100 mm
Carton size	46.8*31.3*21.8 cm (50PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**



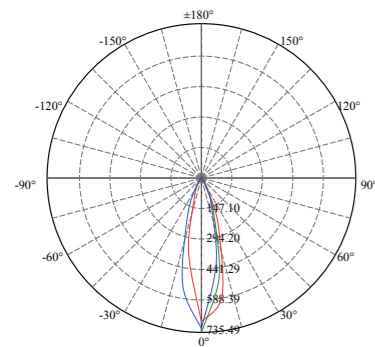
General Data	
Item No.	6001B-A
Power	6 Watts
LED type	6 PCS 1W OSRAM LED
Luminous flux	480~540 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/B
CRI	80+
Beam angle	20°, 40°, 60°
Dimension	100x25 (mm) Diameter x Height
Cut out	89 mm
Net weight	0.545kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK08
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	110*110*65 mm
Carton size	24.5*24.5*15 cm (8PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K, 1x25°) & Illumination Picture

Light Distribution Curve [Unit: cd]

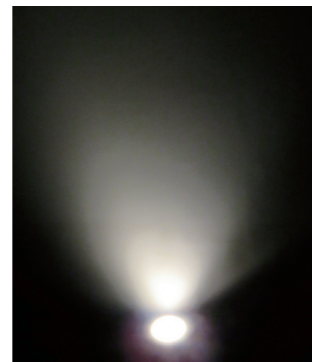


Lux distance Curve

Distance (m)	Center Beam LUX	Beam Width	
		V	H
2m	170.99 LUX	0.9m	1.0m
4m	42.75 LUX	1.9m	1.9m
6m	19.00 LUX	2.8m	2.9m
8m	10.69 LUX	3.8m	3.8m
10m	6.84 LUX	4.7m	4.8m
12m	4.75 LUX	5.6m	5.8m

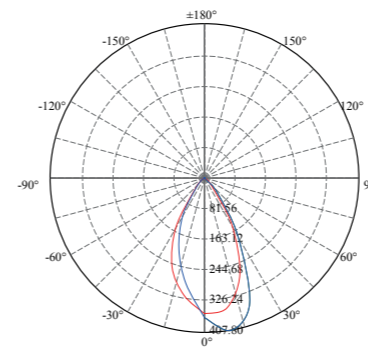
Vert.Spread:26.5 Horiz.Spread:27.0

Illumination Picture



Photometric Data (3000K, 40°) & Illumination Picture

Light Distribution Curve [Unit: cd]

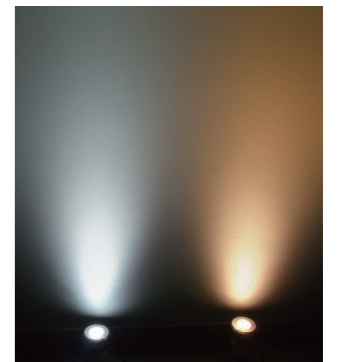


Lux distance Curve

Distance (m)	Center Beam LUX	Beam Width	
		V	H
2m	89.82 LUX	1.8m	1.8m
4m	22.46 LUX	3.7m	3.5m
6m	9.98 LUX	5.5m	5.3m
8m	5.61 LUX	7.3m	7.1m
10m	3.59 LUX	9.2m	8.9m
12m	2.50 LUX	11.0m	10.6m

Vert.Spread:49.4 Horiz.Spread:47.8

Illumination Picture



CE RoHS COMPLIANT IP67 IK07

CE RoHS COMPLIANT IP67 IK08



General Data	
Item No.	1201B-A
Power	12 Watts
LED type	12 PCS 1W OSRAM LED
Luminous flux	960~1080 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	20°, 40°, 60°
Dimension	120x 26.5 (mm) Diameter x Height
Cut out	120 mm
Net weight	0.735kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	130*130*80 mm
Carton size	28*28*10 cm (4PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

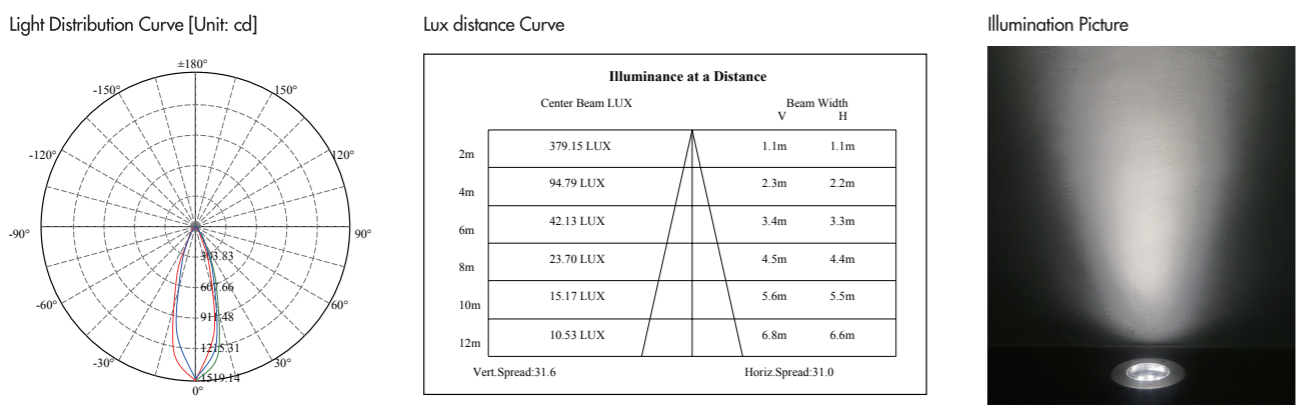


General Data	
Item No.	:3001
Power	6 Watts
LED type	3 PCS CREE XPE LED
Luminous flux	260~280 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	One beam with 5° + 5° + 5° (similar with a door)
Dimension	116 x 72 (mm) Diameter x Height
Cut out	100 mm
Net weight	1.24 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

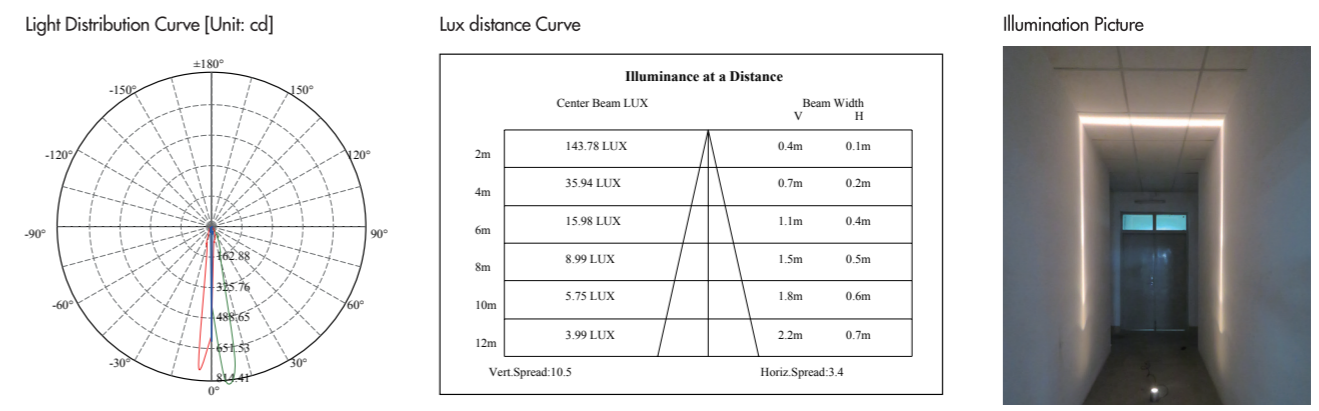
Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=8mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined .Dark grey
Packaging	
Inner box size	121*121*112 mm
Carton size	38*26*24 cm (12 PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K,40°) & Illumination Picture



Photometric Data (3000K, 5°+5°+5° (similar with a door)) & Illumination Picture



CE RoHS COMPLIANT IP67 IK09

CE RoHS COMPLIANT IP67 IK09

INGROUND LIGHTS SERIES

INGROUND LIGHTS SERIES





General Data	
Item No.	4001
Power	4 Watts
LED type	4 PCS 1W CREE XPE LED
Luminous flux	320~370 lm
CCT	2700K, 3000K, 4000K, 6000K ,R/G/Y/B
CRI	80+
Beam angle	20°, 40°, 60° (Direction adjustable with 20° at max)
Dimension	116x72 (mm) Diameter x Height
Cut out	100 mm
Net weight	1.221 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing
Trim	Stainless steel 316
Glass	Step tempered Glass.T=8mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Rotatable	Manual rotating bracket max 20°+20°
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	121*121*112 mm
Carton size	38*26*24 cm (12PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**
Adjustable

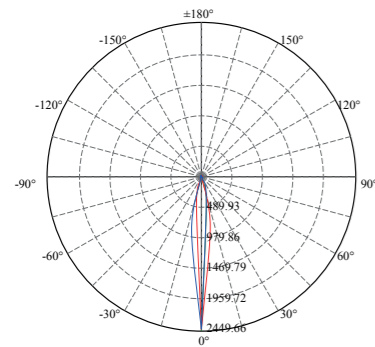
General Data	
Item No.	6001
Power	6 Watts
LED type	6 PCS 1W CREE XPE LED
Luminous flux	480~540 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	20°, 40°, 60° (Direction adjustable with 20° at max)
Dimension	116x72 (mm) Diameter x Height
Cut out	100 mm
Net weight	1.253 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing
Trim	Stainless steel 316
Glass	Step tempered Glass.T=8mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Rotatable	Manual rotating bracket max 20°+20°
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	121*121*112 mm
Carton size	38*26*24 cm (12PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**
Adjustable

Photometric Data (3000K, 60°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
605.99 LUX	0.5m	0.5m
151.50 LUX	1.0m	1.0m
67.33 LUX	1.4m	1.5m
37.87 LUX	1.9m	1.9m
24.24 LUX	2.4m	2.4m
16.83 LUX	2.9m	2.9m

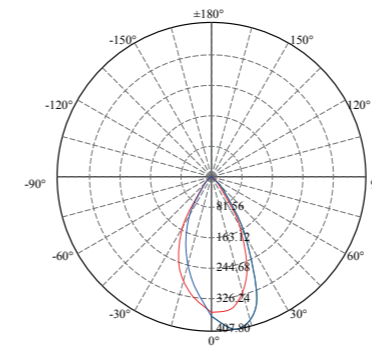
Vert.Spread:13.8 Horiz.Spread:13.8

Illumination Picture



Photometric Data (3000K,40°) & Illumination Picture

Light Distribution Curve [Unit: cd]

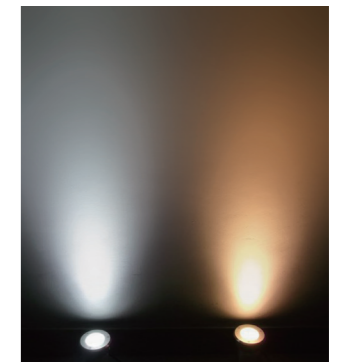


Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
89.82 LUX	1.8m	1.8m
22.46 LUX	3.7m	3.5m
9.98 LUX	5.5m	5.3m
5.61 LUX	7.3m	7.1m
3.59 LUX	9.2m	8.9m
2.50 LUX	11.0m	10.6m

Vert.Spread:49.4 Horiz.Spread:47.8

Illumination Picture





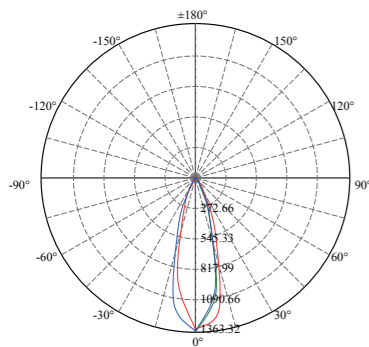
General Data	
Item No.	9001
Power	9 Watts
LED type	9 PCS 1W CREE XPE LED
Luminous flux	720~810 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	20°, 40°, 60° (Direction adjustable with 20° at max)
Dimension	134x74 (mm) Diameter x Height
Cut out	120 mm
Net weight	1.221kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Rotatable	Manual rotating bracket max 20°+20°
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	140*140*117 mm
Carton size	43.5*29.5*25 cm (12PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**
Adjustable

Photometric Data (3000K,40°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	334.62 LUX	1.1m x 1.1m
4m	83.66 LUX	2.2m x 2.2m
6m	37.18 LUX	3.3m x 3.4m
8m	20.91 LUX	4.4m x 4.5m
10m	13.38 LUX	5.5m x 5.6m
12m	9.30 LUX	6.6m x 6.7m

Vert.Spread:31.0 Horiz.Spread:31.2

Illumination Picture



CE RoHS COMPLIANT IP67 IK09

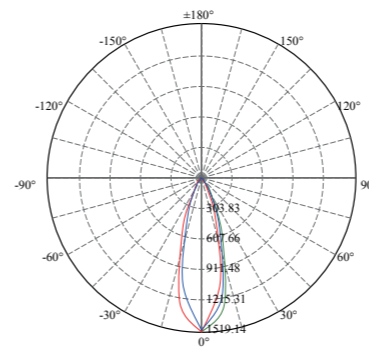
General Data	
Item No.	1201
Power	12 Watts
LED type	12 PCS 1W CREE XPE LED
Luminous flux	960~1080 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	20°, 40°, 60° (Direction adjustable with 20° at max)
Dimension	134x76 (mm) Diameter x Height
Cut out	120 mm
Net weight	1.243kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Rotatable	Manual rotating bracket max 20°+20°
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	140*140*117 mm
Carton size	43.5*29.5*25 cm (12PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**
Adjustable

Photometric Data (3000K,40°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	379.15 LUX	1.1m x 1.1m
4m	94.79 LUX	2.3m x 2.2m
6m	42.13 LUX	3.4m x 3.3m
8m	23.70 LUX	4.5m x 4.4m
10m	15.17 LUX	5.6m x 5.5m
12m	10.53 LUX	6.8m x 6.6m

Vert.Spread:31.6 Horiz.Spread:31.0

Illumination Picture



CE RoHS COMPLIANT IP67 IK09



General Data	
Item No.	9002
Power	18 Watts
LED type	9 PCS 2W CREE XTE LED
Luminous flux	1690~1725 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	20°, 40°, 60° (Direction adjustable with 20° at max)
Dimension	170x97 (mm) Diameter x Height
Cut out	148 mm
Net weight	3.82 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Rotatable	Manual rotating bracket max 20°+20°
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	178*178*120 mm
Carton size	37.5*37.5*27 cm (8PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**
Adjustable



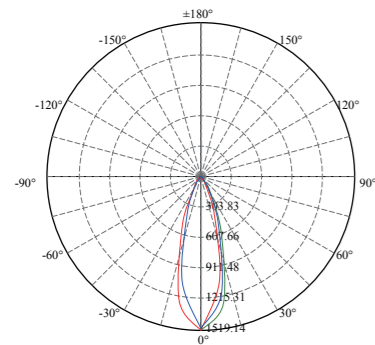
General Data	
Item No.	4001A
Power	4 Watts
LED type	4 PCS 1W CREE XPE LED
Luminous flux	320~370 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	20°, 40°, 60° (Direction adjustable with 20° at max)
Dimension	116x72 (mm) Diameter x Height
Cut out	100 mm
Net weight	1.223 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing
Trim	Stainless steel 316
Glass	Step tempered Glass.T=8mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Rotatable	Remote controlled rotating bracket max 20°+20°
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Controller	IR Remote controller for adjusting beam direction
Packaging	
Inner box size	121*121*112 mm
Carton size	38*26*24 cm (12PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**
Adjustable

Photometric Data (3000K,40°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Distance (m)	Center Beam LUX		Beam Width	
	V	H	V	H
2m	379.15 LUX	379.15 LUX	1.1m	1.1m
4m	94.79 LUX	94.79 LUX	2.3m	2.2m
6m	42.13 LUX	42.13 LUX	3.4m	3.3m
8m	23.70 LUX	23.70 LUX	4.5m	4.4m
10m	15.17 LUX	15.17 LUX	5.6m	5.5m
12m	10.53 LUX	10.53 LUX	6.8m	6.6m

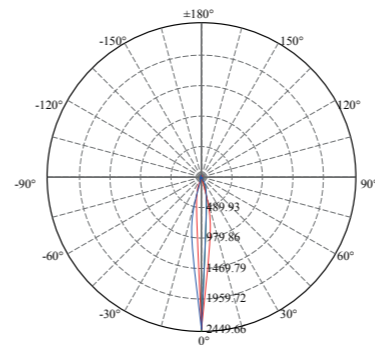
Vert.Spread:31.6 Horiz.Spread:31.0

Illumination Picture



Photometric Data (3000K,40°) & Illumination Picture

Light Distribution Curve [Unit: cd]

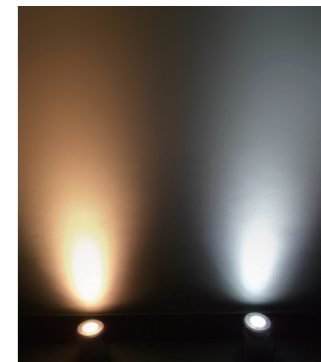


Lux distance Curve

Distance (m)	Center Beam LUX		Beam Width	
	V	H	V	H
2m	605.99 LUX	605.99 LUX	0.5m	0.5m
4m	151.50 LUX	151.50 LUX	1.0m	1.0m
6m	67.33 LUX	67.33 LUX	1.4m	1.5m
8m	37.87 LUX	37.87 LUX	1.9m	1.9m
10m	24.24 LUX	24.24 LUX	2.4m	2.4m
12m	16.83 LUX	16.83 LUX	2.9m	2.9m

Vert.Spread:13.8 Horiz.Spread:13.8

Illumination Picture





General Data	
Item No.	6001A
Power	6 Watts
LED type	6pcs 1W CREE XPE LED
Luminous flux	480-540 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	20°, 40°, 60° (Direction adjustable with 20° at max)
Dimension	116x72 (mm) Diameter x Height
Cut out	100 mm
Net weight	1.331 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing
Trim	Stainless steel 316
Glass	Step tempered Glass.T=8mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Rotatable	Remote controlled rotating bracket max 20°+20°
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Controller	IR Remote controller for adjusting beam direction
Packaging	
Inner box size	121*121*112 mm
Carton size	38x26x24 cm (12PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**
Adjustable



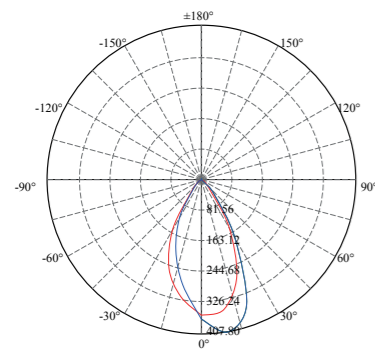
General Data	
Item No.	9001A
Power	9 Watts
LED type	9 PCS 1W CREE XPE LED
Luminous flux	720~810 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	20°, 40°, 60° (Direction adjustable with 20° at max)
Dimension	134x74 (mm) Diameter x Height
Cut out	120 mm
Net weight	1.638 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Rotatable	Remote controlled rotating bracket max 20°+20°
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Controller	IR Remote controller for adjusting beam direction
Packaging	
Inner box size	140*140*117 mm
Carton size	43.5*29.5*25 cm (12PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**
Adjustable

Photometric Data (3000K,40°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Distance (m)	Center Beam LUX		Beam Width	
	V	H	V	H
2m	89.82 LUX	89.82 LUX	1.8m	1.8m
4m	22.46 LUX	22.46 LUX	3.7m	3.5m
6m	9.98 LUX	9.98 LUX	5.5m	5.3m
8m	5.61 LUX	5.61 LUX	7.3m	7.1m
10m	3.59 LUX	3.59 LUX	9.2m	8.9m
12m	2.50 LUX	2.50 LUX	11.0m	10.6m

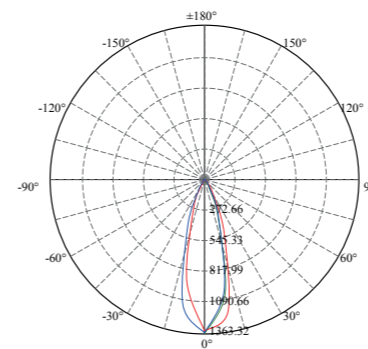
Vert. Spread: 49.4 Horiz. Spread: 47.8

Illumination Picture



Photometric Data (3000K,40°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Distance (m)	Center Beam LUX		Beam Width	
	V	H	V	H
2m	334.62 LUX	334.62 LUX	1.1m	1.1m
4m	83.66 LUX	83.66 LUX	2.2m	2.2m
6m	37.18 LUX	37.18 LUX	3.3m	3.4m
8m	20.91 LUX	20.91 LUX	4.4m	4.5m
10m	13.38 LUX	13.38 LUX	5.5m	5.6m
12m	9.30 LUX	9.30 LUX	6.6m	6.7m

Vert. Spread: 31.0 Horiz. Spread: 31.2

Illumination Picture





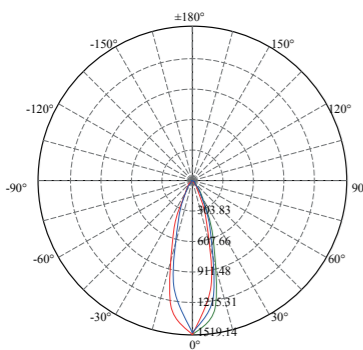
General Data	
Item No.	1201A
Power	12 Watts
LED type	12 PCS 1W CREE XPE LED
Luminous flux	960~1080 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	20°, 40°, 60° (Direction adjustable with 20° at max)
Dimension	134x76 (mm) Diameter x Height
Cut out	120 mm
Net weight	1.762kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing
Trim	Stainless steel 316
Glass	Step tempered Glass, T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Rotatable	Remote controlled rotating bracket max 20°+20°
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Controller	IR Remote controller for adjusting beam direction
Packaging	
Inner box size	140*140*117 mm
Carton size	43.5*29.5*25 cm (12PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**
Adjustable

Photometric Data (3000K,40°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	379.15 LUX	1.1m x 1.1m
4m	94.79 LUX	2.3m x 2.2m
6m	42.13 LUX	3.4m x 3.3m
8m	23.70 LUX	4.5m x 4.4m
10m	15.17 LUX	5.6m x 5.5m
12m	10.53 LUX	6.8m x 6.6m

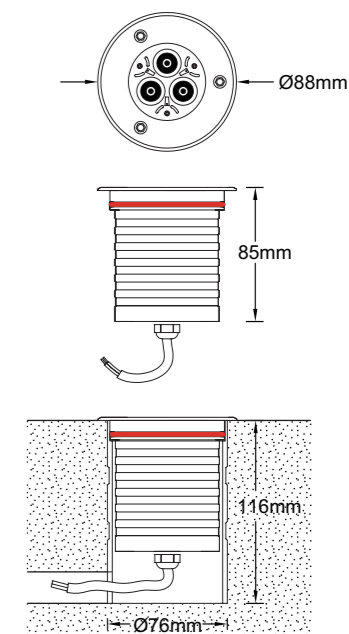
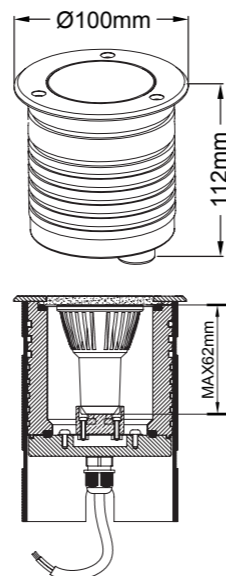
Vert. Spread: 31.6 Horiz. Spread: 31.0

Illumination Picture



CE **RoHS COMPLIANT** **IP67** **IK09**





General Data	
Item No.	GU10
Power	/ (For fitting GU10 lamp with 62 mm height at max)
LED type	Without lamp as standard ,(with lamp as options)
Luminous flux	/
CCT	/
CRI	/
Beam angle	/
Dimension	Ø100x112 (mm) Diameter x Height
Cut out	88 mm
Net weight	1.010 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC100~245V
Insulation class	Class I
Cable	1PC rubber cable 1M H05RN-F 3x0.75mm square
Driver	/

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK07
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing ,Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	610 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion PVC . Grey
Packaging	
Inner box size	115*115*145 mm
Carton size	48.5*25*31.5 cm (16PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

General Data	
Item No.	GU10-LC
Power	/ (For fitting GU10 lamp with 62 mm height at max)
LED type	Without lamp as standard ,(with lamp as options)
Luminous flux	/
CCT	/
CRI	/
Beam angle	/
Dimension	Ø88x85 (mm) Diameter x Height
Cut out	88 mm
Net weight	0.72 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC100~245V
Insulation class	Class I
Cable	1PC rubber cable 1M H05RN-F 3x0.75mm square
Driver	/

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK07
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing ,Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	610 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion PVC . Grey
Packaging	
Inner box size	95*95*132 mm
Carton size	40.5*40.5*28 cm (32PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

Application Picture

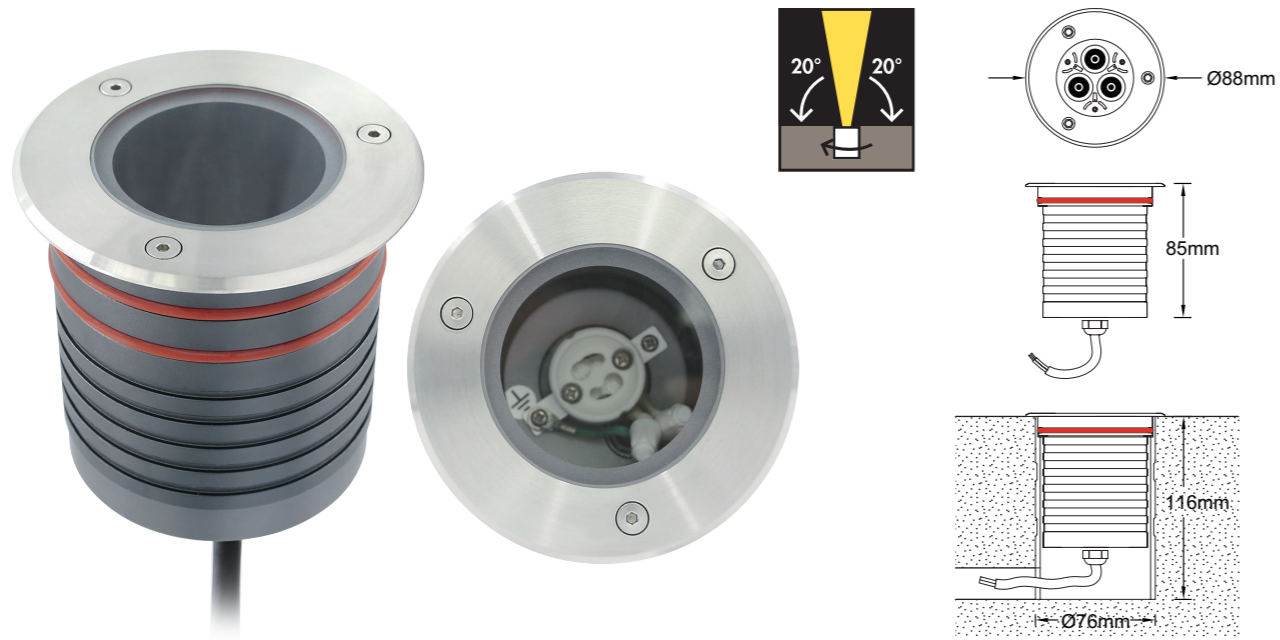


CE RoHS COMPLIANT IP67 IK07

Application Picture



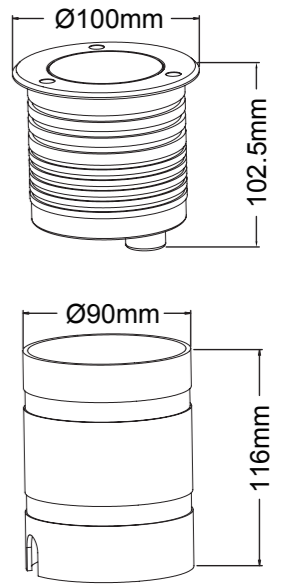
CE RoHS COMPLIANT IP67 IK07



General Data	
Item No.	GU10-C
Power	/ (For fitting GU10 lamp with 62 mm height at max)
LED type	Without lamp as standard , (with lamp as options)
Luminous flux	/
CCT	/
CRI	/
Beam angle	/ (Direction adjustable by hand with 20° at max)
Dimension	Ø88x85 (mm) Diameter x Height
Cut out	88 mm
Net weight	0.74 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC100~245V
Insulation class	Class I
Cable	1PC rubber cable 1M H05RN-F 3x0.75mm square
Driver	/

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK07
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	610 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion PVC . Grey
Packaging	
Inner box size	95*95*132 mm
Carton size	40.5*40.5*28 cm (32PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**



General Data	
Item No.	MR16
Power	/ (For fitting MR16 lamp with 62 mm height at max)
LED type	Without lamp as standard ,(with lamp as options)
Luminous flux	/
CCT	/
CRI	/
Beam angle	/
Dimension	Ø100x102.5 (mm) Diameter x Height
Cut out	90 mm
Net weight	0.945 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC 12V
Insulation class	Class III
Cable	1PC rubber cable 1M H05RN-F 2x0.75mm square
Driver	/

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK07
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	610 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined .Dark grey
Packaging	
Inner box size	113*113*132 mm
Carton size	47*24.5*28 cm (16PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

Application Picture

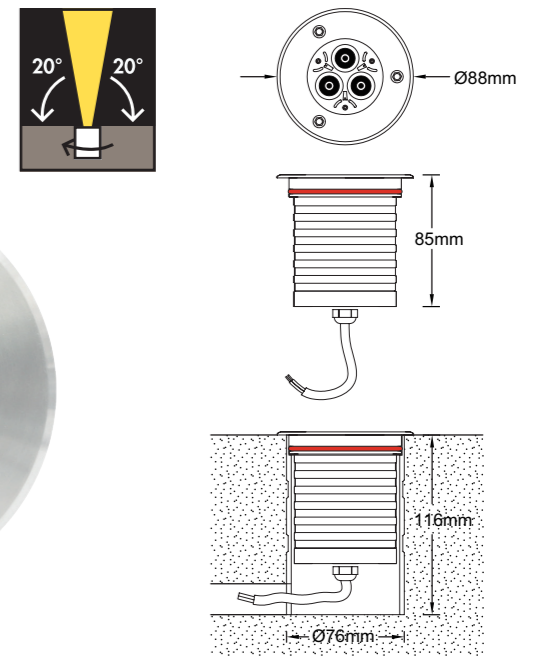
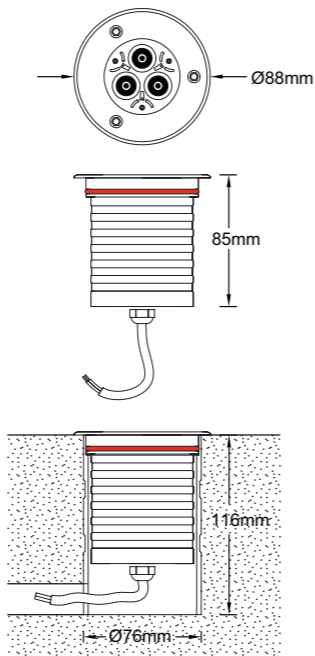


CE RoHS COMPLIANT IP67 IK07

Application Picture



CE RoHS COMPLIANT IP67 IK07



General Data	
Item No.	MR16-LC
Power	/ (For fitting MR16 lamp with 62 mm height at max)
LED type	Without lamp as standard ,(with lamp as options)
Luminous flux	/
CCT	/
CRI	/
Beam angle	/
Dimension	Ø88x85 (mm) Diameter x Height
Cut out	88 mm
Net weight	0.72 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC 12 V
Insulation class	Class III
Cable	1PC rubber cable 1M H05RN-F 2x0.75mm square
Driver	/

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK07
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing ,Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	610 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion PVC . Grey
Packaging	
Inner box size	95*95*132 mm
Carton size	40.5*40.5*28 cm (32PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

General Data	
Item No.	MR16-C
Power	/ (For fitting MR16 lamp with 62 mm height at max)
LED type	Without lamp as standard ,(with lamp as options)
Luminous flux	/
CCT	/
CRI	/
Beam angle	/ (Direction adjustable by hand with 20° at max)
Dimension	Ø88x85 (mm) Diameter x Height
Cut out	88 mm
Net weight	0.74 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC 12V
Insulation class	Class III
Cable	1PC rubber cable 1M H05RN-F 2x0.75mm square
Driver	/

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK07
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing ,Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	610 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion PVC . Grey
Packaging	
Inner box size	95*95*132 mm
Carton size	40.5*40.5*28 cm (32PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

Application Picture



CE RoHS COMPLIANT IP67 IK07

Application Picture



CE RoHS COMPLIANT IP67 IK07





General Data	
Item No.	6W-COB
Power	6 Watts
LED type	1 PC 6W COB LED
Luminous flux	470-500 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	24°, 36°
Dimension	Ø65x80 (mm) Diameter x length
Cut out	112 mm
Net weight	0.45 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK08
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion black PVC with screws fixed
Packaging	
Inner box size	117*117*105 mm
Carton size	61*25*24cm (20PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**



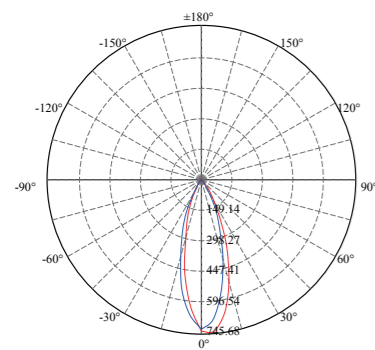
General Data	
Item No.	6W-COB-CH
Power	6 Watts
LED type	1 PC 6W COB LED
Luminous flux	470-500 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	24°,36°
Dimension	Ø64x80 (mm) Diameter x length
Cut out	53 mm
Net weight	0.59 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC100~245V as standard (DC24V as options)
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK08
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	2000 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined .Dark grey
Packaging	
Inner box size	117*117*105 mm
Carton size	49*25*23.5 cm (16PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K, 1x36°) & Illumination Picture

Light Distribution Curve [Unit: cd]

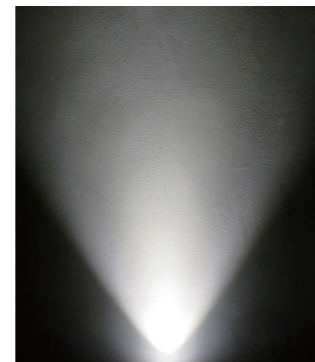


Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	182.33 LUX	1.2m x 1.2m
4m	45.58 LUX	2.3m x 2.4m
6m	20.26 LUX	3.5m x 3.6m
8m	11.40 LUX	4.7m x 4.8m
10m	7.29 LUX	5.8m x 6.0m
12m	5.06 LUX	7.0m x 7.2m

Vert.Spread:32.5 Horiz.Spread:33.2

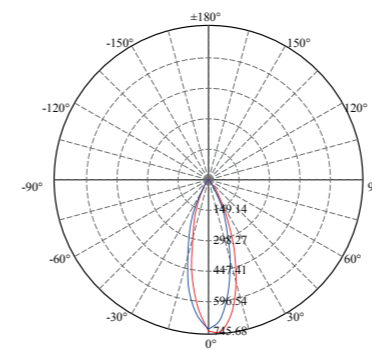
Illumination Picture



CE RoHS COMPLIANT IP67 IK08

Photometric Data (3000K, 1x36°) & Illumination Picture

Light Distribution Curve [Unit: cd]

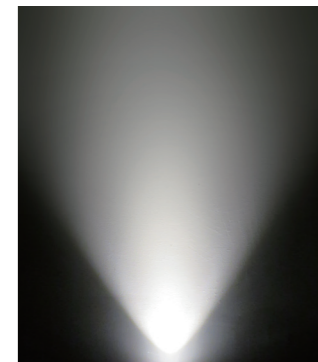


Lux distance Curve

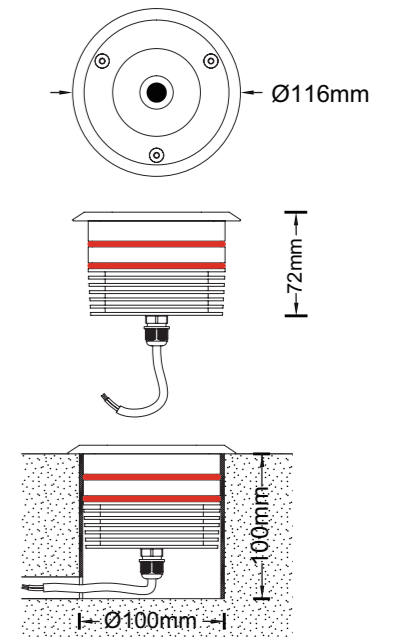
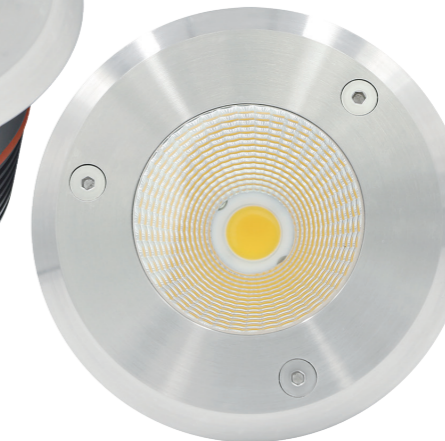
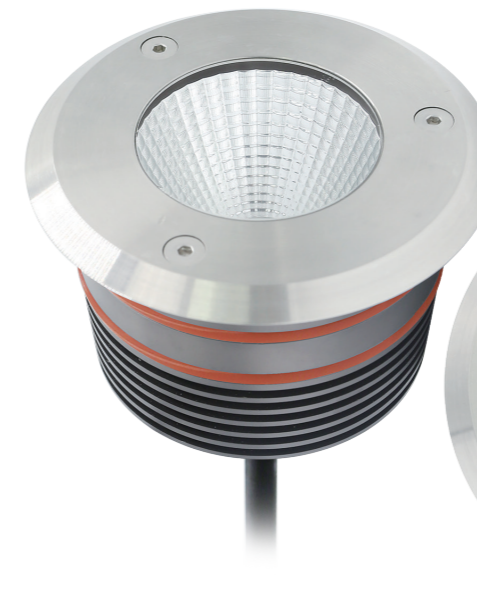
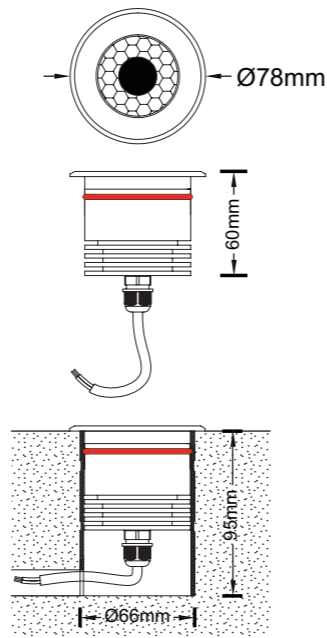
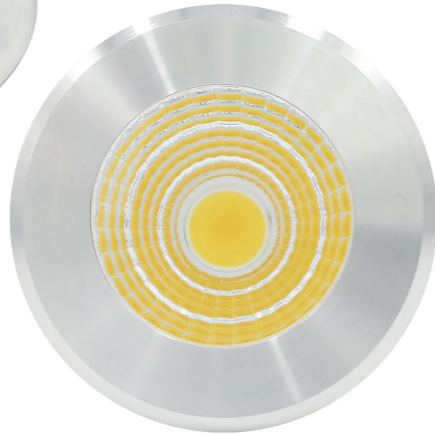
Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	182.33 LUX	1.2m x 1.2m
4m	45.58 LUX	2.3m x 2.4m
6m	20.26 LUX	3.5m x 3.6m
8m	11.40 LUX	4.7m x 4.8m
10m	7.29 LUX	5.8m x 6.0m
12m	5.06 LUX	7.0m x 7.2m

Vert.Spread:32.5 Horiz.Spread:33.2

Illumination Picture



CE RoHS COMPLIANT IP67 IK08



General Data	
Item No.	9W-COB
Power	9 Watts
LED type	1 PC 9W COB LED
Luminous flux	700-750 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	25°, 40°, 60°
Dimension	Ø78x60 (mm) Diameter x length
Cut out	66 mm
Net weight	0.538 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V as standard, (AC100~245V as options)
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK08
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=8mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined .Dark grey
Packaging	
Inner box size	85*85*110 mm
Carton size	45*36*13.5 cm (20PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

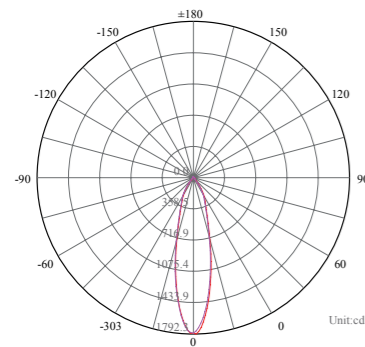
General Data	
Item No.	12W-COB
Power	12 Watts
LED type	1 PC 12W COB LED
Luminous flux	950-1000 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	20°, 30°, 38°, 60°
Dimension	Ø116x72 (mm) Diameter x length
Cut out	100 mm
Net weight	1.33 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=8mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	121*121*112 mm
Carton size	62*26*12.5 cm (10 PCS/Carton)

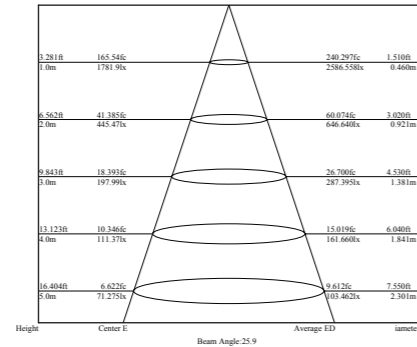
SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K, 1x40°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

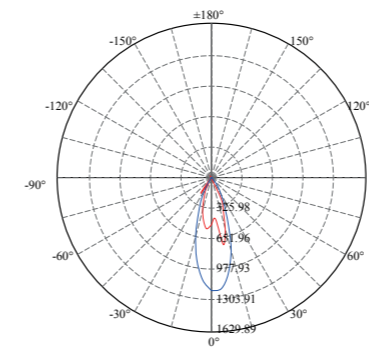


Illumination Picture

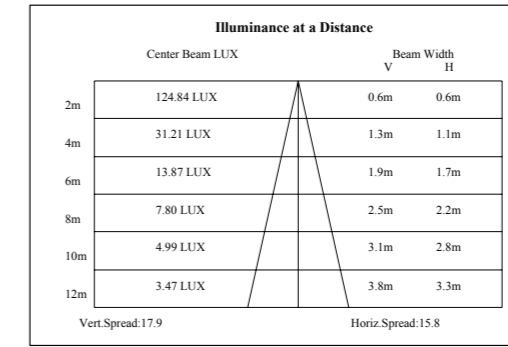


Photometric Data (3000K, 1x38°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture



CE RoHS COMPLIANT IP67 IK08

CE RoHS COMPLIANT IP67 IK09



General Data	
Item No.	15W-COB-AH
Power	15 Watts
LED type	1 PC 15W COB LED
Luminous flux	1320-1450 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	25°, 40°, 60°
Dimension	Ø108x82 (mm) Diameter x length
Cut out	102 mm
Net weight	0.955 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC100~245V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion black PVC with screws fixed
Packaging	
Inner box size	113*113*132 mm
Carton size	47*24.5*28 cm (16PCS / carton)

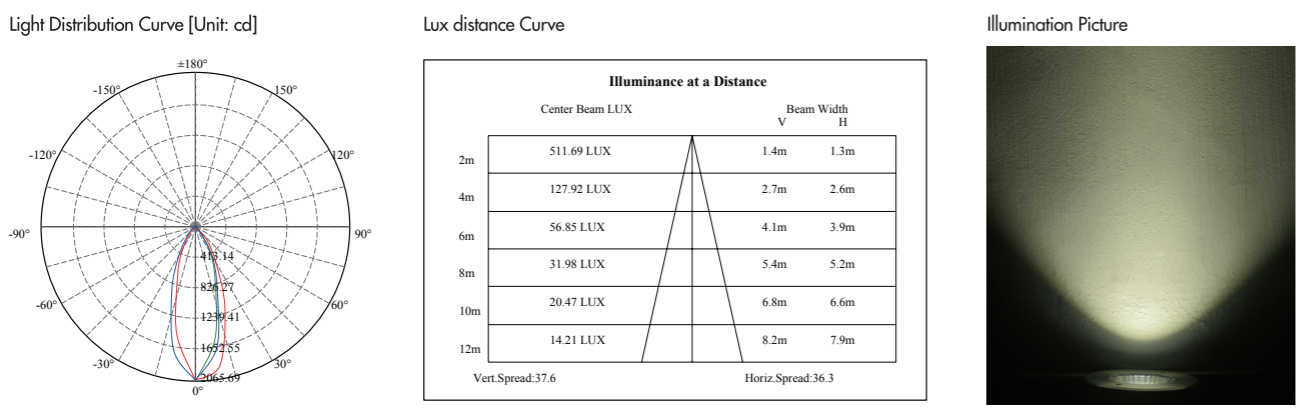
SSS 316 **Passivated** **3 Years Warranty**

General Data	
Item No.	25W-COB-AH
Power	25 Watts
LED type	1PC 25W COB LED
Luminous flux	2100~2300 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	20°, 30°, 38°, 60°
Dimension	Ø135x107 (mm) Diameter x length
Cut out	110 mm
Net weight	1.735 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC95~265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

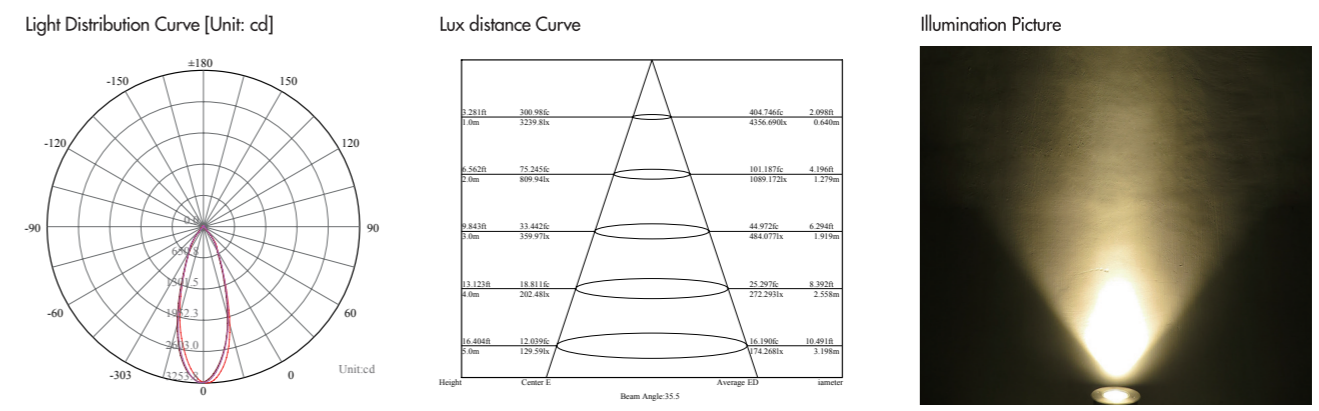
Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion grey PVC with screws fixed
Packaging	
Inner box size	150*150*155 mm
Carton size	47.5*32*33.5 cm (12PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K, 1x25°) & Illumination Picture



Photometric Data (3000K, 1x30°) & Illumination Picture



CE RoHS COMPLIANT IP67 IK09

CE RoHS COMPLIANT IP67 IK09



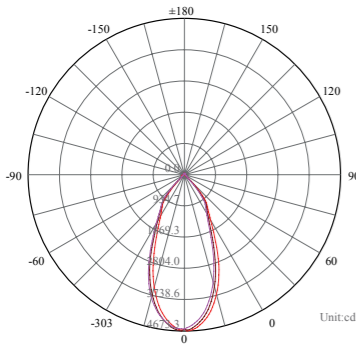
General Data	
Item No.	36W-COB
Power	36 Watts
LED type	1PC 36W COB LED
Luminous flux	2880~3060 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	15°, 24°, 38°, 60°
Dimension	Ø170x131 (mm) Diameter x length
Cut out	110 mm
Net weight	3.490 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC95~265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined .Dark grey
Packaging	
Inner box size	178*178*185 mm
Carton size	37.5*37.5*20.5 cm (4PCS / carton)

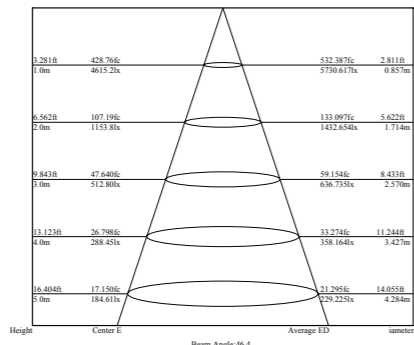
SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K, 1x38°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

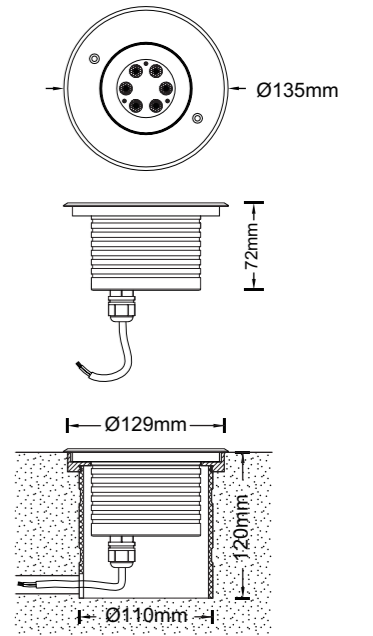
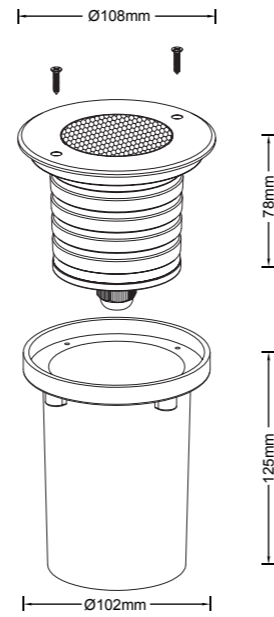


Illumination Picture



CE **RoHS COMPLIANT** **IP67** **IK09**





General Data	
Item No.	3003
Power	9 Watts
LED type	3 PCS 3W LG LED
Luminous flux	520~550 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	25°, 45°
Dimension	108x78 (mm) Diameter x Height
Cut out	102 mm
Net weight	0.954kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC100-240V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing, Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Black Anti-corrosion PVC, with screws fixed
Packaging	
Inner box size	113*113*132 mm
Carton size	47*24.5*28 cm (16PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

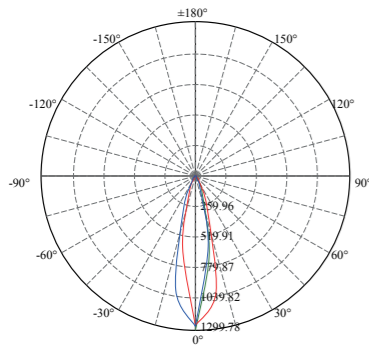
General Data	
Item No.	6002
Power	12 Watts as standard (18 watts as options)
LED type	6 PCS 2W CREE XPE LED
Luminous flux	650~750 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	10°, 15°, 18°, 22°, 25°, 30°, 40°, 60°
Dimension	135x72 (mm) Diameter x Height
Cut out	110 mm
Net weight	1.543kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC95-265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing
Trim	Stainless steel 316
Glass	Step tempered Glass.T=8mm.
Loading capacity	2000 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion grey PVC, with screws fixed
Packaging	
Inner box size	150*150*145 mm
Carton size	47*32*31 cm (12PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K,25°) & Illumination Picture

Light Distribution Curve [Unit: cd]

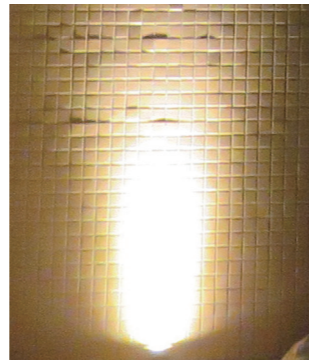


Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	313.96 LUX	0.9m x 0.9m
4m	78.49 LUX	1.8m x 1.7m
6m	34.88 LUX	2.6m x 2.6m
8m	19.62 LUX	3.5m x 3.5m
10m	12.56 LUX	4.4m x 4.3m
12m	8.72 LUX	5.3m x 5.2m

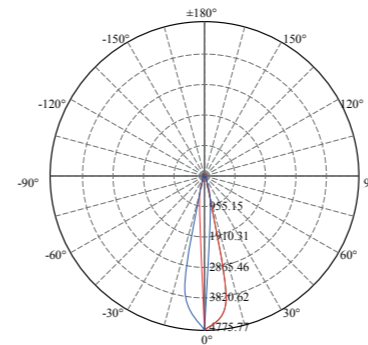
Vert. Spread: 24.7 Horiz. Spread: 24.5

Illumination Picture



Photometric Data (3000K,22°) & Illumination Picture

Light Distribution Curve [Unit: cd]

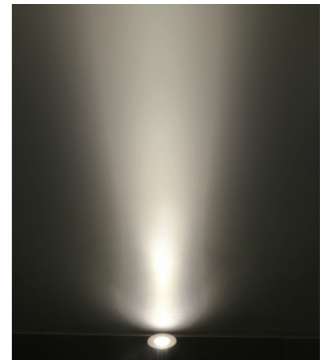


Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	1193.94 LUX	0.7m x 0.7m
4m	298.49 LUX	1.4m x 1.4m
6m	132.66 LUX	2.1m x 2.1m
8m	74.62 LUX	2.9m x 2.8m
10m	47.76 LUX	3.6m x 3.5m
12m	33.17 LUX	4.3m x 4.2m

Vert. Spread: 20.3 Horiz. Spread: 20.0

Illumination Picture



CE RoHS COMPLIANT IP67 IK09

CE RoHS COMPLIANT IP67 IK09



General Data	
Item No.	1202
Power	24 Watts
LED type	12 PCS 2W CREE XPE LED
Luminous flux	1500~1600 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	10°, 15°, 18°, 22°, 25°, 30°, 40°, 60°
Dimension	160x107 (mm) Diameter x Height
Cut out	148 mm
Net weight	2.985 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC95-265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10 mm.
Loading capacity	2000 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion grey PVC, with screws fixed
Packaging	
Inner box size	170*170*140 mm
Carton size	35.5*35.5*16 cm (4PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

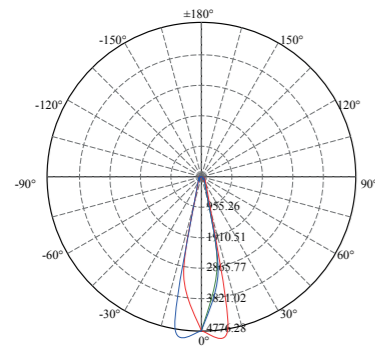
General Data	
Item No.	1802
Power	30 Watts
LED type	18 PCS CREE XPE LED
Luminous flux	1750~1850 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	15°, 24°, 36°
Dimension	170x131 (mm) Diameter x Height
Cut out	148 mm
Net weight	3.688kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC96~265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing,Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	178*178*185 mm
Carton size	37.5*37.5*22.5 cm (4PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (3000K,22°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
1194.03 LUX	1.0m	1.0m
298.51 LUX	2.0m	2.0m
132.67 LUX	3.0m	3.0m
74.63 LUX	4.0m	4.0m
47.76 LUX	5.0m	4.9m
33.17 LUX	6.0m	5.9m

Vert.Spread:28.1 Horiz.Spread:27.8

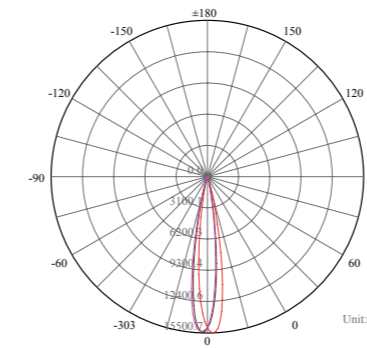
Illumination Picture



CE RoHS COMPLIANT IP67 IK09

Photometric Data (3000K,15°) & Illumination Picture

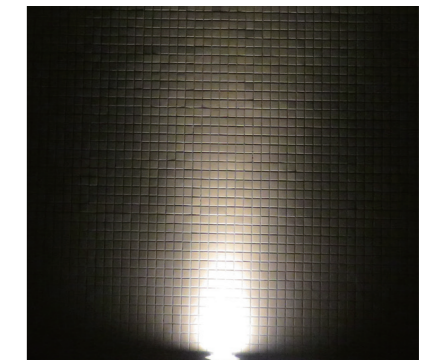
Light Distribution Curve [Unit: cd]



Lux distance Curve

Center L	Beam Angle 16.2		Average HD		Unit:cd
	Height	Center L	Average HD	Unit:cd	
1.281m	1397.56	1888.9856	0.9166		
1.5m	1499.36	2033.3316	0.285m		
2.0m	562.0	348.226	472.2466	1.8726	
3.0m	374.8.36	508.12586	0.571m		
4.0m	284.31	354.776	209.8876	2.808	
5.0m	166.5.96	239.2266	0.856m		
6.0m	111.238	167.0556	118.0626	3.744	
8.0m	69.77	107.066	1270.8146	1.141m	
10.0m	46.4848	71.56	58.0306	4.608	
12.0m	39.726	59.726	31.3216	1.426m	

Illumination Picture



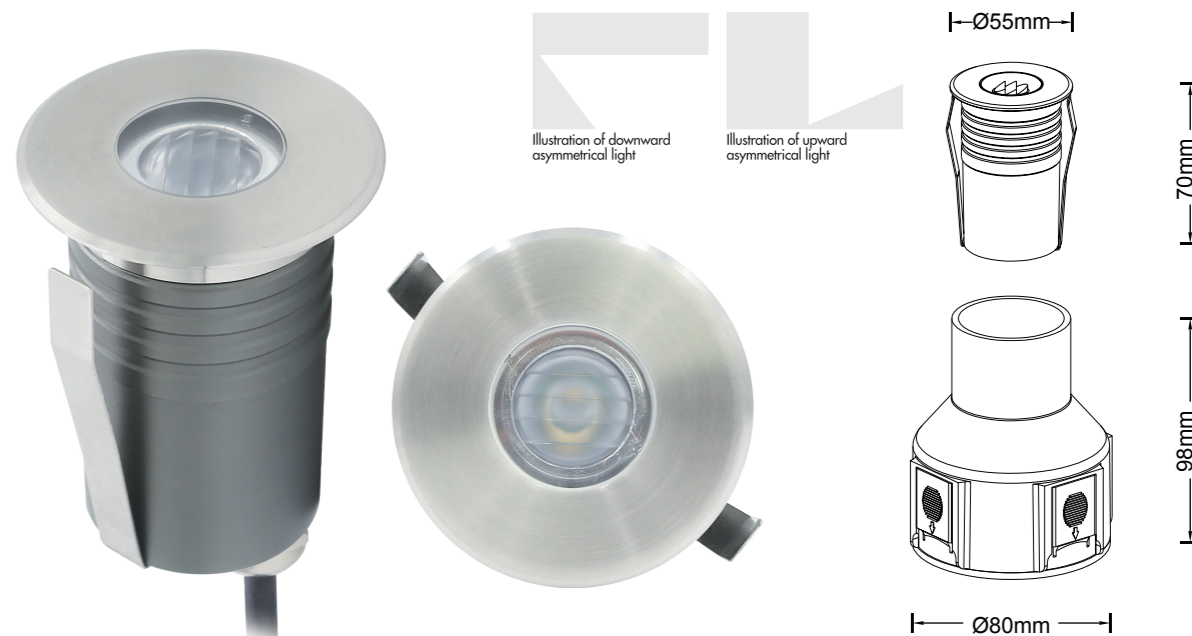
CE RoHS COMPLIANT IP67 IK09



General Data	
Item No.	2402
Power	40 Watts
LED type	24 PCS CREE XPE LED
Luminous flux	2320~2500 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	15°, 24°, 36°
Dimension	170 x 131 (mm) Diameter x Height
Cut out	148 mm
Net weight	3.693kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC96~265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing, Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	178*178*185 mm
Carton size	37.5*37.5*22.5 cm (4PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**



General Data	
Item No.	1009-1
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	110~130 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	asymmetric lens with 18°+30° beam, 18°+14°, 18°+53°(tilt +pan)
Dimension	55x70 (mm) Diameter x Height
Cut out	80 mm
Net weight	0.356 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V / DC12V as standard, (AC100~240V as options)
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

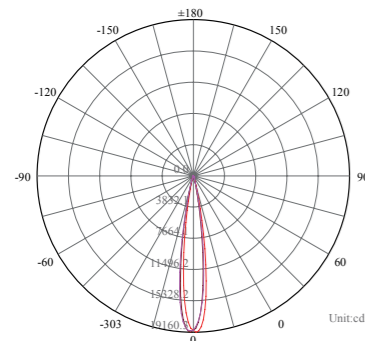
Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing, Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	320 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion black PVC, with screws fixed
Packaging	
Inner box size	88*88*105 mm
Carton size	46*28.5*24 cm (30PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

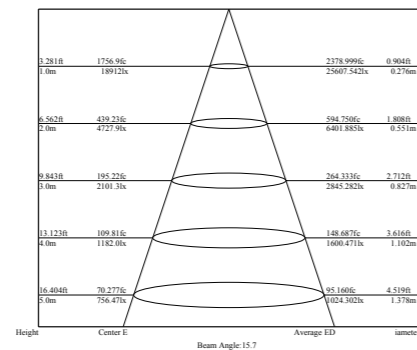
Asymmetric lens

Photometric Data (3000K, 15°) & Illumination Picture

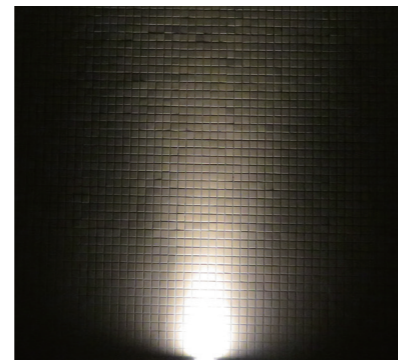
Light Distribution Curve [Unit: cd]



Lux distance Curve

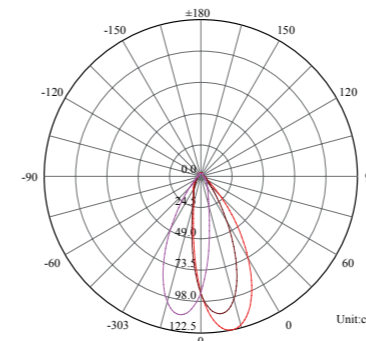


Illumination Picture

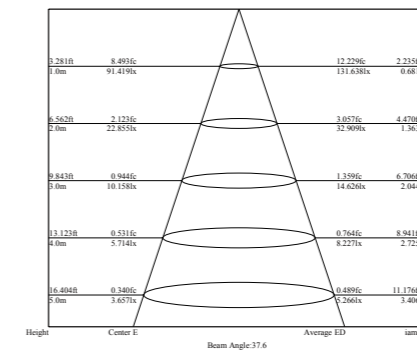


Photometric Data (3000K, tilt 18°+ pan 30°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture



CE RoHS COMPLIANT IP67 IK09

CE RoHS COMPLIANT IP67 IK06



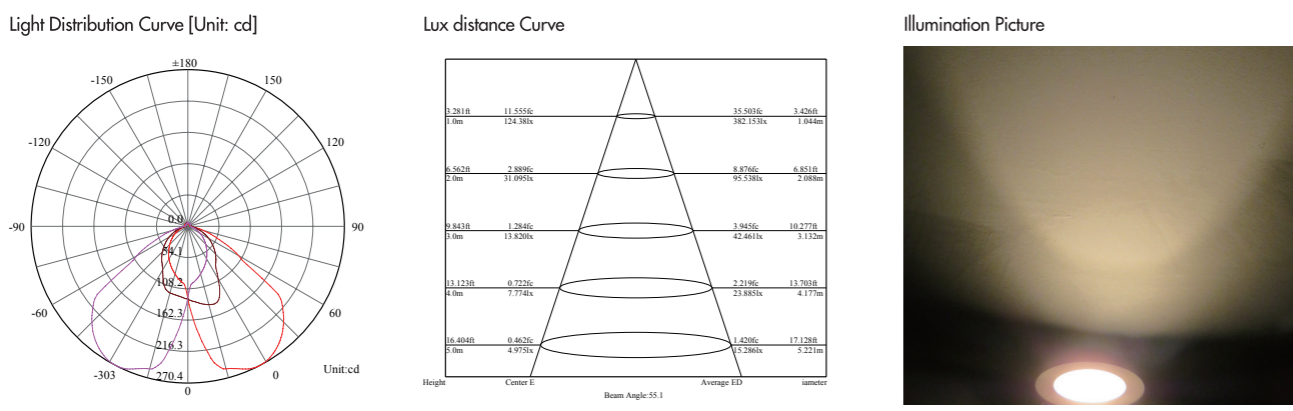


General Data	
Item No.	1013
Power	9 Watts
LED type	1 PC CREE MHB-A 5050 SMD LED
Luminous flux	550~600 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	45° tilt asymmetric + 45° pan beam
Dimension	78x78 (mm) Diameter x Height
Cut out	66 mm
Net weight	0.539 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V as standard, (AC100~245V as options)
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK08
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing,Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	85*85*110 mm
Carton size	45*36*13.5 cm (20PCS / carton)

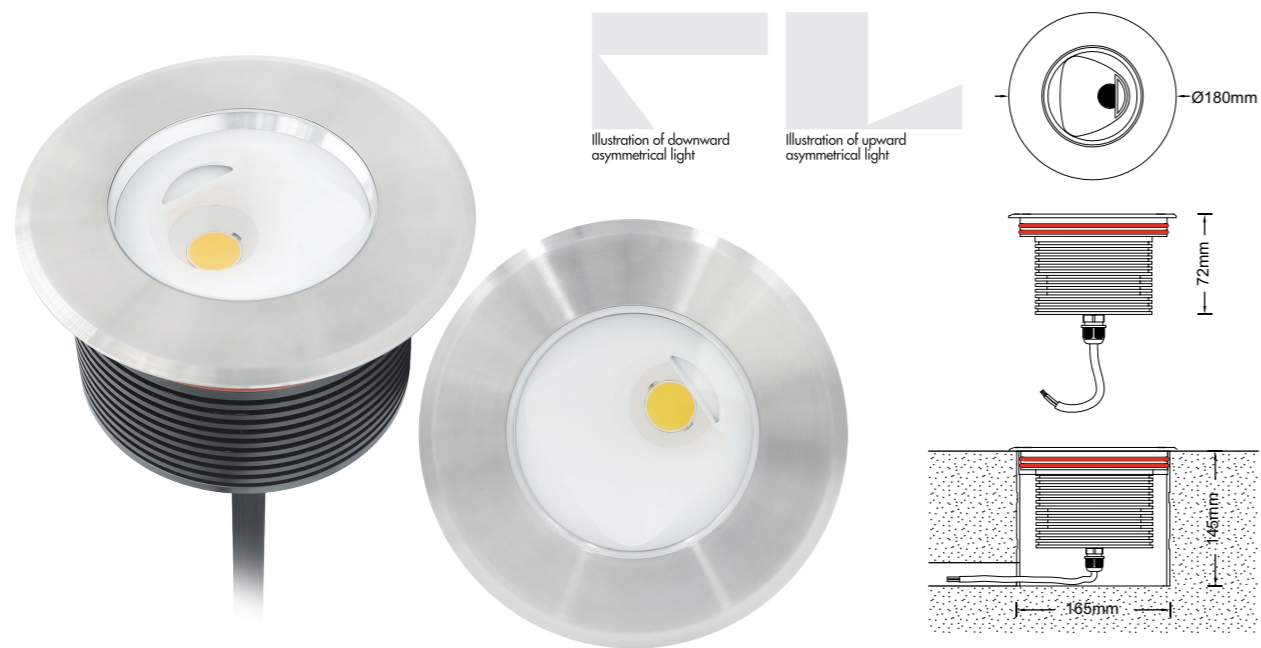
SSS 316 **Passivated** **3 Years Warranty**
Asymmetric Reflector!

Photometric Data (3000K,45°+45°) & Illumination Picture



CE **RoHS COMPLIANT** **IP67** **IK08**





General Data	
Item No.	30W-COB-BH
Power	30 Watts
LED type	1 PC 30W COB LED
Luminous flux	2400~2500 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	15° tilt asymmetric + 60° pan beam
Dimension	180x72 (mm) Diameter x Height
Cut out	165 mm
Net weight	3.535 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC100-240V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

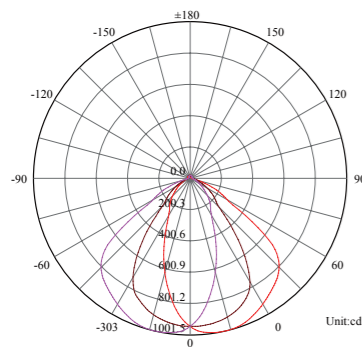
Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing, Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Solid Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	190*190*160 mm
Carton size	40*40*18.5 cm (4PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**

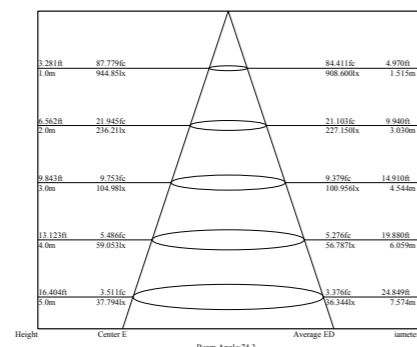
Asymmetric Reflector!

Photometric Data (3000K, 15°+60°) & Illumination Picture

Light Distribution Curve [Unit: cd]



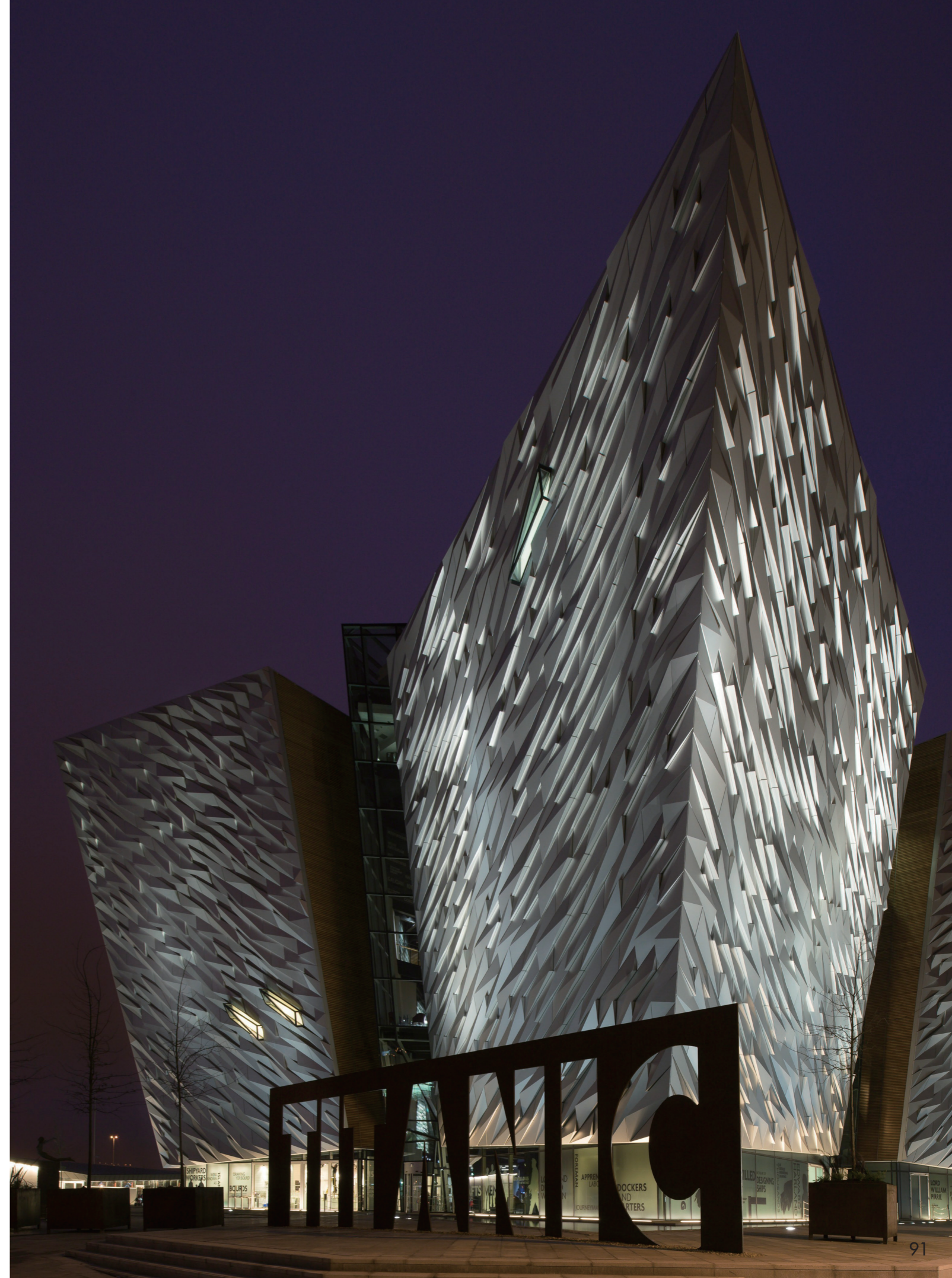
Lux distance Curve

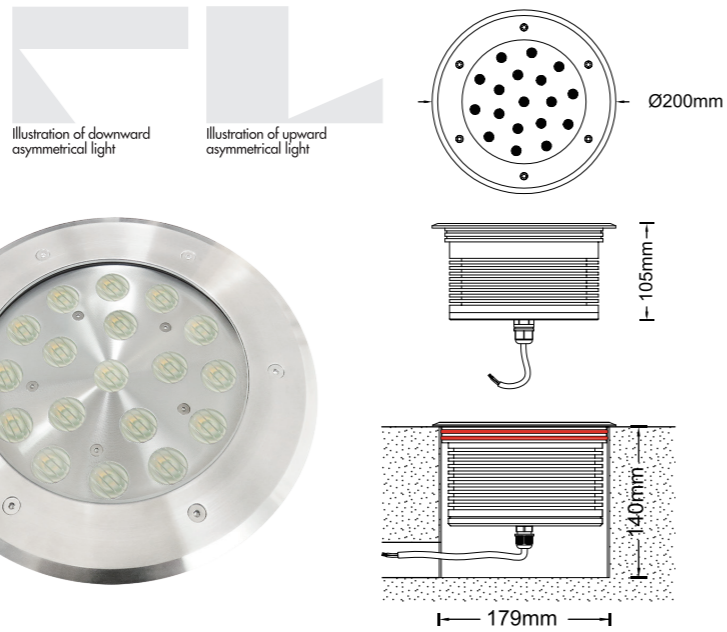


Illumination Picture



CE **RoHS COMPLIANT** **IP67** **IK09**





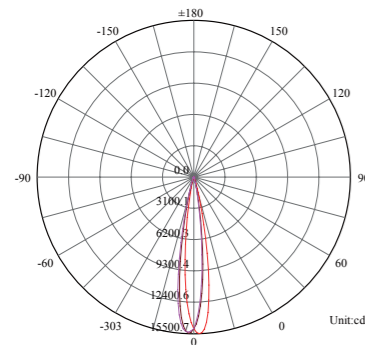
General Data	
Item No.	1801-A
Power	30 Watts
LED type	18 PCS CREE XPE LED
Luminous flux	1750~1850 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	asymmetric lens with 18°+14°, 18°+24°, 18°+36° beam, 18°+60° (tilt +pan)
Dimension	200 x 105 (mm) Diameter x Height
Cut out	179 mm
Net weight	4.410 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC95~265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing, Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	210*210*180 mm
Carton size	44*22.5*20 cm [2 PCS / carton]

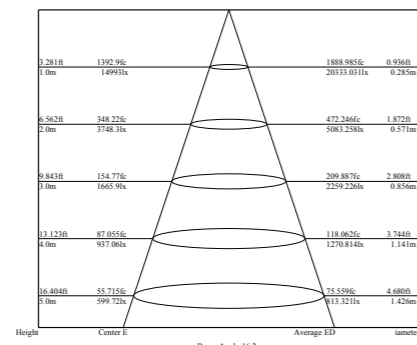
SSS 316 **Passivated** **3 Years Warranty**
Asymmetric lens!

Photometric Data (3000K, 18°+14° beam) & Illumination Picture

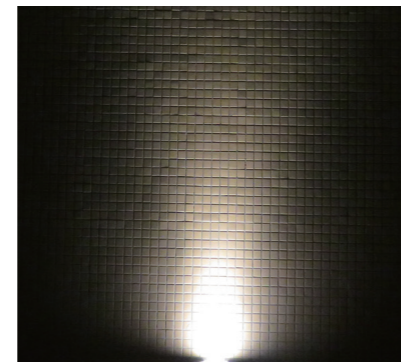
Light Distribution Curve [Unit: cd]



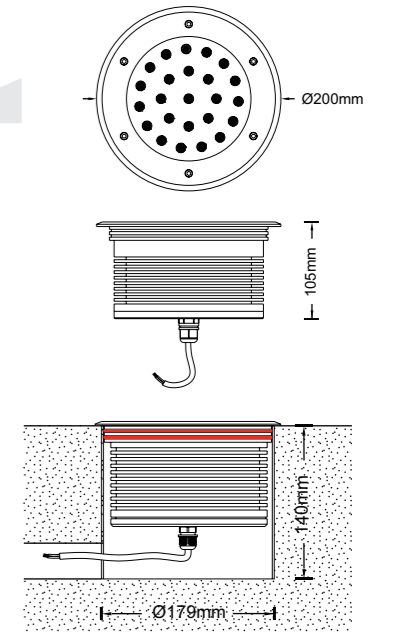
Lux distance Curve



Illumination Picture



CE RoHS COMPLIANT IP67 IK09



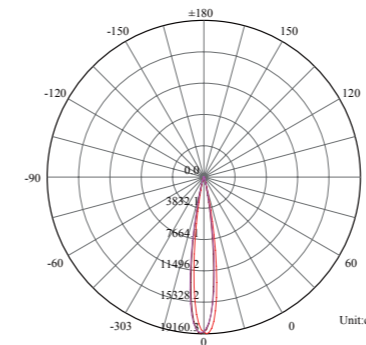
General Data	
Item No.	2401-A
Power	40 Watts as standard, (30 watts as options)
LED type	24 PCS CREE XPE LED
Luminous flux	2320~2500 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/Y/B
CRI	80+
Beam angle	asymmetric lens with 18°+14°, 18°+24°, 18°+36° beam, 18°+60°(tilt +pan)
Dimension	200 x 105 (mm) Diameter x Height
Cut out	179 mm
Net weight	4.435 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC95~265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing, Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	210*210*180 mm
Carton size	44*22.5*20 cm [2 PCS / carton]

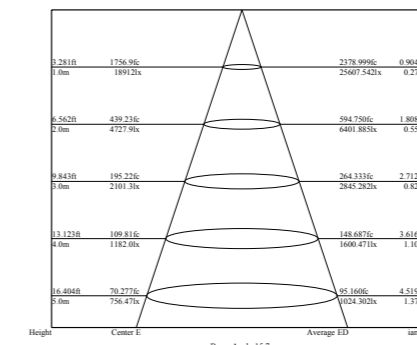
SSS 316 **Passivated** **3 Years Warranty**
Asymmetric lens!

Photometric Data (3000K, 18°+14°) & Illumination Picture

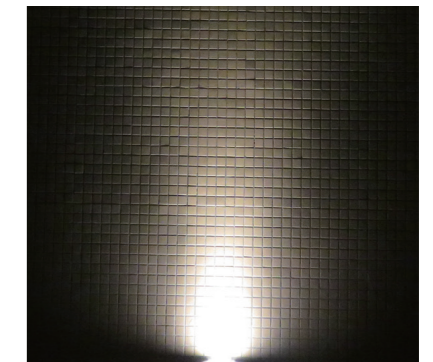
Light Distribution Curve [Unit: cd]



Lux distance Curve

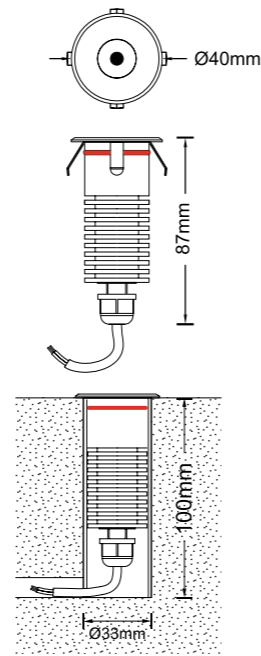


Illumination Picture



CE RoHS COMPLIANT IP67 IK09





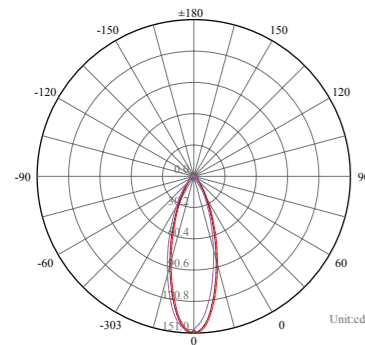
General Data	
Item No.	1003-RGB
Power	3 Watts
LED type	1 PC 3W 3in1 RGB LED
Luminous flux	95 lm (All LED chips on)
CCT	RGB
CRI	70+
Beam angle	20°, 45°, 60°
Dimension	40 x 87 (mm) Diameter x Height
Cut out	33mm
Net weight	0.27 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V /DC24V
Insulation class	Class III
Cable	1 x cable 1.5M H05RN-F 4x0.75mm square to open wires
Driver	Low voltage constant current output ,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless Steel 316
Glass	Step style,Super White,Tempered Glass.T=4mm.
Loading capacity	320 kgs
Cable Gland	Nickel Copper PG9 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Solid Passivated (Anodizing) Aluminum CNC machined .Dark grey
Clip	With Aluminium spring that's for deck lights or ceiling lights application
Packaging	
Inner box size	120*85*60 mm
Carton size	49*24*33 cm (50 PCS / carton)

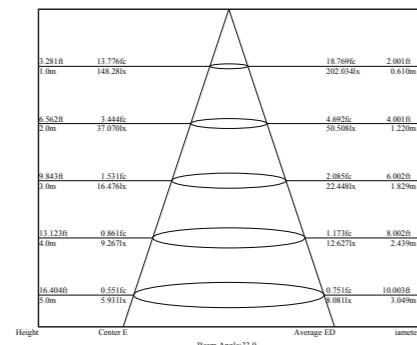
SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (RGB, 45°) & Illumination Picture

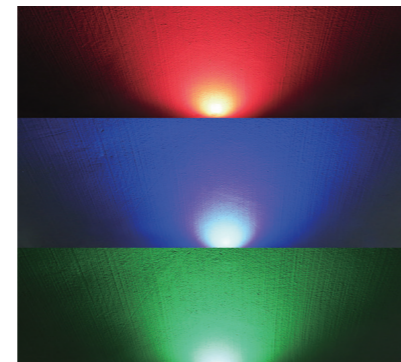
Light Distribution Curve [Unit: cd]



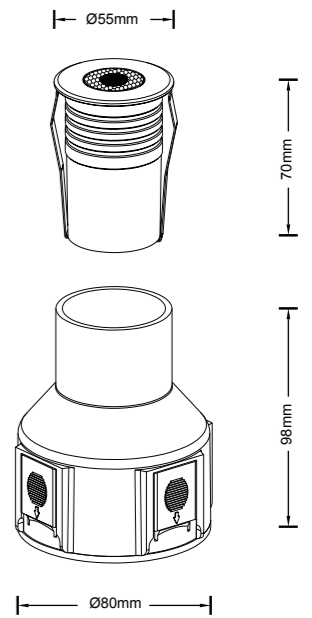
Lux distance Curve



Illumination Picture



CE RoHS COMPLIANT IP67 IK06



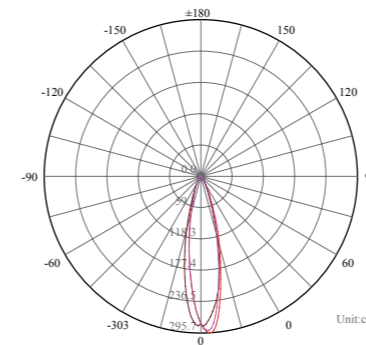
General Data	
Item No.	1009-RGB
Power	3 Watts
LED type	1 PC 3W 3in1 LED
Luminous flux	105 lm (All LEDs on)
CCT	RGB
CRI	70+
Beam angle	25°, 45°
Dimension	55 x 70 (mm) Diameter x Height
Cut out	80 mm
Net weight	0.42 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V/DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 4x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	320 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion Black PVC
Packaging	
Inner box size	88*88*105 mm
Carton size	46*28.5*24 cm (30PCS / carton)

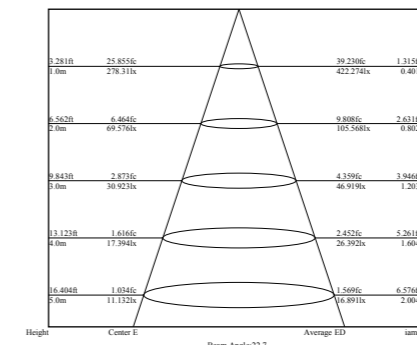
SSS 316 **Passivated** **3 Years Warranty**

Photometric Data (RGB, 25°) & Illumination Picture

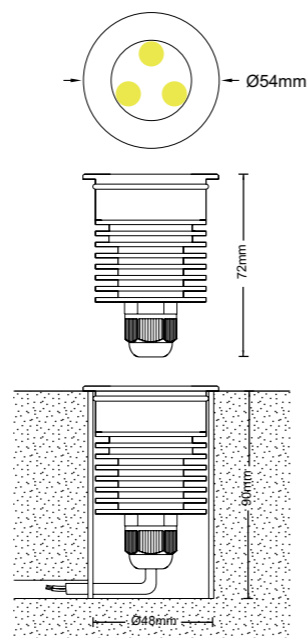
Light Distribution Curve [Unit: cd]



Lux distance Curve



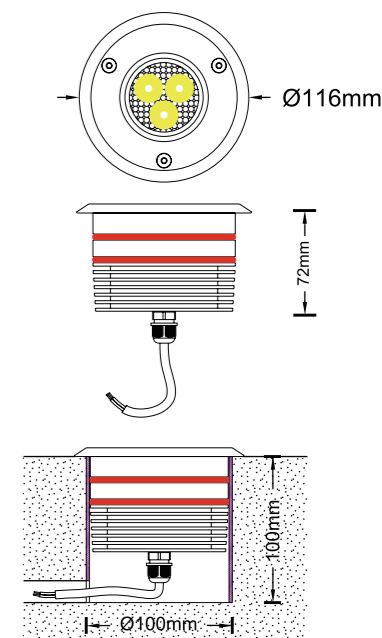
CE RoHS COMPLIANT IP67 IK06



General Data	
Item No.	3005-RGB
Power	3 Watts
LED type	3pcs 1W 3in 1
Luminous flux	130 lm (All LED on)
CCT	RGB
CRI	70+
Beam angle	25°, 45°
Dimension	54 x 72 (mm) Diameter x Height
Cut out	48 mm
Net weight	0.390 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 4x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	11~13µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=6mm.
Loading capacity	320 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined .Dark grey
Packaging	
Inner box size	90*59*100 mm
Carton size	46.8*31.3*21.8 cm (50 PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**



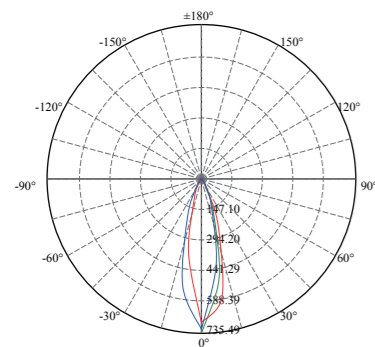
General Data	
Item No.	3002-RGB
Power	9 Watts
LED type	3 PCS 3W 3in1 LED
Luminous flux	540 lm (ALL LEDs ON)
CCT	RGB
CRI	70+
Beam angle	25°, 45° (Direction adjustable with 20° at max)
Dimension	116 x 72 (mm) Diameter x Height
Cut out	100 mm
Net weight	1.31 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 4x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=8mm.
Loading capacity	2000 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Rotatable	Manual rotating bracket max 20°+20°
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	121*121*112mm
Carton size	38*26*24 cm (12PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**
Adjustable

Photometric Data (RGB, 25°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

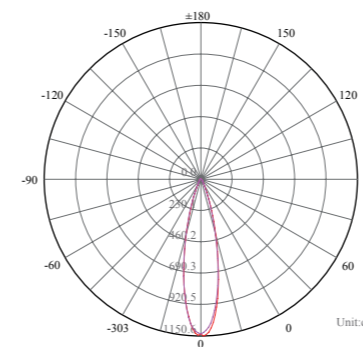
Illuminance at a Distance			
Center Beam LUX	Beam Width		V
	V	H	
170.99 LUX	0.9m	1.0m	2m
42.75 LUX	1.9m	1.9m	4m
19.00 LUX	2.8m	2.9m	6m
10.69 LUX	3.8m	3.8m	8m
6.84 LUX	4.7m	4.8m	10m
4.75 LUX	5.6m	5.8m	12m

Vert.Spread:26.5 Horiz.Spread:27.0

CE RoHS COMPLIANT IP67 IK06

Photometric Data (RGB, 40°) & Illumination Picture

Light Distribution Curve [Unit: cd]

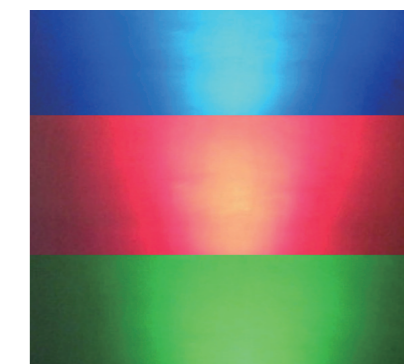


Lux distance Curve

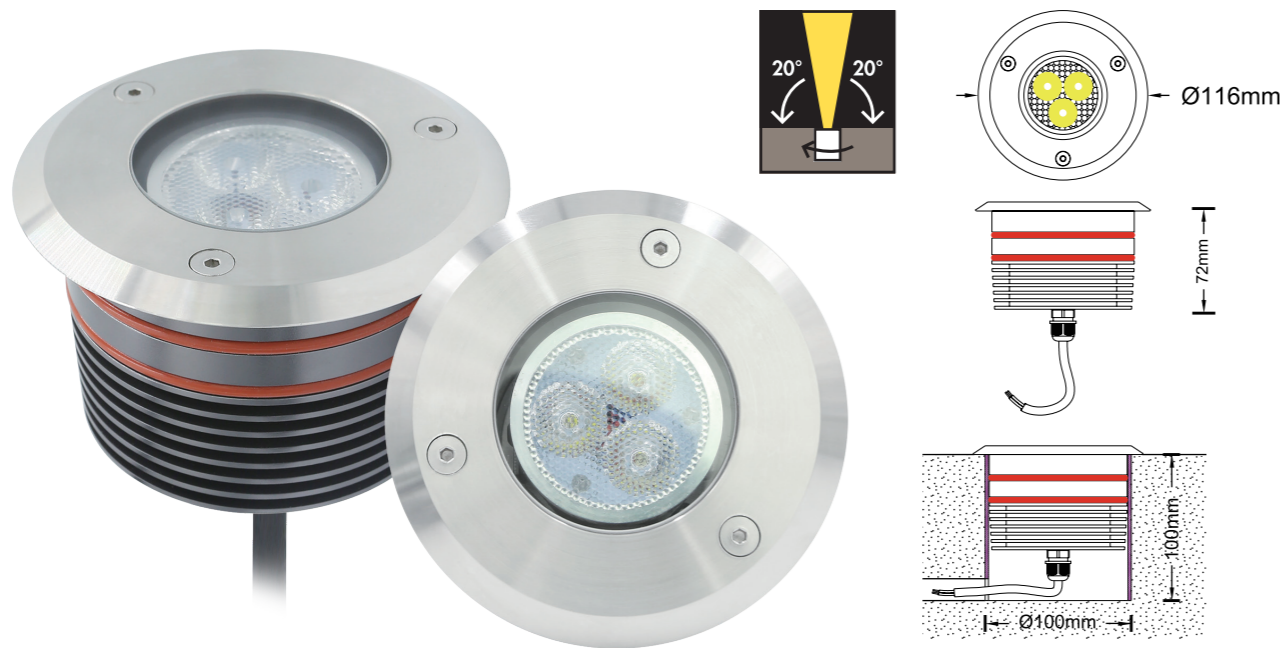
Illuminance at a Distance			
Center Beam LUX	Beam Width		V
	V	H	
1281lx	0.95606m	1.01440m	1.91112m
640.5lx	1.91212m	1.92880m	3.82224m
320.2lx	2.86818m	2.89320m	5.73336m
213.5lx	3.82424m	3.85760m	7.64448m
159.8lx	4.78030m	4.87680m	9.55560m
128.1lx	5.73636m	5.89120m	11.46672m

Beam Angle:24.7

Illumination Picture



CE RoHS COMPLIANT IP67 IK09



General Data	
Item No.	3004-RGBW
Power	12 Watts
LED type	3 PCS 4 watts 4in1 RGBW LED
Luminous flux	900 l m (ALL LEDS ON)
CCT	RGB+6000K CW or 3000K WW
CRI	70+
Beam angle	25°, 45° (Direction adjustable with 20° at max)
Dimension	116x72 (mm) Diameter x Height
Cut out	100 mm
Net weight	1.31 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 5x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=8mm.
Loading capacity	2000 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Rotatable	Manual rotating bracket max 20°+20°
Accessories	
Mounting Sleeve	Solid Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	121*121*112mm
Carton size	38*26*24 cm (12PCS / carton)

SSS 316 **Passivated** **3 Years Warranty**
Adjustable

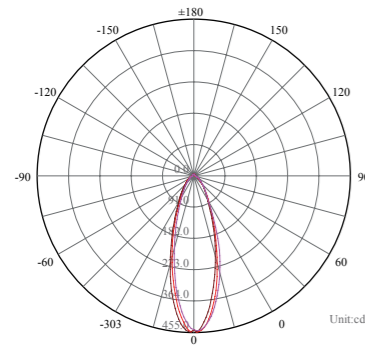
General Data	
Item No.	1201-RGB-C
Power	12 Watts
LED type	4 PCS R,4 PCS B,4 PCS G CREE LED
Luminous flux	810 lm (ALL LEDS ON)
CCT	RGB
CRI	70+
Beam angle	20°, 40°, 60° (Direction adjustable with 20° at max)
Dimension	134x76 (mm) Diameter x Height
Cut out	120 mm
Net weight	1.85 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 4x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK09
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Rotatable	Manual rotating bracket max 20°+20°
Accessories	
Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined
Packaging	
Inner box size	140*140*117 mm
Carton size	43.5*29.5*25 cm (12PCS / carton)

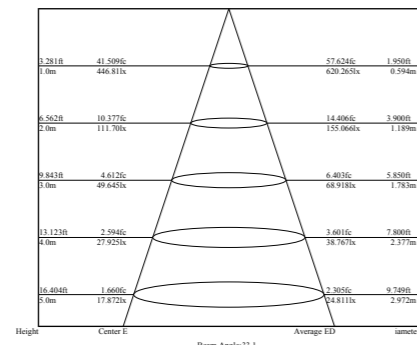
SSS 316 **Passivated** **3 Years Warranty**
Adjustable

Photometric Data (RGB+CW, 45°) & Illumination Picture

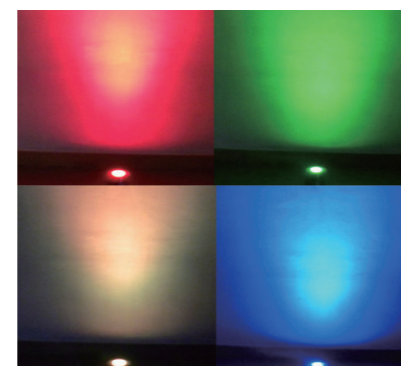
Light Distribution Curve [Unit: cd]



Lux distance Curve



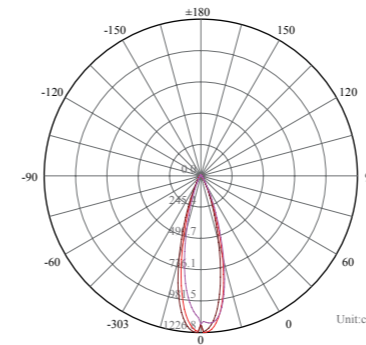
Illumination Picture



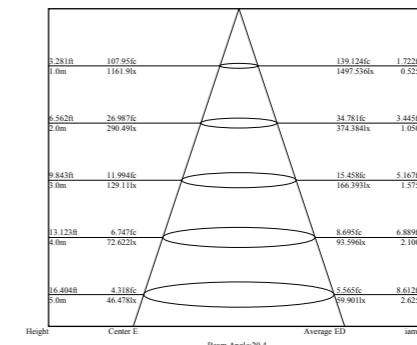
CE RoHS COMPLIANT IP67 IK09

Photometric Data (RGB, 40°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture



CE RoHS COMPLIANT IP67 IK09



UNDERWATER LIGHTS SERIES

Products Features

These products are designed with stainless steel 316 trim, stainless steel 316 housing for underwater anti-corrosion, optics PMMA lens with wonderful light output, tempered glass for high loading capacity, silicone gasket and cable gland for waterproof IP67 and high quality CREE LED, OSRAM LED, EPISTAR LED. We also use the nylon materials mounting sleeve so that it can be strong enough for recessing in the wall of the pool.

We design the underwater lights for recessed installation for pool, standing surface mounted for fountain, surface mounted for boat or pool.

These products are with CE, RoHS certifications, and the SAA, PSE, UL or ETL certifications will be available in the coming future.

Application

These lights are widely used in the underwater application, such as the pool, the fountain, boats etc.

SSS 316

Adjustable

Passivated

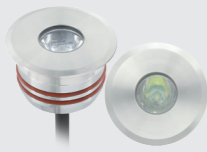

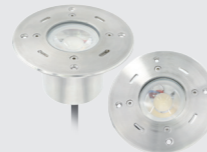






3 Years Warranty



**IP67 IK06 IK07 IK08
IK09 IK10**



UNDERWATER LIGHTS SERIES

<p>3.1 GENERAL RECESSED UNDERWATER LIGHTS SERIES</p>	 1011A 118	 3006 119	 6003 120	 3006RGB 121
 6003RGB 124				
<p>3.2 STANDING SURFACE MOUNTED UNDERWATER LIGHTS SERIES</p>	 3X2 125	 3X3RGB 126	 3001RGBW-A 127	
<p>3.3 SURFACE MOUNTED BOAT LIGHTS SERIES</p>	 6004 128			





General Data	
Item No.	-1011A
Power	1.5 Watts
LED type	1 PC CREE XPE LED
Luminous flux	90~95 lm
CCT	2700K, 3000K, 4000K, 6000K, R/G/B/A
CRI	80+
Beam angle	10°, 17°, 25°, 40°, 60°, 120° optional.
Dimension	45 x 36 (mm) Diameter x Height
Cut out	40 mm
Net weight	0.165 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V/DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Construction Data	
IP rating	IP68 Waterproof
IK rating	IK06
Housing	Stainless steel 316 as standard ,(solid Passivated (Anodizing) Aluminum CNC machined as options)
Protection finishing	20~25µm thickness anodized film for Aluminum housing .
Trim	Stainless steel 316
Glass	Step tempered Glass.T=4mm.
Loading capacity	320 kgs
Cable Gland	PG7 IP68 , Glue
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion grey PVC
Packaging	
Inner box size	95*60*55 mm
Carton size	40.5*32*30 cm (100PCS / carton)

SSS 316 **3 Years Warranty**
For inground lights and underwater lights application !



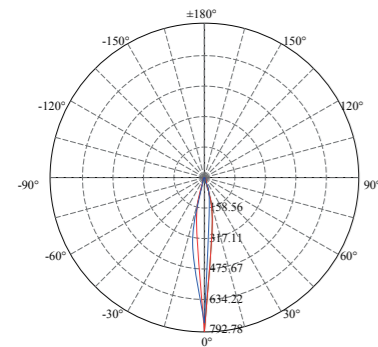
General Data	
Item No.	-3006
Power	5 Watts (9 watts as options)
LED type	1 PC 5W COB LED (9W COB LED as options)
Luminous flux	300~330 lm
CCT	2700K, 3000K, 4000K, 6000K, Blue
CRI	80+
Beam angle	25°,40°
Dimension	84 x 48 (mm) Diameter x Height
Cut out	74 mm
Net weight	0.89 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Construction Data	
IP rating	IP68 Waterproof
IK rating	IK09
Housing	Stainless steel 316
Protection finishing	/
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP68, glue
Gasket	O-ring PMQ silicone seal
Accessories	
Clip	High quality anti-corrosion Nylon PA66,CNC machined
Packaging	
Inner box size	92*92*125 mm
Carton size	29.5*20*14 cm (6PCS / carton)

SSS 316 **3 Years Warranty**

Photometric Data (3000K, 25°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
198.19 LUX	0.5m	0.5m
49.55 LUX	1.1m	1.1m
22.02 LUX	1.6m	1.6m
12.39 LUX	2.1m	2.2m
7.93 LUX	2.6m	2.7m
5.51 LUX	3.2m	3.3m

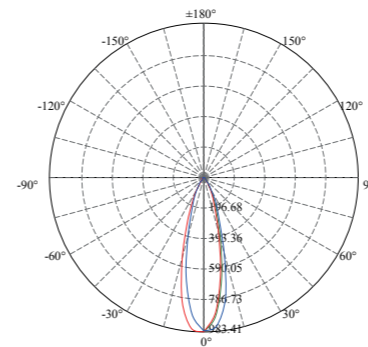
Vert.Spread:15.1 Horiz.Spread:15.4

Illumination Picture



Photometric Data (3000K, 25°) & Illumination Picture

Light Distribution Curve [Unit: cd]

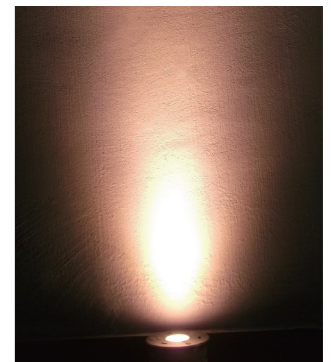


Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
245.09 LUX	1.0m	1.0m
61.27 LUX	2.0m	2.0m
27.23 LUX	3.1m	3.0m
15.32 LUX	4.1m	4.1m
9.80 LUX	5.1m	5.1m
6.81 LUX	6.1m	6.1m

Vert.Spread:28.7 Horiz.Spread:28.5

Illumination Picture





General Data	
Item No.	6003
Power	12 Watts (18 watts as options)
LED type	1 PC 12W COB LED
Luminous flux	800~900 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	30°
Dimension	120 x 68 (mm) Diameter x Height
Cut out	110 mm
Net weight	2.25 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Construction Data	
IP rating	IP68 Waterproof
IK rating	IK09
Housing	Stainless steel 316
Protection finishing	/
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP68 ,glue
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	High quality anti-corrosion Nylon PA66,CNC machined
Packaging	
Inner box size	140*140*175mm
Carton size	34*31*40 cm (8PCS / carton)

SSS 316 **3 Years Warranty**



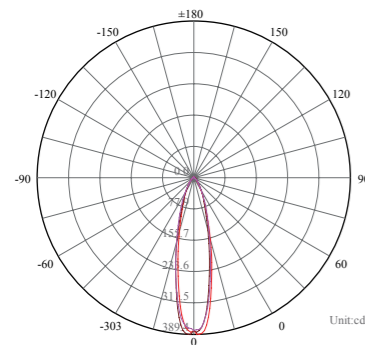
General Data	
Item No.	3006RGB
Power	9 Watts
LED type	1 PC 9W RGB COB LED
Luminous flux	540 lm (All LEDs on)
CCT	RGB
CRI	70+
Beam angle	25°,40°
Dimension	84 x 48 (mm) Diameter x Height
Cut out	74 mm
Net weight	0.96 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 4x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Construction Data	
IP rating	IP68 Waterproof
IK rating	IK09
Housing	Stainless steel 316
Protection finishing	/
Trim	Stainless steel 316
Glass	Step tempered Glass.T=10mm.
Loading capacity	2000 kgs
Cable Gland	PG9 IP68 ,glue
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	High quality anti-corrosion Nylon PA66,CNC machined
Packaging	
Inner box size	92*92*125 mm
Carton size	29.5*20*14 cm (6PCS / carton)

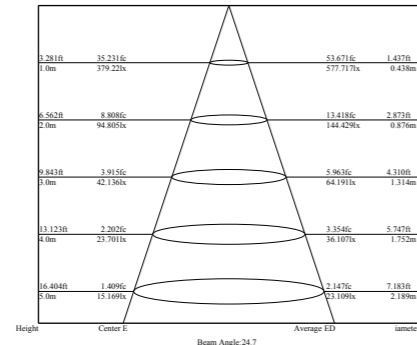
SSS 316 **3 Years Warranty**

Photometric Data (3000K, 30°) & Illumination Picture

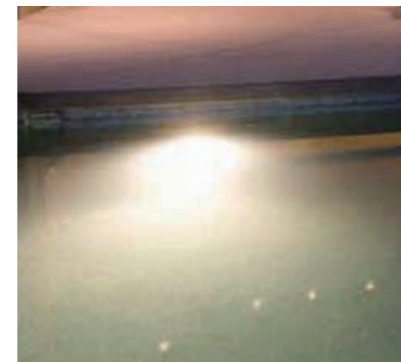
Light Distribution Curve [Unit: cd]



Lux distance Curve

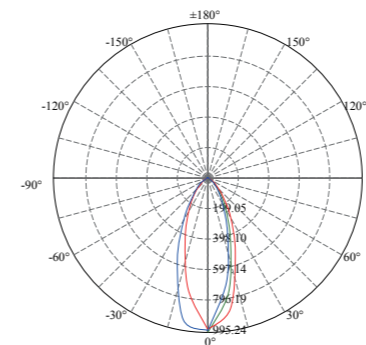


Illumination Picture

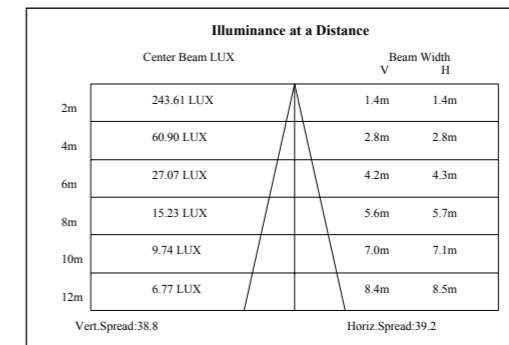


Photometric Data (RGB, 25°) & Illumination Picture

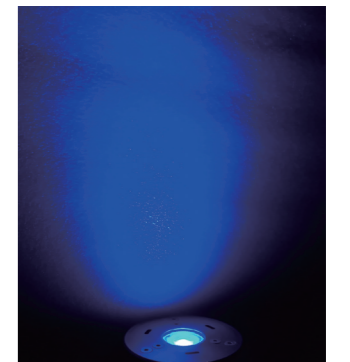
Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture







GARDEN SPOT LIGHTS SERIES

Products Features

These products are designed with solid 6063 Aluminum housing CNC machined for better cooling performance, with passivated (anodizing) anti-corrosion finishing for housing, optics PMMA lens or reflector with wonderful light output, tempered glass for high loading capacity, silicone gasket and cable gland for waterproof IP67 and high quality CREE LED, EPISTAR LED.

We make several series of garden spot lights to meet different application with different power, color, beam angle, and the spot lights with replaceable GU10 lamp or MR16 lamp are available.

These products are with CE, RoHS certifications, and the SAA, PSE, UL or ETL certifications will be available in the coming future.

Application

These lights are widely used in the exterior or interior application, such as lighting columns, walls, architectural features, landscape features for the hotel, the garden, the park, the trees, the flowers etc.

Passivated

3 Years Warranty



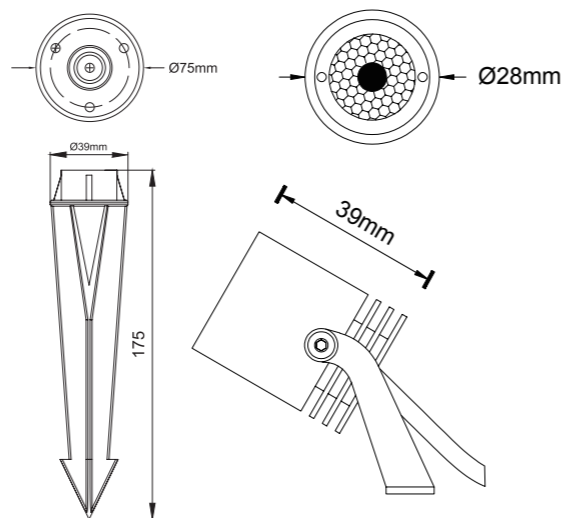
IP67 IK04



GARDEN SPOT LIGHTS SERIES

<p>4.1 GENERAL GARDEN SPOT LIGHTS SERIES</p>	 <p>1004 136</p>	 <p>4002 137</p>	 <p>1010 138</p>	 <p>1010A 139</p>
 <p>1010B 142</p>	 <p>1012 143</p>	 <p>1012-A 144</p>	 <p>15W-COB-BH 145</p>	
<p>4.2 RGB, RGBW GARDEN SPOT LIGHTS SERIES</p>	 <p>1010RGB 148</p>	 <p>1012RGBW 149</p>		
<p>4.3 GU10, MR16 GARDEN SPOT LIGHTS SERIES</p>	 <p>1012-GU10-A-70 150</p>	 <p>1012-GU10-A-56 151</p>	 <p>1012-MR16-A-56 152</p>	

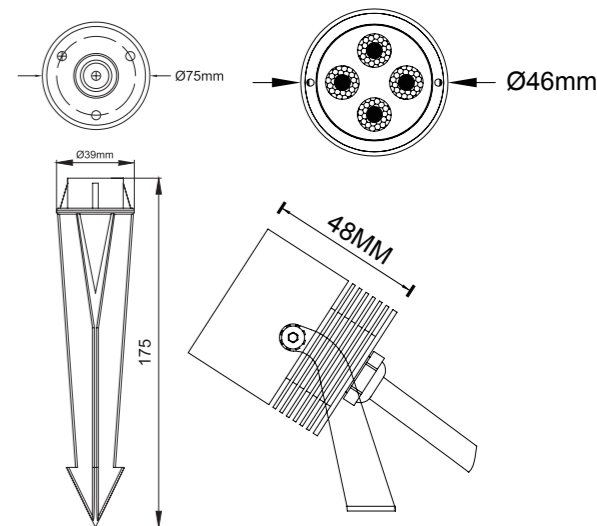




General Data	
Item No.	1004
Power	3 Watts (1 watt as optional)
LED type	1 PC 3W CREE XPE LED (1W LED as optional)
Luminous flux	90~100 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	15°, 25°, 38°, 45°, 60°
Dimension	28 x 39 (mm) Diameter x Height
Cut out	/
Net weight	0.097 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V/DC24V
Insulation class	Class III
Cable	1PC PVC cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK04
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .
Trim	Passivated (Anodizing) Aluminum
Glass	Step tempered Glass.T=4mm.
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	With PVC spike as spike spot lights (Standard)
Round base	With SS304 round base for wall mounting (optional)
Packaging	
Inner box size	95*60*55 mm
Carton size	32*31*24.5 cm (60PCS / carton)

Passivated 3 Years Warranty



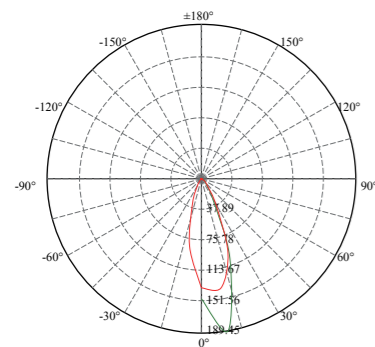
General Data	
Item No.	4002
Power	4 Watts
LED type	4 PCS 1W CREE XPE LED
Luminous flux	320~370 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	25°, 40°, 60°
Dimension	46x48 (mm) Diameter x Height
Cut out	/
Net weight	0.246 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	Low voltage constant current output, excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK04
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Passivated (Anodizing) Aluminum
Glass	Step tempered Glass.T=4mm.
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	With PVC spike as spike spot lights (Standard)
Round base	With SS304 round base for wall mounting (optional)
Packaging	
Inner box size	95*65*65 mm
Carton size	40*34.5*28 cm (80PCS / carton)

Passivated 3 Years Warranty

Photometric Data (3000K, 38°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Center Beam LUX	Beam Width	
V	V	H
2m	33.42 LUX	1.1m 1.0m
4m	8.35 LUX	2.2m 2.0m
6m	3.71 LUX	3.3m 3.0m
8m	2.09 LUX	4.3m 4.0m
10m	1.34 LUX	5.4m 5.1m
12m	0.93 LUX	6.5m 6.1m

Vert. Spread: 30.4 Horiz. Spread: 28.4

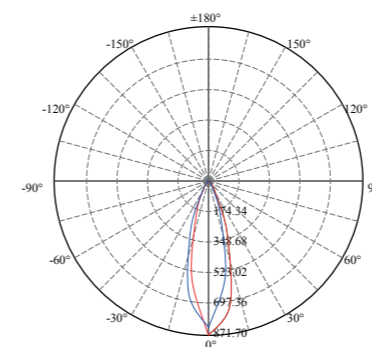
Illumination Picture



CE RoHS COMPLIANT IP67 IK04

Photometric Data (3000K, 25°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Center Beam LUX	Beam Width	
V	V	H
2m	217.93 LUX	1.1m 1.1m
4m	54.48 LUX	2.2m 2.1m
6m	24.21 LUX	3.3m 3.2m
8m	13.62 LUX	4.5m 4.3m
10m	8.72 LUX	5.6m 5.3m
12m	6.05 LUX	6.7m 6.4m

Vert. Spread: 31.2 Horiz. Spread: 29.9

Illumination Picture



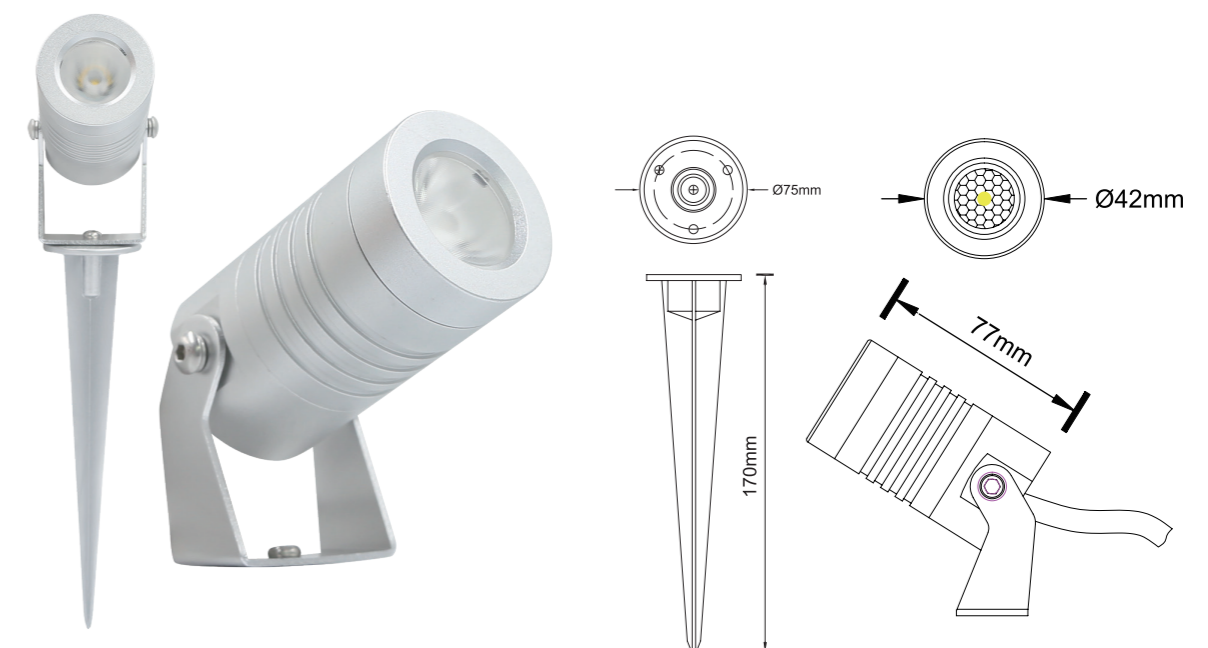
CE RoHS COMPLIANT IP67 IK04



General Data	
Item No.	1010
Power	5 Watts
LED type	1 PC 5W COB LED
Luminous flux	350~400 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	15°, 25°
Dimension	42 x 77 (mm) Diameter x Height
Cut out	/
Net weight	0.29 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC95-265V as standard (DC 12V or DC 24V as optional)
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK04
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey standard, silver color as options.
Trim	Passivated (Anodizing) Aluminum
Glass	Step tempered Glass.T=3mm.
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	With PVC spike as spike spot lights (Standard)
Round base	With SS304 round base for wall mounting (optional)
Packaging	
Inner box size	116*95*48 mm
Carton size	49*25*16 cm (30 PCS / carton)

Passivated 3 Years Warranty



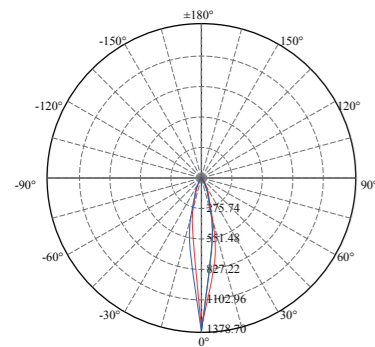
General Data	
Item No.	1010A
Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	110~130 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	20°, 30°, 40°, 60°
Dimension	42 x 77 (mm) Diameter x Height
Cut out	/
Net weight	0.29 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC95-265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK04
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Silver color standard, dark grey color as options.
Trim	Passivated (Anodizing) Aluminum
Glass	Step tempered Glass.T=3mm.
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	With Aluminium spike as spike spot lights (Standard)
Round base	With SS304 round base for wall mounting (optional)
Packaging	
Inner box size	116*95*48 mm
Carton size	49*25*16 cm (30 PCS / carton)

Passivated 3 Years Warranty

Photometric Data (3000K, 25°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	334.45 LUX	0.6m x 0.6m
4m	83.61 LUX	1.3m x 1.2m
6m	37.16 LUX	1.9m x 1.8m
8m	20.90 LUX	2.5m x 2.4m
10m	13.38 LUX	3.2m x 3.0m
12m	9.29 LUX	3.8m x 3.6m

Vert. Spread: 17.9 Horiz. Spread: 17.3

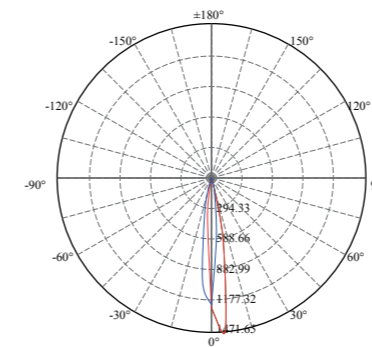
Illumination Picture



CE RoHS COMPLIANT IP67 IK04

Photometric Data (3000K, 20°) & Illumination Picture

Light Distribution Curve [Unit: cd]

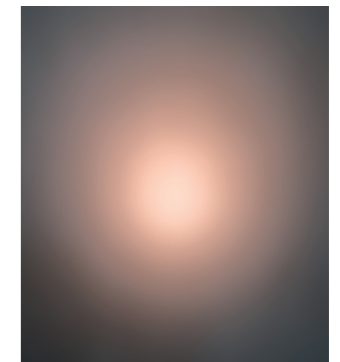


Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	308.51 LUX	0.4m x 0.4m
4m	77.13 LUX	0.9m x 0.8m
6m	34.28 LUX	1.3m x 1.3m
8m	19.28 LUX	1.7m x 1.7m
10m	12.34 LUX	2.2m x 2.1m
12m	8.57 LUX	2.6m x 2.5m

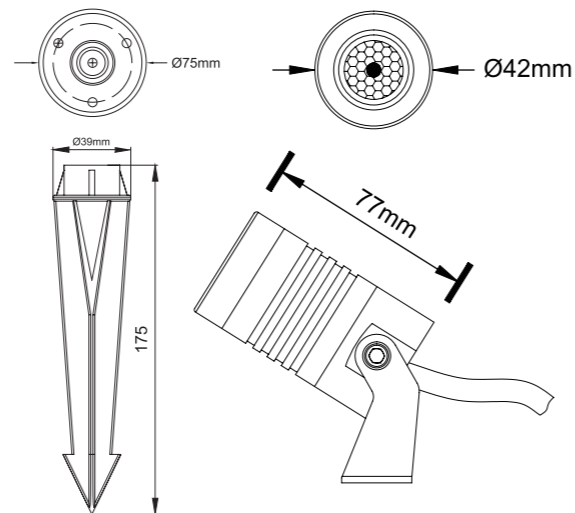
Vert. Spread: 12.4 Horiz. Spread: 12.0

Illumination Picture



CE RoHS COMPLIANT IP67 IK04

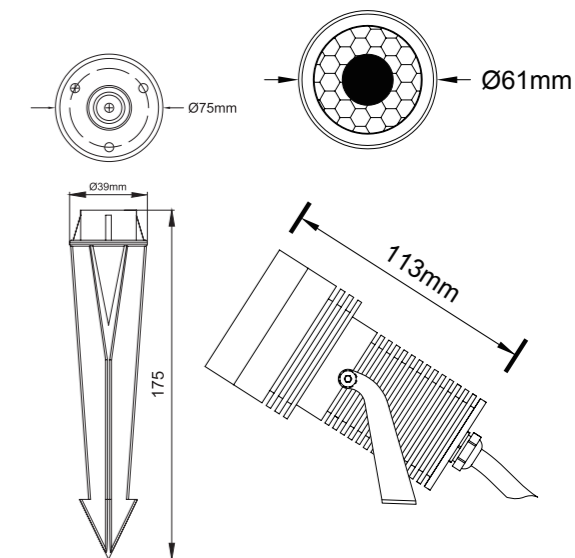




General Data	
Item No.	1010B
Power	5 Watts
LED type	1 PC 5W CREE XTE LED
Luminous flux	330~360 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	20°, 30°, 40°, 60°
Dimension	42 x 77 (mm) Diameter x Height
Cut out	/
Net weight	0.29 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC95-265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK04
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Silver color standard, dark grey color as options.
Trim	Passivated (Anodizing) Aluminum
Glass	Step tempered Glass.T=3mm.
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	With Aluminium spike as spike spot lights (Standard)
Round base	With SS304 round base for wall mounting (optional)
Packaging	
Inner box size	116*95*48 mm
Carton size	49*25*16 cm (30 PCS / carton)

Passivated 3 Years Warranty



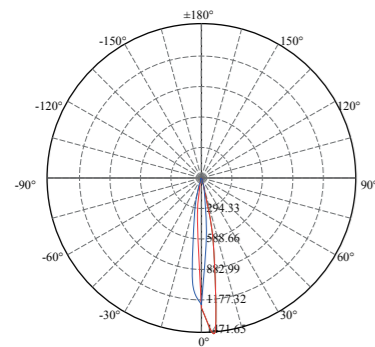
General Data	
Item No.	1012
Power	8 Watts
LED type	1 PC 8W COB LED
Luminous flux	560~640 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	25°, 40°, 60°
Dimension	61 x 95 (mm) Diameter x Height
Cut out	/
Net weight	0.42 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC95-265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK04
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey standard,silver color as options.
Trim	Passivated (Anodizing) Aluminum
Glass	Step tempered Glass.T=3mm.
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	With PVC spike as spike spot lights (Standard)
Round base	With SS304 round base for wall mounting (optional)
Packaging	
Inner box size	130*115*80mm
Carton size	36.5*28*26cm (18PCS / carton)

Passivated 3 Years Warranty

Photometric Data (3000K, 20°) & Illumination Picture

Light Distribution Curve [Unit: cd]

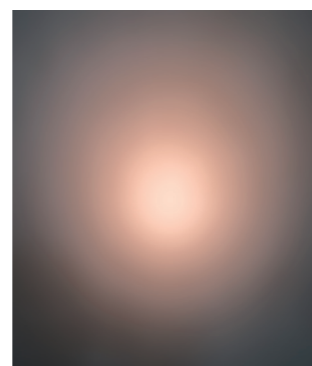


Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
308.51 LUX	0.4m	0.4m
77.13 LUX	0.9m	0.8m
34.28 LUX	1.3m	1.3m
19.28 LUX	1.7m	1.7m
12.34 LUX	2.2m	2.1m
8.57 LUX	2.6m	2.5m

Vert.Spread:12.4 Horiz.Spread:12.0

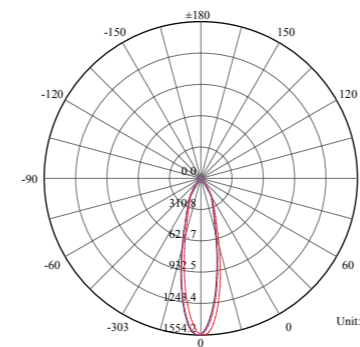
Illumination Picture



CE RoHS COMPLIANT IP67 IK04

Photometric Data (3000K, 25°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Center L	Beam Angle 26.1		Average ED	sumter
	Height	Beam Angle 26.1		
1.281m	143.736	213.1836	1.8206	
2.0m	154.716	228.7076	0.4636	
3.562m	35.9336	53.2966	3.0406	
5.0m	386.796	573.8776	0.9276	
8.843m	15.4736	23.0876	4.5616	
9.0m	171.916	254.9676	1.3966	
13.123m	8.9836	13.3246	6.0816	
4.0m	96.6976	143.4196	1.8536	
16.0848m	5.7896	6.5276	7.6816	
9.0m	61.8866	91.7886	2.3176	

Illumination Picture



CE RoHS COMPLIANT IP67 IK04



General Data	
Item No.	1012A
Power	12 Watts
LED type	1 PC 12W COB LED
Luminous flux	1150~1250 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	25°, 40°, 60°
Dimension	61 x 113 (mm) Diameter x Height
Cut out	/
Net weight	0.5 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC95-265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK04
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey standard,silver color as options.
Trim	Passivated (Anodizing) Aluminum
Glass	Step tempered Glass.T=3mm.
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	With PVC spike as spike spot lights (Standard)
Round base	With SS304 round base for wall mounting (optional)
Packaging	
Inner box size	130*115*80mm
Carton size	36.5*28*26cm (18PCS / carton)

Passivated 3 Years Warranty



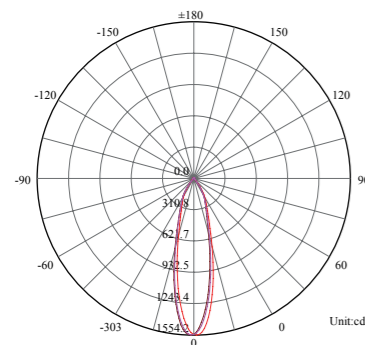
General Data	
Item No.	15W-COB-BH
Power	15 Watts
LED type	1 PC 15W COB LED
Luminous flux	1200~1350 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	25°, 38°, 60°
Dimension	61 x 100 (mm) Diameter x Height
Cut out	/
Net weight	0.58 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC95-265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK04
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey standard,silver color as options.
Trim	Passivated (Anodizing) Aluminum
Glass	Step tempered Glass.T=3mm.
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	With PVC spike as spike spot lights (Standard)
Round base	With SS304 round base for wall mounting (optional)
Packaging	
Inner box size	130*115*80mm
Carton size	36.5*28*26cm (18PCS / carton)

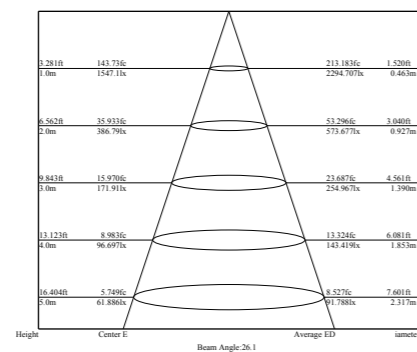
Passivated 3 Years Warranty

Photometric Data (3000K, 25°) & Illumination Picture

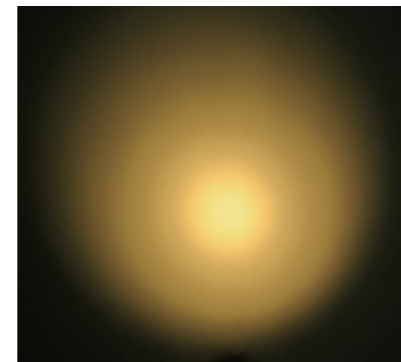
Light Distribution Curve [Unit: cd]



Lux distance Curve

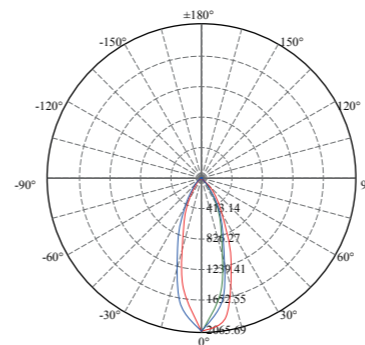


Illumination Picture



Photometric Data (3000K, 25°) & Illumination Picture

Light Distribution Curve [Unit: cd]

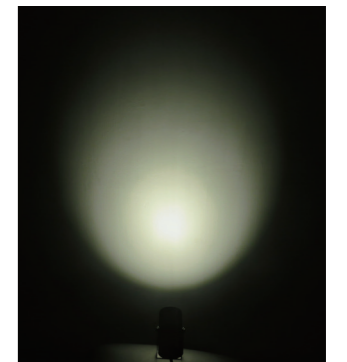


Lux distance Curve

Height	Illuminance at a Distance	
	Center Beam LUX	Beam Width V
2m	511.69 LUX	1.4m 1.3m
4m	127.92 LUX	2.7m 2.6m
6m	56.85 LUX	4.1m 3.9m
8m	31.98 LUX	5.4m 5.2m
10m	20.47 LUX	6.8m 6.6m
12m	14.21 LUX	8.2m 7.9m

Vert.Spread:37.6 Horiz.Spread:36.3

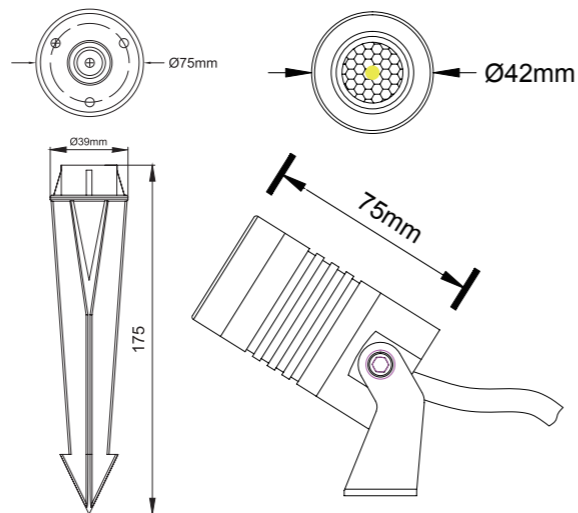
Illumination Picture



CE RoHS COMPLIANT IP67 IK04

CE RoHS COMPLIANT IP67 IK04

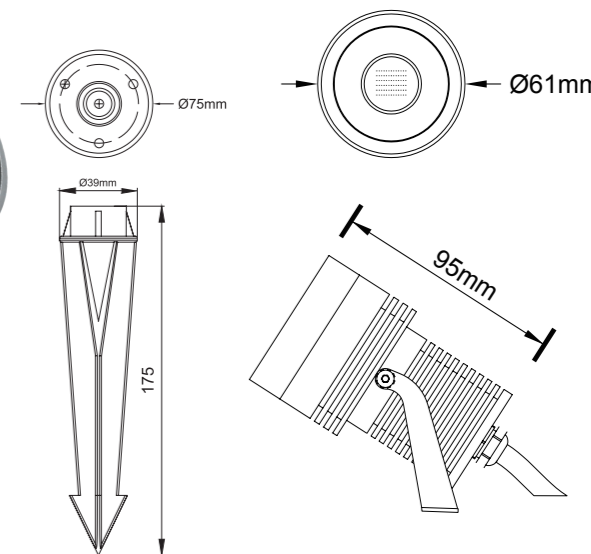




General Data	
Item No.	1010RGB
Power	9 Watts
LED type	1 PC 9W RGB COB LED
Luminous flux	300 lm (ALL RGB LEDS ON)
CCT	RGB
CRI	70+
Beam angle	25° (Optional 38°)
Dimension	42 x 75 (mm) Diameter x Height
Cut out	/
Net weight	0.38 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 4x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK04
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey standard,silver color as options.
Trim	Passivated (Anodizing) Aluminum
Glass	Step tempered Glass.T=3mm.
Loading capacity	220 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	With PVC spike as spike spot lights (Standard)
Round base	With SS304 round base for wall mounting (optional)
Packaging	
Inner box size	116*95*48 mm
Carton size	49*25*16 cm (30 PCS / carton)

Passivated 3 Years Warranty



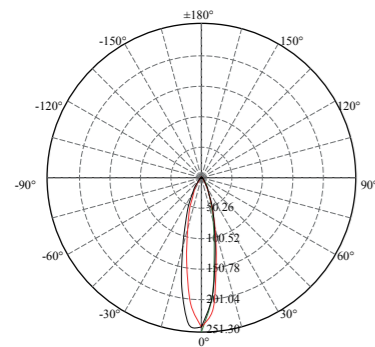
General Data	
Item No.	1012RGBW
Power	12 Watts
LED type	1 PC 12W 4in1 RGBW COB LED
Luminous flux	810 lm (ALL RGBW LEDS ON)
CCT	RGB+CW6000K as standard (RGB+WW3000K as options)
CRI	70+
Beam angle	30°
Dimension	61 x 95 (mm) Diameter x Height
Cut out	/
Net weight	0.52 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 5x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK04
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey standard,silver color as options.
Trim	Passivated (Anodizing) Aluminum
Glass	Step tempered Glass.T=3mm.
Loading capacity	220 kgs
Cable Gland	PG9 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	With PVC spike as spike spot lights (Standard)
Round base	With SS304 round base for wall mounting (optional)
Packaging	
Inner box size	130*115*80mm
Carton size	36.5*28*26cm (18PCS / carton)

Passivated 3 Years Warranty

Photometric Data (RGB, 25°) & Illumination Picture

Light Distribution Curve [Unit: cd]

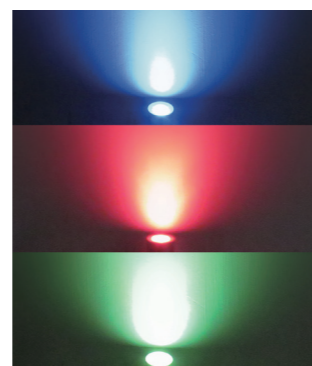


Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
60.71 LUX	0.8m	0.9m
15.18 LUX	1.7m	1.8m
6.75 LUX	2.5m	2.7m
3.79 LUX	3.3m	3.6m
2.43 LUX	4.2m	4.5m
1.69 LUX	5.0m	5.4m

Vert.Spread:23.5 Horiz.Spread:25.3

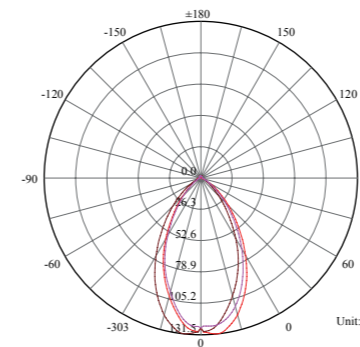
Illumination Picture



CE RoHS COMPLIANT IP67 IK04

Photometric Data (RGB+CW6000K, 30°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

Center Beam LUX	Beam Width	
	V	H
11.885	1.1m	1.171m
2.923	1.7m	1.82m
1.296	2.5m	2.72m
0.786	3.3m	3.52m
0.488	4.2m	4.52m
0.323	5.0m	5.44m

Beam Angle:60.7

Illumination Picture



CE RoHS COMPLIANT IP67 IK04



General Data	
Item No.	1012-GU10-A-70
Power	/
LED type	Without GU10 lamp as standard, with GU10 lamp as options.
Luminous flux	/ for fitting GU10 lamp with totally height 70mm at max (including pins)
CCT	/
CRI	/
Beam angle	/
Dimension	61 x 100 (mm) Diameter x Height
Cut out	/
Net weight	0.53 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC 90~265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	/

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK04
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Passivated (Anodizing) Aluminum
Glass	Step tempered Glass.T=3mm.
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	With PVC spike as spike spot lights (Standard)
Round base	With SS304 round base for wall mounting (optional)
Packaging	
Inner box size	130*115*80 mm
Carton size	36.5*28*26cm (18PCS each carton)

Passivated **3 Years Warranty**



General Data	
Item No.	1012-GU10-A-56
Power	/
LED type	Without GU10 lamp as standard, with GU10 lamp as options.
Luminous flux	/ for fitting GU10 lamp with totally height 56mm at max (including pins)
CCT	/
CRI	/
Beam angle	/
Dimension	61 x 100 (mm) Diameter x Height
Cut out	/
Net weight	0.48 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC 90~265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	/

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK04
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Passivated (Anodizing) Aluminum
Glass	Step tempered Glass.T=3mm.
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	With PVC spike as spike spot lights (Standard)
Round base	With SS304 round base for wall mounting (optional)
Packaging	
Inner box size	130*115*80 mm
Carton size	36.5*28*26cm (18PCS each carton)

Passivated **3 Years Warranty**

Application Picture



CE RoHS COMPLIANT IP67 IK04

Application Picture



CE RoHS COMPLIANT IP67 IK04



General Data	
Item No.	.1012-MR16-A-56
Power	/
LED type	Without MR16 lamp as standard, with MR16 lamp as options.
Luminous flux	/ for fitting MR16 lamp with totally height 56mm at max (including pins)
CCT	/
CRI	/
Beam angle	/
Dimension	61 x 88(mm) Diameter x Height
Cut out	/
Net weight	0.53 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 2x0.75mm square
Driver	/

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK04
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Passivated (Anodizing) Aluminum
Glass	Step tempered Glass.T=3mm.
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	With PVC spike as spike spot lights (Standard)
Round base	With SS304 round base for wall mounting (optional)
Packaging	
Inner box size	130*115*80 mm
Carton size	36.5*28*26cm (18PCS each carton)

Passivated **3 Years Warranty**

Application Picture



CE RoHS COMPLIANT IP67 IK04



WALL LIGHTS SERIES

Products Features

These products are designed with special design milky white glass trim or the plated aluminium trim, Aluminum housing ,with passivated (anodizing) anti-corrosion finishing for housing or anodized / plated aluminium housing, optics PMMA lens with wonderful light output,silicone gasket and cable gland for waterpooof IP65 or IP67 and high quality CREE LED, EPISTAR LED.

We make several series of wall lights to meet different application,and even the wall lights with lithium battery that's used as emergency lights, the wall lights with touched controlled trim for dimming,turning off or on series are available.

These products are with CE,RoHS certifications,and the SAA,PSE,UL or ETL certifications will be available in the coming future.

Application

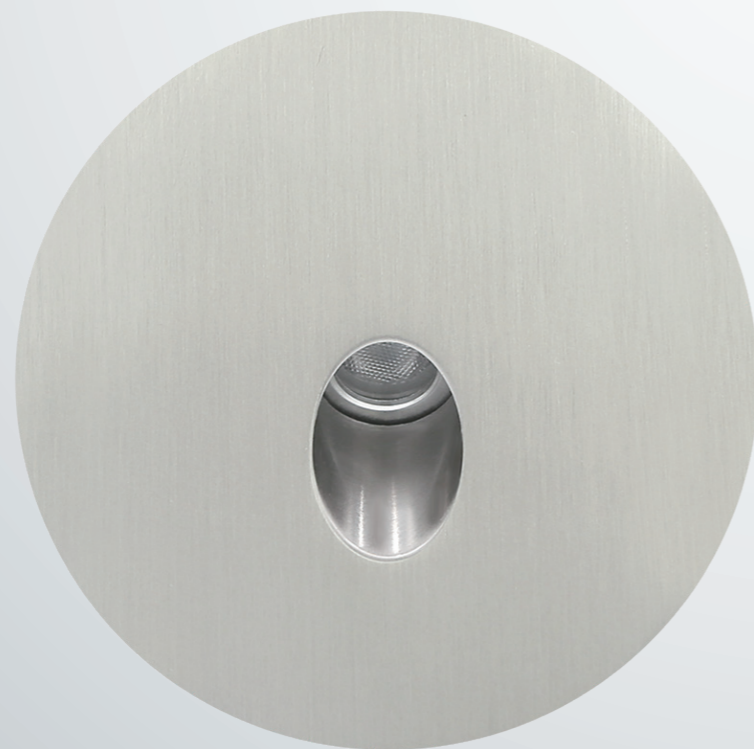
These lights are widely used in the exterior or interior application,such as lighting stairs, corner of walls for the house, hotel, the garden,the park etc.

Passivated

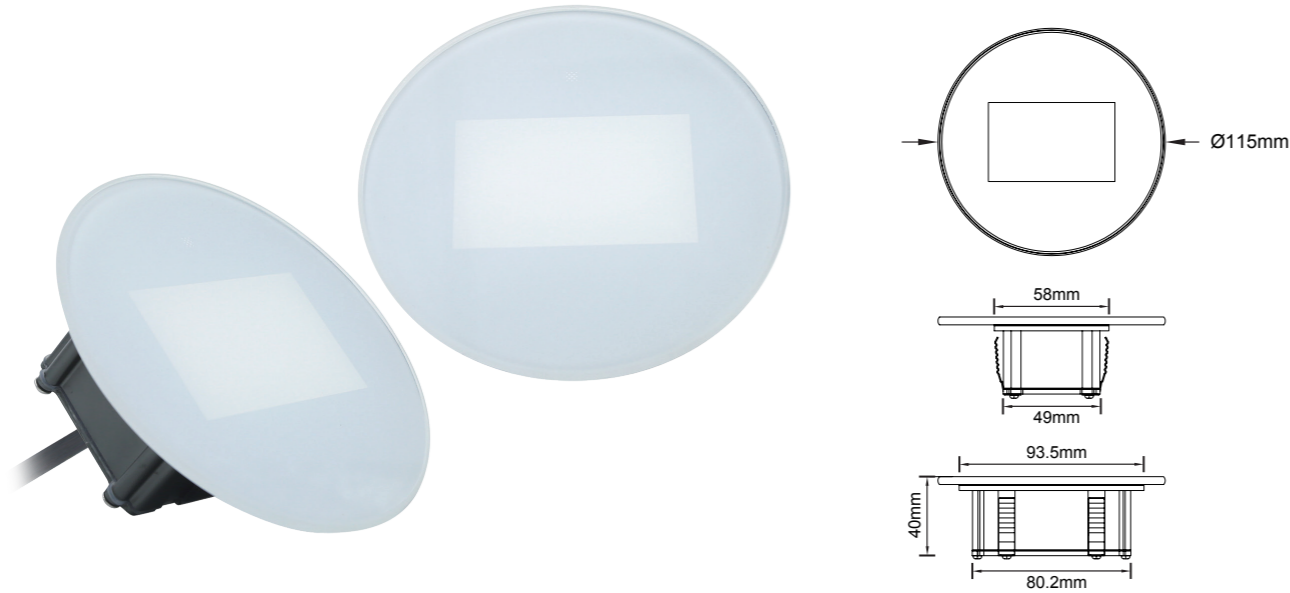
3 Years Warranty



IP65 IP67 IK06



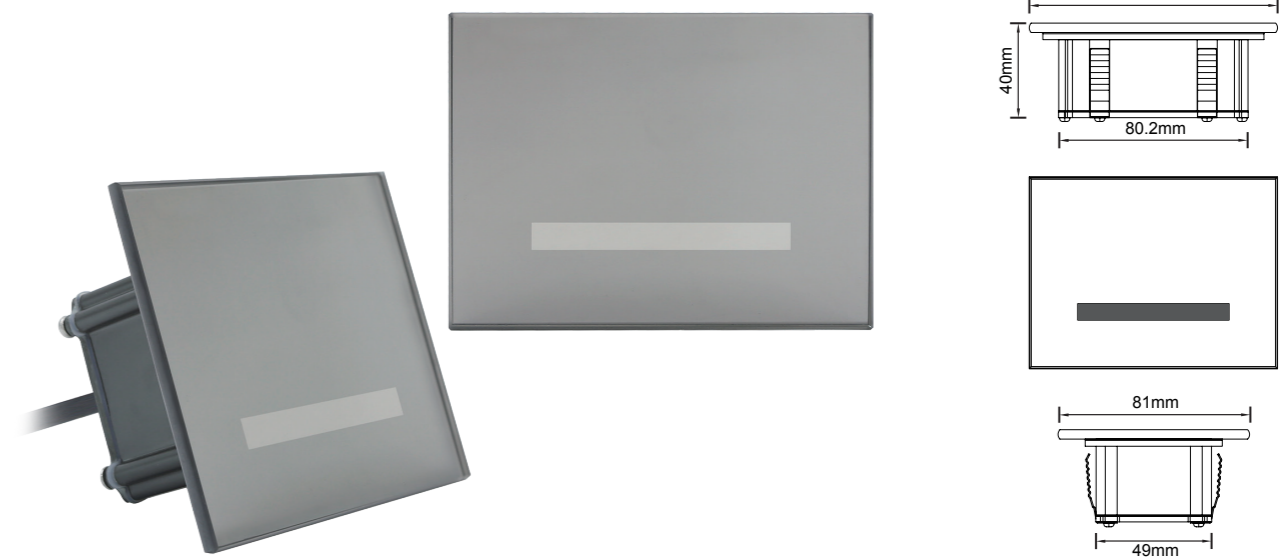




General Data	
Item No.	010
Power	4 Watts
LED type	30 pcs 2835 SMD LED
Luminous flux	100~120 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	120°
Dimension	115 x 81 x 40 x (mm) Diameter x Length x Height
Cut out	57.5 mm
Net weight	0.322 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC100~240V
Insulation class	Class I
Cable	1 x cable 0.3 M H05RN-F 3x0.75mm square to open wires
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	tempered glass painted in milky white
Glass	Tempered Glass.T=4mm.
Loading capacity	320 kgs
Cable Gland	PG7 IP67
Gasket	Flat PMQ silicone seal
Accessories	
Mounting Sleeve	Aluminum
Packaging	
Inner box size	130*105*80 mm
Carton size	54x28.5x34 cm (32 PCS items each carton)

Passivated 3 Years Warranty



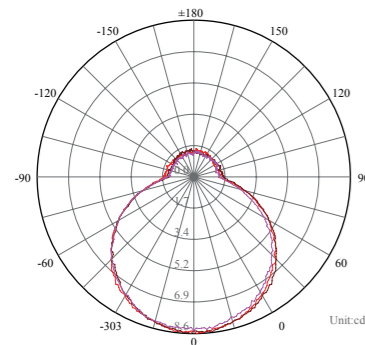
General Data	
Item No.	009
Power	6 Watts
LED type	8 PCS CREE XTE LED
Luminous flux	95~120 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	120° (Asymmetrical downward beam)
Dimension	105x81x40 mm (Length x Wide x Height)
Cut out	100 x 58 x 50 mm
Net weight	0.369 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC100~240V
Insulation class	Class I
Cable	1 x cable 0.3 M H05RN-F 3x0.75mm square to open wires
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Tempered glass painted in black
Glass	Tempered Glass.T=4mm.
Loading capacity	320 kgs
Cable Gland	PG7 IP67
Gasket	Flat PMQ silicone seal
Accessories	
Mounting Sleeve	Aluminium
Packaging	
Inner box size	130*105*80 mm
Carton size	54x28.5x34 cm (32 PCS items each carton)

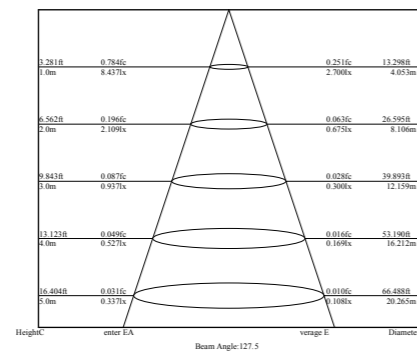
Passivated 3 Years Warranty

Photometric Data (3000K, 120°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve



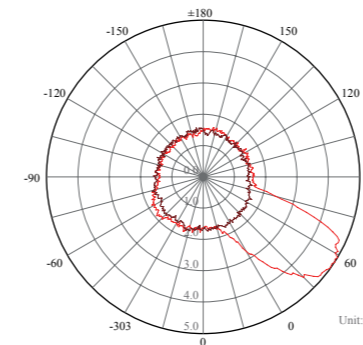
Illumination Picture



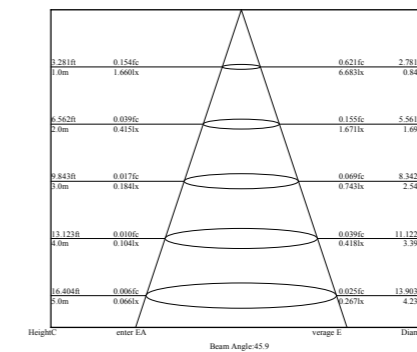
CE RoHS COMPLIANT IP65 IK06

Photometric Data (3000K, 120°) & Illumination Picture

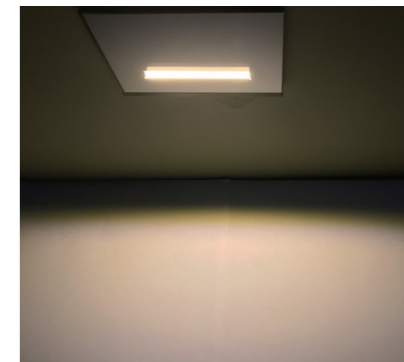
Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture



CE RoHS COMPLIANT IP65 IK06

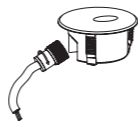




General Data	
Item No.	-006 PC
Power	1.2 Watts (3 watts as optional)
LED type	1 PC CREE XPE LED (WW, NW, CW.1 Watt to 3 Watt optional)
Luminous flux	75~80 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	30°
Dimension	70 x 34.5 (mm) Diameter x Height
Cut out	62 mm
Net weight	0.225 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V / DC24V
Insulation class	Class III
Cable	1 x cable 0.3 M H05RN-F 2x0.5mm square to open wires
Driver	Low voltage constant current output ,excluding the transformer. (With separately driver for options)

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Polished chrome Aluminium
Protection finishing	Polished chrome
Trim	Polished chrome Aluminium
Glass	Tempered glass
Loading capacity	320 kgs
Cable Gland	IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion PVC. Grey.
Packaging	
Inner box size	75*75*65 mm
Carton size	40*17.5*15.5 cm (20 PCS items each carton)

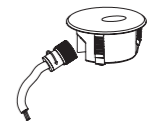
3 Years Warranty
Replaceable LED module !



General Data	
Item No.	-006 SN
Power	1.2 Watts (3 watts as optional)
LED type	1 PC CREE XPE LED (WW, NW, CW.1 Watt to 3 Watt optional)
Luminous flux	75~80 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	30°
Dimension	70 x 34.5 (mm) Diameter x Height
Cut out	62 mm
Net weight	0.225 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V / DC24V
Insulation class	Class III
Cable	1 x cable 0.3 M H05RN-F 2x0.5mm square to open wires
Driver	Low voltage constant current output ,excluding the transformer (With separately driver for options)

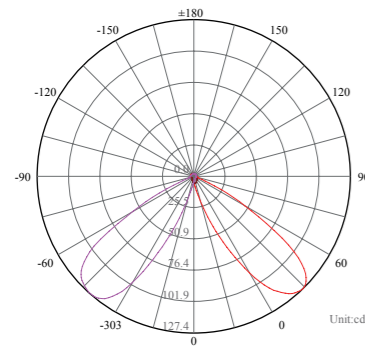
Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Satin Nickel Aluminium
Protection finishing	Satin Nickel
Trim	Satin Nickel Aluminium
Glass	Tempered glass
Loading capacity	320 kgs
Cable Gland	IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion PVC. Grey.
Packaging	
Inner box size	75*75*65 mm
Carton size	40*17.5*15.5 cm (20 PCS items each carton)

3 Years Warranty
Replaceable LED module !

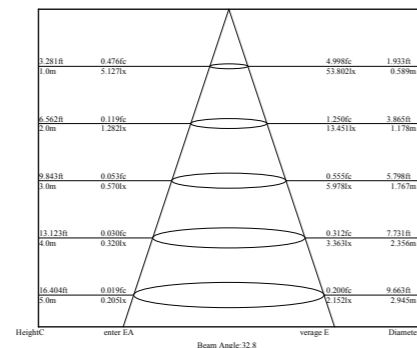


Photometric Data (3000K, 30°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve

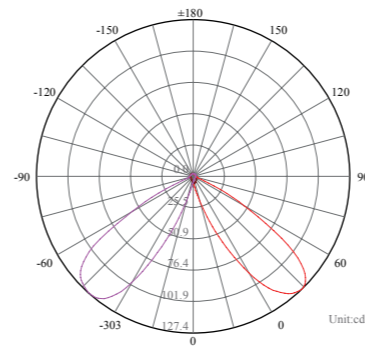


Illumination Picture

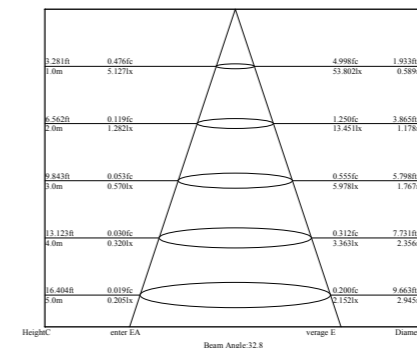


Photometric Data (3000K, 30°) & Illumination Picture

Light Distribution Curve [Unit: cd]

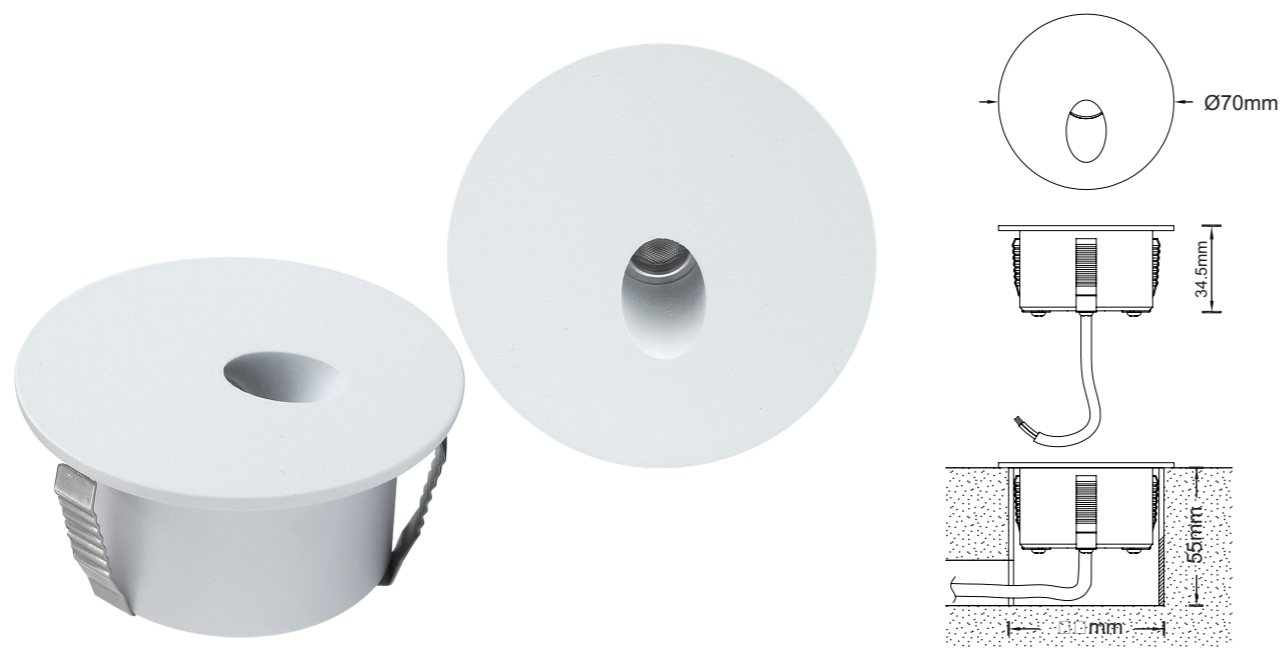


Lux distance Curve



Illumination Picture

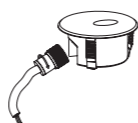




General Data	
Item No.	006 PW
Power	1.2 Watts (3 watts as optional)
LED type	1 PC CREE XPE LED (WW, NW, CW.1 Watt to 3 Watt optional)
Luminous flux	75~80 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	30°
Dimension	70 x 34.5 (mm) Diameter x Height
Cut out	62 mm
Net weight	0.225 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V / DC24V
Insulation class	Class III
Cable	1 x cable 0.3 M H05RN-F 2x0.5mm square to open wires
Driver	Low voltage constant current output ,excluding the transformer (With separately driver for options)

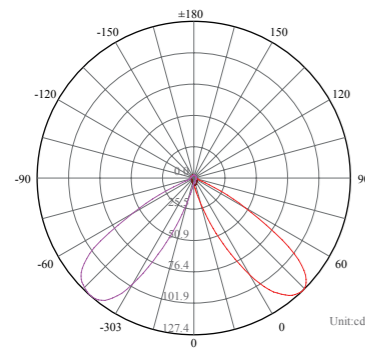
Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Powder coated painting in white color Aluminium
Protection finishing	Powder coated painting in white color
Trim	Powder coated painting in white color Aluminium
Glass	Tempered glass
Loading capacity	320 kgs
Cable Gland	IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	Anti-corrosion PVC. Grey.
Packaging	
Inner box size	75*75*65 mm
Carton size	40*17.5*15.5 cm (20 PCS items each carton)

3 Years Warranty
Replaceable LED module !

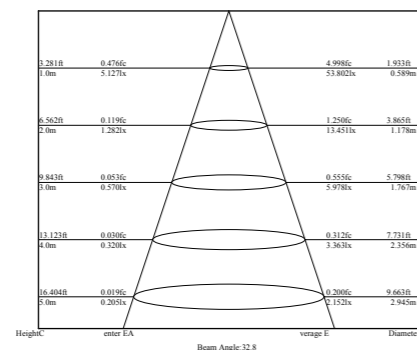


Photometric Data (3000K, 30°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture

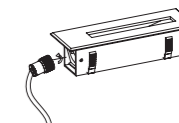


CE RoHS COMPLIANT IP67 IK06

General Data	
Item No.	007 PC
Power	3 Watts
LED type	1 PC CREE XPE LED
Luminous flux	110~130 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	30°
Dimension	165 x 55 x 42 (mm) Diameter x Width x Height
Cut out	147 x 40 x 45 mm (Length x Width x Height)
Net weight	0.365 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V / DC24V
Insulation class	Class III
Cable	1 x cable 0.3 M H05RN-F 2x0.5mm square to open wires
Driver	Low voltage constant current output ,excluding the transformer (With separately driver for options)

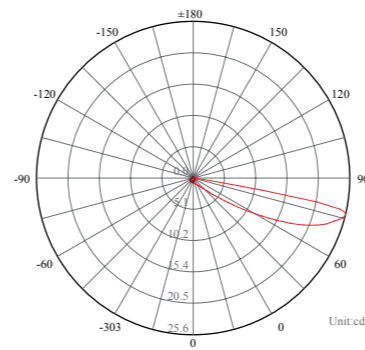
Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Polished chrome Aluminium
Protection finishing	Polished chrome
Trim	Polished chrome Aluminium
Glass	Tempered glass
Loading capacity	320 kgs
Cable Gland	IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	/
Packaging	
Inner box size	185*70*70 mm
Carton size	39.5*37.5*16.5 cm (10 PCS items each carton)

3 Years Warranty
Replaceable LED module !

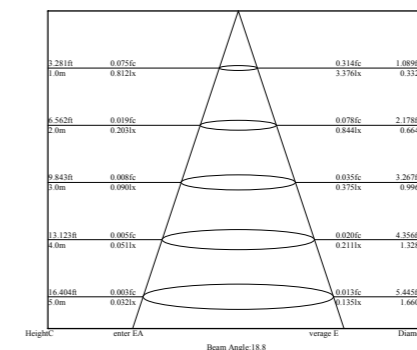


Photometric Data (3000K, 30°) & Illumination Picture

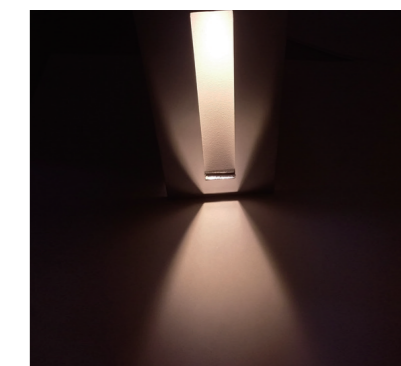
Light Distribution Curve [Unit: cd]



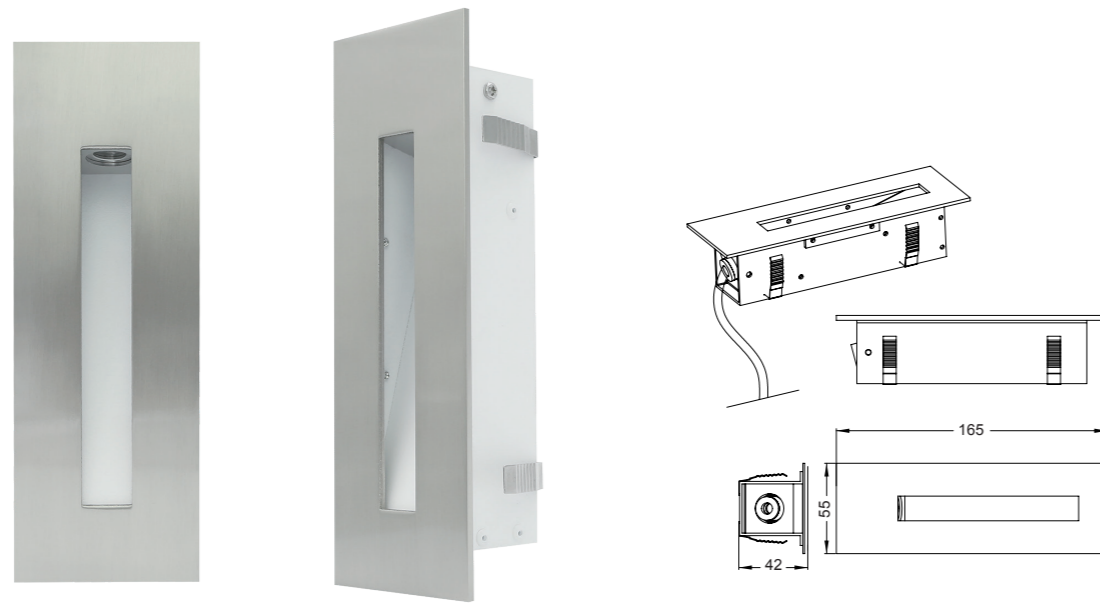
Lux distance Curve



Illumination Picture



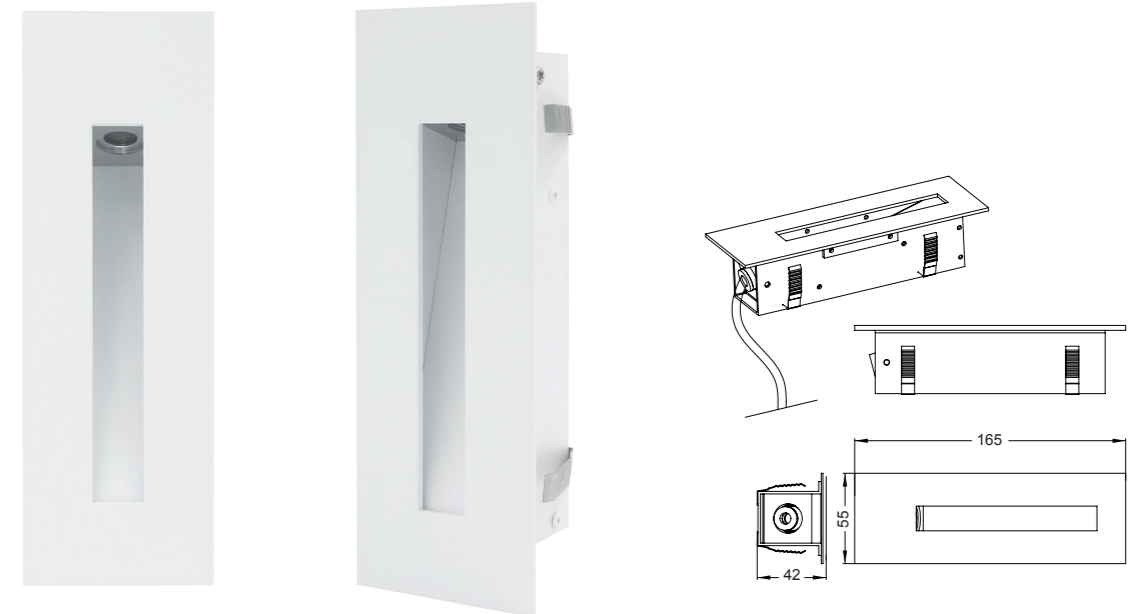
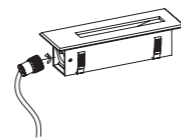
CE RoHS COMPLIANT IP67 IK06



General Data	
Item No.	-007 SN
Power	3 Watts
LED type	1 PC CREE XPE LED
Luminous flux	110~130 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	30°
Dimension	165 x 55 x 42 (mm) Diameter x Width x Height
Cut out	147 x 40 x 45 mm (Length x Width x Height)
Net weight	0.365 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V / DC24V
Insulation class	Class III
Cable	1 x cable 0.3 M H05RN-F 2x0.5mm square to open wires
Driver	Low voltage constant current output ,excluding the transformer (With separately driver for options)

Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Satin Nickel Aluminium
Protection finishing	Satin Nickel
Trim	Satin Nickel Aluminium
Glass	Tempered glass
Loading capacity	320 kgs
Cable Gland	IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	/
Packaging	
Inner box size	185*70*70 mm
Carton size	39.5*37.5*16.5 cm (10 PCS items each carton)

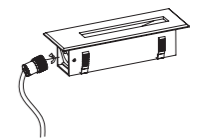
3 Years Warranty
Replaceable LED module !



General Data	
Item No.	-007 PW
Power	3 Watts
LED type	1 PC CREE XPE LED
Luminous flux	110~130 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	30°
Dimension	165 x 55 x 42 (mm) Diameter x Width x Height
Cut out	147 x 40 x 45 mm (Length x Width x Height)
Net weight	0.365 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V / DC24V
Insulation class	Class III
Cable	1 x cable 0.3 M H05RN-F 2x0.5mm square to open wires
Driver	Low voltage constant current output ,excluding the transformer (With separately driver for options)

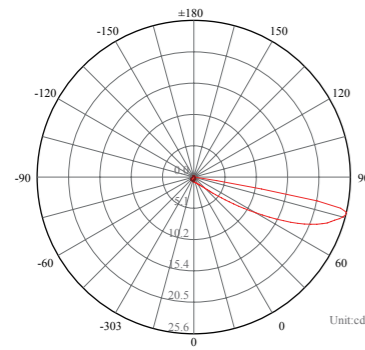
Construction Data	
IP rating	IP67 Waterproof
IK rating	IK06
Housing	Powder coated painting in white color Aluminium
Protection finishing	Powder coated painting in white color
Trim	Powder coated painting in white color Aluminium
Glass	Tempered glass
Loading capacity	320 kgs
Cable Gland	IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Mounting Sleeve	/
Packaging	
Inner box size	185*70*70 mm
Carton size	39.5*37.5*16.5 cm (10 PCS items each carton)

3 Years Warranty
Replaceable LED module !

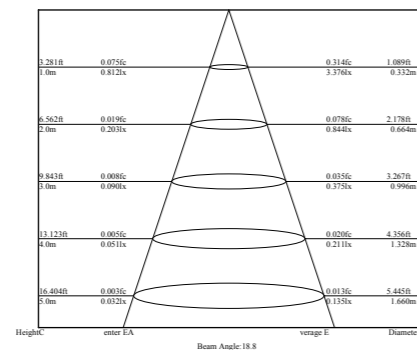


Photometric Data (3000K, 30°) & Illumination Picture

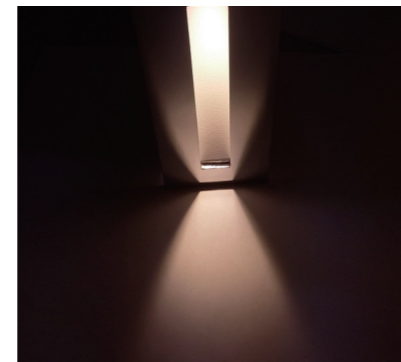
Light Distribution Curve [Unit: cd]



Lux distance Curve

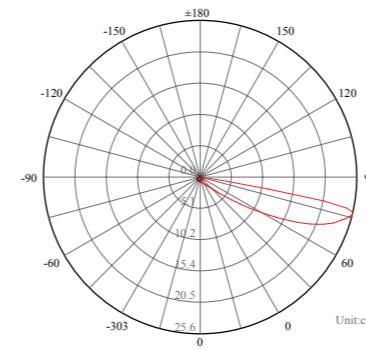


Illumination Picture

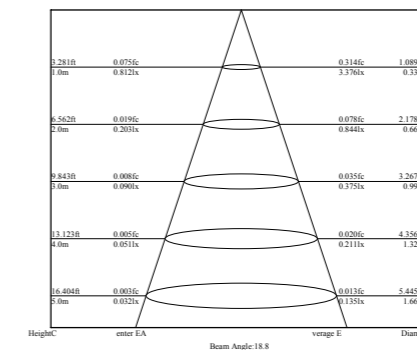


Photometric Data (3000K, 30°) & Illumination Picture

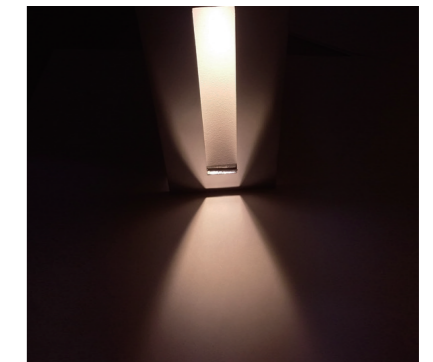
Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture



CE RoHS COMPLIANT IP67 IK06

CE RoHS COMPLIANT IP67 IK06









特准入沙面大桥
车辆通行标志

LED PROJECTOR LIGHTING SERIES

Products Features

These products are designed with die-casting aluminium ,with powder coated painting anti-corrosion finishing for housing in black color, optics PMMA lens with wonderful light output, tempered glass for high loading capacity,silicone gasket and cable gland for waterproof IP65 and high quality OSRAM LED,good quality built-in constant current driver.

These products are with CE,RoHS certifications,and the SAA,PSE,UL or ETL certifications will be available in the coming future.

Application







These lights are widely used in the exterior application,such as lighting columns, walls,trees,architectural features ,landscape features for the hotel, the garden,the park,the building etc.



3 Years Warranty

CE  IP65 IK04

LED PROJECTOR LIGHTING SERIES

<p>7.1 LED PROJECTOR LIGHTING SERIES</p>	 <p>7001-AH 202</p>	 <p>1701-AH 203</p>	 <p>3601-AH/FL-3601-RGB 204</p>	 <p>1201-AH 205</p>
 <p>1201-BH 206</p>	 <p>1201-CH 207</p>			





General Data	
Item No.	:7001-AH
Power	7 Watts as standard (14 watts optional)
LED type	7 PCS 1W OSRAM LED
Luminous flux	600lm ~650lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	10°, 15°, 20°, 25°, 30°, 40°, 45°, 60°
Dimension	150 x 160 x 87 (mm) Diameter x Height x Thickness
Cut out	/
Net weight	1.21 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC90V-265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting Aluminium
Protection finishing	Powder coated painting in black color
Trim	Die-casting Aluminium
Glass	Tempered glass.T=4mm
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	With Aluminium spike as options
Packaging	
Inner box size	160*100*175 mm
Carton size	42.5*34*20 cm (8 PCS / carton)

3 Years Warranty



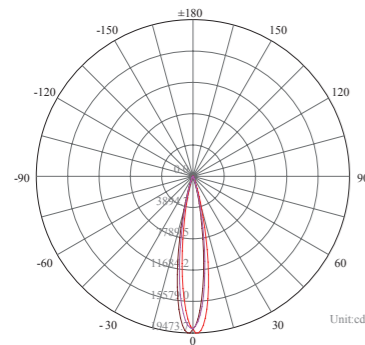
General Data	
Item No.	:1701-AH
Power	17 Watts as standard (34 watts optional)
LED type	17 PCS 1W OSRAM LED
Luminous flux	1450lm ~1550lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	10°, 15°, 20°, 25°, 30°, 40°, 45°, 60°
Dimension	181x 218 x 87 (mm) Diameter x Height x Thickness
Cut out	/
Net weight	1.76 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC90V-265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting Aluminium
Protection finishing	Powder coated painting in black color
Trim	Die-casting Aluminium
Glass	Tempered glass.T=4mm
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone seal
Accessories	
Bracket	With Aluminium spike as options
Packaging	
Inner box size	250*220*120 mm
Carton size	52*44*26.5 cm (8 PCS / carton)

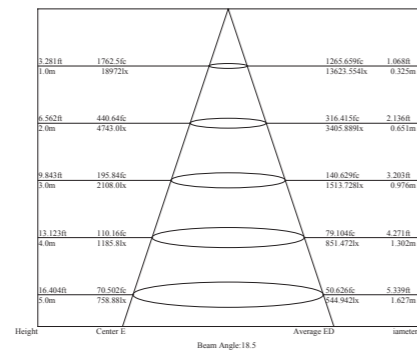
3 Years Warranty

Photometric Data (3000K, 30°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve



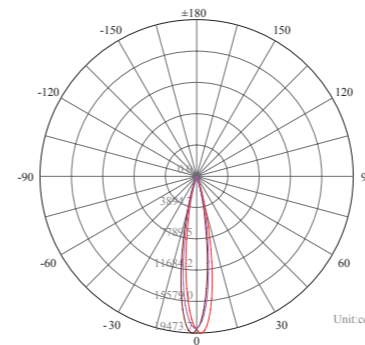
Illumination Picture



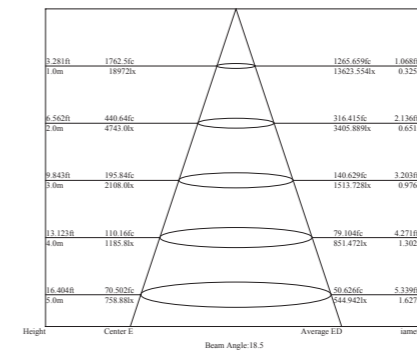
CE RoHS COMPLIANT IP65 IK04

Photometric Data (3000K, 30°) & Illumination Picture

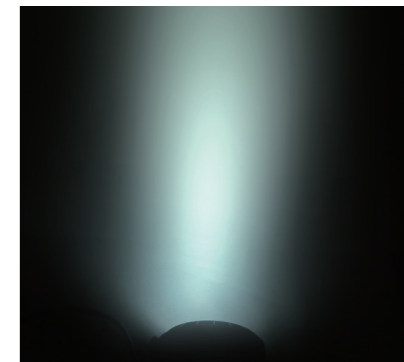
Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture



CE RoHS COMPLIANT IP65 IK04



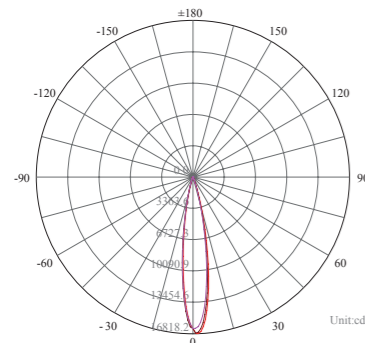
General Data	
Item No.	3601-AH / FL3601-RGB
Power	36 Watts / 36 Watts
LED type	36 PCS 1W OSRAM LED / RGB 12PCS Red LED, 12 PCS Green LED, 12PCS Blue LED OSRAM LED
Luminous flux	2950lm ~3100 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	10°, 15°, 20°, 25°, 30°, 40°, 45°, 60°
Dimension	250 x 295 x 87 (mm) Diameter x Height x Thickness
Cut out	/
Net weight	2.35 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC90V-265V
Insulation class	Class I
Cable	1PC rubber cable 1.5M H05RN-F 3 or 4 x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting Aluminium
Protection finishing	Powder coated painting in black color
Trim	Die-casting Aluminium
Glass	Tempered glass.T=4mm
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	With Aluminium spike as options
Packaging	
Inner box size	320*300*160 mm
Carton size	62*32*18.5 cm (4 PCS / carton)

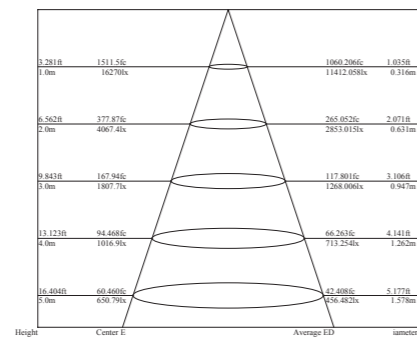
3 Years Warranty

Photometric Data (3000K, 30°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture



CE RoHS COMPLIANT IP65 IK04



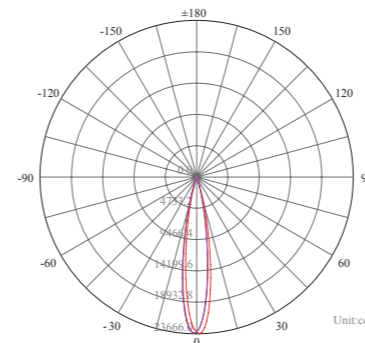
General Data	
Item No.	1201-AH
Power	12 Watts as standard (24 watt as optional)
LED type	12 PCS 1W OSRAM LED
Luminous flux	1000~1100 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	10°, 15°, 20°, 25°, 30°, 40°, 45°, 60°
Dimension	140 x 255 (mm) Diameter x Height
Cut out	/
Net weight	1.86 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC90V-265V
Insulation class	Class I
Cable	1PC PVC cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting Aluminium
Protection finishing	Powder coated painting in black color
Trim	Die-casting Aluminium
Glass	Tempered glass.T=4mm
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Round Base	With round base that's for mounting on the ground and for wires connecting inside the base
Shield	With shield that's for anti-glare
Packaging	
Inner box size	220*220*280 mm
Carton size	46*46*30.5 cm (8PCS / carton)

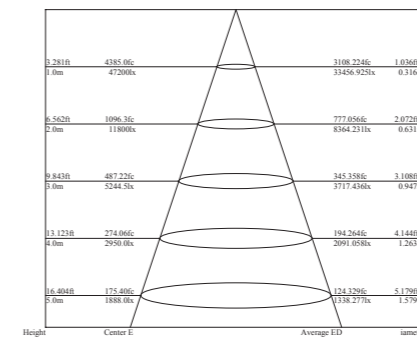
3 Years Warranty

Photometric Data (3000K, 30°) & Illumination Picture

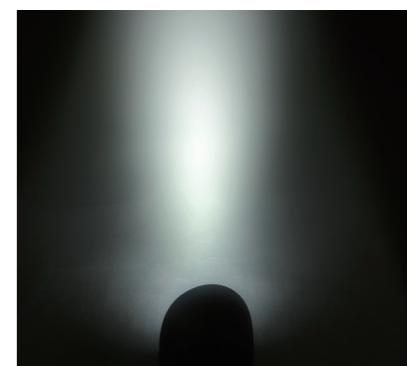
Light Distribution Curve [Unit: cd]



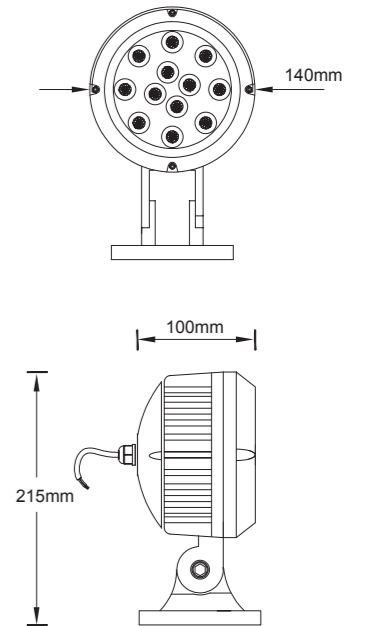
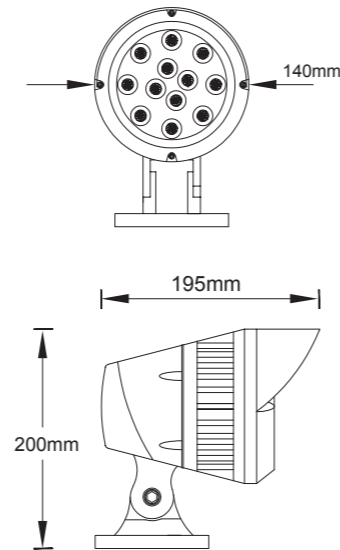
Lux distance Curve



Illumination Picture



CE RoHS COMPLIANT IP65 IK04



General Data	
Item No.	1201-BH
Power	12 Watts as standard (24 watt as optional)
LED type	12 PCS 1W OSRAM LED
Luminous flux	1000~1100 lm
CCT	2700K, 3000K, 4000K, 6000K
CRI	80+
Beam angle	10°, 15°, 20°, 25°, 30°, 40°, 45°, 60°
Dimension	140 x 200 (mm) Diameter x Height
Cut out	/
Net weight	1.55 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC90V-265V
Insulation class	Class I
Cable	1PC PVC cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting Aluminium
Protection finishing	Powder coated painting in black color
Trim	Die-casting Aluminium
Glass	Tempered glass.T=4mm
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Round Base	With round base that's for mounting on the ground
Shield	With shield that's for anti-glare
Packaging	
Inner box size	220*160*220 mm
Carton size	66.5*46*24.5 cm (8PCS / carton)

3 Years Warranty

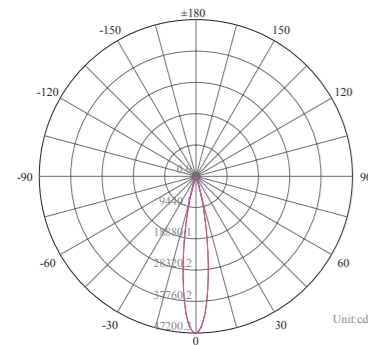
General Data	
Item No.	1201-CH
Power	12 Watts as standard (24 watt as optional)
LED type	12 PCS 1W OSRAM LED
Luminous flux	1000~1100 lm
CCT	2700K,3000K, 4000K, 6000K
CRI	80+
Beam angle	10°, 15°, 20°, 25°, 30°, 40°, 45°, 60°
Dimension	140 x 215 (mm) Diameter x Height
Cut out	/
Net weight	1.45 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC90V-265V
Insulation class	Class I
Cable	1PC PVC cable 1.5M H05RN-F 3x0.75mm square
Driver	Built-in high voltage constant current driver with transformer

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting Aluminium
Protection finishing	Powder coated painting in black color
Trim	Die-casting Aluminium
Glass	Tempered Glass.T=4mm
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Round Base	With round base that's for mounting on the ground
Packaging	
Inner box size	150*150*230 mm
Carton size	48*32*25.5 cm (8PCS / carton)

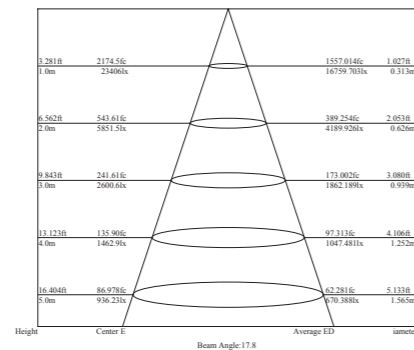
3 Years Warranty

Photometric Data (3000K, 30°) & Illumination Picture

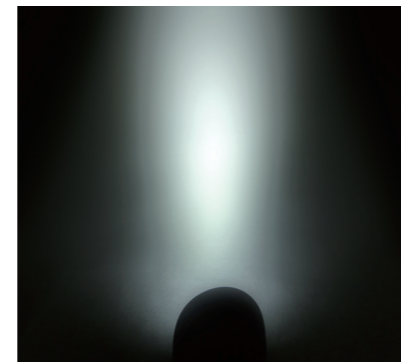
Light Distribution Curve [Unit: cd]



Lux distance Curve

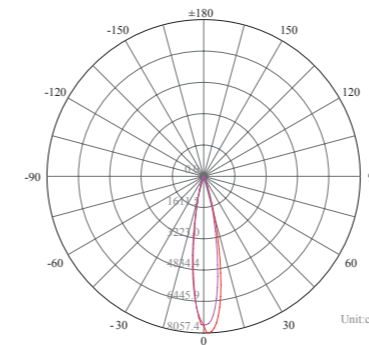


Illumination Picture

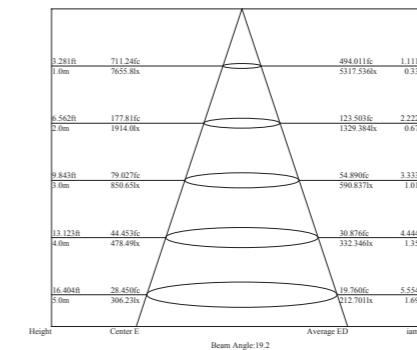


Photometric Data (3000K, 30°) & Illumination Picture

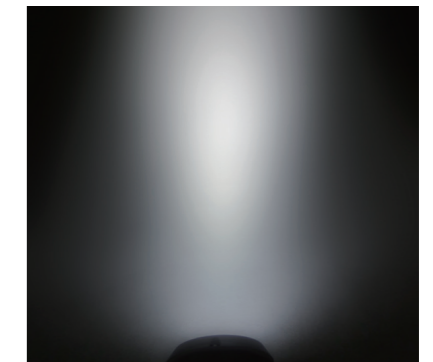
Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture







LED WALL WASHER AND LED LINEAR LIGHTS SERIES

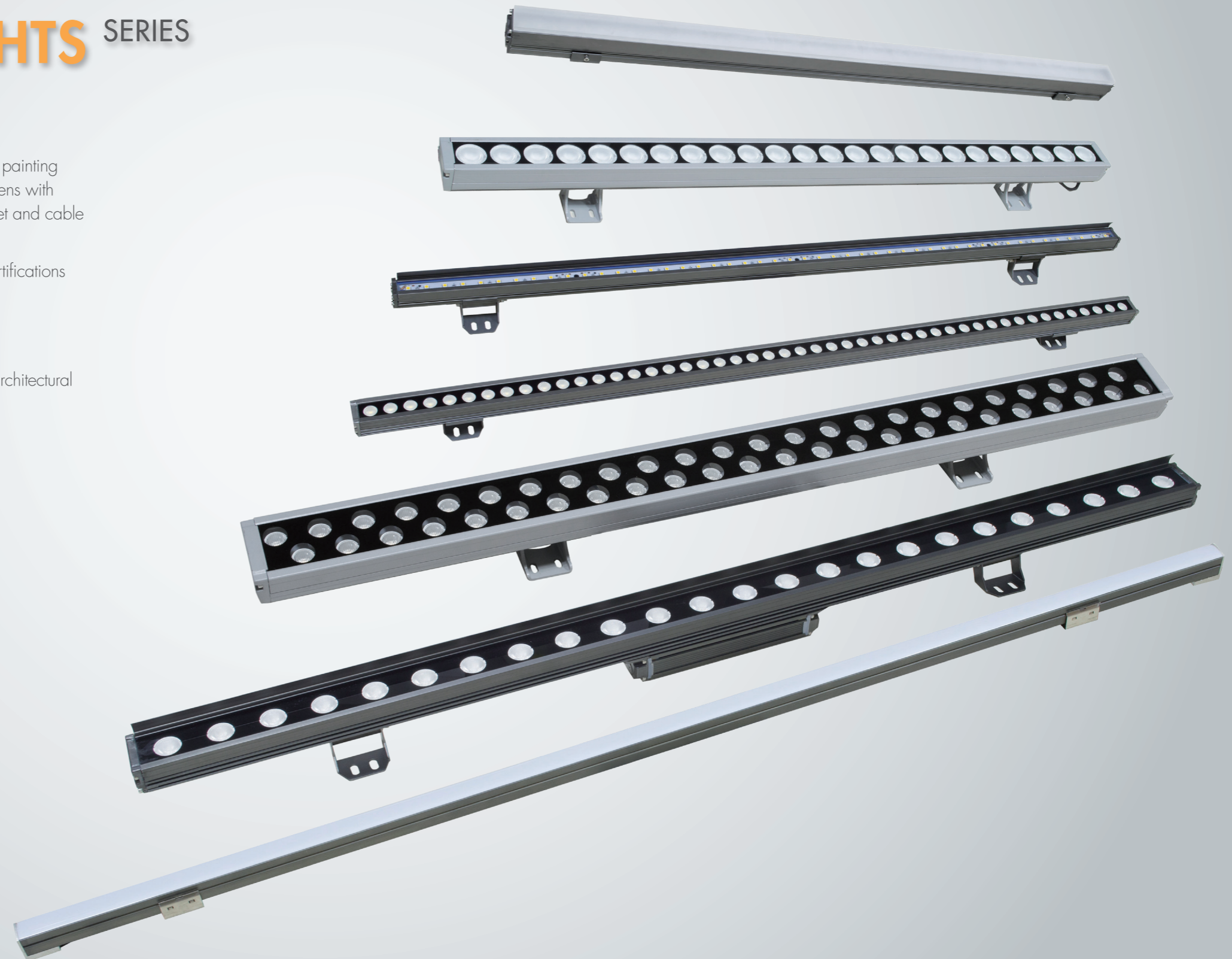
Products Features

These products are designed with die-casting aluminium ,with powder coated painting anti-corrosion finishing for housing in black color or grey color, optics PMMA lens with wonderful light output, tempered glass for high loading capacity,silicone gasket and cable gland for waterpoo IP65 and high quality OSRAM LED.

These products are with CE,RoHS certifications,and the SAA,PSE,UL or ETL certifications will be available in the coming future.

Application

These lights are widely used in the exterior application,such as lighting walls,architectural features ,landscape features for the hotel, the garden,the park,the building etc.





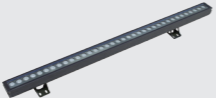



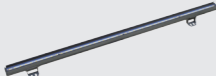

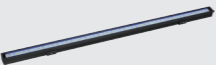



2 Years Warranty



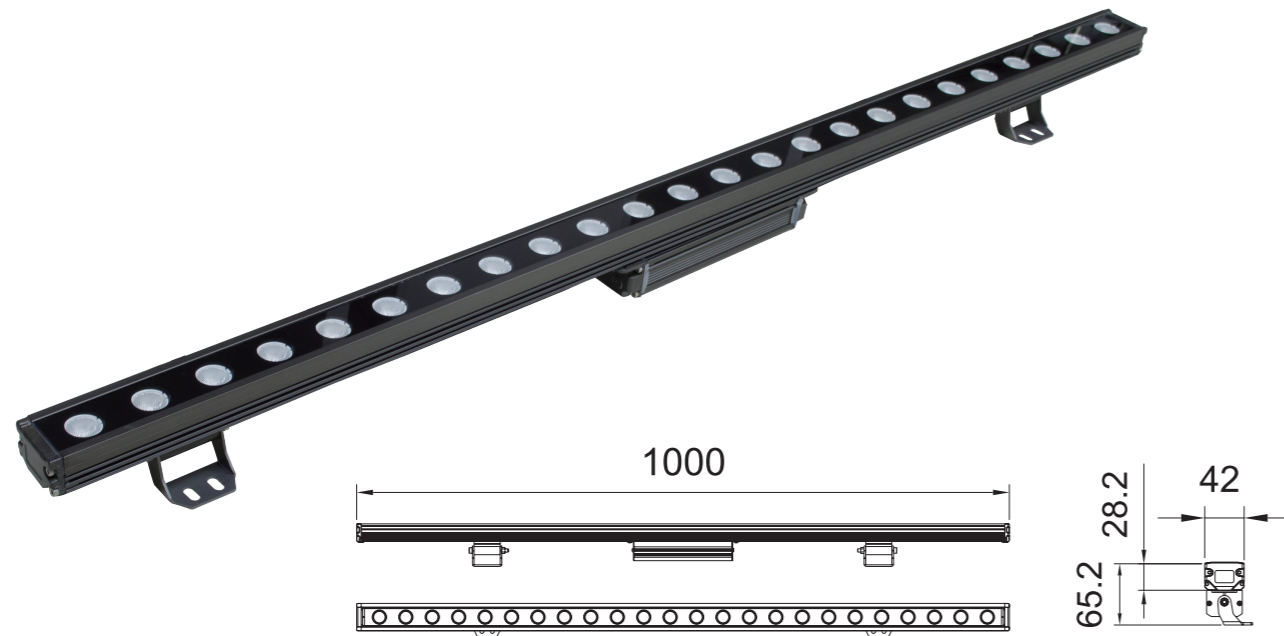
IP65

IK04

LED WALL WASHER AND LED LINEAR LIGHTS SERIES

<p>8.1 LED WALL WASHER SERIES</p>	 <p>A001 216</p>	 <p>A002 217</p>	 <p>B001 218</p>	 <p>B002 219</p>
 <p>C001 220</p>	 <p>C002 221</p>			
<p>8.2 LED LINEAR LIGHTS SERIES</p>	 <p>A001 224</p>	 <p>B001 225</p>	 <p>C001 226</p>	 <p>C002 227</p>
 <p>D001 228</p>	 <p>E001 229</p>			

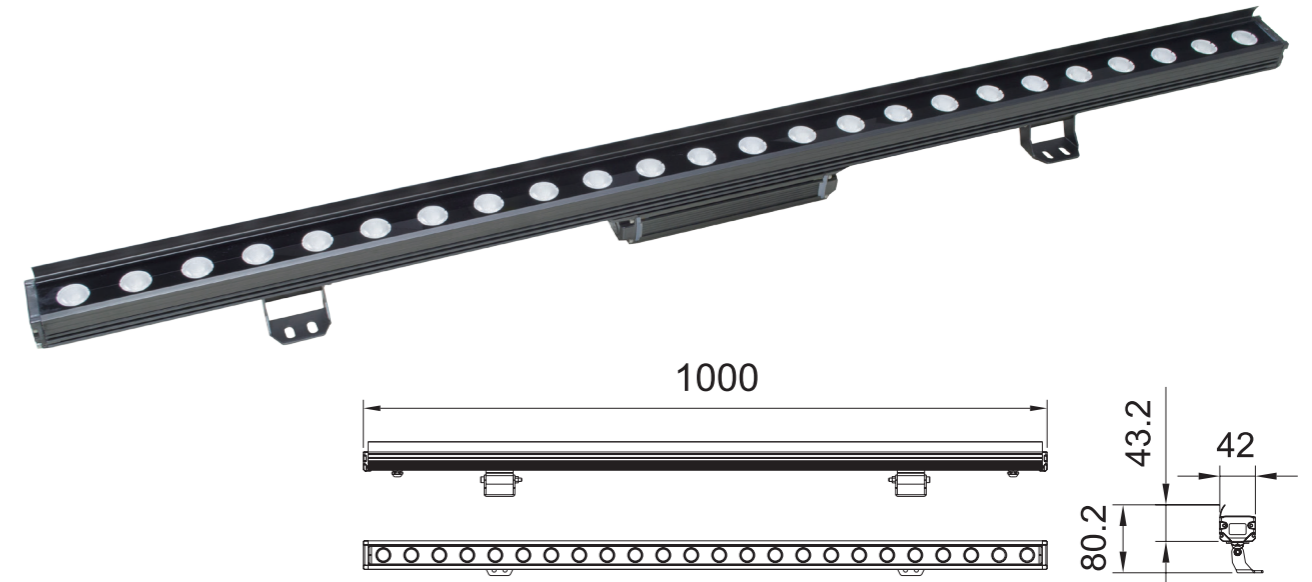




General Data	
Item No.	LP-A001-18W/LP-A001-24W/LP-A001-36W
Power	18 Watts / 24 Watts / 36 Watts
LED type	18 x 1W / 24 x 1W / 36x1W Osram LED
Luminous flux	1440 lm / 1920 lm / 2880 lm
CCT	3000K, 4000K, 6000K or RGB
CRI	80+
Beam angle	10°/15°/30°/45°/60°/90°/110°
Dimension	1000*42*65.2 mm (L x W x H)
Cut out	/
Net weight	1.72 kgs
Warranty	2 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	2 PCS rubber cable 20CM cables with waterproof connector
Driver	Low voltage constant current output ,excluding the transformer
Control	DMX512 or stand alone as options

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting aluminium
Protection finishing	Powder coated painting in black color
Trim	Die-casting aluminium
Glass	Tempered Glass.T=4mm.
Loading capacity	220kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Packaging	
Inner box size	1015 * 85 * 50 mm
Carton size	107.5*35.5*22.5 cm (12PCS / carton)

2 Years Warranty



General Data	
Item No.	LP-A002-18W/LP-A002-24W/LP-A002-36W
Power	18 Watts / 24 Watts / 36 Watts
LED type	18 x 1W / 24 x 1W / 36x1W Osram LED
Luminous flux	1440 lm / 1920 lm / 2880 lm
CCT	3000K, 4000K, 6000K or RGB
CRI	80+
Beam angle	10°/15°/30°/45°/60°/90°/110°
Dimension	1000*42*80.2 mm (L x W x H)
Cut out	/
Net weight	1.78 kgs
Warranty	2 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	2 PCS rubber cable 20CM cables with waterproof connector
Driver	Low voltage constant current output ,excluding the transformer
Control	DMX512 or stand alone as options

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting aluminium
Protection finishing	Powder coated painting in black color
Trim	Die-casting aluminium
Glass	Tempered Glass.T=4mm.
Loading capacity	220kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Packaging	
Inner box size	1015*85*50 mm
Carton size	107.5*35.5*22.5 cm (12PCS / carton)

2 Years Warranty

Application Picture

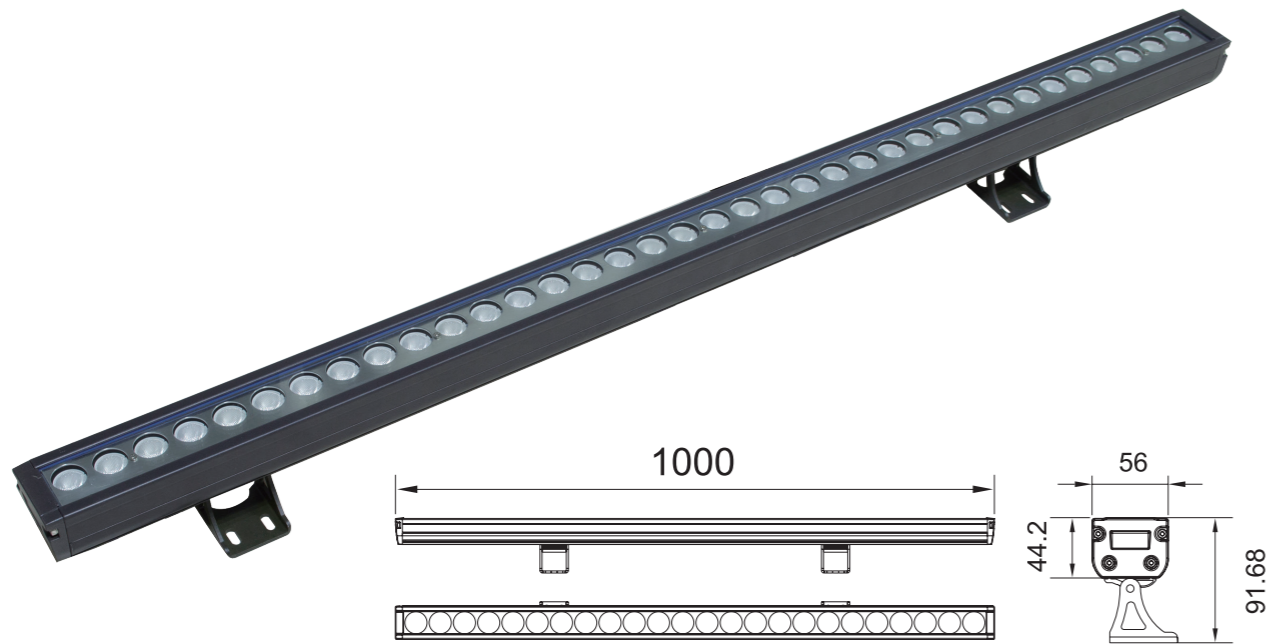


Application Picture



CE RoHS COMPLIANT IP65 IK04

CE RoHS COMPLIANT IP65 IK04

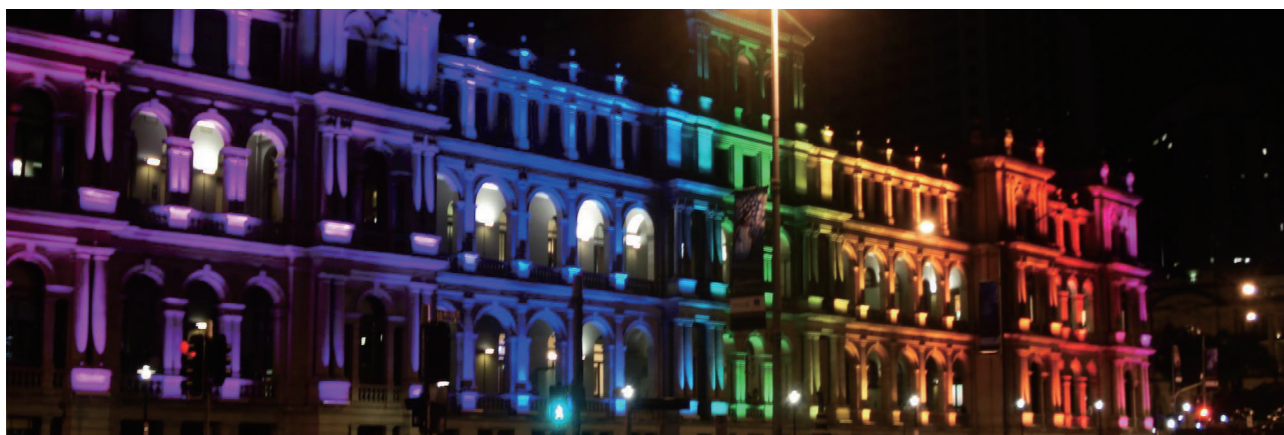


General Data	
Item No.	LP-B001-48W/LP-B001-60W
Power	48 Watts / 60 Watts
LED type	24*2W / 36*1.7W Osram LED
Luminous flux	3360 lm / 4200 lm
CCT	3000K, 4000K, 6000K or RGB
CRI	80+
Beam angle	10°/15°/30°/45°/60°/90°/110°
Dimension	1000*56*43 mm (L x W x H)
Cut out	/
Net weight	2.95 kgs
Warranty	2 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	2 PCS rubber cable 20CM cables with waterproof connector
Driver	Low voltage constant current output ,excluding the transformer
Control	DMX512 or stand alone as options

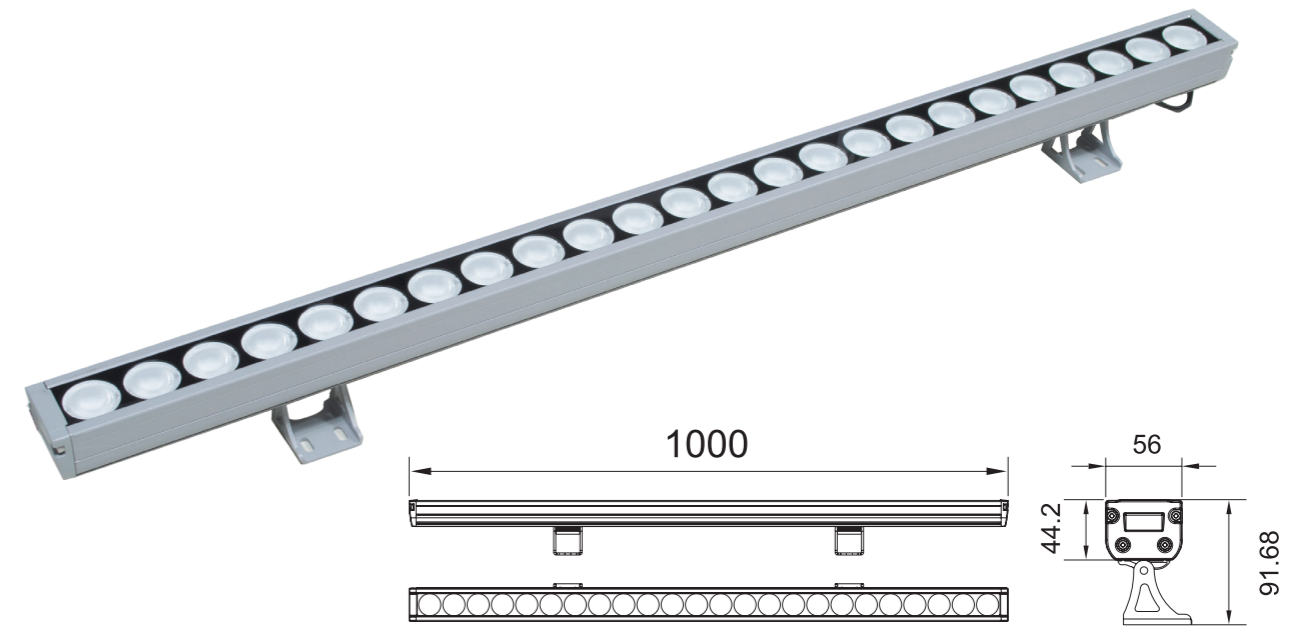
Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting aluminium
Protection finishing	Powder coated painting in black color
Trim	Die-casting aluminium
Glass	Tempered Glass.T=4mm.
Loading capacity	220kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Packaging	
Inner box size	1015 * 70 * 55 mm
Carton size	103*8.6*12.5 cm (6PCS / carton)

2 Years Warranty

Application Picture



CE RoHS COMPLIANT IP65 IK04



General Data	
Item No.	LP-B002-48W
Power	48 Watts
LED type	24*2W Osram LED
Luminous flux	3360 lm
CCT	3000K, 4000K, 6000K or RGB
CRI	80+
Beam angle	5°/36°
Dimension	1000*56*43 mm (L x W x H)
Cut out	/
Net weight	2.95 kgs
Warranty	2 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	2 PCS rubber cable 20CM cables with waterproof connector
Driver	Low voltage constant current output ,excluding the transformer
Control	DMX512 or stand alone as options

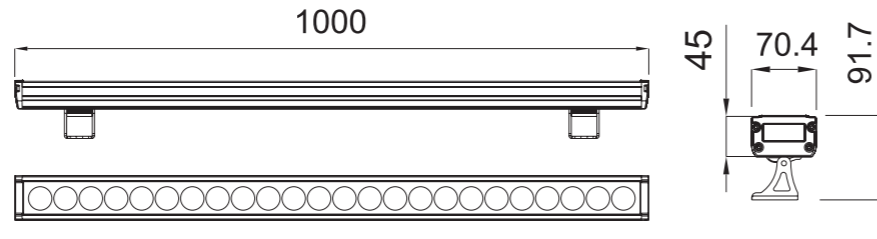
Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting aluminium
Protection finishing	Powder coated painting in grey color
Trim	Die-casting aluminium
Glass	Tempered Glass.T=4mm.
Loading capacity	220kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Packaging	
Inner box size	1015*70*55 mm
Carton size	103*8.6*12.5 cm (6PCS / carton)

2 Years Warranty

Application Picture



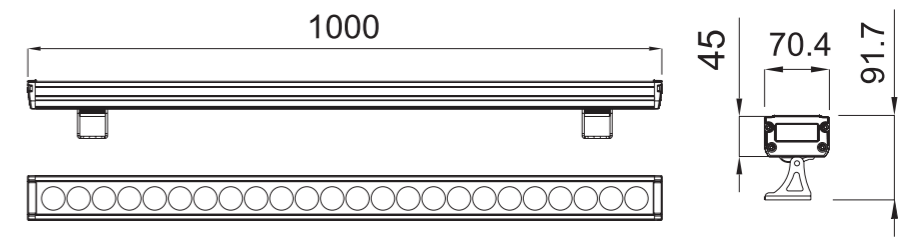
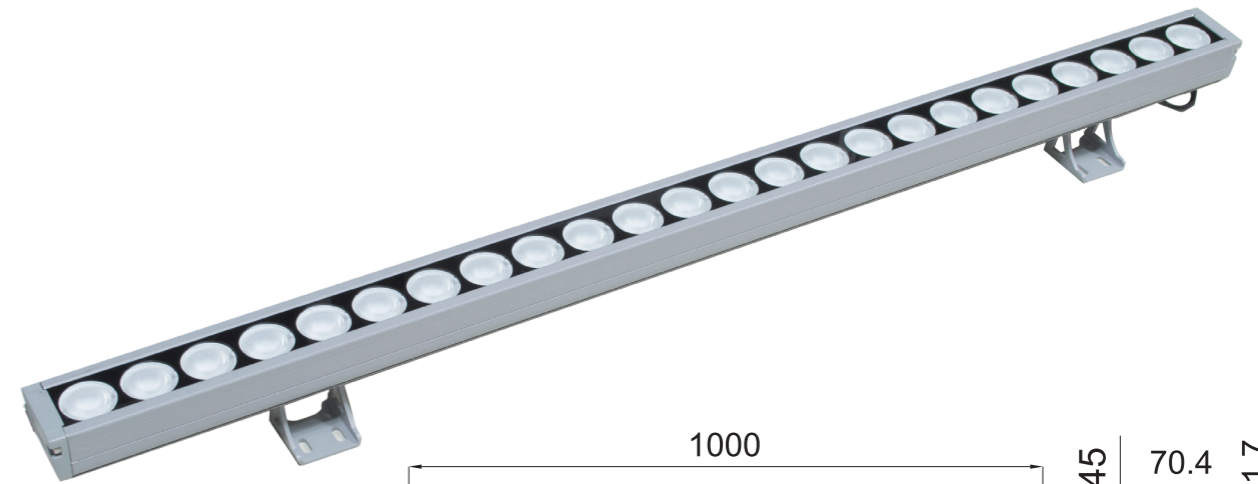
CE RoHS COMPLIANT IP65 IK04



General Data	
Item No.	LP-C001-72W/LP-C001-96W
Power	72 Watts / 96 Watts
LED type	36*2W / 48*2W Osram LED
Luminous flux	5040 lm / 6720 lm
CCT	3000K, 4000K, 6000K or RGB
CRI	80+
Beam angle	10°/15°/30°/45°/60°/90°/110°
Dimension	1000*70*44 mm (L x W x H)
Cut out	/
Net weight	3.28 kgs
Warranty	2 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	2 PCS rubber cable 20CM cables with waterproof connector
Driver	Low voltage constant current output ,excluding the transformer
Control	DMX512 or stand alone as options

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting aluminium
Protection finishing	Powder coated painting in grey color
Trim	Die-casting aluminium
Glass	Tempered Glass.T=4mm.
Loading capacity	220kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Packaging	
Inner box size	1030*75*55 mm
Carton size	107*23*23.5 cm (4PCS / carton)

2 Years Warranty



General Data	
Item No.	LP-C002-72W
Power	72 Watts
LED type	24*3W Osram LED
Luminous flux	4680 lm
CCT	3000K, 4000K, 6000K or RGB
CRI	80+
Beam angle	5°/36°
Dimension	1000*70*44 mm (L x W x H)
Cut out	/
Net weight	3.28 kgs
Warranty	2 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	2 PCS rubber cable 20CM cables with waterproof connector
Driver	Low voltage constant current output ,excluding the transformer
Control	DMX512 or stand alone as options

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting aluminium
Protection finishing	Powder coated painting in grey color
Trim	Die-casting aluminium
Glass	Tempered Glass.T=4mm.
Loading capacity	220kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Packaging	
Inner box size	1030*75*55 mm
Carton size	107*23*23.5 cm (4PCS / carton)

2 Years Warranty

Application Picture



CE RoHS COMPLIANT IP65 IK04

Application Picture

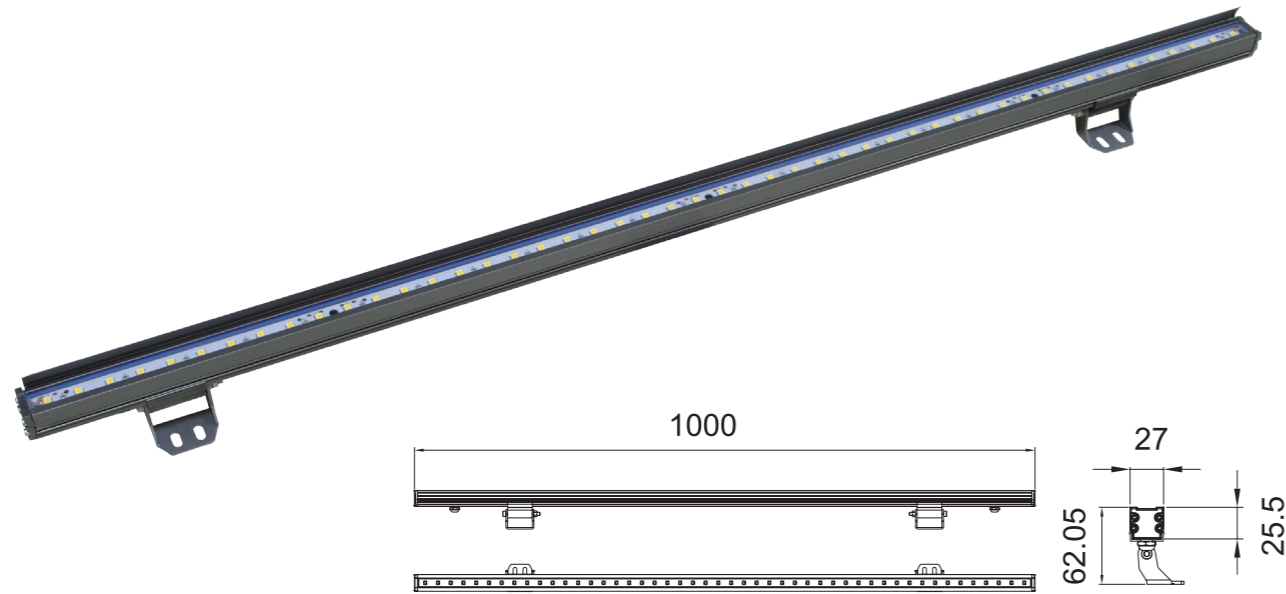


CE RoHS COMPLIANT IP65 IK04

STU WILLIAMSON
PHOTOGRAPHY

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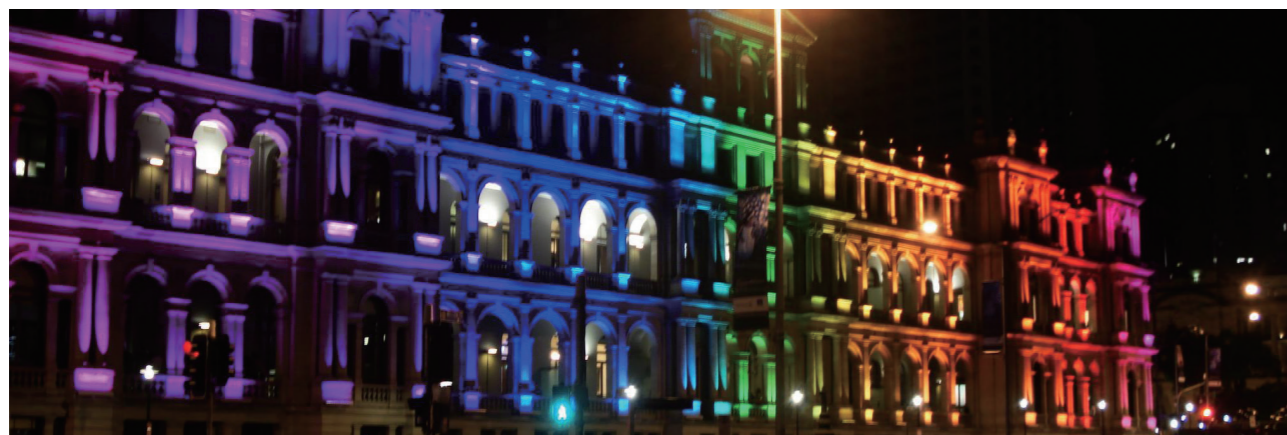


General Data	
Item No.	LP-LA001-12W
Power	12 Watts
LED type	48PCS 5050 SMD LED
Luminous flux	1080 lm
CCT	3000K, 4000K, 6000K or RGB
CRI	80+
Beam angle	120°
Dimension	1000*27*26 mm (L x W x H)
Cut out	/
Net weight	0.94 kgs
Warranty	2 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	2 PCS rubber cable 20CM cables with waterproof connector
Driver	Low voltage constant current output ,excluding the transformer
Control	Stand alone

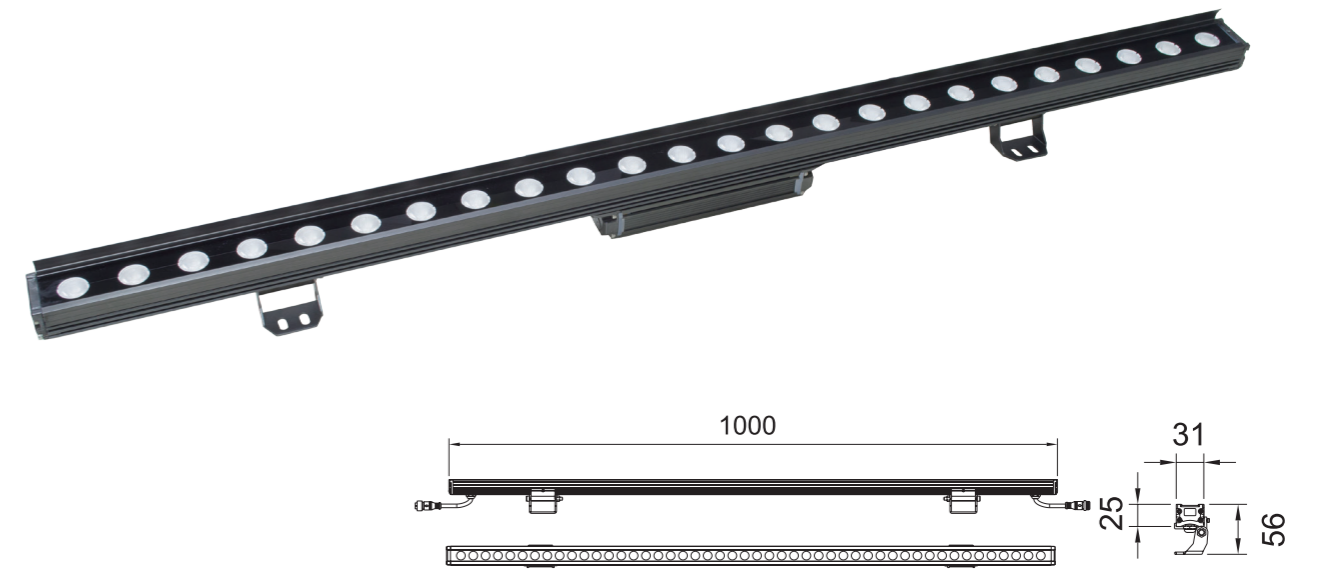
Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting aluminium
Protection finishing	Powder coated painting in grey color
Trim	Die-casting aluminium
Glass	Tempered Glass.T=4mm.
Loading capacity	220kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Barn Door	With aluminium barn door as options
Packaging	
Inner box size	1030*75*55 mm
Carton size	107*30*27 cm (20PCS / carton)

2 Years Warranty

Application Picture



CE RoHS COMPLIANT IP65 IK04



General Data	
Item No.	LP-LB001-12W/LP-LB001-15W/LP-LB001-18W/LP-LB001-24W
Power	12 Watts / 15 Watts / 18 Watts / 24 Watts
LED type	48*0.2W / 15*1W / 18*1W / 24*1W 3030 SMD LED
Luminous flux	960 lm / 1200 lm / 1440 lm /1920 lm
CCT	3000K, 4000K, 6000K or RGB
CRI	80+
Beam angle	15°/30°/45°/60° /90° / 10°*65°
Dimension	1000*31*56 mm (L x W x H)
Cut out	/
Net weight	1.08 kgs
Warranty	2 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	2 PCS rubber cable 20CM cables with waterproof connector
Driver	Low voltage constant current output ,excluding the transformer
Control	DMX512 or Stand alone

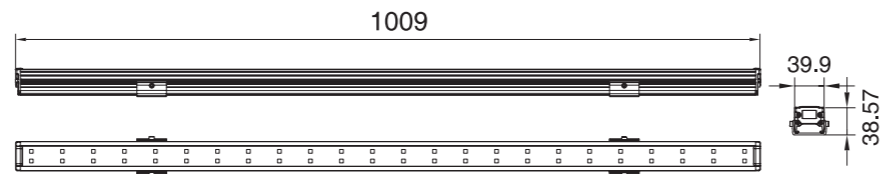
Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting aluminium
Protection finishing	Powder coated painting in grey color
Trim	Die-casting aluminium
Glass	Tempered Glass.T=4mm.
Loading capacity	220kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Barn Door	With aluminium barn door as options
Packaging	
Inner box size	1030*75*55 mm
Carton size	106*30*26cm (20PCS / carton)

2 Years Warranty

Application Picture



CE RoHS COMPLIANT IP65 IK04

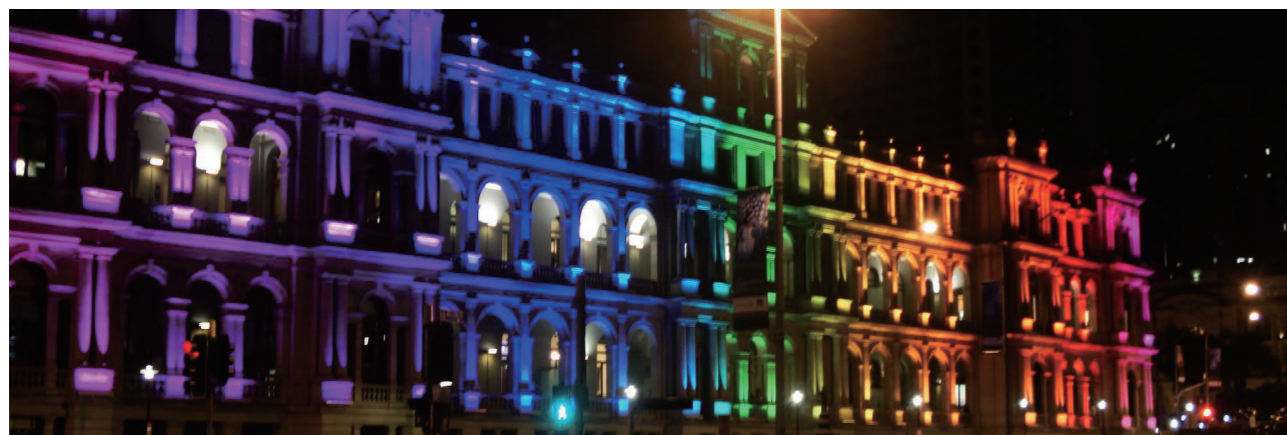


General Data	
Item No.	LP-LC001-24W
Power	24 Watts
LED type	96PCS SMD5050 LED
Luminous flux	2160 lm
CCT	3000K, 4000K, 6000K or RGB
CRI	80+
Beam angle	120°
Dimension	1000*40*30 mm (L x W x H)
Cut out	/
Net weight	1.16 kgs
Warranty	2 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	2 PCS rubber cable 20CM cables with waterproof connector
Driver	Low voltage constant current output ,excluding the transformer
Control	DMX512 or Stand alone

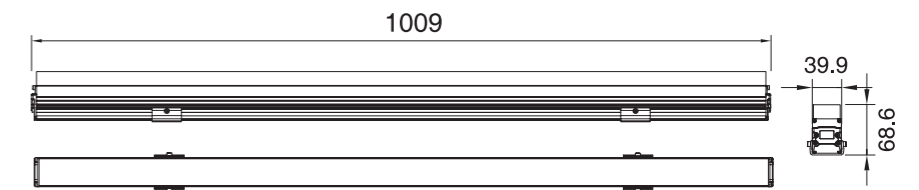
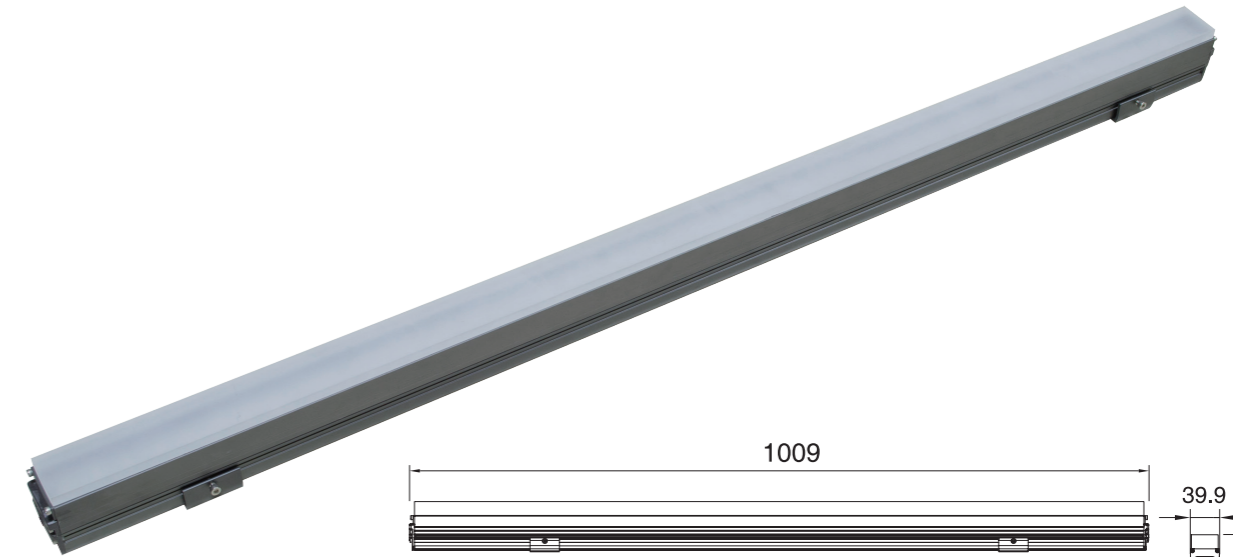
Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting aluminium
Protection finishing	Powder coated painting in grey color
Trim	Die-casting aluminium
Glass	Tempered Glass.T=4mm.
Loading capacity	220kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Packaging	
Inner box size	1020*50*40 mm
Carton size	108*32*27 cm (16PCS / carton)

2 Years Warranty

Application Picture



CE RoHS COMPLIANT IP65 IK04



General Data	
Item No.	LP-LC002-24W
Power	24 Watts
LED type	96PCS SMD5050 LED
Luminous flux	1920 lm
CCT	3000K, 4000K, 6000K or RGB
CRI	80+
Beam angle	120°
Dimension	1000*40*68.6 mm (L x W x H)
Cut out	/
Net weight	2.09 kgs
Warranty	2 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	2 PCS rubber cable 20CM cables with waterproof connector
Driver	Low voltage constant current output ,excluding the transformer
Control	DMX512 or Stand alone

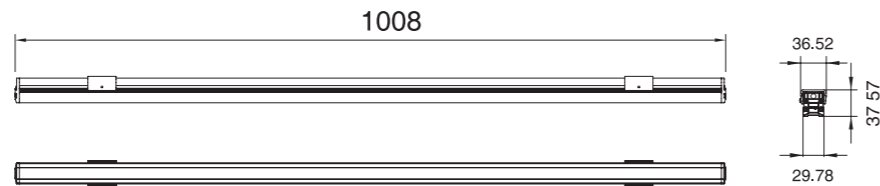
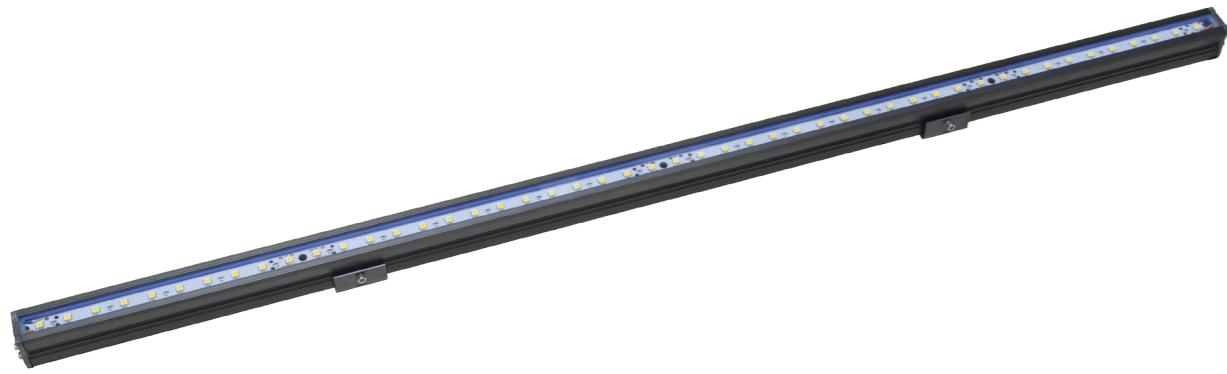
Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting aluminium
Protection finishing	Powder coated painting in grey color
Trim	Aluminium with the milky white PMMA cover
Glass	Tempered Glass.T=4mm.
Loading capacity	220kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Packaging	
Inner box size	1020*50*70 mm
Carton size	108*32*21cm (8PCS / carton)

2 Years Warranty

Application Picture



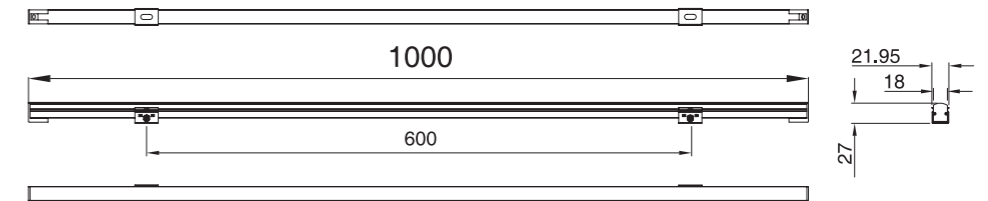
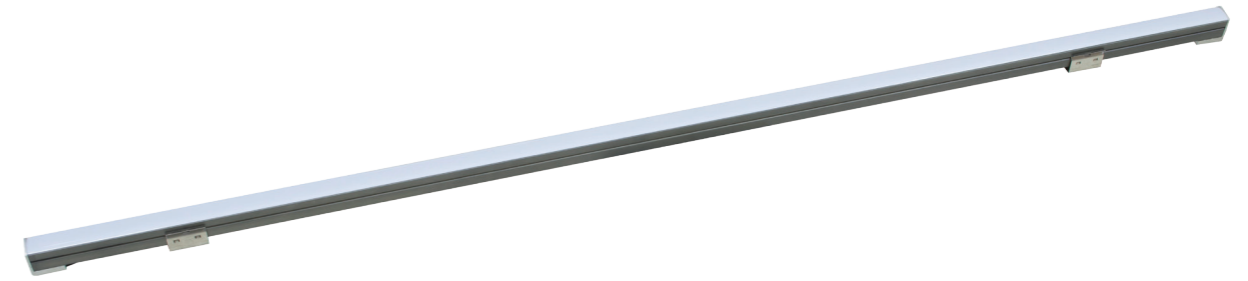
CE RoHS COMPLIANT IP65 IK04



General Data	
Item No.	LP-LD001-12W
Power	12 Watts
LED type	48PCS SMD5050 LED
Luminous flux	1080 lm
CCT	3000K, 4000K, 6000K or RGB
CRI	80+
Beam angle	120°
Dimension	1000*30*30 mm (L x W x H)
Cut out	/
Net weight	0.34 kgs
Warranty	2 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	2 PCS rubber cable 20CM cables with waterproof connector
Driver	Low voltage constant current output ,excluding the transformer
Control	DMX512 or Stand alone

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting aluminium
Protection finishing	Powder coated painting in grey color
Trim	Die-casting aluminium
Glass	Tempered Glass.T=4mm.
Loading capacity	220kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Packaging	
Inner box size	1020*50*70 mm
Carton size	107*30.5*27 cm (35PCS / carton)

2 Years Warranty



General Data	
Item No.	LP-LE001-12
Power	12 Watts
LED type	48PCS SMD5050 LED
Luminous flux	960 lm
CCT	3000K, 4000K, 6000K
CRI	80+
Beam angle	120°
Dimension	1000*18*20 mm (L x W x H)
Cut out	/
Net weight	0.34 kgs
Warranty	2 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V
Insulation class	Class III
Cable	2 PCS rubber cable 20CM cables with waterproof connector
Driver	Low voltage constant current output ,excluding the transformer
Control	Stand alone

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting aluminium
Protection finishing	Powder coated painting in grey color
Trim	Aluminium with the milky white PMMA cover
Glass	/
Loading capacity	220kgs
Cable Gland	PG7 IP67
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Packaging	
Inner box size	1020*50*70 mm
Carton size	107*30.5*27 cm (35PCS / carton)

2 Years Warranty

Application Picture



CE RoHS COMPLIANT IP65 IK04

Application Picture



CE RoHS COMPLIANT IP65 IK04





ACCESSORIES SERIES

Products Features

These connectors are designed with anti-corrosion and strong enough nylon materials, and they are IP68 or IP67 waterproof.

Especially the IP67 inground lights that must be used with the IP67 or IP68 waterproof connectors or junction boxes. Due to the moisture or water will come into the lighting fixtures through the wires if they aren't connected by IP67 or IP68 waterproof connectors or junction boxes.

Application

They are recommended to be used for our IP67 inground lights, IP68 underwater lights, IP65/IP67 garden spot lights.




3 Years Warranty

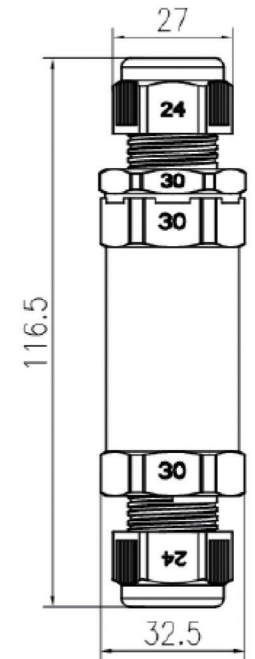
5 Years Warranty

IP67 IP68 IK09 IK10



ACCESSORIES SERIES

9.1 ACCESSORIES	 3P-001 237	 3P-002 238	 3P-003 239	



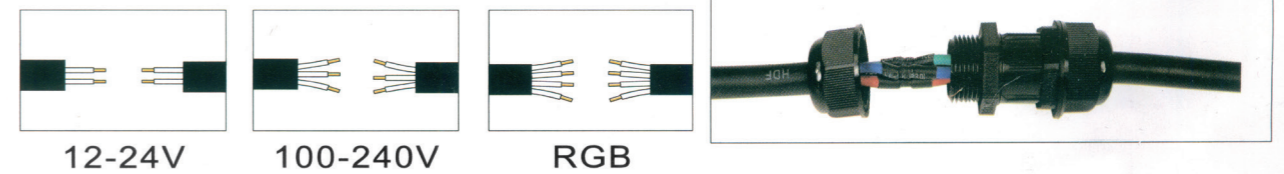
General Data	
Item No.	3P-001/5P-001
For cable	Min. 2 or 3x0.75mm ² ,Max. 2 or 3x2.5mm ² (For 3 pins)/
For cable	Min. 4 or 5 x0.75mm ² ,Max. 4 or 5x2.5mm ² (For 5 pins)
diameter	OD Ø5mm at Min ; OD Ø12mm at Max.
Terminal block	3 poles or 5 poles as options . Screws fixing
Dimension	116.5 x 32.5 mm (Length x Diameter)
Net weight	0.03 kgs
Warranty	5 years
Electrical Data	
Voltage range	450v @ max. It's usually for both of DC12V~DC24V or AC100~240V. single color or RGB or RGBW lighting fixture

Construction Data	
IP rating	IP68
IK rating	IK10
Housing	Nylon materials PA66, UL94-V0
Pole	3 or 5 poles ,Copper ,nickel plated.
Gasket	PMQ silicone gasket seal

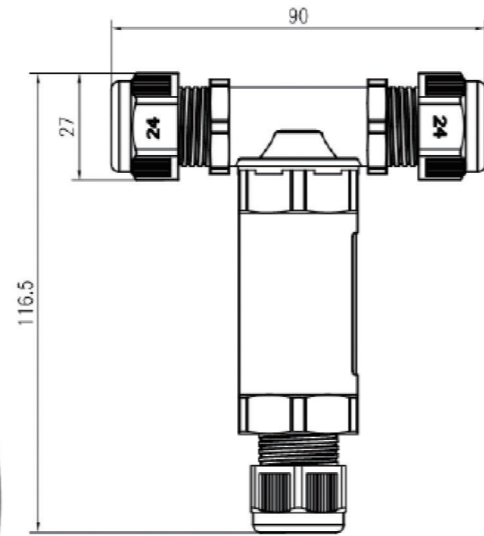
5 Years Warranty

Parallel Circuit Connecting Drawing

Wiring Diagram



IP68 IK10



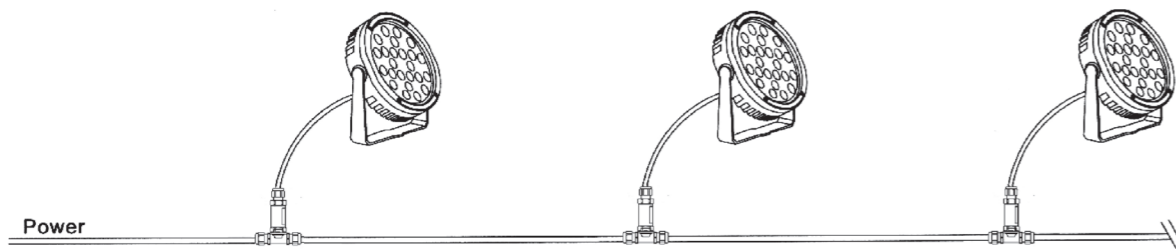
General Data	
Item No.	LP-3P-002 (FOR 3 Pins)/LP-5P-002 (FOR 5 Pins)
For cable	Min. 2 or 3x0.75mm ² ,Max. 2 or 3x2.5mm ²
For cable	/Min. 4 or 5 x0.75mm ² ,Max. 4 or 5x2.5mm ²
diameter	OD Ø5mm at Min; OD Ø12mm at Max.
Terminal block	3 poles or 5 poles as options . Screws fixing
Dimension	116.5 x 90 x 27 mm (Length x Width x Diameter)
Net weight	0.058 kgs
Warranty	5 years
Electrical Data	
Voltage range	450v @ max. It's usually for both of DC12V~DC24V or AC100~240V. single color or RGB or RGBW lighting fixture

Construction Data	
IP rating	IP68
IK rating	IK10
Housing	Nylon materials PA66, UL94-V0
Pole	3 or 5 poles ,Copper, nickel plated.
Gasket	PMQ silicone gasket seal

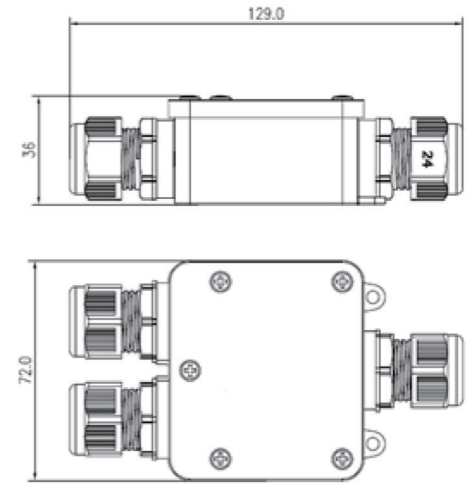
5 Years Warranty

Parallel Circuit Connecting Drawing

Connection Demo



IP68 IK10



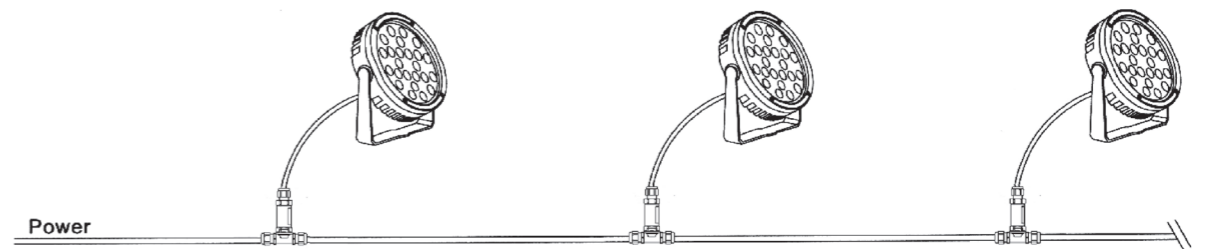
General Data	
Item No.	LP-3P-003 (box)
For cable	Min. 2 or 3 or 4 or 5 x0.75mm ² ,Max. 2 or 3x2.5mm ²
For cable	/Min. 4 or 5 x0.75mm ² ,Max. 4 or 5x2.5mm ²
diameter	OD Ø5mm at Min ; OD Ø12mm at Max.
Terminal block	5 poles . Screws fixing
Dimension	129 x 76 x 32 mm (Length x Width x Height)
Net weight	0.125 kgs
Warranty	3 years
Electrical Data	
Voltage range	450v @ max. It's usually for both of DC12V~DC24V or AC100~240V. single color or RGB or RGBW lighting fixture

Construction Data	
IP rating	IP67
IK rating	IK09
Housing	Transparent PC, UL94-V0
Pole	5 poles ,Copper, nickel plated.
Gasket	PMQ silicone gasket seal

3 Years Warranty

Parallel Circuit Connecting Drawing

Connection Demo



IP67 IK09