

PLAYLED.

PLAYLED.



LED PROJECTOR LIGHTING SERIES

General Data	
Item No.	TGD-170122-36D
Power	36 watts
LED type	18 PCS 2W OSRAM LED
Luminous flux	2300lm
CCT	2700K,3000K, 4000K, 6000K
CRI	80+
Beam angle	6°,8°,10°,17°,23°,28°,43°,58°
Dimension	Ø170*122 (mm) Diameter x Height
Cut out	/
Net weight	1.6 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC100~265V
Insulation class	Class I
Cable	1PC rubber cable 0.3M H05RN-F 3*1.5mm ² mm 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 painted in dark grey
Trim	Die-casting Aluminium
Glass	Step tempered Glass.T=4mm.
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	The spike is optional
Packaging	
Inner box size	190x190x140 mm
Carton size	40*40*30 cm (8 PCS / carton)

3 Years Warranty

General Data	
Item No.	TGD-190170-48D
Power	48 watts
LED type	36PCS 1.3W OSRAM LED
Luminous flux	3600 lm
CCT	2700K,3000K, 4000K, 6000K
CRI	80+
Beam angle	6°,8°,10°,17°,23°,28°,43°,58°
Dimension	Ø190*170 (mm) Diameter x Height
Cut out	/
Net weight	3.2 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	AC100~265V
Insulation class	Class I
Cable	1PC rubber cable 0.3M H05RN-F 3*1.5mm ² mm square
Driver	Built-in high voltage constant current driver with transformer

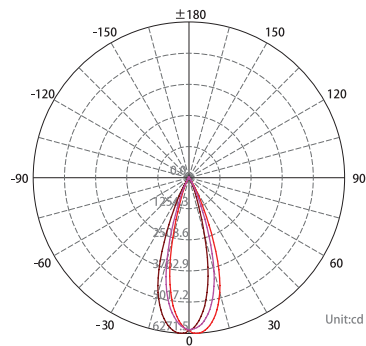
Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Die-casting Aluminium
Protection finishing	Powder coated painted in dark grey
Trim	Die-casting Aluminium
Glass	Step tempered Glass.T=4mm.
Loading capacity	220 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal
Accessories	
Spike	The spike is optional
Packaging	
Inner box size	240x270x200 mm
Carton size	51*29*22 cm (2 PCS / carton)

3 Years Warranty

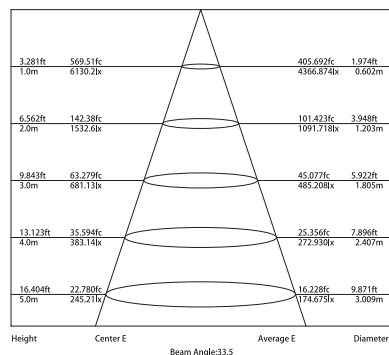
LED PROJECTOR LIGHTING SERIES

Photometric Data (3000K, 28°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve



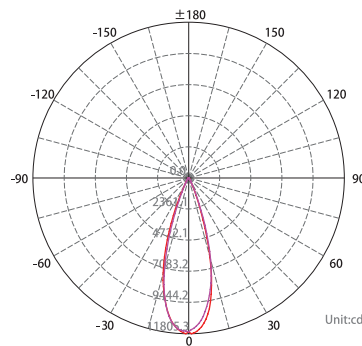
Illumination Picture



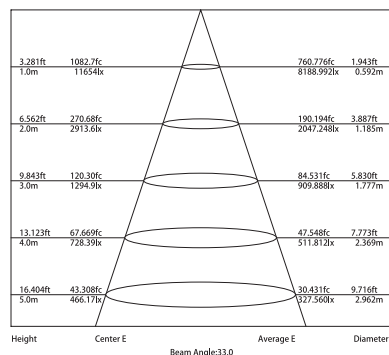
IP65 IK04

Photometric Data (3000K, 28°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture



IP65 IK04



Standards

-IEC/EN60598-1,
-IEC/EN60598-2-1,
-IEC/EN60598-2-2.

"Specification change without prior notification or public announcement."

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Standards

-IEC/EN60598-1,
-IEC/EN60598-2-1,
-IEC/EN60598-2-2.





Specialized in Exterior LED Lighting

LED WALL WASHER SERIES

Products Features

These products are designed with stretched aluminium / solid aluminium ,with Passivated (Anodizing) 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 waterproof 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.

3 Years Warranty

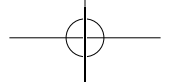


IP65 IP68 IK04



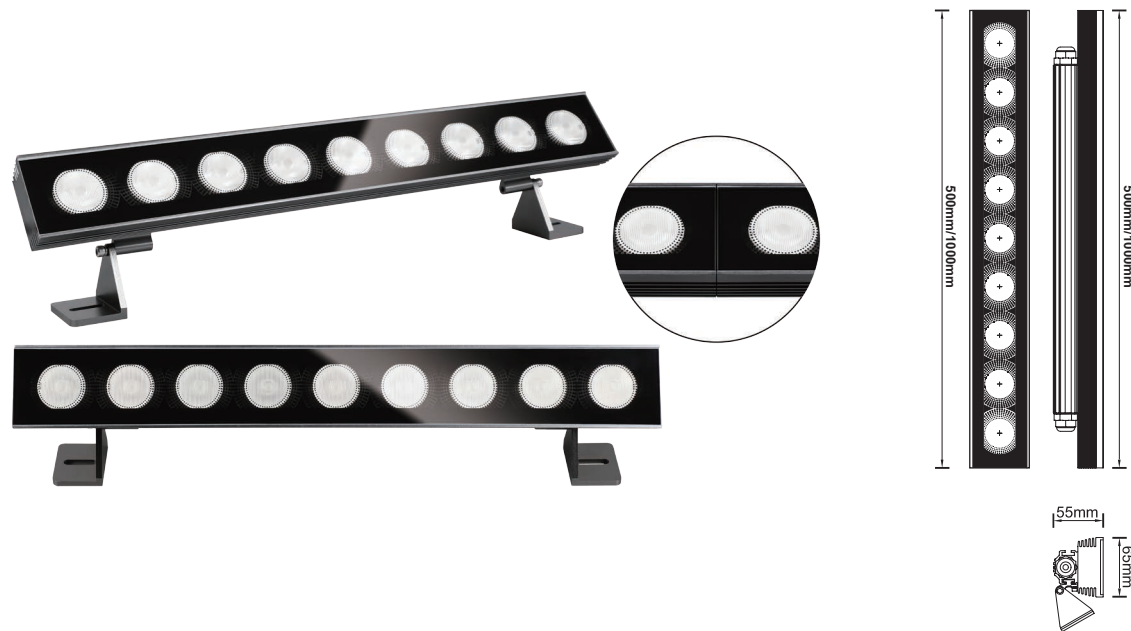
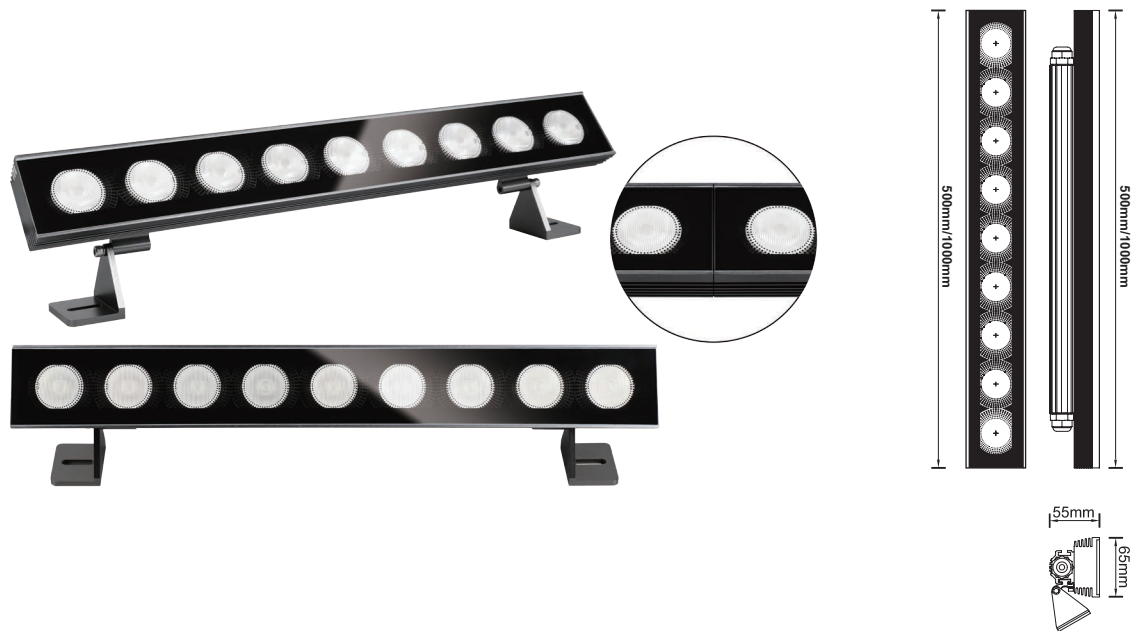
Standards

-IEC/EN60598-1,
-IEC/EN60598-2-1,
-IEC/EN60598-2-2.



PLAYLED.

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LED WALL WASHER AND LED LINEAR LIGHTS SERIES

LED WALL WASHER AND LED LINEAR LIGHTS SERIES

General Data	
Item No.	LWW-9001-2400-A / LWW-1801-4800-A
Power	24 Watts / 48 Watts
LED type	9 x 2.6W / 18 x 2.6W CREE XPE LED
Luminous flux	1600 lm / 3200lm /
CCT	3000K, 4000K, 6000K
CRI	80+
Beam angle	5°,8°,12°,24°,36°,60°,10°*30°
Dimension	500*65*55 mm / 1000*65*55 (L x W x H)
Cut out	/
Net weight	1.92 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V/ DC24V (AC100~240V version optional)
Insulation class	Class III
Cable	2 PCS rubber cable 20CM cables
Driver	Low voltage constant current output ,excluding the transformer
Control	Stand alone

Construction Data	
IP rating	IP68 Waterproof
IK rating	IK04 for wall washer
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Glass
Glass	Tempered Glass.T=3mm
Loading capacity	220kgs /2000kgs
Cable Gland	PG9 IP68
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket for wall washer
Packaging	
Inner box size	550*80*80 mm
Carton size	57*18*10 cm (2PCS / carton)

3 Years Warranty

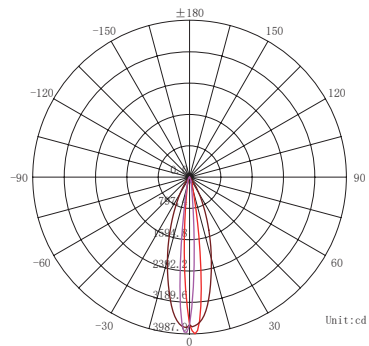
General Data	
Item No.	LWW-9001-RGBW-A /LWW-1801-RGBW-A
Power	18 Watts / 36 Watts
LED type	9 PCS /18 PCS x 4in1 RGBW 3030SMD LED
Luminous flux	720 lm / 1440lm
CCT	RGBW5500K
CRI	80+
Beam angle	5°,8°,12°,24°,36°,60°,10°*30°
Dimension	500*65*55 mm / 1000*65*55L x W x H
Cut out	/
Net weight	1.92 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC12V
Insulation class	Class III
Cable	2 PCS rubber cable 20CM cables
Driver	Low voltage constant current output ,excluding the transformer
Control	Stand alone

Construction Data	
IP rating	IP68 Waterproof
IK rating	IK04 for wall washer
Housing	Solid Passivated AnodizingAluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Glass
Glass	Tempered Glass.T=3mm
Loading capacity	220kgs
Cable Gland	PG9 IP68
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket for wall washer
Packaging	
Inner box size	550*80*80 mm
Carton size	57*18*10 cm (2PCS / carton)

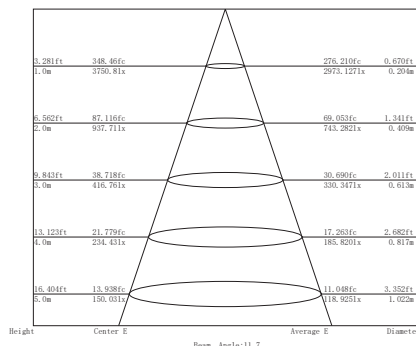
3 Years Warranty

Photometric Data (3000K, 10x30°) & Illumination Picture

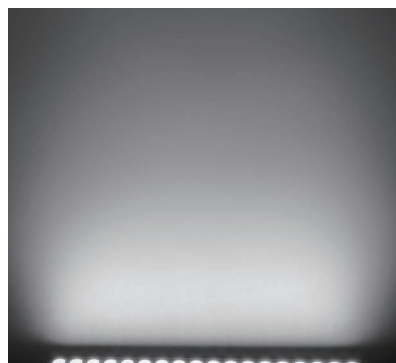
Light Distribution Curve [Unit: cd]



Lux distance Curve



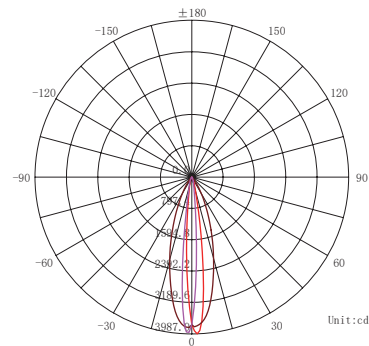
Illumination Picture



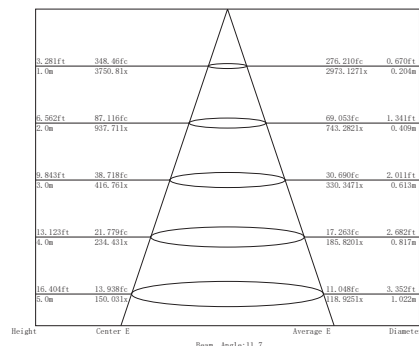
IP68 IK04

Photometric Data (RGBW, 10x30°) & Illumination Picture

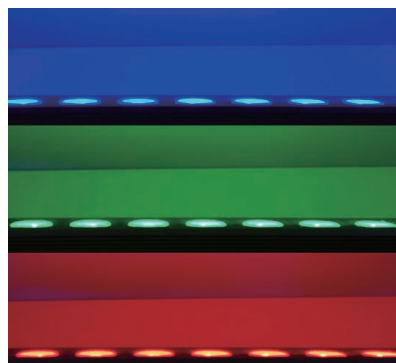
Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture



IP68 IK04

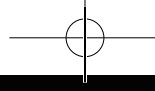


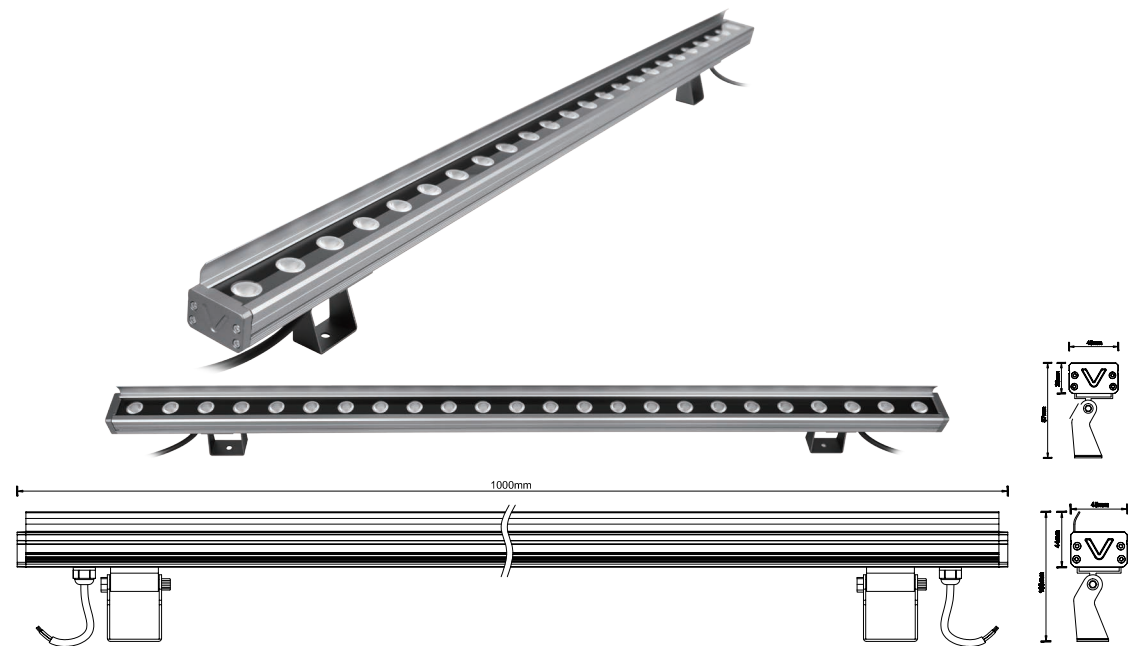
Standards

-IEC/EN60598-1,
-IEC/EN60598-2-1,
-IEC/EN60598-2-2.

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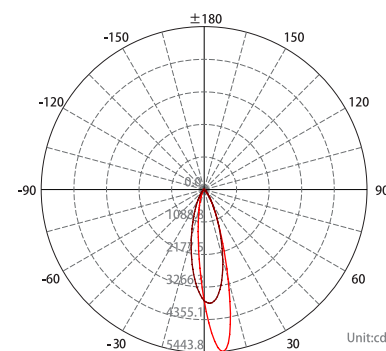
General Data	
Item No.	LWW-2401-1800-B
Power	18W
LED type	24 PCS 0.75W OSRAM LED
Luminous flux	1440lm
CCT	2700K,3000K,4500K,6000K
CRI	80+
Beam angle	12°/24°/30°/40°/60°/Oval lens 10°30°/15°40°
Dimension	1000*45*28 mm (Length x Width x Height)
Cut out	/
Net weight	1.7 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V (AC100~265V version optional)
Insulation class	Class III
Cable	2 PCS rubber cables with waterproof connectors,one side male,another side female
Driver	Low voltage constant current output ,excluding the transformer
Control	Stand alone

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Passivated (Anodizing) Aluminium
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Aluminium+glass
Glass	Tempered Glass T=4mm
Loading capacity	220kgs
Cable Gland	PG IP65
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Barn door	Without barn door as standard, and with barn door as options
Packaging	
Inner box size	1068*85*75mm
Carton size	108.5*28*24 cm (6PCS / carton)

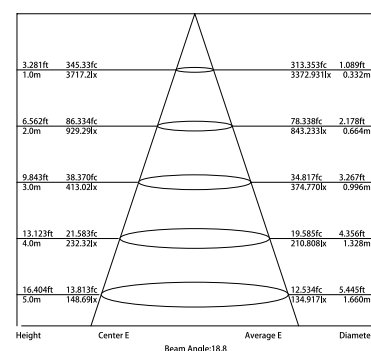
3 Years Warranty

Photometric Data (18W,3000K, 10x30°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture

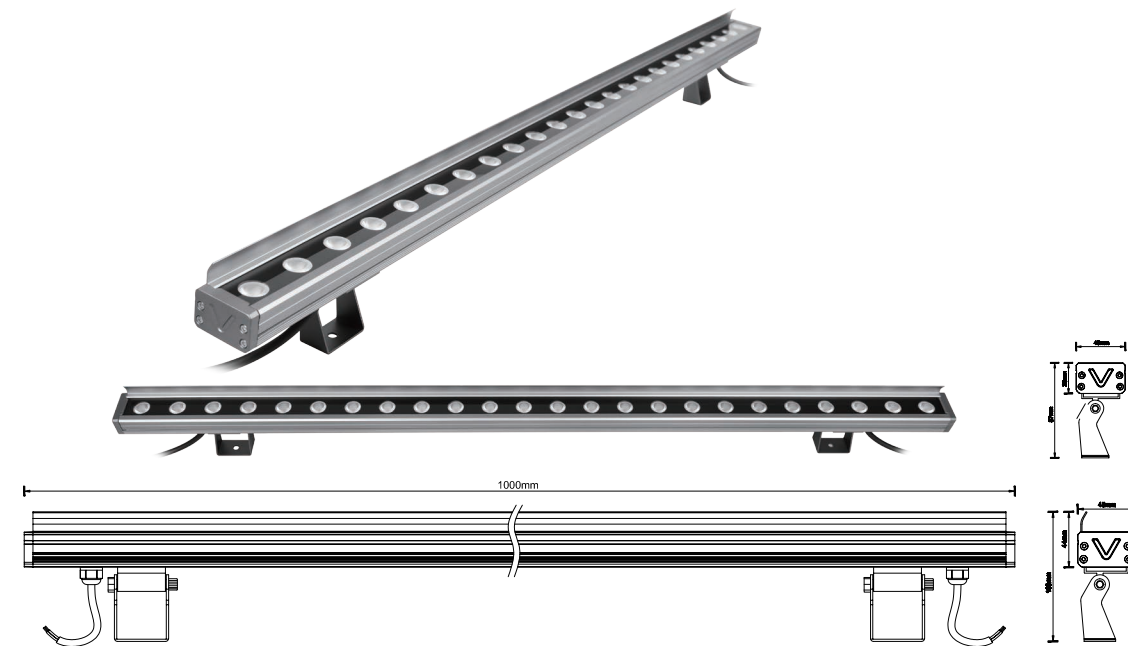


IP65 IK04



Standards

-IEC/EN60598-1,
-IEC/EN60598-2-1,
-IEC/EN60598-2-2.



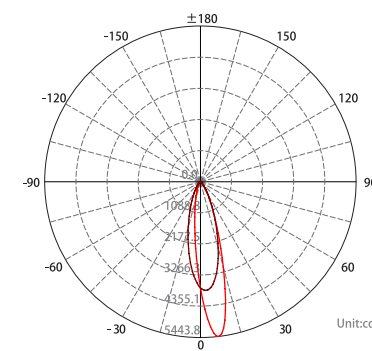
General Data	
Item No.	LWW-2401-2400-B
Power	24W
LED type	24 PCS 1W OSRAM LED
Luminous flux	1800lm
CCT	2700K,3000K,4500K,6000K
CRI	80+
Beam angle	12°/24°/30°/40°/60°/Oval lens 10°30°/15°40°
Dimension	1000*45*28 mm (Length x Width x Height)
Cut out	/
Net weight	1.7 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V (AC100~265V version optional)
Insulation class	Class III
Cable	2 PCS rubber cables with waterproof connectors,one side male,another side female
Driver	Low voltage constant current output ,excluding the transformer
Control	Stand alone

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Passivated (Anodizing) Aluminium
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Aluminium+glass
Glass	Tempered Glass T=4mm
Loading capacity	220kgs
Cable Gland	PG IP65
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Barn door	Without barn door as standard, and with barn door as options
Packaging	
Inner box size	1068*85*75mm
Carton size	108.5*28*24 cm (6PCS / carton)

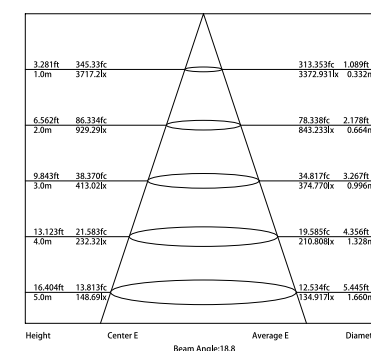
3 Years Warranty

Photometric Data (24W,3000K, 10x30°) & Illumination Picture

Light Distribution Curve [Unit: cd]



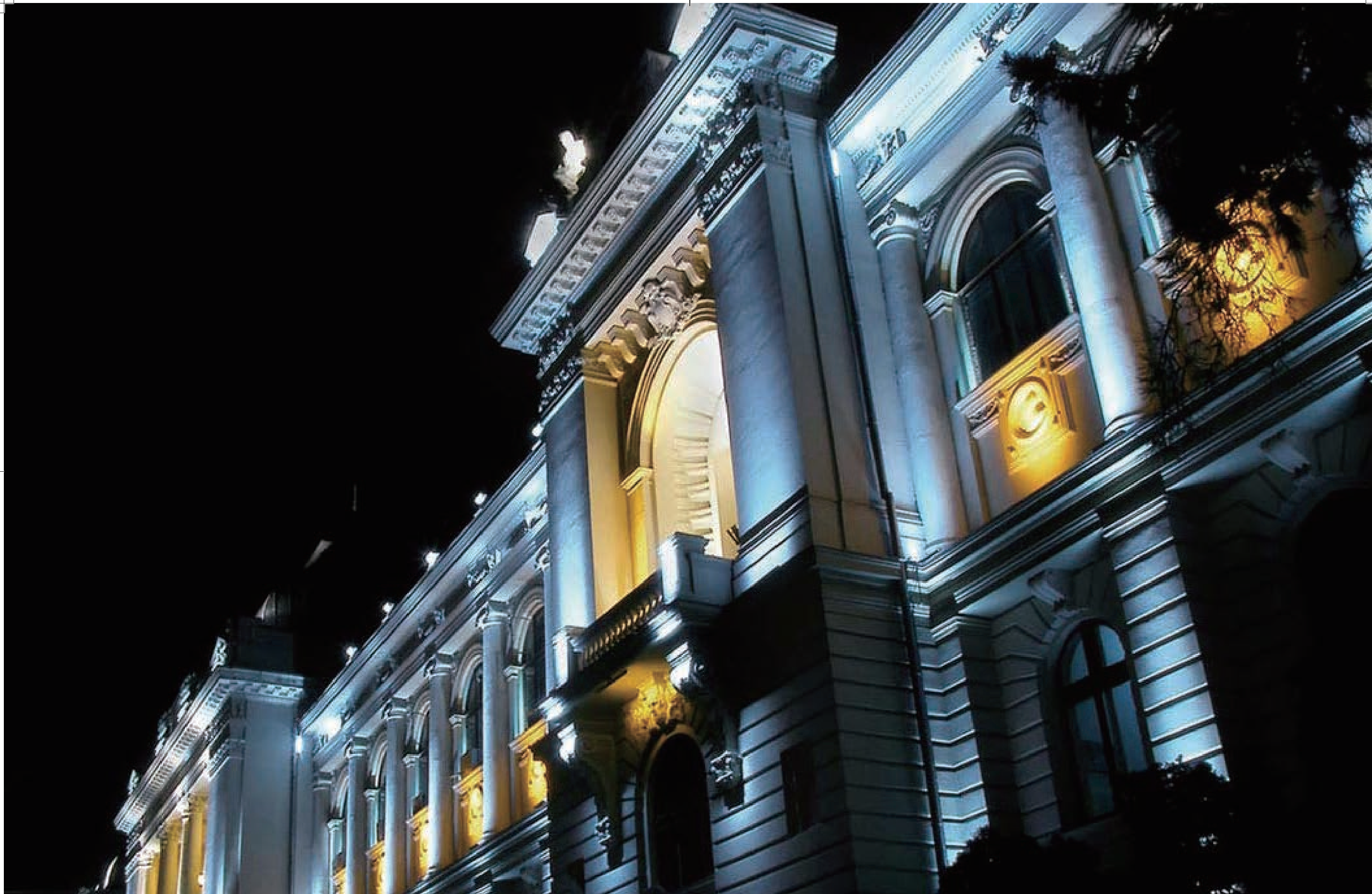
Lux distance Curve



Illumination Picture

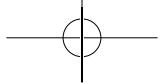


IP65 IK04



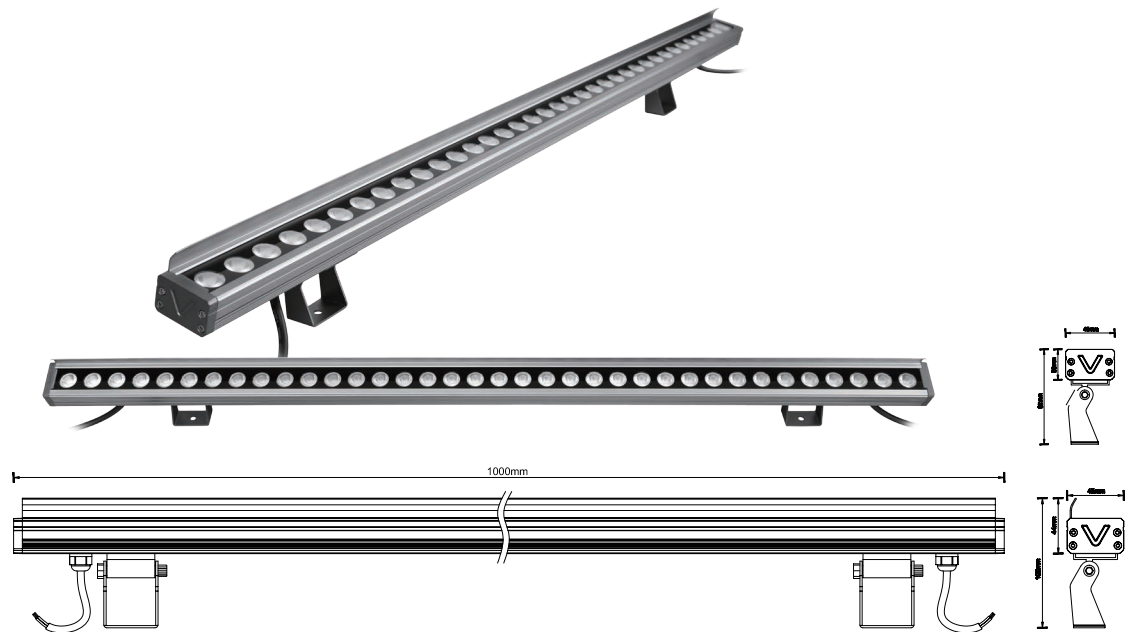
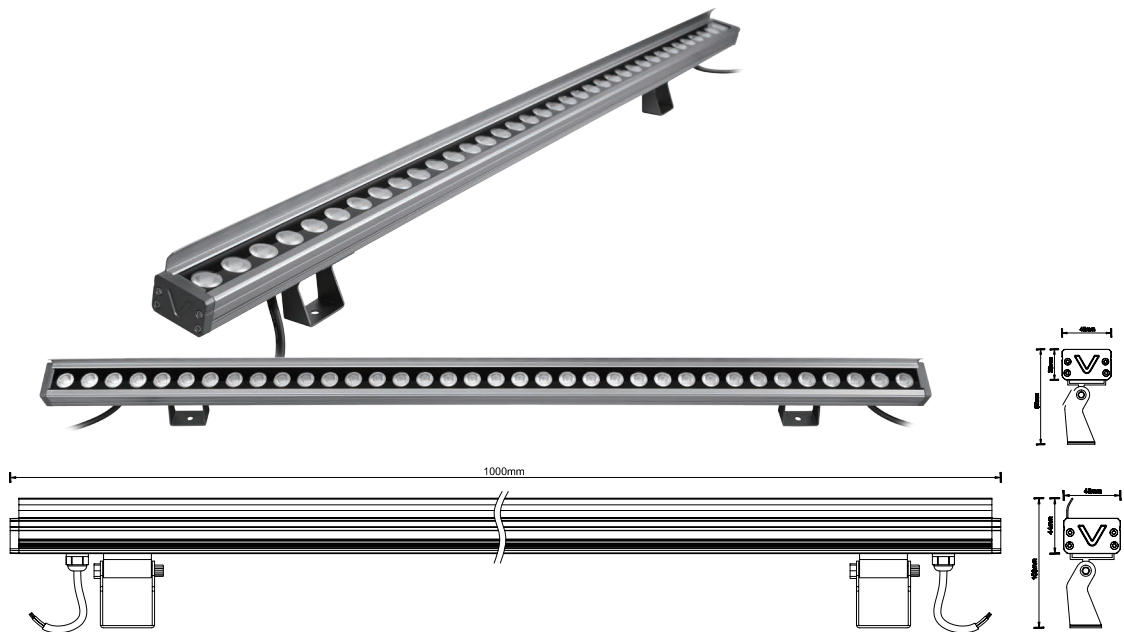
Standards

-IEC/EN60598-1,
-IEC/EN60598-2-1,
-IEC/EN60598-2-2.



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LED WALL WASHER AND LED LINEAR LIGHTS SERIES

LED WALL WASHER AND LED LINEAR LIGHTS SERIES

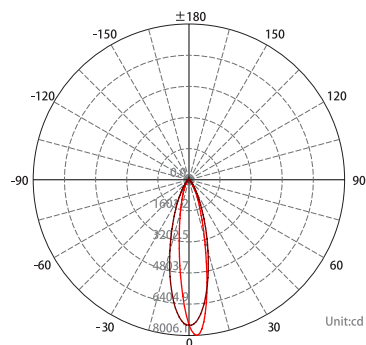
General Data	
Item No.	LWW-3601-3600-B
Power	36W
LED type	36 PCS 1W OSRAM LED
Luminous flux	2700lm
CCT	2700K,3000K,4500K,6000K
CRI	80+
Beam angle	12°/24°/30°/40°/60°/Oval lens 10°30°/15°40°
Dimension	1000*45*28 mm (Length x Width x Height)
Cut out	/
Net weight	1.75 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V (AC100~265V version optional)
Insulation class	Class III
Cable	2 PCS rubber cables with waterproof connectors,one side male,another side female
Driver	Low voltage constant current output ,excluding the transformer
Control	Stand alone

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Passivated (Anodizing) Aluminium
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Aluminium+glass
Glass	Tempered Glass T=4mm
Loading capacity	220kgs
Cable Gland	PG IP65
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Barn door	Without barn door as standard, and with barn door as options
Packaging	
Inner box size	1068*85*75mm
Carton size	108.5*28*24 cm (6PCS / carton)

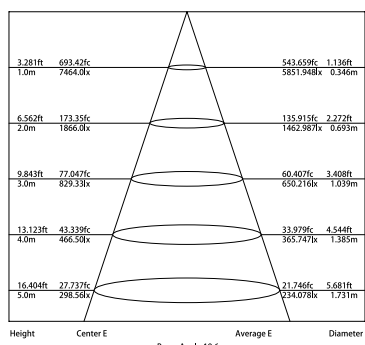
3 Years Warranty

Photometric Data (36W,3000K, 10x30°) & Illumination Picture

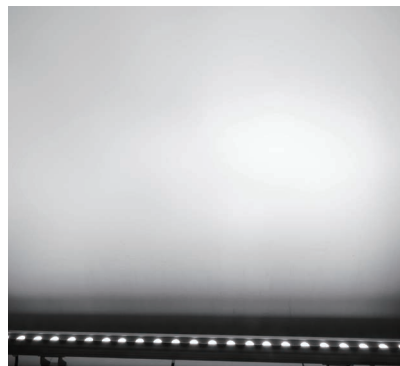
Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture



IP65 IK04

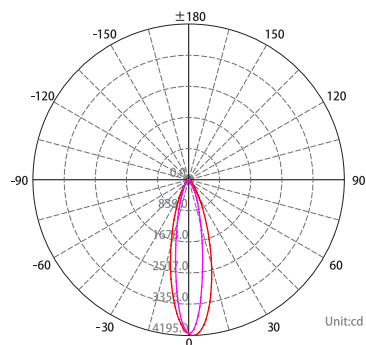
General Data	
Item No.	LWW-3601-4800-B
Power	48W
LED type	36 PCS 1.3W OSRAM LED
Luminous flux	3200lm
CCT	2700K,3000K,4500K,6000K
CRI	80+
Beam angle	12°/24°/30°/40°/60°/Oval lens 10°30°/15°40°
Dimension	1000*45*28 mm (Length x Width x Height)
Cut out	/
Net weight	1.75 kgs
Warranty	3 years
Certifications	CE, RoHS
Electrical Data	
Input voltage	DC24V (AC100~265V version optional)
Insulation class	Class III
Cable	2 PCS rubber cables with waterproof connectors,one side male,another side female
Driver	Low voltage constant current output ,excluding the transformer
Control	Stand alone

Construction Data	
IP rating	IP65 Waterproof
IK rating	IK04
Housing	Passivated (Anodizing) Aluminium
Protection finishing	20~25µm thickness anodized film for housing .Dark grey
Trim	Aluminium+glass
Glass	Tempered Glass T=4mm
Loading capacity	220kgs
Cable Gland	PG IP65
Gasket	PMQ silicone gasket seal
Accessories	
Bracket	Aluminium bracket
Barn door	Without barn door as standard, and with barn door as options
Packaging	
Inner box size	1068*85*75mm
Carton size	108.5*28*24 cm (6PCS / carton)

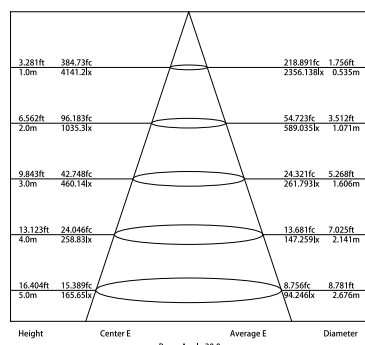
3 Years Warranty

Photometric Data (48W,3000K, 10x30°) & Illumination Picture

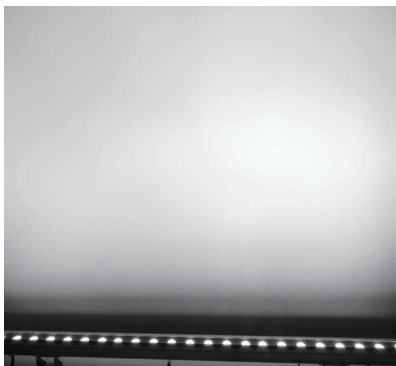
Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture



IP65 IK04



Standards

-IEC/EN60598-1,
-IEC/EN60598-2-1,
-IEC/EN60598-2-2.



Specialized in Exterior LED Lighting

LED HANDRAIL LIGHTS SERIES

Products Features

These products are designed with stainless steel 316 housing, optics PMMA reflector with wonderful light output, silicone gasket and silicone glue for waterproof IP67 and high quality CREE LED.

The handrail light DL-1014-0100-A is suitable for standard handrail with $\varnothing 48 \sim 60 \text{mm}$, and wall thickness of 1~2mm for a $\varnothing 27 \text{mm}$ hole, and With PC spring for fast recessed installation.

These handrail lights can be easily and fast retrofitted into existing handrail

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 handrail in multiple places, such as handrail at the house, handrail in the metro, handrail in the gallery, handrail for the stair etc.

SSS 316

3 Years Warranty

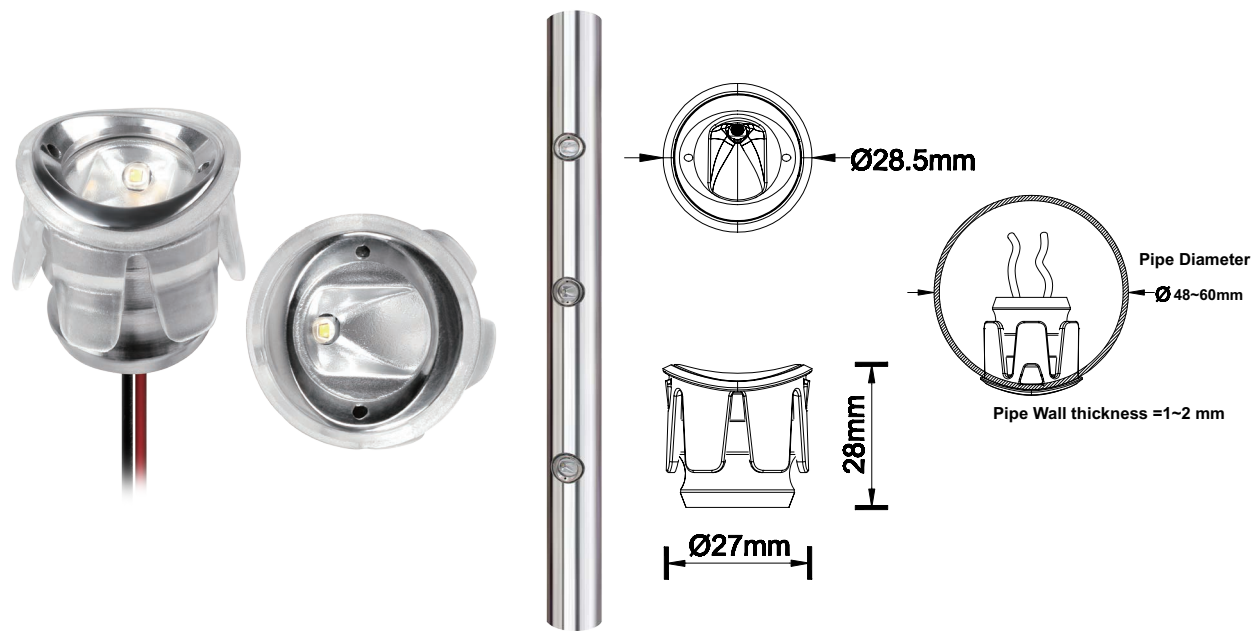


IP67 IK06





PLAYLED.



General Data

Item No.	DL-1014-0100-A
Power	1.5 watts $\pm 10\%$
LED type	1 PC 1W CREE XPE LED
Luminous flux	76~95 lm
CCT	2700K, 3000K, 4000K, 5000K, 6000K
CRI	80+
Beam angle	30°x60° (Tilt x Pan)
Dimension	28.5 x 28 (mm) Diameter x Height
Cut out	27
Net weight	0.048kgs
Warranty	3 years
Certifications	CE, RoHS

Electrical Data

Input voltage	DC12V / DC24V
Insulation class	Class III
Cable	1PC teflon cable 0.25M 2*0.3mm square
Driver	low voltage constant current output, excluding the transformer

Construction Data

IP rating	IP67 Waterproof
IK rating	IK06
Housing	Stainless steel 316
Protection finishing	Stainless steel 316
Trim	Stainless steel 316
Glass	/
Loading capacity	110 kgs
Cable Gland	/
Gasket	O-ring PMQ silicone seal

Accessories

Spring	PC spring for recessed installation
Clip	SS304 clip for taking off the fixture from the handrail

Packaging

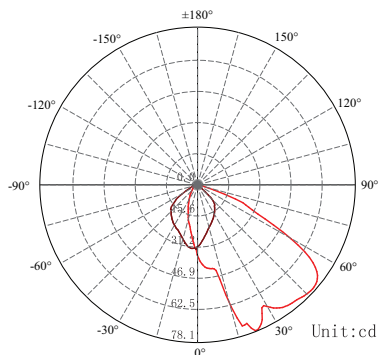
Inner box size	60*60*40 mm
Carton size	32.5*26*22 cm (100PCS / carton)

SSS 316

3 Years Warranty

Photometric Data (3000K, 30°x60°)

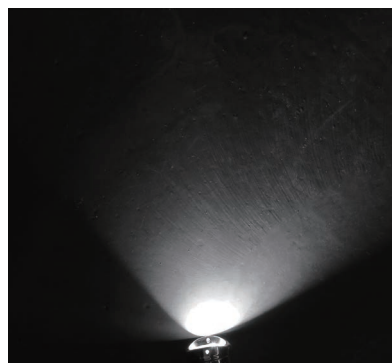
Light Distribution Curve [Unit: cd]



Lux distance Curve

Height	Center E	Beam Angle: 59.2	Average E	Diameter
3.281ft	3.003fc		2.117fc	3.726ft
1.0m	32.32lx		22.790lx	1.136m
6.562ft	0.751fc		0.529fc	7.453ft
2.0m	8.080lx		5.698lx	2.272m
9.843ft	0.334fc		0.235fc	11.179ft
3.0m	3.591lx		2.532lx	3.407m
13.123ft	0.188fc		0.132fc	14.906ft
4.0m	2.020lx		1.424lx	4.543m
16.404ft	0.120fc		0.085fc	18.632ft
5.0m	1.293lx		0.912lx	5.679m

Illumination Picture



IP67 IK06



Standards

-IEC/EN60598-1,
-IEC/EN60598-2-1,
-IEC/EN60598-2-2.

"Specification change without prior notification or public announcement."

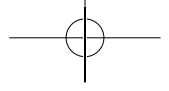
www.Modernlite-light.com



Standards

-IEC/EN60598-1,
-IEC/EN60598-2-1,
-IEC/EN60598-2-2.





ACCESSORIES SERIES

Products Features

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

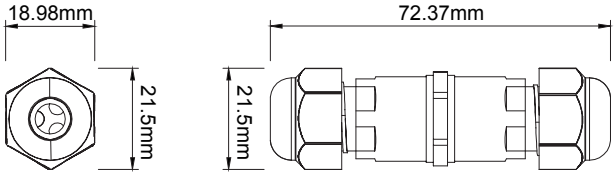
Application

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



3 Years Warranty

IP68 IK09 IK10



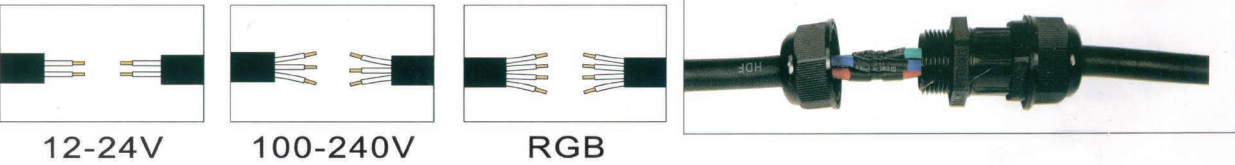
General Data	
Item No.	WRC-AI
For cable	Min. 2 or 3x0.5mm ² ,Max. 2 or 3x1mm ² (For 2pins or 3 pins)
For cable diameter	Diameter 5mm~7.5mm
Terminal block	2 or 3 poles . Screws fixing
Dimension	21.5x72.37mm (Length x Diameter)
Net weight	0.02 kgs
Warranty	3 years
Electrical Data	
Voltage range	9A 450v @ max. It's usually for both of DC12V~DC24V or AC100~240V. single color

Construction Data	
IP rating	IP68
IK rating	IK10
Housing	Nylon materials PA66, V2
Pole	2 or 3 poles ,Copper, nickel plated.
Gasket	PMQ silicone gasket seal

3 Years Warranty

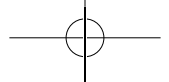
Parallel Circuit Connecting Drawing

Wiring Diagram



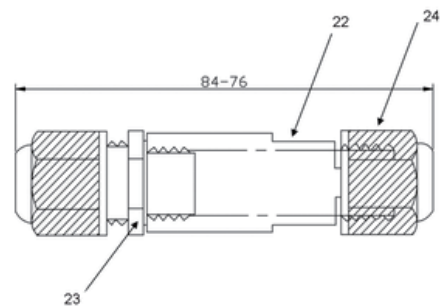
IP68 IK10

ACCESSORIES SERIES



PLAYLED.

PLAYLED.



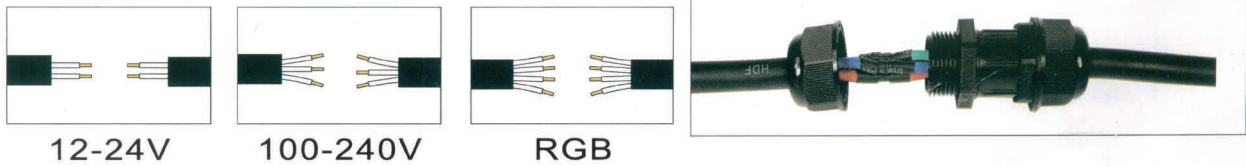
General Data	
Item No.	WRC-A-I (L)
For cable	Min. 2 or 3 or 4 x0.5mm ² ,Max. 2 or 3 or 4 x1.5mm ² (For 2pins or 3 pins or 4 pins)
For cable diameter	9mm~12mm as standard. (5~9mm as optional according to the order)
Terminal block	2 or 3 or 4 poles . Screws fixing
Dimension	23.8x75.8mm(Diameter x Length)
Net weight	0.03 kgs
Warranty	3 years
Electrical Data	
Voltage range	24A,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, V2
Pole	2 or 3 or 4 poles ,Copper, nickel plated.
Gasket	PMQ silicone gasket seal

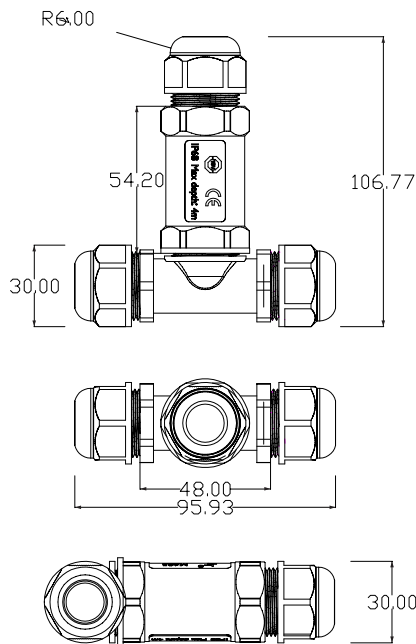
3 Years Warranty

Parallel Circuit Connecting Drawing

Wiring Diagram



IP68 IK10



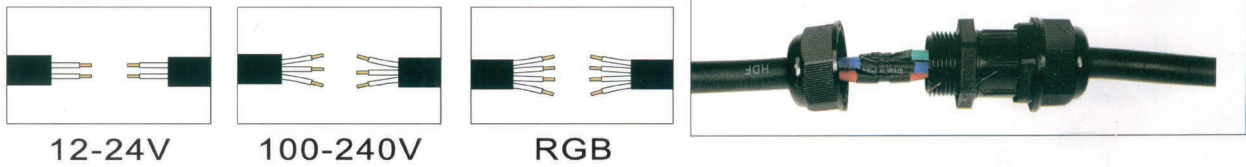
General Data	
Item No.	WRC-A-T
For cable	Min. 0.5mm ² max . 4mm ²
For cable diameter	Diameter 4mm~8mm as standard (8~12mm or 10~14mm as optional according to the order)
Terminal block	2 or 3 or 4 or 5 poles as options . Screws fixing
Dimension	95.93x106.77mm(Width x Length)
Net weight	0.06 kgs
Warranty	5 years
Electrical Data	
Voltage range	24A,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, V2
Pole	2 or 3 or 4 or 5 poles ,Copper, nickel plated.
Gasket	PMQ silicone gasket seal

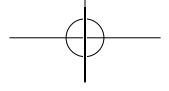
3 Years Warranty

Parallel Circuit Connecting Drawing

Wiring Diagram

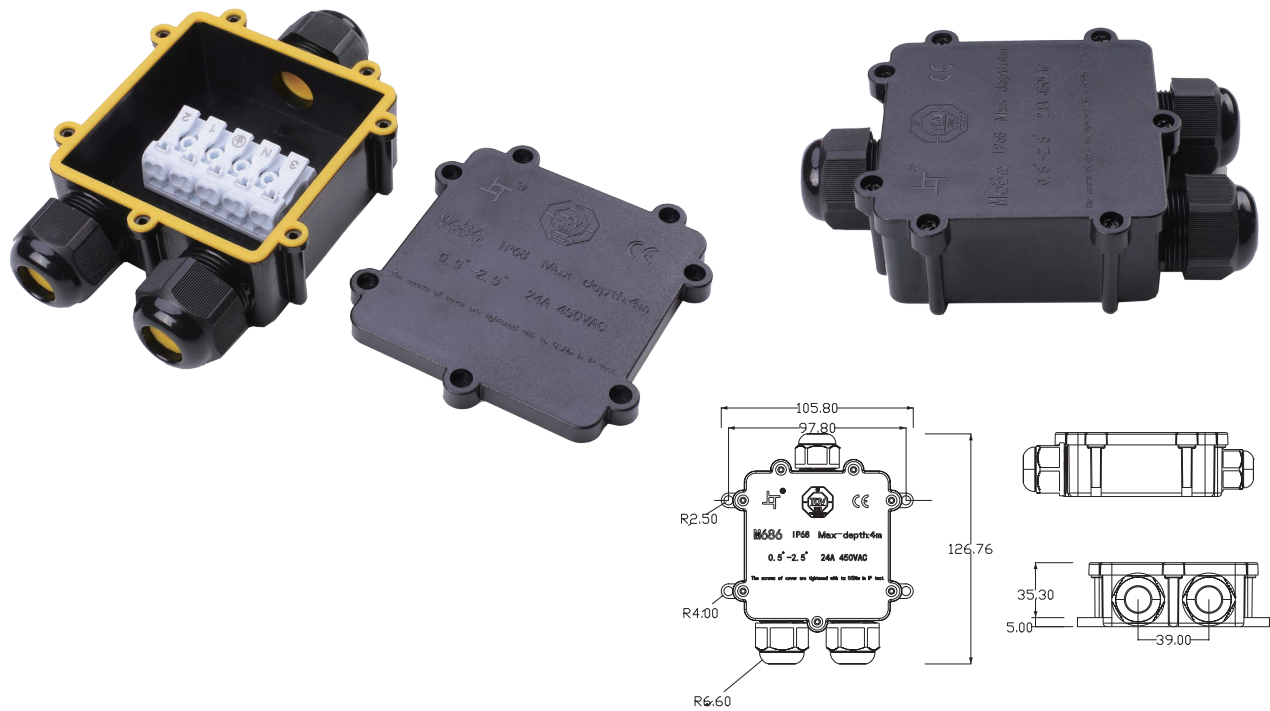


IP68 IK10



PLAYLED.

PLAYLED.



General Data	
Item No.	WRCC-Box
For cable	Min. 0.5mm ² max . 4mm ²
For cable diameter	Diameter 4mm~8mm as standard (8~12mm or 10~14mm as optional according to the order)
Terminal block	2 or 3 or 4 or 5 poles as options . Screws fixing
Dimension	95.93x106.77mm(Width x Length)
Net weight	0.08 kgs
Warranty	3 years
Electrical Data	
Voltage range	24A,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, V2
Pole	2 or 3 or 4 or 5 poles ,Copper, nickel plated.
Gasket	PMQ silicone gasket seal

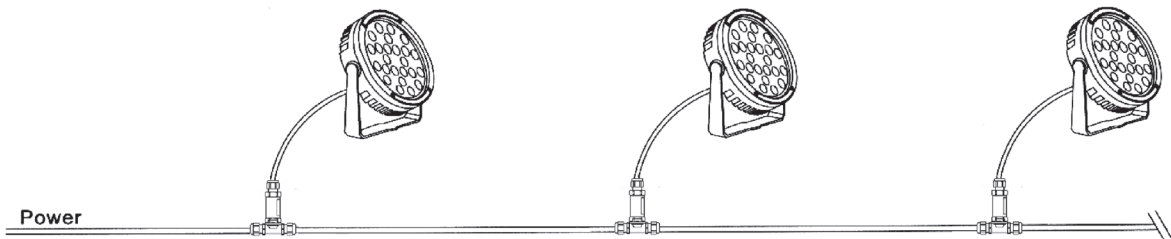
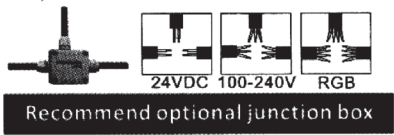
3 Years Warranty

ACCESSORIES SERIES

ACCESSORIES SERIES

Parallel Circuit Connecting Drawing

Connection Demo



IP68 IK10

Standards

-IEC/EN60598-1,
-IEC/EN60598-2-1,
-IEC/EN60598-2-2.