

QUALITY BUILDS YD,
SINCERITY NEVER CHANGES

———— Since 1984 ————

YD[®] ILLUMINATION

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YD[®] ILLUMINATION

2026 1st Edition

YD[®] ILLUMINATION

YD DOUBLE PROTECTION
LED PR[●]DUCTS
CATALOGUE

Quality builds YD
Sincerity never changes

- Since 1984 -

YD ENTERPRISE INTRODUCTION



Scan and download
"Product Catalog"



Scan and download
"Classic Case Book"

Founded in 1984, YD is based in Linping, Hangzhou National Economic & Technological Development Zone, with two modern manufacturing plants covering a total area of 80,000 square meters. YD integrates R&D, intelligent manufacturing and global sales into one operation.

YD Key Pillars:

1. Double Protection LED waterproof technology with fully independent intellectual property rights, ensuring long-term, stable operation of the lighting fixtures in complex outdoor environments.
2. Independently develop a city-level smart management cloud platform and intelligent interactive control system that integrate AI large models, IoT, and big data technologies, enabling intelligent management, remote control, and digital operations for urban landscape and cultural tourism lighting.
3. Successfully developed world-leading industrial-grade FDM polymer materials and intelligent 3D printing equipment, establishing an end-to-end solution—spanning material formulation, equipment manufacturing, and process optimization—that enables rapid manufacturing, personalized customization, and large-scale industrial application.

YD specializes in urban landscape and cultural tourism lighting systems, driving innovation in smart lighting products with cutting-edge technology. As a pioneer in outdoor landscape lighting, YD is also a key leader in the global lighting industry.

YD® as a renowned international outdoor lighting brand, illuminates the world with superior technology. YD serves clients in over 80 countries including China, the United States, France, the United Kingdom, Australia, the United Arab Emirates and Saudi Arabia, with more than 30,000 completed projects delivered worldwide.



CONTENTS

All products can be customized

LED Point Light

Control Method: ON/OFF、SPI、DMX512、RDM LED Color: Single Color、Double Color、RGB、RGBW
Constant Power、DC48V Please check product parameters for product details



Round LED Point Light
0.3W~5.5W
P03



Rectangular LED Point Light
0.5W~2W
P11



Irregular-Shaped LED Point Light
3W~15W
P15



Decorative LED Point Light
1.5W~5.5W
P17

LED Linear Light

Control Method: ON/OFF、SPI、DMX512、RDM LED Color: Single Color、Double Color、RGB、RGBW
Constant Power、DC48V Please check product parameters for product details



Super Bright Linear Light
7.5W~15W
P21



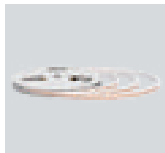
Uniform Linear Light
12W~15W
P25



Recessed Linear Light
12W~15W
P29

Flexible LED Strip Light

Control Method: ON/OFF、SPI、DMX512、RDM LED Color: Single Color、Double Color、RGB、RGBW



Milky Soft LED Strip Light
10W~12W/m
P35



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Control Method: SPI Size can be customized



LED Decorative Media Screen
240W/m²
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High-Brightness LED Transparent Screen
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P55



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P61



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LED Wall Washer Light

Control Method: ON/OFF、SPI、DMX512、RDM LED Color: Single Color、Double Color、RGB、RGBW
Constant Power、DC48V Please check product parameters for product details



LED Wall Washer Light
7.5W~15W
P67



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12W~30W
P71



High Power LED Wall Washer Light
18W~72W
P75

LED Flood Light

Control Method: ON/OFF、SPI、DMX512、RDM LED Color: Single Color、Double Color、RGB、RGBW



Round LED Flood Light
3W~12W
P79



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6W~16W
P81



Modular LED Flood Light
64W~96W
P83



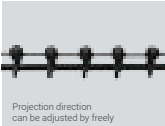
LED Step Light
3W~12W
P85



LED Corrugated Light
3W~6W
P87



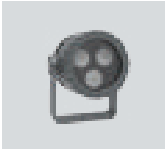
Flexible LED Chain Light
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P89



High Power Flood
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P91

LED Flood Light

Control Method: ON/OFF、SPI、DMX512、RDM LED Color: Single Color、RGB、RGBW



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3W~120W/m
P95



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3W~400W/m
P99



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3W~9W/m
P103



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P107

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Underwater Flexible
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10W~14W/m
P113



Underwater LED
Point Light
0.8W~2W
P115

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Control Method: ON/OFF、SPI、DMX512、RDM LED Color: Single Color、Double Color、RGB、RGBW



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0.8W~6.5W
P117



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1W~3W
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1.5W~15W
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1.5W~4.5W
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Control Method: ON/OFF、DMX512、RDM LED Color: Single Color、Double Color、RGB、RGBW



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P147

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Control Method: ON/OFF LED Color: Single Color



Round Wall Light
6W~18W
P151



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4W~32W
P153

LED Lawn Light

Control Method: ON/OFF LED Color: Single Color



01
4W



02
4W



03
9W



04
5W



05
6W

P156

LED String Light

Control Method: ON/OFF、SPI、DMX512、RDM LED Color: Single Color、Double Color、RGB、RGBW

P158



Static Single Color LED String 2.5W~6W

Static single color LED string light (Power adapter not included) 4W~6W

LED string with RGB dynamic color changing effect 2.5W~6W

LED string with RGB dynamic color changing effect (Power adapter not included) 2.5W~6W

RGB LED string light (Power adapter not included) 7.5W

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3D Printed Garden Light

Control Method: ON/OFF LED Color: Single Color

P160



01 36W

02 36W

03 36W*2

04 36W*2

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05 6W

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Control Method: ON/OFF LED Color: Single Color

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Coral Light 6W-18W

Tree Stump Light 2W

3D Printed Creative Light

Control Method: ON/OFF、SPI LED Color: Single Color、RGB

P168

The Theme of Nature



The Theme of Christmas



The Theme of Food



The Theme of Classical Style



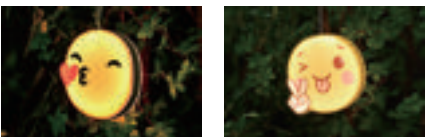
The Theme of Romance



The Theme of Digital Technology



The Theme of Emoticon

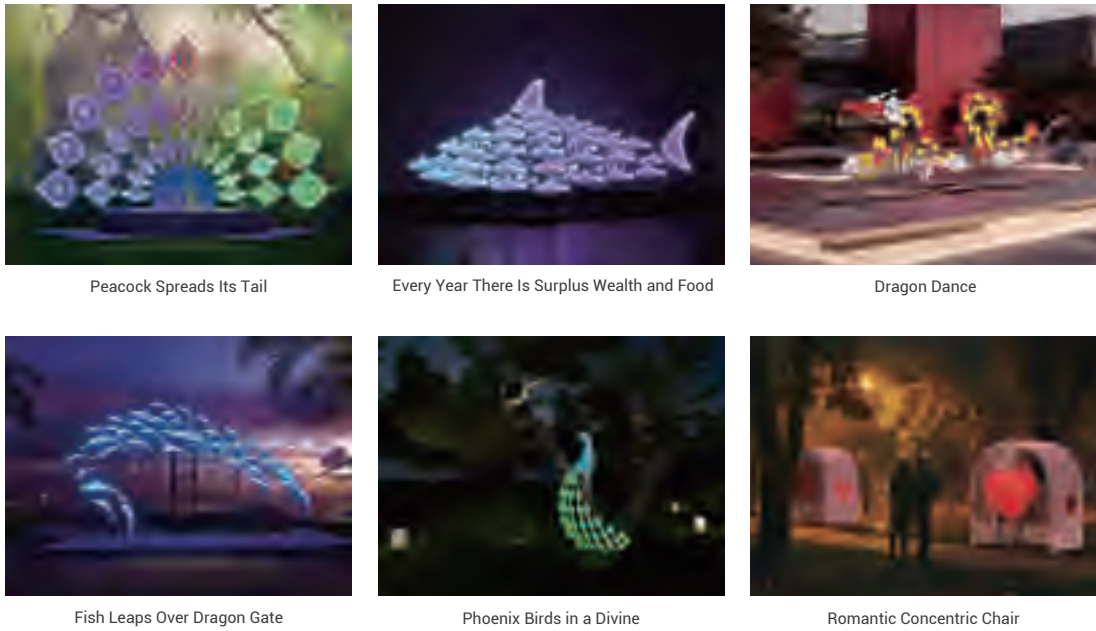


Customization for others

3D Printed Creative Light Sculpture

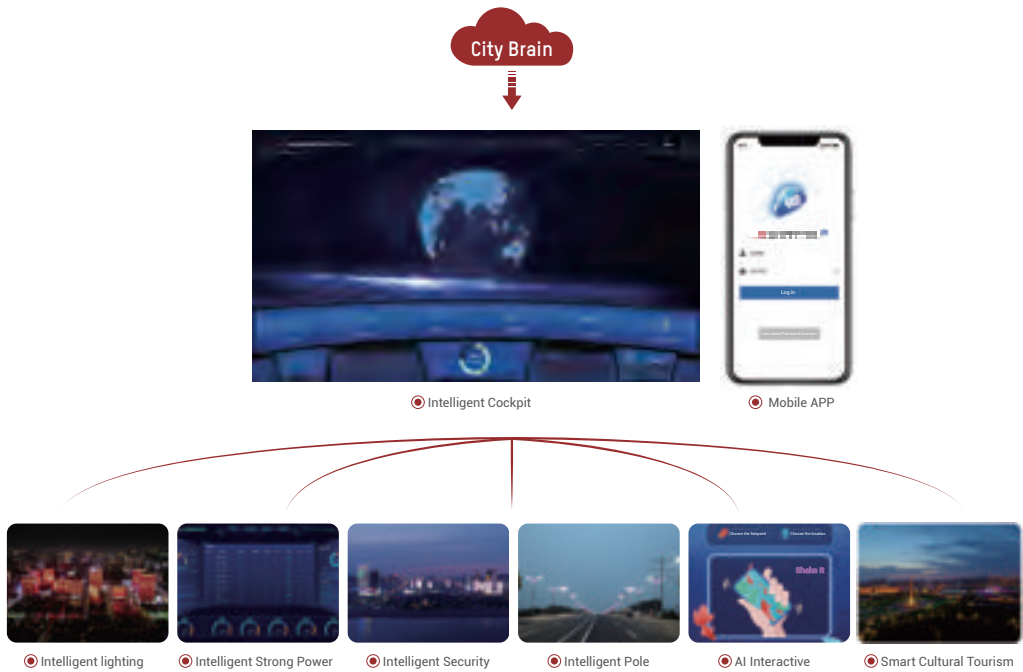
Control Method: ON/OFF, SPI LED Color: Single Color, RGB

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Strong Current Control	Switch Extended Module	Electrical Parameter Measurement Expansion
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Intelligent Light Pole and Street Light Control

Intelligent Light Pole	Street Light Control
P248	P250

LED Street Light

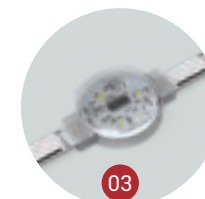
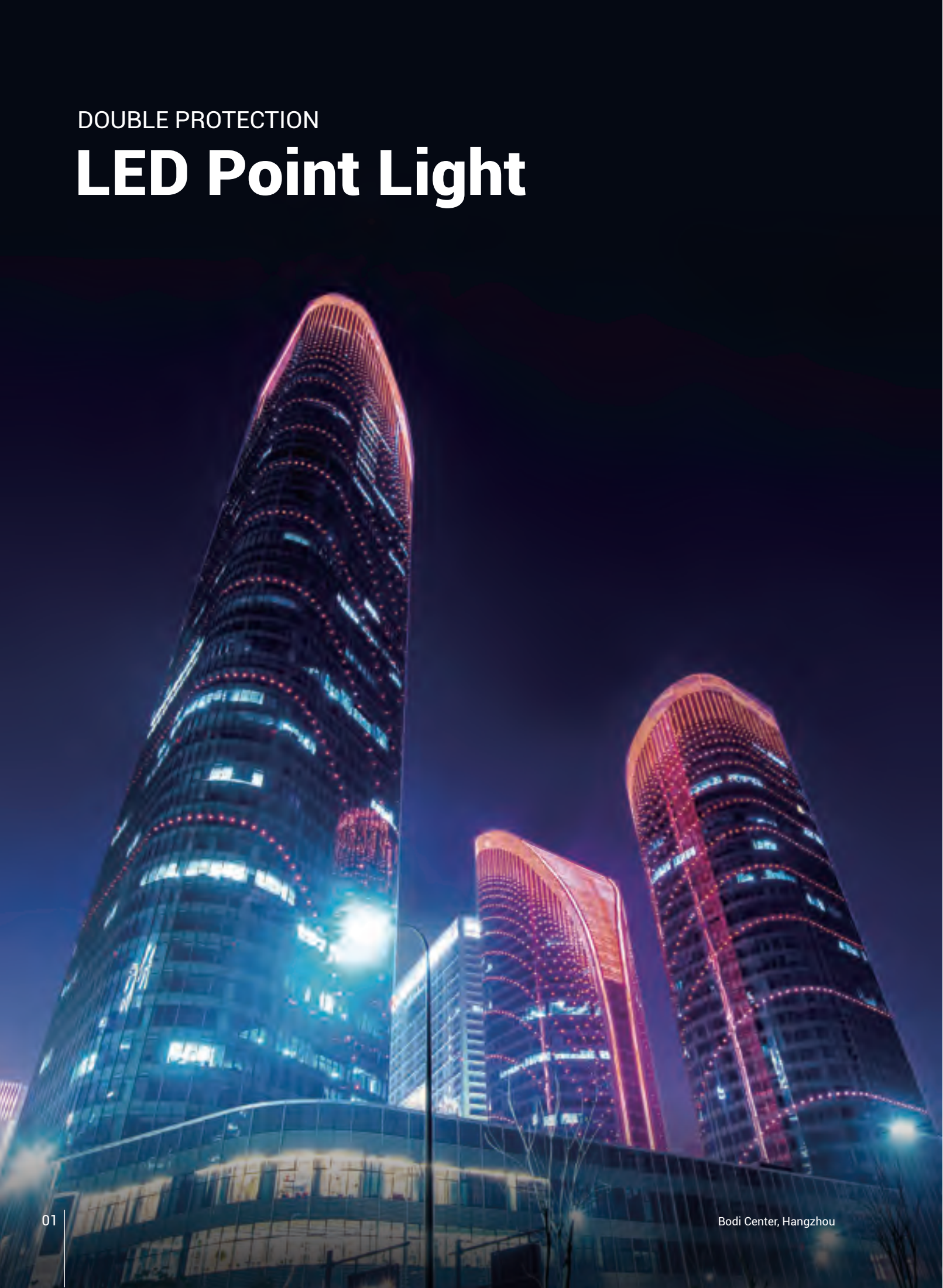
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Classic Cases

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DOUBLE PROTECTION

LED Point Light



Round LED Point Light



Rectangular LED Point Light



Irregular-Shaped LED Point Light



Decorative LED Point Light

Product Features

Utilizes fully independent intellectual property rights with modified Macromolecule Alloy material and double protection technology. The luminaire achieves the highest protection grades of IP68, with a flame retardancy rating of V-0. Its UV resistance and anti-aging properties meet the requirements for stable and long-term outdoor use.

Applications

Primarily used for large-scale building media screens, medium to large outdoor advertising screens, canopy screens, semi-transparent screens, etc. This product is also used in intelligent landscape lighting for high-rise buildings, bridges, stadiums, Ferris wheels, light sculptures, and various irregular architectural structures. It is used as an integrated light source in various outdoor luminaires with high waterproof requirements. Beyond outdoor applications, this product is extensively utilized in indoor intelligent lighting for bars, KTVs, large commercial complexes, and other indoor places.

ROUND LED POINT LIGHT

Double Protection LED Point Light



Derui lane in Cixi, Ningbo

Main Performance

- Utilizes fully independent intellectual property rights with modified macromolecule alloy material and double protection technology.
- Achieves the highest protection rating of IP68, flame retardancy rating of V-0, and possesses UV resistance and aging resistance capabilities.
- Suitable for stable and long-term outdoor use.
- It has conventional, DC48V, RDM and constant power different series to meet the multiple requirements of outdoor lighting.

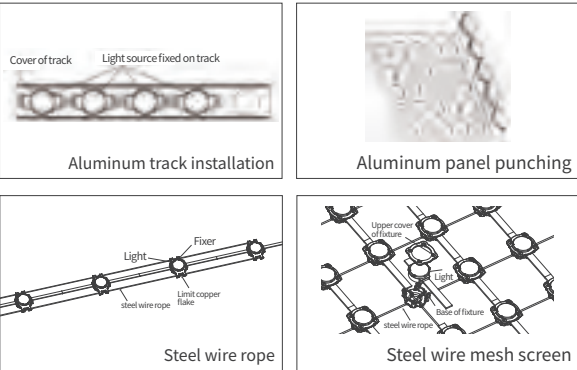
Application Scene

Primarily used for large-scale building media screens, medium to large outdoor advertising screens, canopy screens, semi-transparent screens, etc. This product is also used in intelligent landscape lighting for high-rise buildings, bridges, stadiums, Ferris wheels, light sculptures, and various irregular architectural structures. It is used as an integrated light source in various outdoor luminaires with high waterproof requirements. Beyond outdoor applications, this product is extensively utilized in indoor intelligent lighting for bars, KTVs, large commercial complexes, and other indoor places.

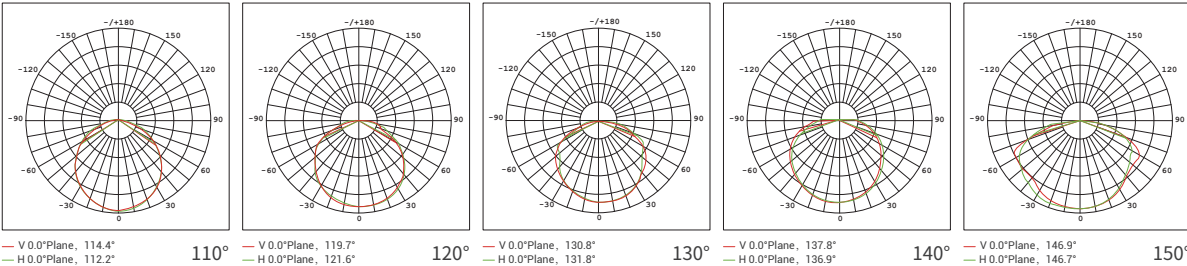
Features

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
IK Grade:	IK10
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC、CQC

Installation Method



Luminosity Distribution



YD-DG20W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC12V	0.8W	RGB	SPI	16cm	110°

YD-DG20W (ZA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC5V	0.3W	RGB	DMX512	17cm	110°

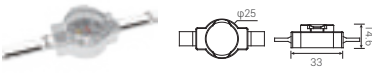
YD-DG20W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC12V	0.3W	W	ON/OFF	13.5cm	140°
		DC5V	0.3W	RGB	SPI	13.5cm	110°
		DC12V	0.8W	RGB	SPI	13.5cm	110°

YD-DG20W (YA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	0.8W	RGB	DMX512	14cm	150°
		DC24V	1W	RGB+W	DMX512	14cm	110°

YD-DG20W (YA4)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	1W	RGB+W	DMX512	14cm	120°

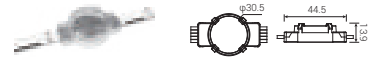
YD-DG25W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC48V (Wide Voltage)	0.7W	RGB	SPI	25cm	110°

YD-DG30W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC12V	0.3W	W	ON/OFF	17cm	120°

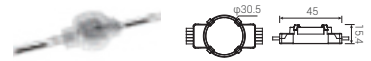
YD-DG30W (ZA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC12V	0.8W	RGB	DMX512	17cm	120°
		DC12V	1W	RGB+W	DMX512	17cm	120°

YD-DG30W (ZA2)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC48V (Wide Voltage)	0.8W	RGB	DMX512	17cm	110°
		DC48V (Wide Voltage)	1W	RGB+W	DMX512	17cm	110°

YD-DG30W (ZA3)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC48V (Wide Voltage)	0.8W	RGB	SPI	17cm	110°

YD-DG30W (ZA4)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC48V (Wide Voltage)	0.8W	RGB	SPI	17cm	110°

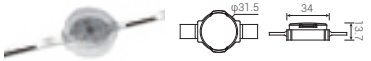
YD-DG30W (ZA5)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC12V	0.3W	W	ON/OFF	17cm	110°

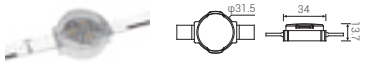
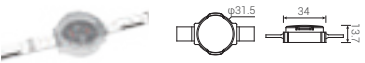
YD-DG30W (ZA6)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC12V	0.8W	RGB	DMX512	17cm	120°
		DC12V	1W	RGB+W	DMX512	17cm	120°

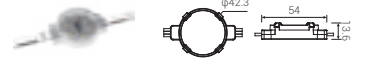
YD-DG30W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC12V	0.5W	W	ON/OFF	17cm	130°
		DC12V	0.5W	W	SPI	17cm	130°
		DC24V	1.3W	RGB	SPI	17cm	110°
		DC24V	1.3W	RGB+W	SPI	17cm	110°

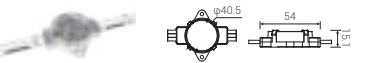
YD-DG30W (YA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC12V	0.5W	W	DMX512	17cm	140°
		DC12V	0.8W	RGB	DMX512	17cm	110°
		DC24V	1.2W	RGB	DMX512	17cm	110°
		DC12V	1W	RGB+W	DMX512	17cm	120°
		DC24V	1.3W	RGB+W	DMX512	17cm	130°
		DC12V	0.8W	RGB	DMX512	17cm	110°
		DC48V	1.2W	RGB	DMX512	17cm	130°
		DC48V	1.5W	RGB+W	DMX512	17cm	120°

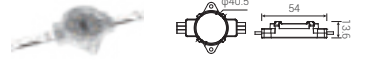
YD-DG40W (ZA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	2W	RGB+W	DMX512	18cm	120°

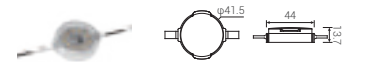
YD-DG40W (ZA2)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC48V (Wide Voltage)	1.5W	RGB	DMX512	18cm	110°
		DC48V (Wide Voltage)	2W	RGB+W	DMX512	18cm	110°

YD-DG40W (ZA4)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	2W	RGB+W	DMX512	18cm	120°

YD-DG40W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	1W	W	ON/OFF	17.5cm	120°
		DC24V	1W	W	SPI	17.5cm	120°

YD-DG40W (YA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	1.5W	RGB	DMX512	17.5cm	110°
		DC24V	2W	RGB+W	DMX512	17.5cm	110°
		DC24V	1.5W	RGB	DMX512	17.5cm	110°
		DC24V	2W	RGB+W	DMX512	17.5cm	110°
		DC24V (Constant Power)	1.5W	RGB+W	DMX512	17.5cm	140°
		DC48V	1.5W	RGB	DMX512	17.5cm	120°
		DC48V	2W	RGB+W	DMX512	17.5cm	120°

YD-DG50W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	1W	W	ON/OFF	23cm	110°

YD-DG50W (ZA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	1.5W	RGB	DMX512	23cm	110°

YD-DG50W (ZA2)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	1W	W	ON/OFF	23cm	110°

YD-DG50W (ZA3)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	1.5W	RGB	DMX512	23cm	110°

YD-DG50W (YA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	2W	RGB+W	DMX512	23cm	110°

YD-DG60W (ZA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	2W	W	DMX512	54cm	110°
		DC24V	4W	RGB+W	DMX512	54cm	110°

YD-DG60W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	2W	W	ON/OFF	54cm	120°

YD-DG60W (YA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	3W	W	DMX512	54cm	120°
		DC24V	3W	RGB	DMX512	54cm	110°

YD-DG70W (YA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	5.5W	RGB+W	DMX512	55cm	110°

RECTANGULAR LED POINT LIGHT

Double Protection LED Point Light



Main Performance

- Utilizes fully independent intellectual property rights with modified macromolecule alloy material and double protection technology.
- Boasts a high protection rating of IP68, flame retardancy rating of V-0, and features UV resistance and aging resistance capabilities.
- Transparent and ultra-thin design suitable for both indoor and outdoor use.
- It has conventional, DC48V, RDM and constant power different series to meet the multiple requirements of outdoor lighting.

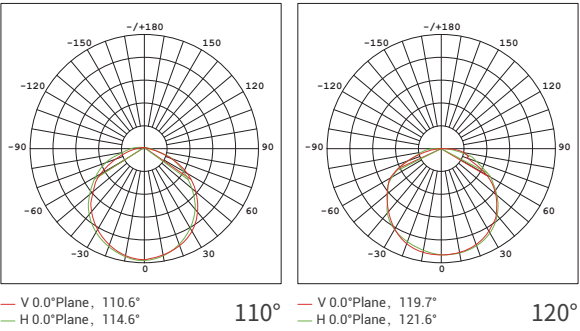
Application Scene

Used for large-scale projects such as viewing and landscape lighting for overpasses, rivers, and riverbanks. Suitable for outdoor, underground, and underwater (seawater) landscape lighting applications.

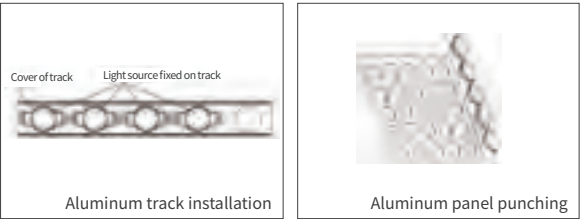
Features

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
IK Grade:	IK10
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE, FCC, CQC

Luminosity Distribution



Installation Method



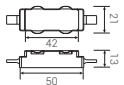
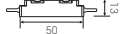
YD-DG16X60W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	0.5W	W	ON/OFF	20cm	110°
		DC12V	0.5W	W	SPI	20cm	110°
		DC12V	0.8W	RGB	SPI	20cm	110°

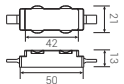
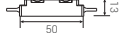
YD-DG16X60W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC12V	0.8W	RGB	SPI	19cm	110°

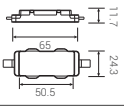
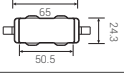
YD-DG17X50W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	1.5W	RGB	SPI	18cm	110°
		DC24V	1.2W	RGB+W	SPI	18cm	110°

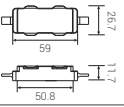
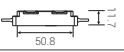
YD-DG17X50W (YA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	1.2W	RGB	DMX512	18cm	120°
		DC24V	1.5W	RGB+W	DMX512	18cm	120°

YD-DG23X60W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	1.5W	RGB	DMX512	19cm	110°
		DC24V	2W	RGB+W	DMX512	19cm	110°

YD-DG23X60W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC24V	1.5W	RGB	DMX512	19cm	110°
		DC24V	2W	RGB+W	DMX512	19cm	110°

Robam Electric Twin Towers, Hangzhou

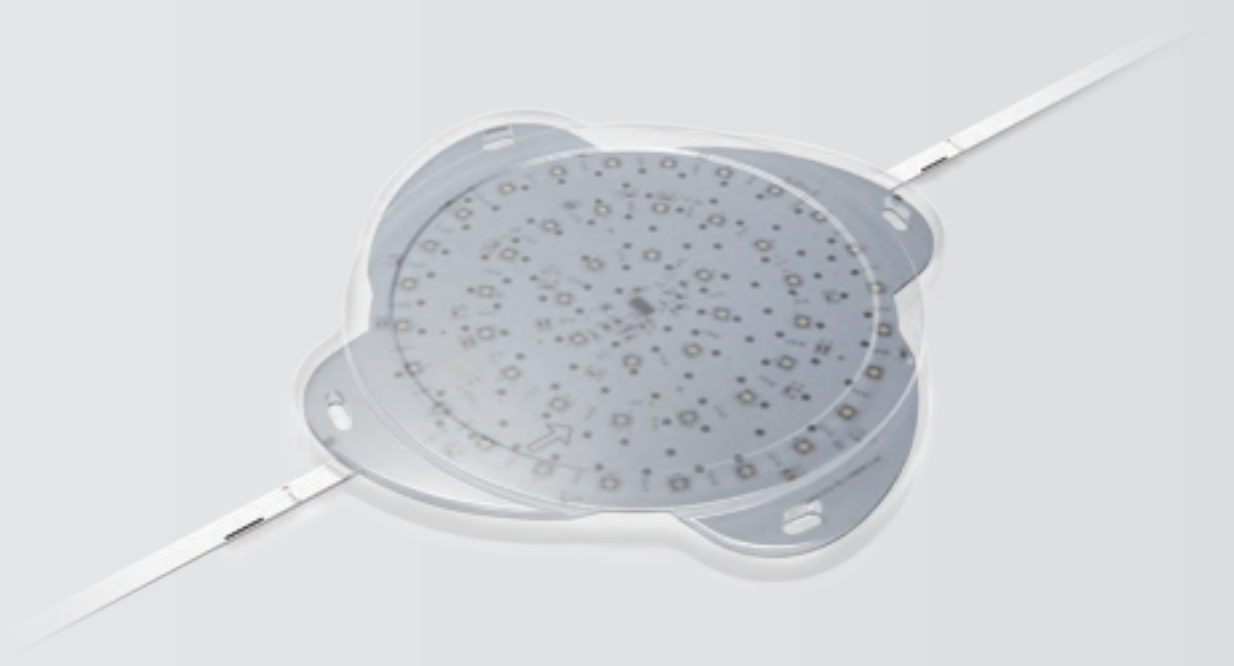


Fuchun River Night Cruise to Welcome Asian Games, Hangzhou



IRREGULAR-SHAPED LED POINT LIGHT

Double Protection LED Point Light



Main Performance

- Achieves high protection rating of IP68, suitable for long-term outdoor use in harsh conditions.
- Offers multiple installation methods for efficient and convenient installation.
- It has conventional, DC48V, RDM and constant power different series to meet the multiple requirements of outdoor lighting.

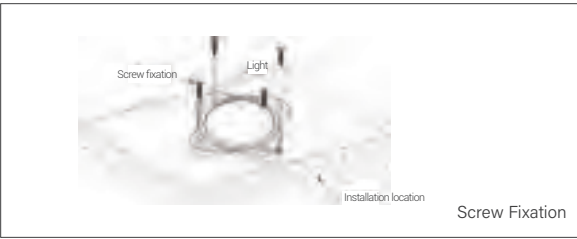
Application Scene

Used for large-scale projects such as viewing and landscape lighting for overpasses, rivers, and riverbanks.Suitable for outdoor, underground, and underwater (seawater) landscape lighting applications.

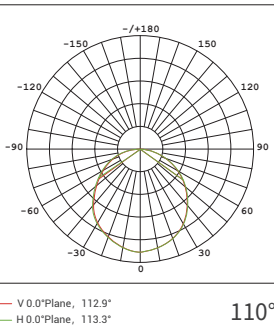
Features

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
IK Grade:	IK10
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、 FCC、 CQC

Installation Method



Luminosity Distribution



YD-DG120W (ZA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	3W	W	DMX512	110°

YD-DG250W (YA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	15W	RGB+W	DMX512	110°

DECORATIVE LED POINT LIGHT

Double Protection LED Point Light



Main Performance

- Achieves the highest protection rating of IP68, with a long product lifespan.
- Utilizes a diamond-shaped mask for 180° emission, creating a three-dimensional and dazzling lighting effect.
- It has conventional, DC48V, RDM and constant power different series to meet the multiple requirements of outdoor lighting.

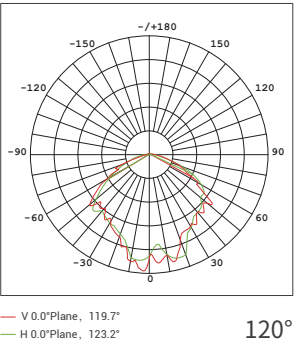
Application Scene

Used for lighting applications in pedestrian bridges, elevated bridges, hotel building facades, commercial clubs, and similar architectural settings.

Features

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~-55°C / -40°F~+131°F
Product Certification :	CE、FCC、CQC

Luminosity Distribution



Installation Method



YD-DG70W (YE)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	2W	RGB+W	DMX512	120°

YD-DG85W (YE)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	1.5W	W	DMX512	120°

YD-DG100W (YE)

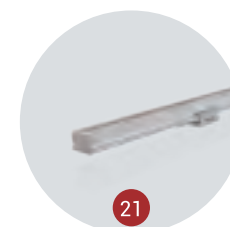
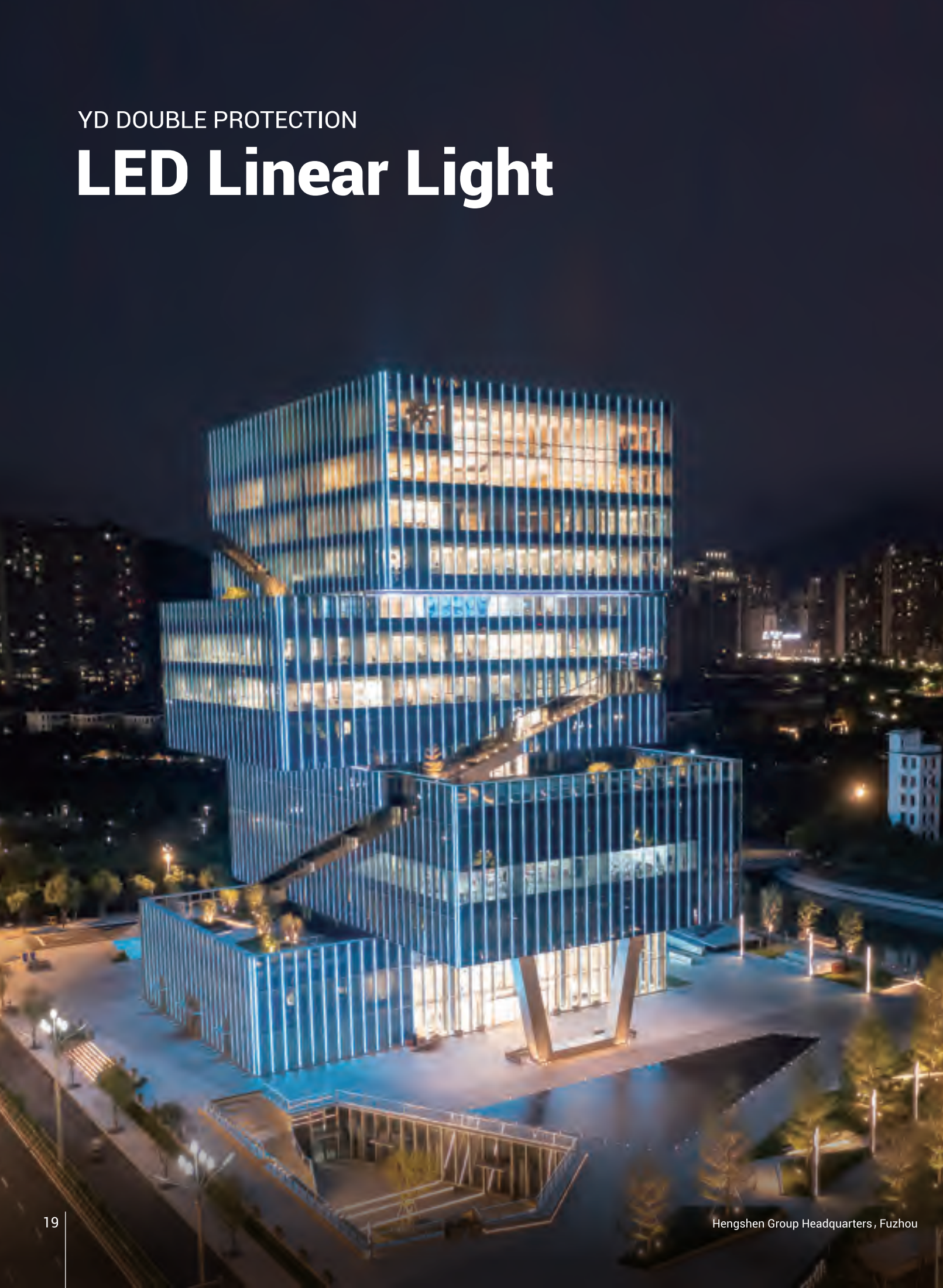
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	2W	W	ON/OFF	120°
		DC24V	4W	RGB+W	DMX512	120°

YD-DG120W (YE)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	3W	W	ON/OFF	120°
		DC24V	5.5W	RGB+W	DMX512	120°

YD DOUBLE PROTECTION

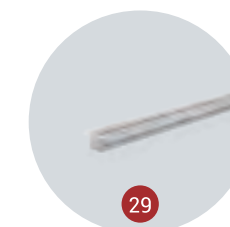
LED Linear Light



Super Bright Linear Light



Uniform Linear Light



Recessed Linear Light

Product Features

Adopted the macromolecule polymer alloy materials and double protection technology with completely independent intellectual property rights, the protection level of the lamps and lights reaches the highest IP68, the flame retardant level V-0, and the anti-UV and anti-aging performance reaches the requirement of stable and long time use in the outdoor area.

Applications

Mainly used for the outline of high-rise buildings, elevated and bridges; outline the parks, landscape, rivers and other occasions; also used for making curtain wall screen, translucent screen and other outdoor displays.

SUPER BRIGHT LINEAR LIGHT

Double Protection LED Linear Light



Main Performance

- It adopts the Macromolecule polymer alloy materials and double protection technology with completely independent intellectual property rights.
- The protection level of the lamp reaches the highest IP68, the flame retardant grade V-0, and the anti-UV and anti-aging performance meets the requirements of stable and long time use in outdoor.
- It has conventional, DC48V, RDM and constant power different series to meet the multiple requirements of outdoor lighting.

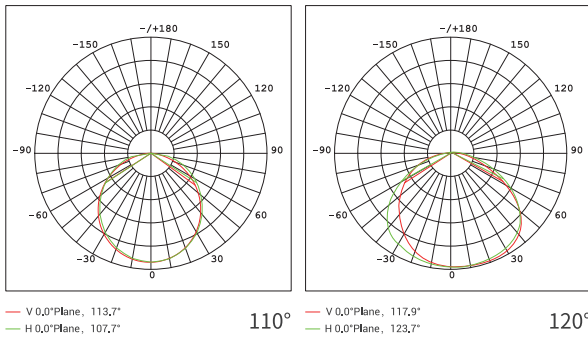
Application Scene

Mainly used for outlining the outline of buildings, elevated, overpasses. Outline the parks, gardens, scenic spots, river banks and other occasions. It can also be used to make large displays for building facades and curtain walls.

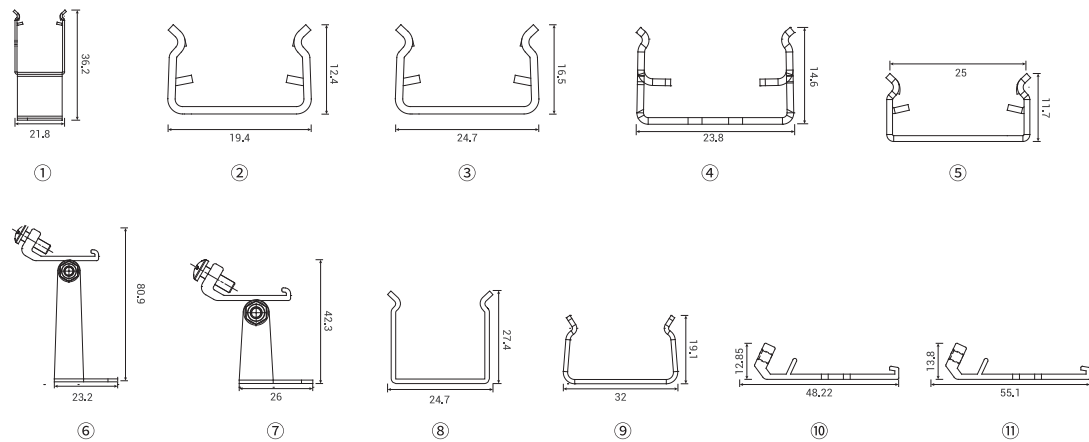
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE- FCC

Luminosity Distribution



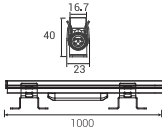
Fixtures Dimensions (mm)



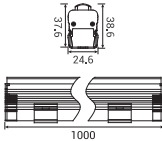
YD-XT17W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	R/G/B/W...	ON/OFF	/	110°	②
		DC24V	12W	R/G/B/W...	SPI	8	110°	②
		DC48V	12W	R/G/B/W...	SPI	8	110°	②
		DC24V	12W	RGB	SPI	8	110°	②
		DC24V	15W	RGB+W	SPI	8	110°	②
		DC24V	12W	R/G/B/W...	DMX512	8	110°	②
		DC24V	12W	RGB	DMX512	8	110°	②
		DC24V	15W	RGB+W	DMX512	8	110°	②
		DC24V	12W	RGB+W	DMX512	6	110°	②

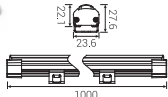
YD-XT17W (YA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC48V (Wide Voltage)	10W	RGB	DMX512	20	110°	①
		DC48V (Wide Voltage)	13W	RGB	DMX512	32	110°	①

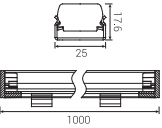
YD-XT18W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	R/G/B/W...	ON/OFF	/	130°	③
		DC24V	12W	R/G/B/W...	SPI	8	130°	③
		DC24V	12W	RGB	SPI	8	110°	③
		DC24V	15W	RGB+W	SPI	8	110°	③

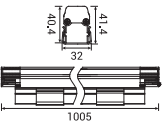
YD-XT18W (YA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	R/G/B/W...	ON/OFF	/	130°	④
		DC24V	12W	RGB	SPI	8	110°	④
		DC24V	15W	RGB+W	SPI	8	110°	④

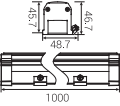
YD-XT22W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	RGB	DMX512	8	110°	⑤、⑥、⑦、⑧
		DC24V	15W	RGB+W	DMX512	8	110°	⑤、⑥、⑦、⑧
		DC24V	12W (Constant Power)	RGB+W	DMX512	8	120°	⑤、⑥、⑦、⑧

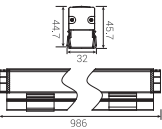
YD-XT22W (YA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	R/G/B/W...	DMX512	8	110°	⑨
		DC24V	12W	RGB	DMX512	8	110°	⑨
		DC48V	12W	RGB	DMX512	4	110°	⑨
		DC24V	15W	RGB+W	DMX512	8	110°	⑨
		DC48V	15W	RGB+W	DMX512	4	110°	⑨

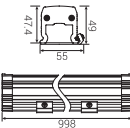
YD-XT25W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	7.5W	R/G/B/W...	DMX512	8	120°	⑩
		DC24V	12W	RGB	DMX512	8	120°	⑩
		DC24V	15W	RGB+W	DMX512	8	120°	⑩

YD-XT25W (ZA)

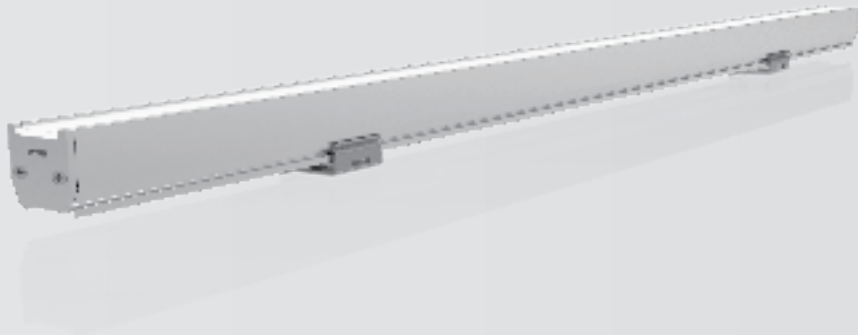
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	RGB	DMX512	8	110°	⑨

YD-XT40W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	15W	R/G/B/W...	ON/OFF	/	120°	⑬

UNIFORM LINEAR LIGHT

Double Protection LED Linear Light



Main Performance

- It adopts uniform light anti-glare design.
- It adopts Macromolecule polymer alloy materials and double protection technology with completely independent intellectual property rights.
- The protection level of the lamp reaches the highest IP68, the flame retardant level V-0, the anti-UV and anti-aging performance reaches the requirements of stable and long time use in the outdoor.
- It has conventional, DC48V, RDM and constant power different series to meet the multiple requirements of outdoor lighting.

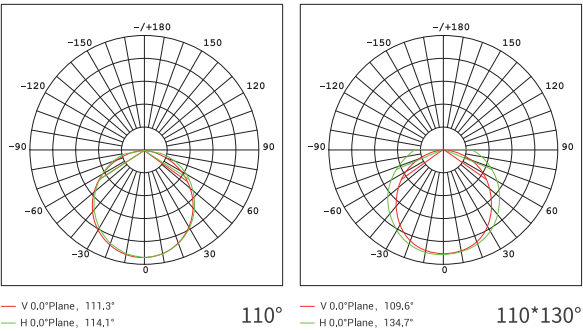
Application Scene

Mainly used for outlining the outline of high-rise buildings, elevated, bridges; parks, scenic spots, rivers and other occasions; can also be used to make curtain wall screens, translucent screens and other outdoor displays.

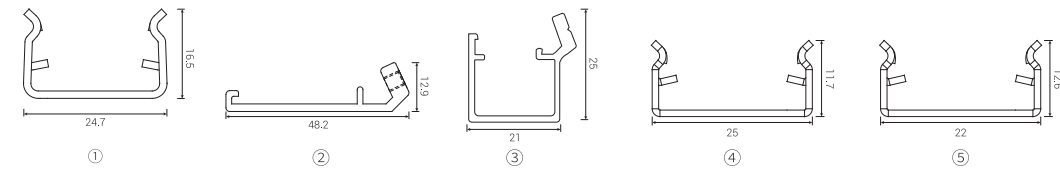
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC

Luminosity Distribution



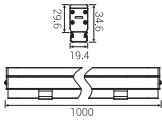
Fixtures Dimensions (mm)



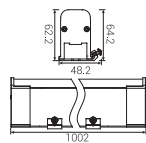
YD-XT17W(YB1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	R/G/B/W...	ON/OFF	/	110°	①、②
		DC24V	12W	R/G/B/W...	DMX512	8	110°	①、②
		DC24V	12W	RGB	SPI	8	110°	①、②
		DC24V	15W	RGB+W	SPI	8	110°	①、②
		DC24V	12W	RGB	DMX512	8	110°	①、②
		DC24V	15W	RGB+W	DMX512	8	110°	①、②

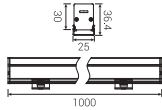
YD-XT17W(YB2)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
 		DC24V	12W	R/G/B/W...	ON/OFF	/	110°	①、②
		DC24V	12W	R/G/B/W...	DMX512	8	110°	①、②
		DC24V	12W	RGB	SPI	8	110°	①、②
		DC24V	15W	RGB+W	SPI	8	110°	①、②
		DC24V	12W	RGB	DMX512	8	110°	①、②
		DC24V	15W	RGB+W	DMX512	8	110°	①、②

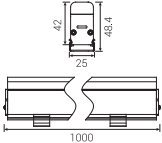
YD-XT22W (YB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
 		DC24V	12W	RGB	DMX512	8	110°	②
		DC24V	15W	RGB+W	DMX512	8	110°	②

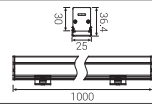
YD-XT22W (YB2)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
 		DC24V	12W	R/G/B/W...	DMX512	8	110°	①、②、③、④
		DC24V	12W	RGB	DMX512	8	110°	①、②、③、④
		DC24V	15W	RGB+W	DMX512	8	110°	①、②、③、④

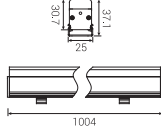
YD-XT22W (YB3)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
 		DC24V	12W	R/G/B/W...	DMX512	8	110°	①、②、③、④
		DC24V	12W	RGB	DMX512	8	110°*130°	①、②、③、④
		DC24V	15W	RGB+W	DMX512	8	110°*130°	①、②、③、④

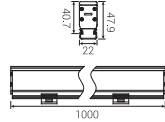
YD-XT22W (YB4)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
 		DC24V	12W	RGB	DMX512	8	110°	①、②、③、④

YD-XT22W (YB6)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
 		DC24V	12W	R/G/B/W...	DMX512	8	110°*130°	①、②、③、④
		DC24V	12W	RGB	DMX512	8	110°*130°	①、②、③、④
		DC24V	15W	RGB+W	DMX512	8	110°*130°	①、②、③、④

YD-XT22W (YB9)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
 		DC24V	12W	R/G/B/W...	DMX512	8	110°*130°	⑤
		DC24V	12W	RGB	DMX512	8	110°*130°	⑤
		DC24V	15W	RGB+W	DMX512	8	110°*130°	⑤
		DC48V	15W	RGB+W	DMX512	4	110°*130°	⑤

RECESSED LINEAR LIGHT

Double Protection LED Linear Light



Poly Sales Center , Quanzhou

Main Performance

- This LED linear light is a uniform light fixture which utilizes light guide material and adopts double protection linear light source as backlight.
- The protection level reaches IP68, with good even light effect, light bandwidth and other advantages.
- Lamps can be made into serial full-color and always bright and other colors, uniform light mixing.
- It has conventional, DC48V, RDM and constant power different series to meet the multiple requirements of outdoor lighting.

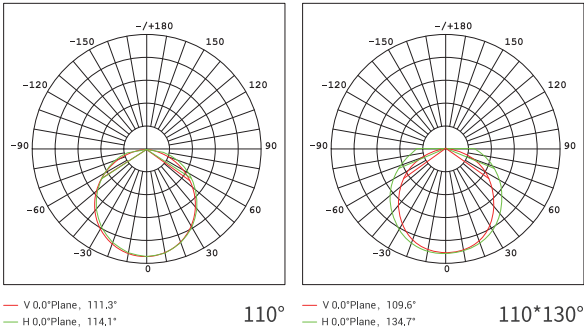
Application Scene

Suitable for guardrail of bridges and exterior wall decoration of buildings.

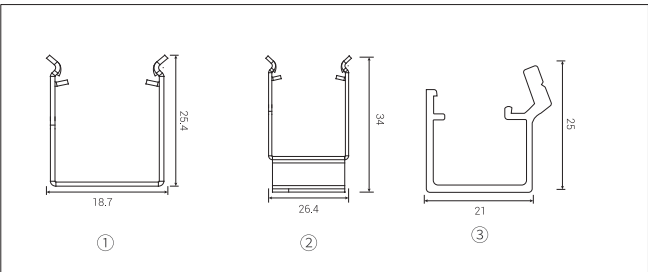
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC

Luminosity Distribution



Fixtures Dimensions (mm)



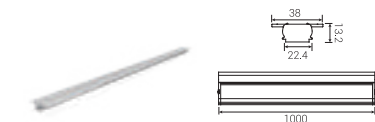
YD-XT17W (YA3)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	R/G/B/W...	DMX512	8	110°	①、②、③
		DC24V	12W	RGB	DMX512	8	110°	①、②、③
		DC24V	15W	RGB+W	DMX512	8	110°	①、②、③

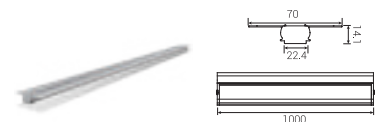
YD-XT17W (YA4)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	R/G/B/W...	DMX512	8	110°	①、②、③
		DC24V	12W	RGB	DMX512	8	110°	①、②、③
		DC24V	15W	RGB+W	DMX512	8	110°	①、②、③

YD-XT22W (YA4)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle
		DC24V	12W	R/G/B/W...	DMX512	8	110°
		DC24V	12W	RGB	DMX512	8	110°
		DC24V	15W	RGB+W	DMX512	8	110°

YD-XT22W (YA5)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle
		DC24V	12W	R/G/B/W...	DMX512	8	110°
		DC24V	12W	RGB	DMX512	8	110°
		DC24V	15W	RGB+W	DMX512	8	110°

YD-XT22W (YB7)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle
		DC24V	12W	RGB	DMX512	8	110°130°
		DC24V	15W	RGB+W	DMX512	8	110°130°



DOUBLE PROTECTION

Flexible LED Strip Light

For indoor, outdoor, underground and underwater(seawater)

- Uniform Light Emitting
- Can be curved in any direction
- Both ends merged, seamless splicing



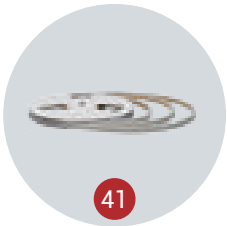
Milky Soft LED Strip Light



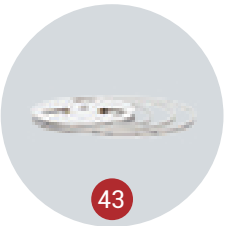
Three-Sided Uniform Flexible LED Strip Light



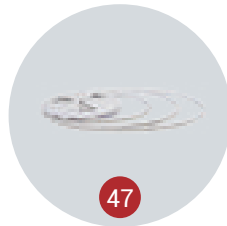
Flat Uniform Flexible LED Strip Light



COB Uniform Flexible LED Strip Light



High Brightness Flexible LED Strip Light



Flexible LED Strip Light with Lens

Product Features

Uniform light, anti-glare, flexible lamp body, can be shaped arbitrarily, no dark area after splicing, support dimmer, easy to install. It adopts Macromolecule polymer alloy materials, with high mechanical strength and service life far exceeding similar products in the market.

Applications

It can be widely used in various fields such as urban landscape lighting, cultural and tourism lighting, garden lighting, ship lighting, interior decorative lighting, festival lighting, etc. It can be used as a lamp or as a light source. It has the common characteristics of functional lighting and decorative lighting. It is a universal lighting product.

MILKY SOFT LED STRIP LIGHT

Double Protection Flexible LED Strip Light



Jiaozi Footbridge Lighting,Chengdu

Main Performance

- Uniform light, using self-developed uniform light encapsulation material.
- Ultra-thin design, easy to install in small spaces.
- Soft and silky, adapt to various shapes and curved surfaces of the installation.
- Efficient heat dissipation, can be used outdoors for a long time.

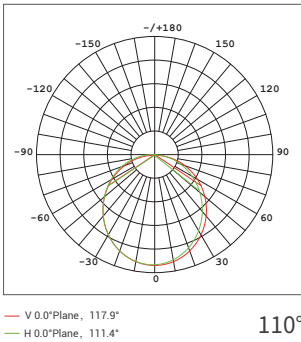
Application Scene

Can be used in building facade, landscape, bridge, sculpture, outdoor signs and other public places of landscape lighting; swimming pools, water features, underground and other high waterproof requirements of the landscape lighting; also applies to home, villa, luxury hotels, commercial complexes, exhibition halls and other indoor environment of the decorative lighting.

Features

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T16422.3-2014)
IK Grade:	IK10
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC、BIS

Luminosity Distribution



Installation Method



YD-RT14W (YB)

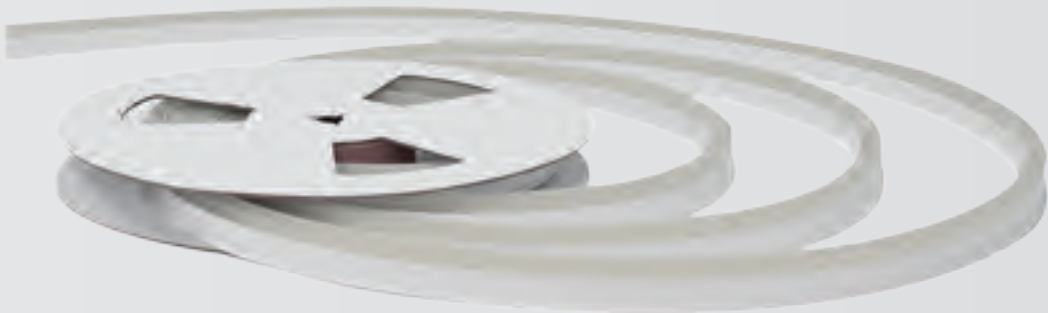
Product Photo	Size (mm)	Voltage	Power	LED Color	CCT	Control Method	Beam Angle
		DC24V	10W/m	W	3000K	ON/OFF	110°
		DC24V	12W/m	W	3000K	ON/OFF	110°

YD-RT18W (YB1)

Product Photo	Size (mm)	Voltage	Power	LED Color	CCT	Control Method	Pixel/m	Beam Angle
		DC24V	10W/m	W	3000K	SPI	8	110°
		DC24V	10W/m	RGB	/	SPI	8	110°

THREE-SIDED UNIFORM FLEXIBLE LED STRIP LIGHT

Double Protection Flexible LED Strip Light



Main Performance

- Uniform light and anti-glare, three-sided lighting design, wider illuminating angle.
- Flat-cut luminous end design, no dark area in splicing.
- The lamp body is flexible and can be shaped as desired.
- It can be used as a lamp or a light source.
- It is a versatile lighting product that combines the characteristics of functional lighting and decorative lighting.

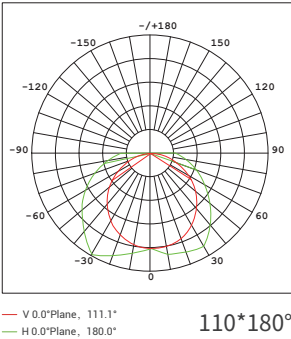
Application Scene

It can be widely used in various fields such as urban landscape lighting, cultural and tourism lighting, garden greening lighting, ship lighting, interior decoration lighting, festival lighting, etc.

Features

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
IK Grade:	IK10
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、 FCC、 BIS

Luminosity Distribution



Installation Method



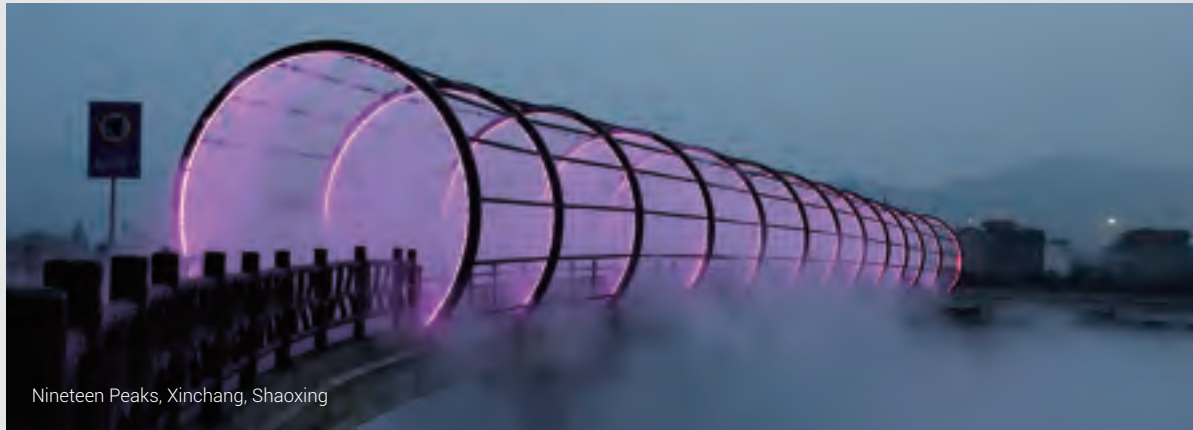
YD-RT13W (YB1)

Product Photo	Size (mm)	Voltage	Power	LED Color	CCT	Pixel/m	Control Method	Beam Angle
		DC24V	10W/m	W	3000K	/	ON/OFF	110°*180°
		DC24V	12W/m	W	3000K	/	ON/OFF	110°*180°
		DC24V	14W/m	RGB	/	10	SPI	110°*180°



FLAT UNIFORM FLEXIBLE LED STRIP LIGHT

Double Protection Flexible LED Strip Light



Nineteen Peaks, Xinchang, Shaoxing

Main Performance

- One-piece molding technology is used to prevent water vapor intrusion.
- Uniform light and anti-glare, the lamp body is flexible and can be shaped arbitrarily.
- Adopting Macromolecule polymer alloy materials, it has high mechanical strength.
- Waterproof side outlet allows for seamless splicing.

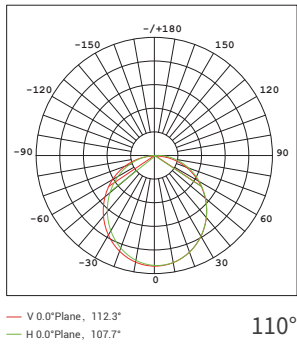
Application Scene

It can be widely used in various fields such as urban landscape lighting, cultural and tourism lighting, garden lighting, ship lighting, interior decorative lighting, festival lighting, etc. It can be used for a long time in harsh environments such as indoors, outdoors, underground, underwater (seawater), etc.

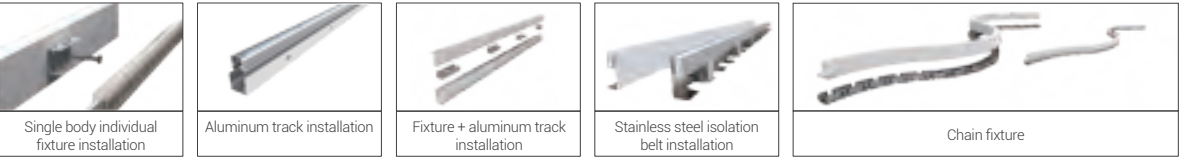
Features

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
IK Grade:	IK10
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC、BIS

Luminosity Distribution



Installation Method



YD-RT13W (YB)

Product Photo	Size (mm)	Voltage	Power	LED Color	CCT	Pixel/m	Control Method	Beam Angle
		DC24V	10W/m	W	3000K	/	ON/OFF	110°
		DC24V	12W/m	W	3000K	/	ON/OFF	110°
		DC24V	14W/m	RGB	/	10	SPI	110°

YD-RT18W (YB)

Product Photo	Size (mm)	Voltage	Power	LED Color	CCT	Pixel/m	Control Method	Beam Angle
		DC24V	15W/m	RGB+W	4000K	8	DMX512	110°

YD-RT18W (YB2)

Product Photo	Size (mm)	Voltage	Power	LED Color	Pixel/m	Control Method	Beam Angle
		DC24V	12W/m	RGB	8	DMX512	110°

COB UNIFORM FLEXIBLE LED STRIP LIGHT

Double Protection Flexible LED Strip Light



Main Performance

- Supports wide range of brightness adjustment, can replace linear lights, wall washers and indoor main lighting.
- With Chip Flip Technology, uniform light emitting without glare.
- The lamp body is flexible and can be bent and shaped at will, making it easy to install.
- It can achieve stepless dimming, full color change and other effects.

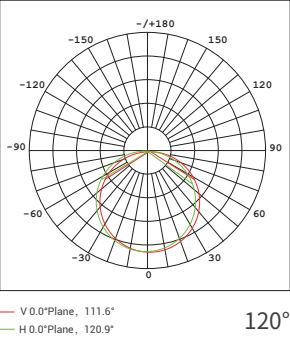
Application Scene

It is suitable for long-term use in various harsh environments such as indoor, outdoor, underground, and underwater (seawater) in buildings, hotels, riverbanks, and park scenic spots.

Features

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
IK Grade:	IK10
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、 FCC、 BIS

Luminosity Distribution



Installation Method



YD-RT16W (YB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	CCT	Beam Angle
		DC24V	10W/m	W	ON/OFF	3000K	120°
		DC24V	12W/m	W	ON/OFF	3000K	120°



HIGH BRIGHTNESS FLEXIBLE LED STRIP LIGHT

Double Protection Flexible LED Strip Light



Huanlian Grand Hotel, Zhejiang

Main Performance

- High light efficiency and wide illumination angle.
- Easily bend and shape to adapt to various complex installation environments and shape requirements.
- It can be used in conjunction with various sensors and terminal devices such as mobile phones and computers to achieve different effects of human-light interaction.

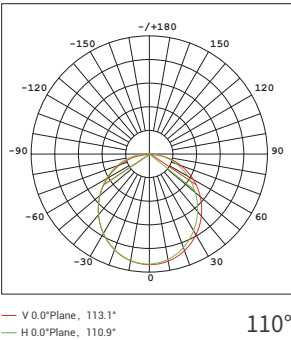
Application Scene

It is mainly used for lighting of buildings, parks and scenic spots, and media screens. It can also be used to outline the contours of large buildings, bridges and overpasses at a distance.

Features

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T16422.3-2014)
IK Grade:	IK10
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC、BIS

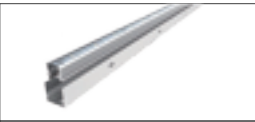
Luminosity Distribution



Installation Method



Single body individual fixture installation



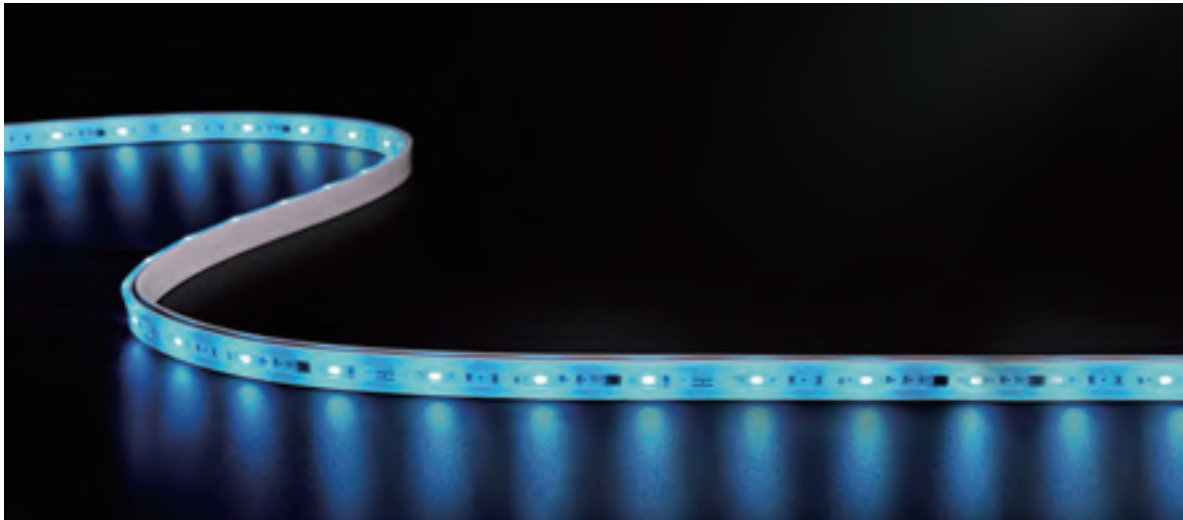
Aluminum track installation



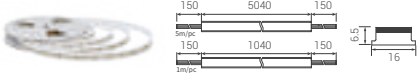
Fixture + aluminum track installation

YD-RT18W (YA)

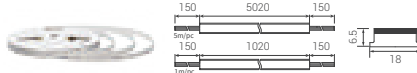
Product Photo	Size (mm)	Voltage	Power	LED Color	CCT	Pixel/m	Control Method	Beam Angle
		DC24V	12W/m	RGB	/	8	SPI	110°
		DC24V	15W/m	RGB+W	4000K	8	DMX512	110°
		DC24V	12W/m	RGB	/	8	DMX512	110°



YD-RT16W(YA1)

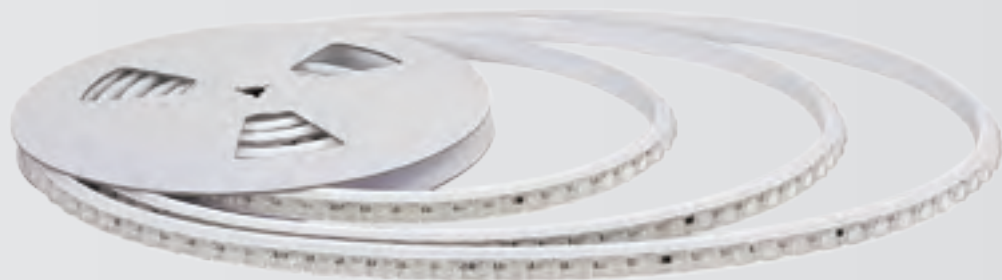
Product Photo	Size (mm)	Voltage	Power	LED Color	CCT	Control Method	Pixel/m	Beam Angle
		DC24V	12W/m	W	3000K	ON/OFF	/	110°
		DC24V	10W/m	W	3000K	ON/OFF	/	110°
		DC24V	7W/m	W	3000K	ON/OFF	/	110°
		DC48V	12W/m	W	3000K	ON/OFF	/	110°
		DC48V	10W/m	W	3000K	ON/OFF	/	110°
		DC48V	7W/m	W	3000K	ON/OFF	/	110°
		DC48V	5W/m	W	3000K	ON/OFF	/	110°
		DC24V	12W/m	W	3000K	SPI	8	110°
		DC24V	10W/m	W	3000K	SPI	6	110°
		DC24V	7.5W/m	W	3000K	SPI	8	110°
		DC24V	12W/m	W+W	3000K+6500K	SPI	8	110°
		DC24V	7.5W/m	W+W	3000K+6500K	SPI	8	110°

YD-RT18W(YA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	CCT	Control Method	Pixel/m	Beam Angle
		DC12V	7.5W/m	RGB	/	SPI	60	110°
		DC12V	7W/m	RGB	/	SPI	10	110°
		DC24V	14W/m	RGB	/	SPI	10	110°
		DC24V	12W/m	RGB	/	SPI	8	110°
		DC24V	9W/m	RGB	/	SPI	6	110°
		DC24V	7W/m	RGB	/	SPI	5	110°
		DC24V	12W/m	RGB	/	DMX512	8	110°
		DC24V	9W/m	RGB	/	DMX512	6	110°
		DC24V	15W/m	RGB+W	4000K	SPI	8	110°
		DC24V	12W/m	RGB+W	4000K	SPI	6	110°
		DC24V	15W/m	RGB+W	4000K	DMX512	8	110°
		DC24V	12W/m	RGB+W	4000K	DMX512	6	110°

FLEXIBLE LED STRIP LIGHT WITH LENS

Double Protection Flexible LED Strip Light



Economic Development Zone Comprehensive Environment, Keqiao, Shaoxing

Main Performance

- Built-in professional lens, high brightness, long projection distance, can replace linear lights, wall washers and indoor main lighting.
- Adopting Macromolecule polymer alloy materials, it has high mechanical strength.
- The lamp body is flexible and can be shaped arbitrarily.

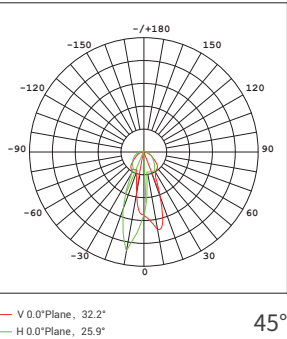
Application Scene

It can be used for a long time in various harsh environments such as indoor, outdoor, underground, and underwater (seawater), such as buildings, hotels, riverbanks, and park scenic spots.

Features

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
IK Grade:	IK10
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、 FCC、 BIS

Luminosity Distribution



Installation Method



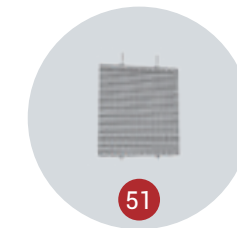
YD-RT18W (YA2)

Product Photo	Size (mm)	Voltage	Power	LED Color	CCT	Pixel/m	Control Method	Beam Angle
		DC24V	7W/m	W	3000K	/	ON/OFF	45°
		DC24V	14W/m	RGB	/	10	SPI	45°

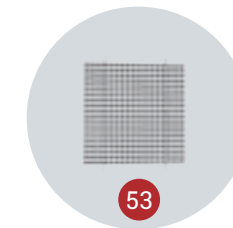


DOUBLE PROTECTION

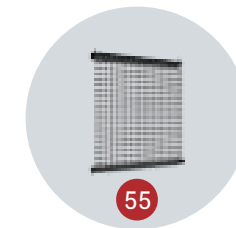
LED Media Screen (Transparent Screen)



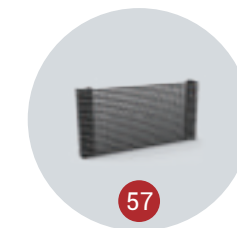
LED Decorative Media Screen



High-Brightness
LED Transparent Screen



LED Pixel Mesh Screen



LED Linear Screen

Product Features

Adopting Double protection technology, the product's protection level reaches the highest IP68, flame retardant grade V-0, anti-UV and anti-aging performance to achieve stable and long-lasting use requirements. Low wind resistance structure design, high altitude suspension has higher safety than traditional products. The size can be customized according to requirements. It can cooperate with all kinds of sensors and mobile phones, computers and other terminal equipment to achieve different effects of human-light interaction.

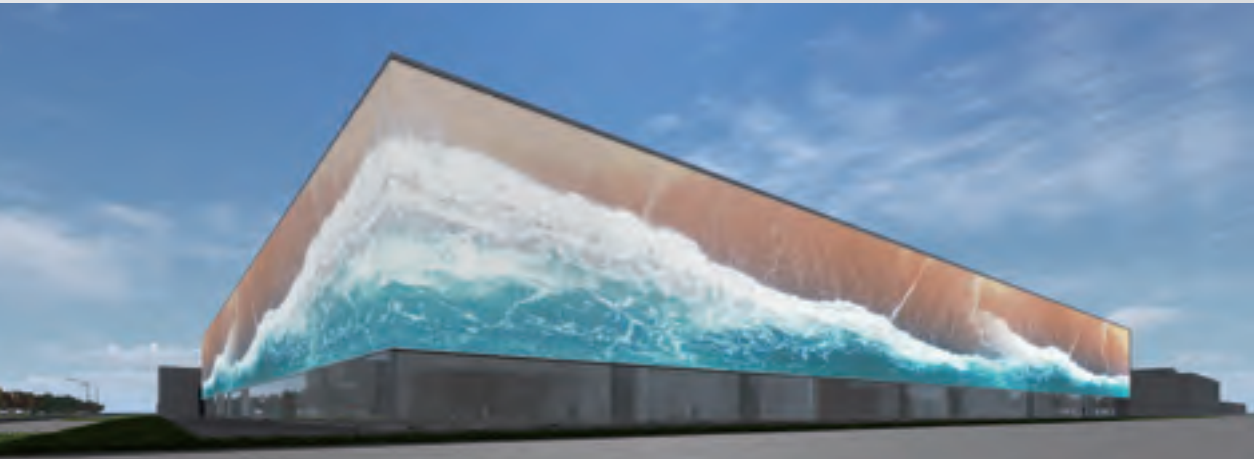
Applications

Suitable for glass curtain walls, building facades, large stadiums, stages, theme parks and other media screens.

LED DECORATIVE MEDIA SCREEN

LED Media Screen (Transparent Screen)

Lights on: Clear daytime visibility .
Lights off: Premium stainless steel decorative wall



Main Performance

- Can serve as a stainless steel decorative surface as well as a media display.
- High brightness enables daytime use.
- Features quick suspended installation and supports single-module removal for maintenance.
- IP68 top-level protection rating, Anti-salt spray, high and low temperatures resistance.

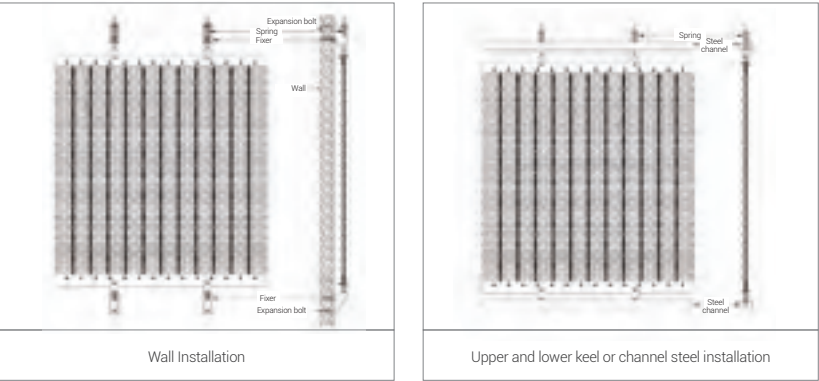
Application Scene

Suitable for hotels, shopping centers, commercial plazas, office buildings, building curtain walls and display screens.

Features (Built-in light source)

Protection Grade :	IP68
UV Grade :	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray :	48H
Anti-High And Low Temperature :	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、 FCC

Installation Method



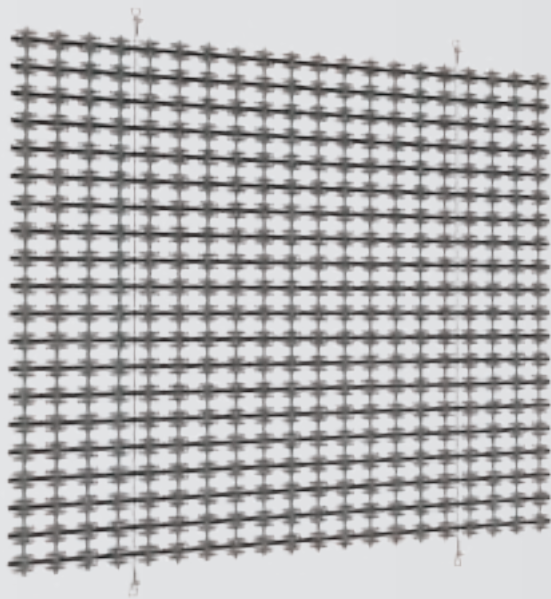
YD-TP17W (YB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel Pitch _(mm)	Number of Pixels (W*H)/m²
		DC24V	240W	RGB	SPI	P42.5*50	24*20(1m²)

HIGH-BRIGHTNESS LED TRANSPARENT SCREEN

LED Media Screen (Transparent Screen)

Flexible design for curved and custom-shaped installations;
Up to 60% transparency;
Single-pixel maintenance supported



Main Performance

- Supports irregular and curved surface installation. Quick suspended installation with customizable dimensions.
- High brightness for daytime use.
- IP68 top-level protection rating, suitable for humid, coastal, and high-salt-spray environments. Low maintenance cost and long lifespan.

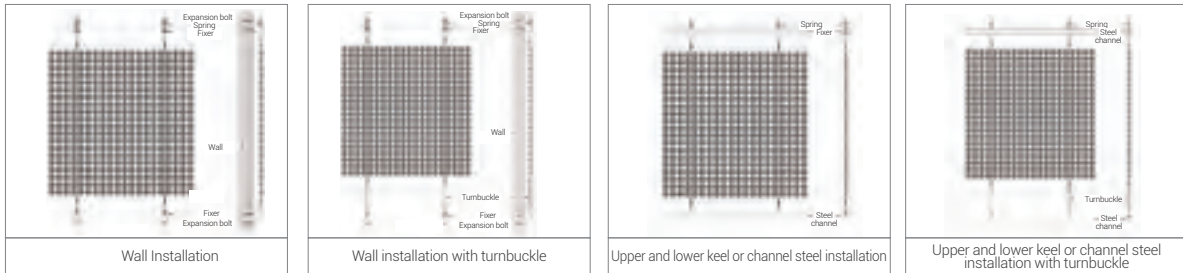
Application Scene

Suitable for hotels, shopping centers, commercial plazas, office buildings, building curtain walls and display screens.

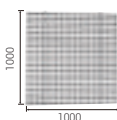
Features (Built-in light source)

Protection Grade:	IP68
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、 FCC

Installation Method



YD-WP36*33W (YB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel Pitch(mm)	Number of Pixels (W*H)/m²
		DC24V	400W	RGB	SPI	P25*25	40*40(1m²)

LED PIXEL MESH SCREEN

LED Media Screen (Transparent Screen)



Yulong River, Langfang, Hebei

Main Performance

- Use stainless steel wire mesh as light source fixing.
- Uses double protection point light source with plastic fixings for installation.
- Easy to install, maintain and transport.

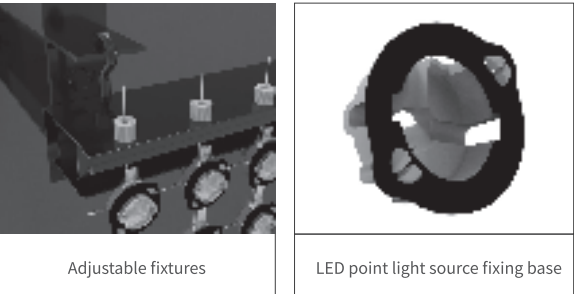
Application Scene

Suitable for use as outdoor LED displays on various building facades, bridges, theme parks, and so on.

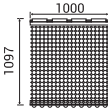
Features (Built-in light source)

Protection Grade:	IP68
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、 FCC

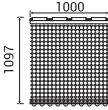
Product Accessories and Details



YD-WP20W (YA)

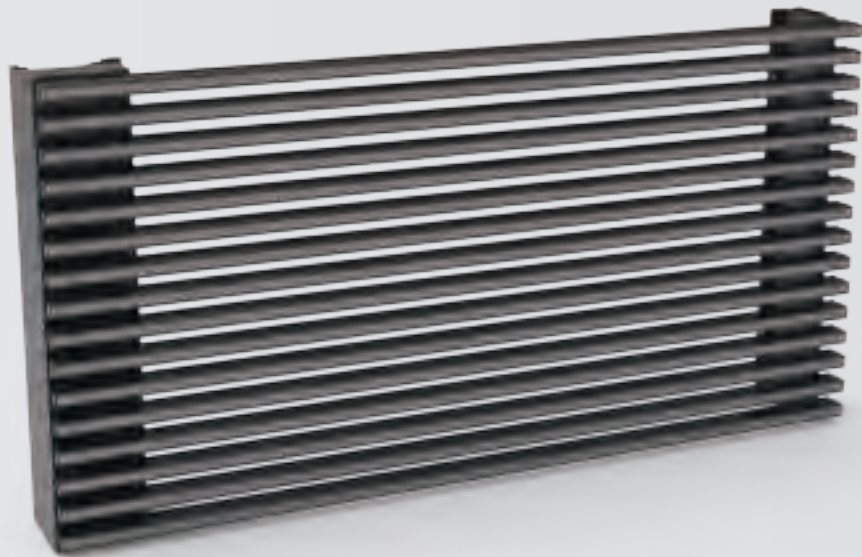
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel Pitch(mm)	Number of Pixels (W*H)/m²
		DC5V	120W	RGB	SPI	P50	20*20(1m²)

YD-WP30W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel Pitch(mm)	Number of Pixels (W*H)/m²
		DC12V	190W	RGB	SPI	P62.5	16*16(1m²)

LED LINEAR SCREEN

LED Media Screen (Transparent Screen)



Main Performance

- Over 60% Light transmittance , high brightness, can meet the daytime playback requirements.
- Ultra-thin and ultra-light, low wind resistance structure design, high altitude suspension has higher safety than traditional products.

Application Scene

Suitable for glass curtain walls, building facades, large stadiums, stages, theme parks and other media screens.

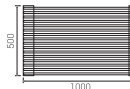
Features (Built-in light source)

Protection Grade:	IP68
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、 FCC

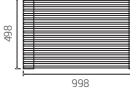
Product Accessories and Details

 Aluminum tensile track	 Double protection waterproof power supply	 Wire hidden track
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YD-TP15W (ZA)

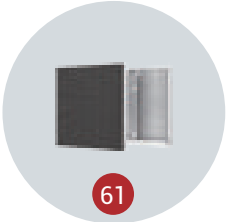
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel Pitch(mm)	Number of Pixels (W*H)/m²
		DC7.5V	230W	RGB	SPI	P31.25	16*32(0.5m²)

YD-TP16W (YA1)

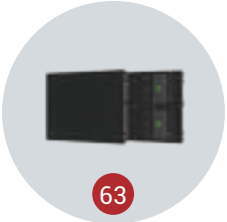
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel Pitch(mm)	Number of Pixels (W*H)/m²
		DC7.5V	230W	RGB	SPI	P31.25	32*16(0.5m²)

LED Display Screen

(High Resolution Screen)



Outdoor LED display screen
(high resolution screen)



Indoor LED display screen
(high resolution screen)

Product Features

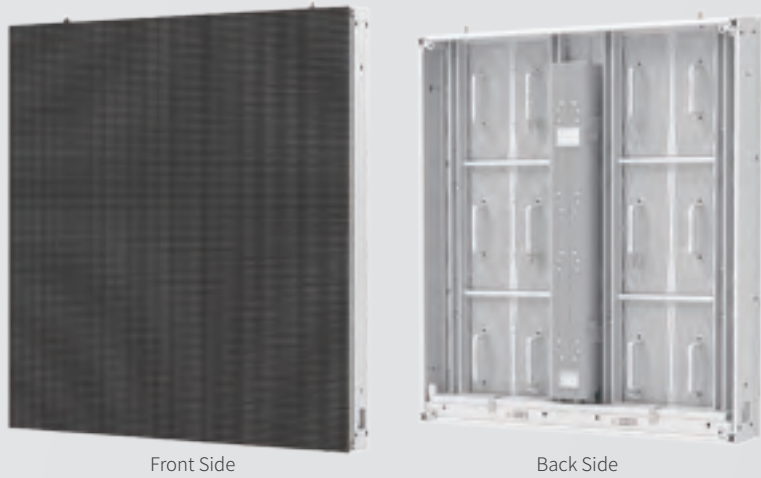
All-aluminium profile, higher structural strength and flatness, good heat dissipation, corrosion resistance and long service life;
Common cathode energy saving, reduce electricity expenses, reduce heat generation to save air conditioning and other cooling equipment;
High luminance level, high refresh rate, high contrast, high grey scale, ultra-clear display;
Super protection, typhoon resistance, rainstorm resistance, high humidity resistance, high temperature resistance, low temperature resistance, anti-salt spray;
Support direct splicing, arc splicing, module and power box support front and rear maintenance, wall mounting, space saving.

Applications

Suitable for indoor and outdoor scenes, such as stage performances, studios, large conference halls, shopping malls and supermarkets, cinemas, command centres, smart cities, airport and railway station advertising screens, advertising billboards, landmark billboards, streetscape billboards, digital billboards, traffic hub billboards and so on.

OUTDOOR LED DISPLAY SCREEN

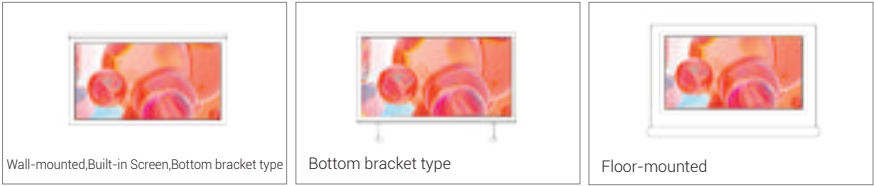
LED Display Screen (High Resolution Screen)



Product Parameter

Voltage:	AC100V—240V	Screen Luminance（nits）：	≥7000
Maximum Power Consumption::	≤540	Contrast Ratio：	5000:1
Average Power Consumption::	≤180	Gray Level：	14-16
Box Size（mm）：	960x960x88.5	Refresh Frequency（Hz）：	3840
Module Size（mm）：	480x320x20	Frame Change Frequency（Hz）：	50/60
Whole Box Weight（kg）：	27.5	Visual Viewing Angle:	170°/170°

Installation Methods



Specification Category

OUGE-XSP-A01W

No.	Pixel Pitch _(mm)	Module Size _(mm)	Screen Resolution (W×H)	Pixel Density _(dot/m²)	Voltage
①	P6.67	480X320	144X144	22500	AC100V-240V
②	P8	480X320	120X120	15625	AC100V-240V
③	P10	480X320	96X96	10000	AC100V-240V

Main Performance

- Higher structural strength, higher flatness, good heat dissipation, corrosion resistance, long service life.
- Support direct splicing, arc splicing, perfect match naked eye 3D creative visual effect.
- Reduce electricity expenses, reduce heat generation to save air conditioning and other cooling equipment.
- Super protection, typhoon resistance, rainstorm resistance, high humidity resistance, high temperature resistance, low temperature resistance, anti-salt spray.
- Module and power box support front and rear maintenance, wall mounting, space saving.

Application Scene

Mainly used in advertising billboards, landmarks, streetscape billboards, digital billboards, traffic hub billboards and other scenarios, and at the same time can be perfectly matched with the naked eye 3D creative visual effects, maximizing the effectiveness of commercial advertising.

INDOOR LED DISPLAY SCREEN

LED Display Screen (High Resolution Screen)



Main Performance

- 2-in-1 control panel design: HUB and power integrated to improve stability and simplify maintenance.
- Light weight and thin box design, reducing overall thickness by 30% and weight by 10%.
- Floating hard-wired module, stable signal transmission.

Application Scene

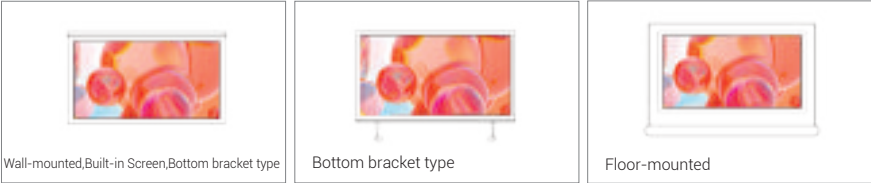
Mainly used in various indoor fixed installation scenarios, such as stage performances, studios, large conference halls, shopping malls and supermarkets, cinemas, command centers, smart cities, airport and train station advertising screens, etc.

Product Parameter

Voltage:	AC90V ~ 260V
Maximum Power Consumption::	≤400
Average Power Consumption::	≤135
Box Size (mm) :	640x480x39
Module Size (mm) :	320x160x2.5
Whole Box Weight (kg) :	5.6

Screen Luminance (nits) :	≥500
Contrast Ratio:	5000:1
Gray Level:	14
Refresh Frequency (Hz) :	3840
Frame Change Frequency (Hz) :	50/60
Visual Viewing Angle:	140°/140°

Installation Methods



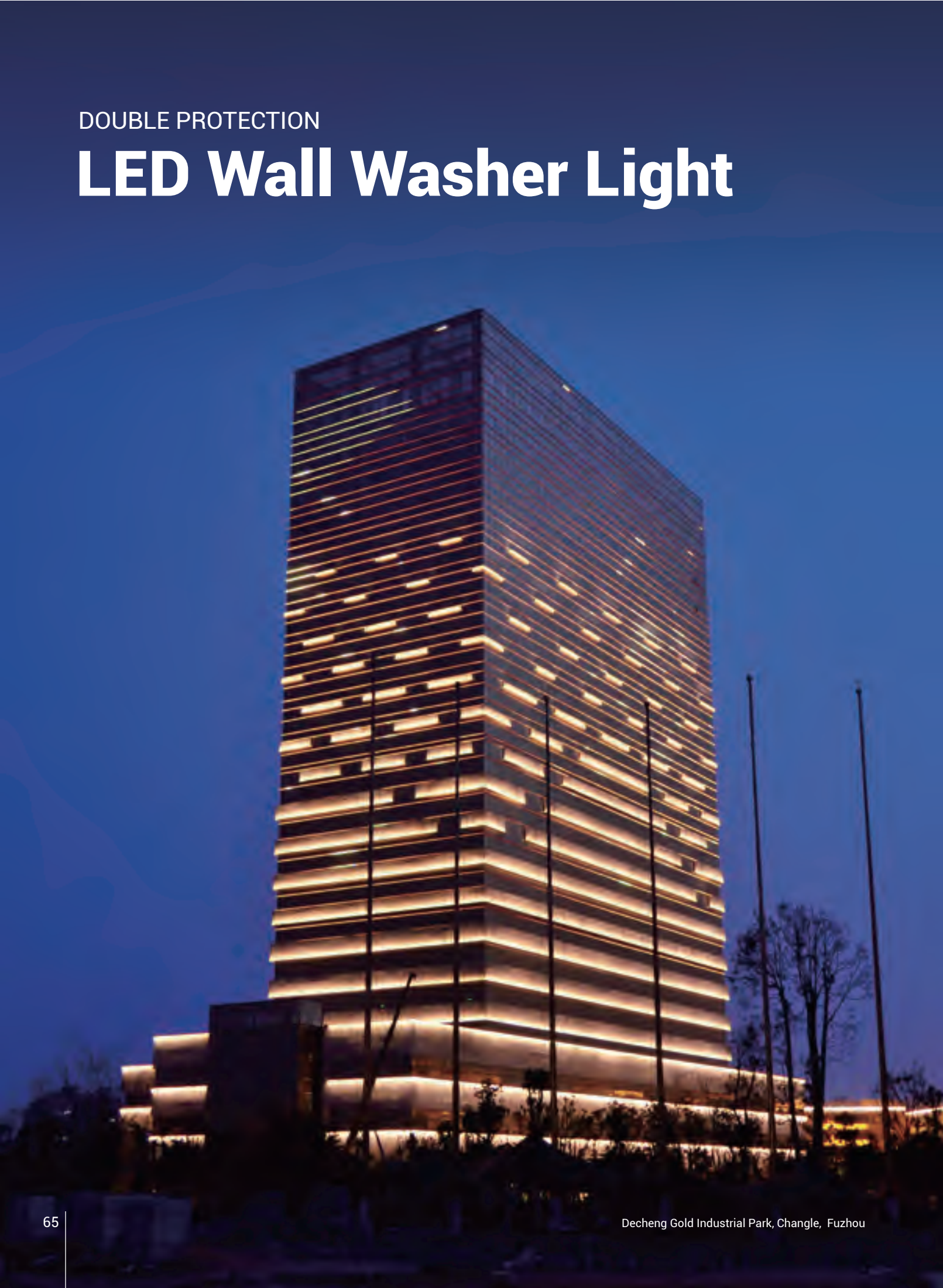
Specification Category

VD-XSP-B01W

No.	Pixel Pitch(mm)	Module Size(mm)	Screen Resolution (W×H)	Pixel Density(dot/m²)	Voltage
①	P1.25	320×160×2.5	512×384	640000	AC90V-260V
②	P1.538	320×160×2.5	416×312	422753	AC90V-260V
③	P1.86	320×160×2.5	344×258	288895	AC90V-260V
④	P2	320×160×2.5	320×240	250000	AC90V-260V
⑤	P2.5	320×160×2.5	256×192	160000	AC90V-260V
⑥	P3.076	320×160×2.5	208×156	105688	AC90V-260V
⑦	P4	320×160×2.5	160×120	62500	AC90V-260V

DOUBLE PROTECTION

LED Wall Washer Light



LED Wall Washer Light



Crystal LED Wall Washer Light



High Power LED Wall Washer Light

Product Features

With advanced secondary optical design, meanwhile adopting completely independent intellectual property rights of Macromolecule polymer alloy materials and double protection technology. The lamps achieve outdoor permanent using standards with highest protection grade IP68, flame retardant grade V-0, UV and anti-aging. This series lamps achieves high light efficiency and intelligent control, which can be permanently used in indoor, outdoor, underground, underwater (including sea water) etc.

Applications

Mainly used in wall washing lighting on facade of large urban building, the contour outlining of urban overpass and bridge, swimming pool, park etc.

LED WALL WASHER LIGHT

Double Protection LED Wall Washer Light



Republic No.1 Xinping Plaza, Fuzhou

Main Performance

- With advanced secondary optical design.
- Adopting completely independent intellectual property rights of Macromolecule polymer alloy materials and double protection technology.
- The lamps achieve outdoor permanent using standards with Highest Protection Grade IP68, Flame Retardant Grade V-0, UV and Anti-aging.
- This series lamps achieves high light efficiency and intelligent control.
- Can be used for a long time in harsh environments such as outdoor, underground, underwater (sea water).
- It has conventional, DC48V, RDM and constant power different series to meet the multiple requirements of outdoor lighting.

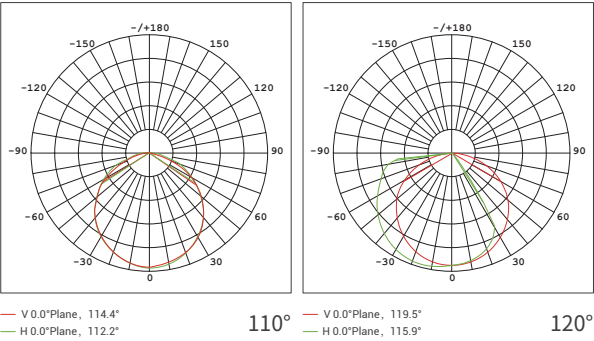
Application Scene

Mainly used in wall washing lighting on facade of large urban building, the contour outlining of urban overpass and bridge, swimming pool, park etc.

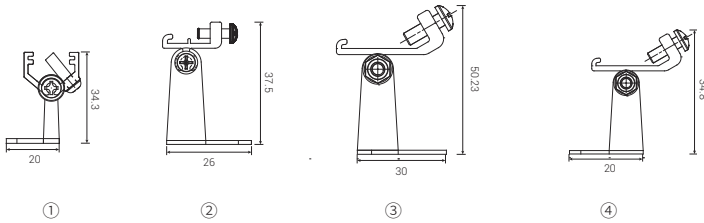
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE, FCC

Luminosity Distribution



Fixtures Dimensions (mm)



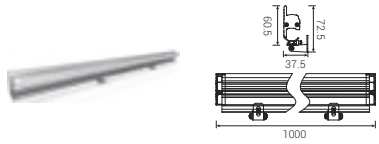
YD-XQ17W (YC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	R/G/B/W...	ON/OFF	/	110°	④
		DC24V	12W	RGB	SPI	8	110°	④
		DC24V	15W	RGB+W	SPI	8	110°	④
		DC24V	12W	R/G/B/W...	DMX512	8	110°	④
		DC24V	12W	RGB	DMX512	8	110°	④
		DC24V	15W	RGB+W	DMX512	8	110°	④

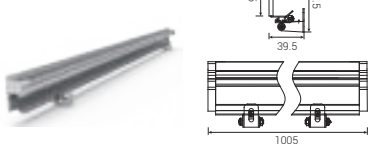
YD-XQ18W (YC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	R/G/B/W...	ON/OFF	/	120°	①
		DC24V	12W	RGB	SPI	8	120°	①
		DC24V	15W	RGB+W	SPI	8	120°	①

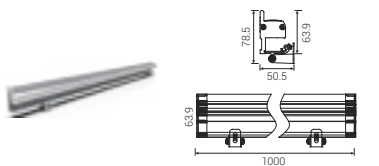
YD-XQ18W (YC1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	R/G/B/W...	ON/OFF	/	120°	②
		DC24V	12W	RGB	SPI	8	120°	②
		DC24V	15W	RGB+W	SPI	8	120°	②

YD-XQ22W (YC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	R/G/B/W...	DMX512	8	110°	②
		DC24V	12W	RGB	DMX512	8	110°	②
		DC24V	15W	RGB+W	DMX512	8	110°	②

YD-XQ25W (YC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	7.5W	R/G/B/W...	DMX512	8	120°	③
		DC24V	12W	RGB	DMX512	8	120°	③
		DC24V	15W	RGB+W	DMX512	8	120°	③

East City Lighting, Deqing, Huzhou



Zhonghai Scenic Area Phase I Lighting Project, Binzhou, Shandong



CRYSTAL LED WALL WASHER LIGHT

Double Protection LED Wall Washer Light



Zhebei Hospital, Huzhou

Main Performance

- The protection level of the lamp reaches the highest IP68, and the product has a long service life.
- Built-in professional optical lens for uniform light distribution.
- Adjustable lighting angle for the fixture, easy for installation.
- It has conventional, DC48V, RDM and constant power different series to meet the multiple requirements of outdoor lighting.

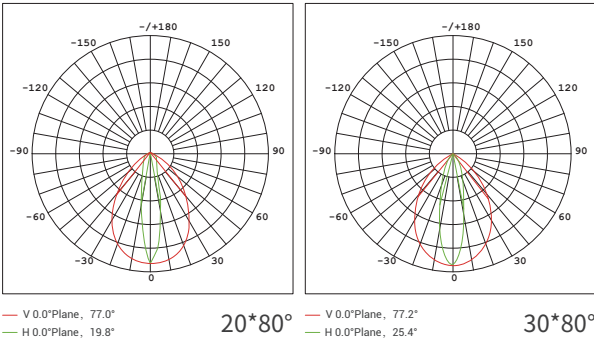
Application Scene

Suitable for wall-washing lighting of buildings, bridges, etc.; flood lighting of steps in parks and squares; internal light penetration lighting of building; river, embankment, and bridge guardrail lighting; airports, subways, viaducts, overpasses to establish landmarks lighting; outdoor squares, landscapes and walls.

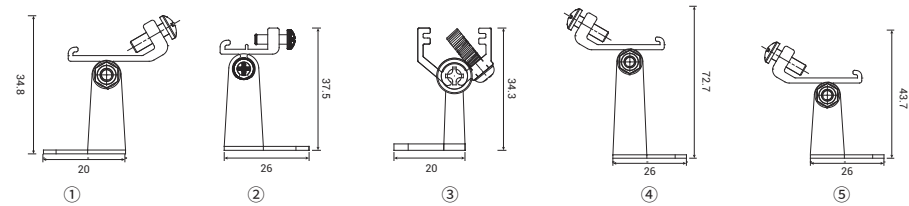
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE,FCC

Luminosity Distribution



Fixtures Dimensions (mm)



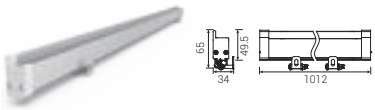
YD-XQ17W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	RGB	DMX512	8	30*80°	①

YD-XQ14W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	R/G/B/W...	ON/OFF	/	30*80°	②
		DC24V	12W	RGB	SPI	8	30*80°	②
		DC24V	15W	RGB+W	SPI	8	30*80°	②

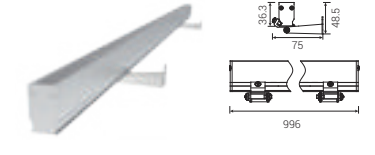
YD-XQ14W (YA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	R/G/B/W...	ON/OFF	/	30°80°	③
		DC24V	12W	RGB	SPI	8	30°80°	③
		DC24V	15W	RGB+W	SPI	8	30°80°	③

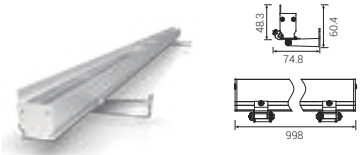
YD-XQ14W (YA2)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	12W	R/G/B/W...	ON/OFF	/	30°80°	③
		DC24V	12W	RGB	SPI	8	30°80°	③
		DC24V	15W	RGB+W	SPI	8	30°80°	③

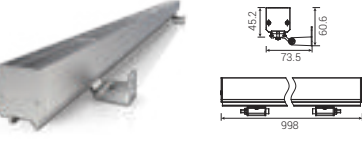
YD-XQ14W (YA3)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	15W	R/G/B/W...	ON/OFF	/	20°80°	④
		DC24V	12W	RGB	DMX512	8	30°80°	④
		DC24V	18W	RGB	DMX512	4	30°80°	④
		DC24V	15W	RGB+W	DMX512	8	30°80°	④
		DC24V	24W	RGB+W	DMX512	4	30°80°	④
		DC24V	12W	RGB	DMX512	8	30°80°	④
		DC24V	15W	RGB+W	DMX512	8	30°80°	④
		DC24V	12W	RGB+W	DMX512	8	30°80°	④
		DC24V	12W (Constant Power)	RGB+W	DMX512	8	30°80°	④

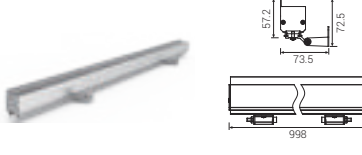
YD-XQ14W (YA4)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	15W	R/G/B/W...	ON/OFF	/	20°80°	④
		DC24V	12W	RGB	DMX512	8	30°80°	④
		DC24V	18W	RGB	DMX512	4	30°80°	④
		DC24V	15W	RGB+W	DMX512	8	30°80°	④
		DC24V	24W	RGB+W	DMX512	4	30°80°	④
		DC24V	12W	RGB	DMX512	8	30°80°	④
		DC24V	15W	RGB+W	DMX512	8	30°80°	④
		DC24V	12W	RGB+W	DMX512	8	30°80°	④
		DC24V	12W (Constant Power)	RGB+W	DMX512	8	30°80°	④

YD-XQ40W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	18W	R/G/B/W...	ON/OFF	/	20°80°	⑤
		DC24V	24W	R/G/B/W...	ON/OFF	/	20°80°	⑤
		DC24V	24W	RGB+W	DMX512	4	30°80°	⑤
		DC24V	30W	RGB+W	DMX512	8	30°80°	⑤
		DC24V	24W	RGB+W	DMX512	4	30°80°	⑤

YD-XQ40W (YA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	18W	R/G/B/W...	ON/OFF	/	20°80°	⑤
		DC24V	24W	R/G/B/W...	ON/OFF	/	20°80°	⑤
		DC24V	24W	RGB+W	DMX512	4	30°80°	⑤
		DC24V	30W	RGB+W	DMX512	8	30°80°	⑤
		DC24V	24W	RGB+W	DMX512	4	30°80	⑤
		DC24V	24W (Constant Power)	RGB+W	DMX512	4	30°80	⑤

HIGH POWER LED WALL WASHER LIGHT

Double Protection LED Wall Washer Light



Westin, Sanya

Main Performance

- Built-in double protection high-power waterproof LED module light source with professional lens, effectively controlling light distribution.
- Using nano-thermal conductive materials and double protection technology,with excellent heat dissipation performance.
- The protection level of the lamp reaches the highest IP68, and the product has a long service life.
- It has conventional, DC48V, RDM and constant power different series to meet the multiple requirements of outdoor lighting.

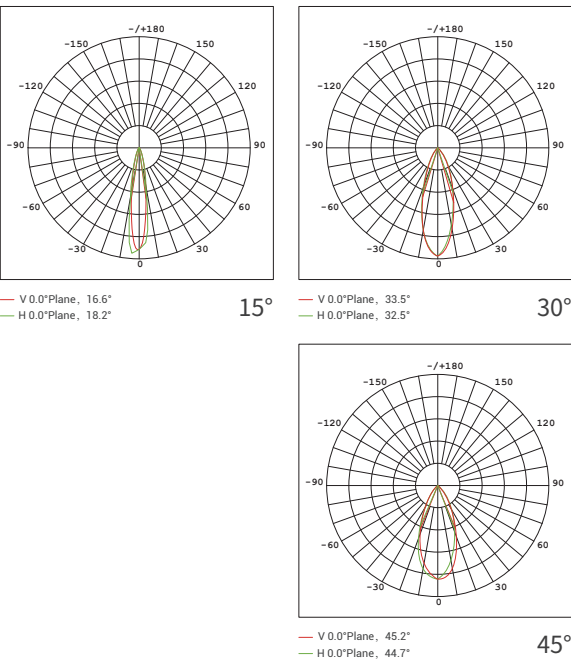
Application Scene

Large buildings, large bridge guardrails, overpasses, mountain lighting, tree projection, large sculptures, lighting setting, ice sculptures, fountains, green plant landscapes, etc. and wall washing lighting. It can be used indoors, outdoors, buried, and underwater (seawater).

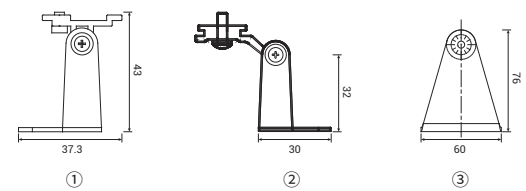
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE, FCC

Luminosity Distribution



Fixtures Dimensions (mm)



YD-XQ40W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	36W	W	ON/OFF	/	15°、30°、45°	①
		DC24V	24W	W	ON/OFF	/	15°、30°、45°	①

YD-XQ40W (ZA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	36W	RGBW	DMX512	1	30°、45°	①

YD-XQ52W (ZA)

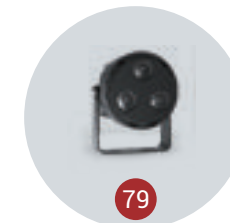
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC24V	18W	W	ON/OFF	/	15°、30°、45°	②
		DC36V	24W	W	ON/OFF	/	15°、30°、45°	②
		DC24V	24W	W	ON/OFF	/	15°、30°、45°	②

YD-XQ52W (ZA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle	Fixture
		DC36V	72W	RGBW	DMX512	1	25°	③

YD DOUBLE PROTECTION

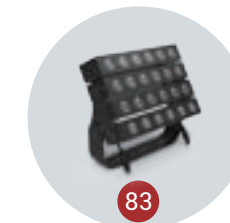
LED Flood Light



Round LED Flood Light



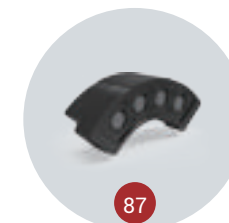
Square LED Flood Light



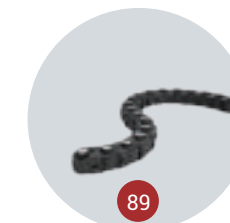
Modular LED Flood Light



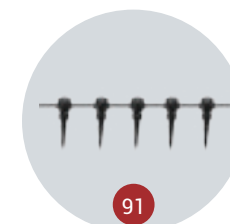
LED Step Light



LED Corrugated Light



Flexible LED Chain Light



High Power Flood Light String

Product Features

The double protection waterproof technology and nano thermal conductive materials are used, and the protection level reaches IP68, which improves the thermal conductivity and heat dissipation function of the chip. The lens external technology is used to effectively solve the light control and light distribution problems. The shell is made of die-cast aluminum, the surface is anodized, and can be sprayed according to the environmental background color.

Applications

It's not only widely used in buildings, bridges, overpasses, mountains, trees, sculptures, fountains, etc. facade lighting and landscape lighting, but also indoors, outdoors, inground and underwater (seawater) lighting.

ROUND LED FLOOD LIGHT

Double Protection LED Flood Light



Main Performance

- The light cover color can be customized according to user preferences.
- The inner light source module adopted double protection technology and achieves IP68 highest protection grade.
- Uniform lighting effects, far distance flooding lighting effects,excellent flooding lighting effects.

Application Scene

Mainly used for wall floodlighting of outdoor landscape, building advertisements, large buildings, and large bridge guardrails.

Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、 FCC

Product Details

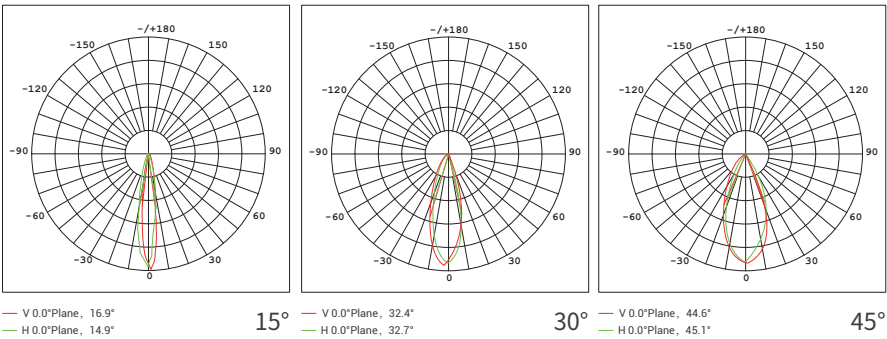


Lens (can change different beam angle)



180°angle adjustable bracket

Luminosity Distribution



YD-DT75W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC12V	3W	W	ON/OFF	15°、30°、45°
		DC12V	3W	RGBW	DMX512	30°、45°

YD-DT100W (ZA)

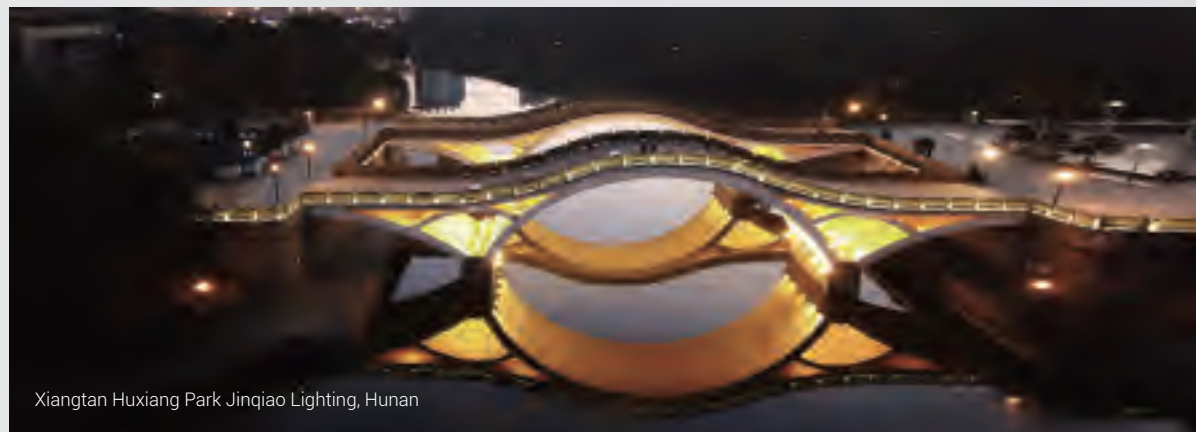
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	6W	W	ON/OFF	15°、30°、45°
		DC24V	6W	RGBW	DMX512	30°、45°

YD-DT145W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	12W	W	ON/OFF	15°、30°、45°
		DC24V	12W	RGBW	DMX512	30°、45°

SQUARE LED FLOOD LIGHT

Double Protection LED Flood Light



Xiangtan Huxiang Park Jinqiao Lighting, Hunan

Main Performance

- This lamp adopts metal die-casting shell and surface spraying technology.
- The inner light source module adopted double protection technology and achieves IP68 highest protection grade.
- Uniform lighting effects, excellent flooding lighting effects.

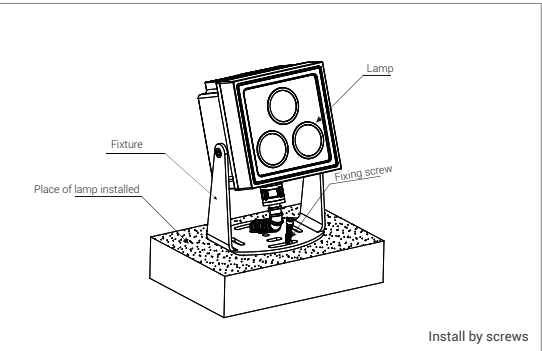
Application Scene

Mainly used for wall floodlighting of outdoor landscape, building advertisements, large buildings, and large bridge guardrails.

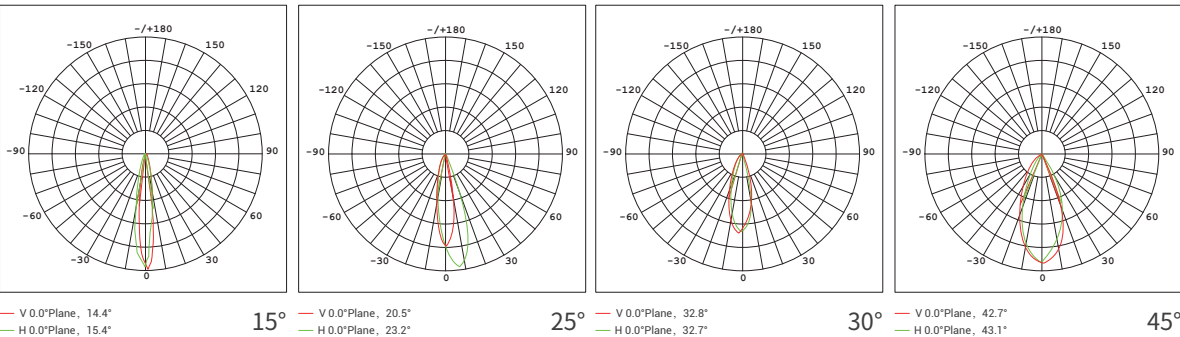
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、 FCC

Installation Method



Luminosity Distribution



YD-DT100W (ZB)

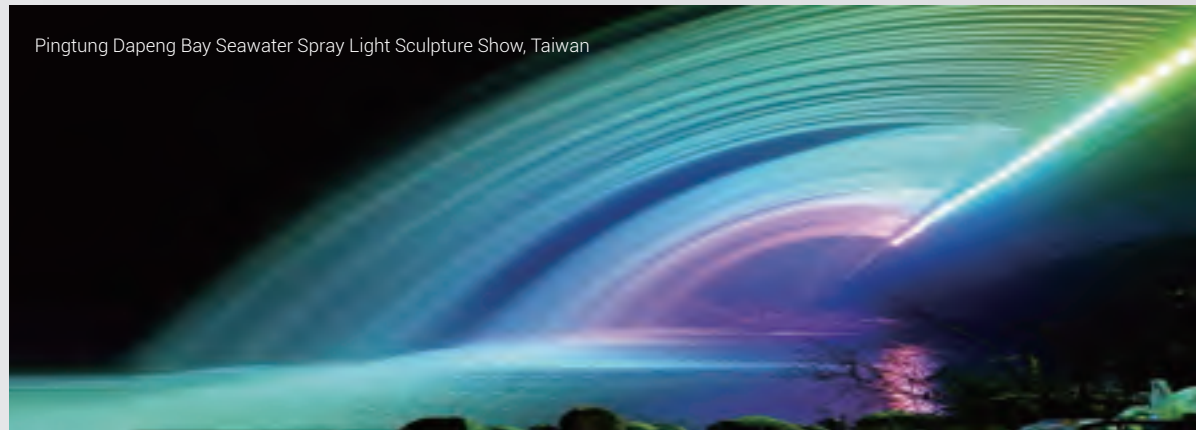
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	6W	W	ON/OFF	15°、30°、45°
		DC24V	6W	RGB	DMX512	25°
		DC24V	8W	RGBW	DMX512	25°

YD-DT120W (ZB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	9W	R/G/B/W...	ON/OFF	15°、30°、45°
		DC24V	9W	R/G/B/W...	ON/OFF	15°、30°、45°
		DC24V	12W	RGB	DMX512	25°
		DC24V	16W	RGBW	DMX512	25°

MODULAR LED FLOOD LIGHT

Double Protection LED Flood Light



Pingtung Dapeng Bay Seawater Spray Light Sculpture Show, Taiwan

Main Performance

- The inner light source module adopted double protection technology and achieves IP68 highest protection grade.
- The light panel is designed with heat dissipation holes to effectively solve the heat dissipation problem of high-power lamps.

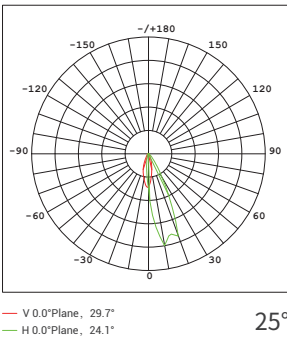
Application Scene

It's mainly used in wall flood lighting such as wall advertisement, buildings, bridges,sculptures etc.

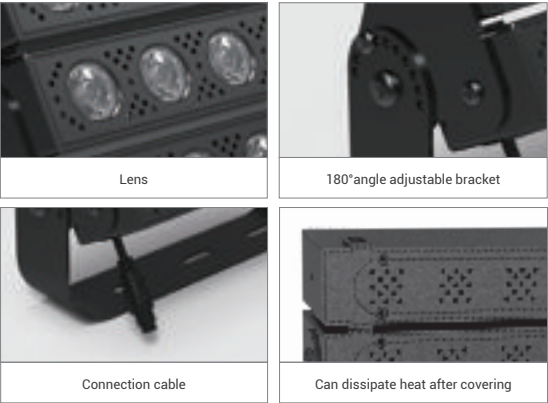
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~-+55°C / -40°F~+131°F
Product Certification :	CE、 FCC

Luminosity Distribution



Product Details



YD-DT245W (ZB)

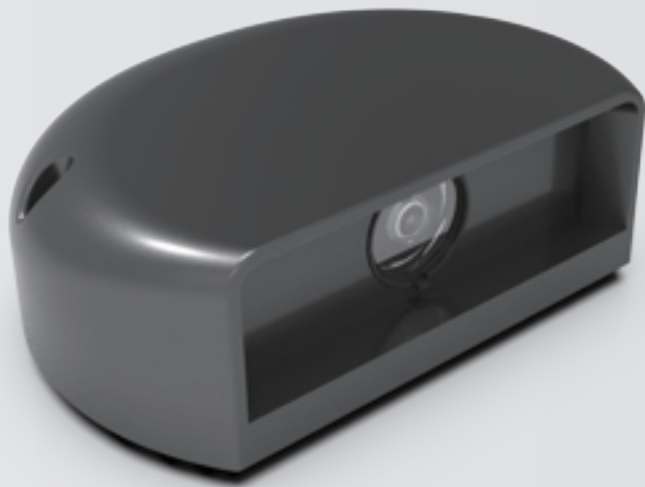
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	64W	RGBW	DMX512	25°

YD-DT295W (ZB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	96W	RGBW	DMX512	25°

LED STEP LIGHT

Double Protection LED Flood Light



Main Performance

- This lamp is designed for auxiliary road lighting.
- Double-packaged led chips inside make it IP68 waterproof. It has the advantages of low power consumption, impact resistance and long life.
- Match with the controller to achieve effects such as flowing water, gradual change, jumping, chasing, etc.

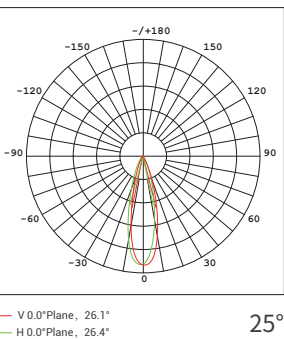
Application Scene

Suitable for landscape lighting such as wall side, walkways, steps and plank roads etc.,

Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC

Luminosity Distribution



Installation Method



YD-DT150W (ZA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	3W	W	ON/OFF	15°、30°、45°
		DC24V	3W	RGB	DMX512	45°

YD-DT150W (ZA2)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	4W	W	ON/OFF	15°、30°、45°
		DC24V	4W	RGB	DMX512	45°

YD-DT150W (ZA3)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	4W	W	ON/OFF	15°、30°、45°

YD-DT165W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	4W	RGBW	DMX512	25°
		DC24V	8W	RGBW	DMX512	25°
		DC24V	12W	RGBW	DMX512	25°

YD-DT165W (ZA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	8W	RGBW	DMX512	25°
		DC24V	4W	RGBW	DMX512	25°

LED CORRUGATED LIGHT

Double Protection LED Flood Light



Ju State Ancient City, Rizhao, Shandong

Main Performance

- This lamp is aluminum housing and stainless steel fixtures.
- Double-packaged led chips inside make it IP68 waterproof.
- The shape is close to that of a tile, and after installation it will have minimal impact on the overall shape of the building roof.

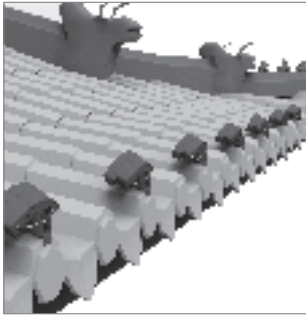
Application Scene

Suitable for flood lighting in the roof of ancient buildings.

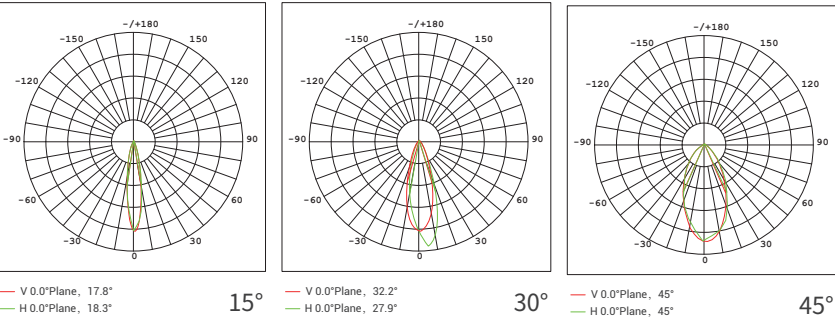
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、 FCC

Installation Method



Luminosity Distribution



YD-DT130W (ZC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC12V	3W	W	ON/OFF	15°, 30°, 45°

YD-DT175W (ZC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	4W	W	ON/OFF	15°, 30°, 45°

YD-DT180W (ZC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	5W	W	ON/OFF	15°, 30°, 45°

YD-DT200W (ZC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	6W	W	ON/OFF	15°, 30°, 45°

FLEXIBLE LED CHAIN LIGHT

Double Protection LED Flood Light



Main Performance

- Built-in double protection high-power waterproof LED module light source with professional lens, effectively controlling light distribution.
- With a high protection level of IP68, can be used for a long time in harsh environments such as outdoor, underground, underwater (sea water).
- Adapt to various bending angles and complex shapes.

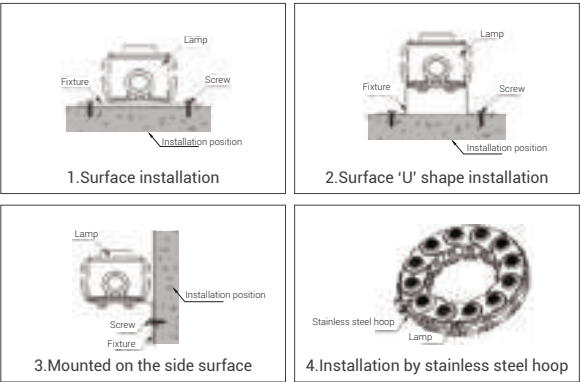
Application Scene

Suitable for scenarios requiring wall washing illumination on any shape.

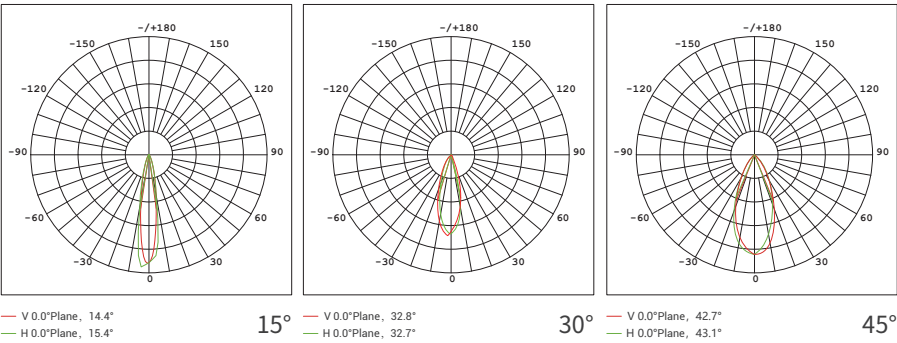
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC

Installation Method



Luminosity Distribution



YD-DT40W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle	Installation Method
		DC24V (6pcs/set)	24W	W	ON/OFF	15°、30°、45°	①、②、③、④

YD-DT40W (ZA1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle	Installation Method
		DC24V (6pcs/set)	24W	RGBW	DMX512	30°、45°	①、②、③、④

HIGH POWER FLOOD LIGHT STRING

Double Protection LED Flood Light



Main Performance

- Double-packaged led chips and professional lens inside.
- The single lamp has a spherical hinge, supports 360° flexible rotation and adjustment of the single lamp.
- Diversified installation methods, support customized product production.

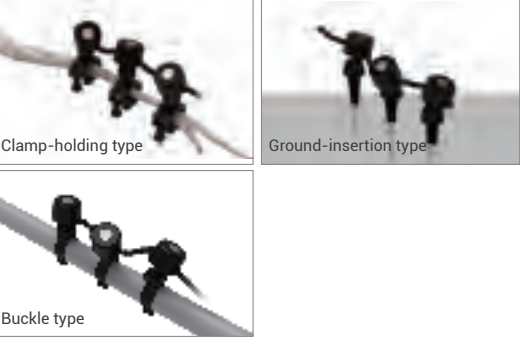
Application Scene

It's widely used in directional projection lighting for trees, inground projection lighting,water lighting in the park ect.

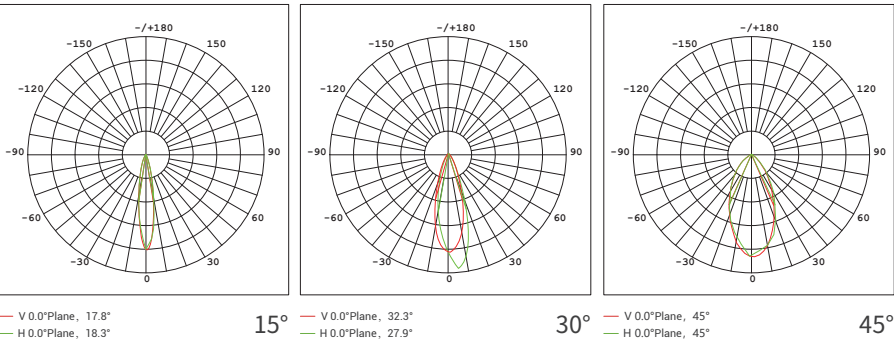
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC

Installation Method



Luminosity Distribution



YD-DT40W (ZA2)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	6W	W	ON/OFF	15°、30°、45°

YD-DT40W (ZA3)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	6W	W	ON/OFF	15°、30°、45°

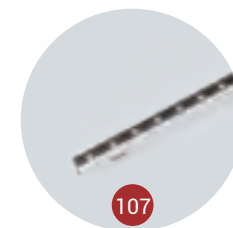
YD-DT40W (ZA4)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	6W	W	ON/OFF	15°、30°、45°

LED Flood Light



LED Flood Light



LED Wall Washer Light

Product Features

Integrated aluminum die-casting design, high-efficiency heat dissipation, long product life; The lamp housing is made of weather-resistant material and does not fade for long outdoor use; A variety of lens angles are available to meet diverse light distribution requirements; It uses ultra-white tempered glass, which is safe and impact-resistant; Wide voltage technology can effectively increase the load capacity; The mounting angle is adjustable.

Applications

It is suitable for building facades, landmark buildings, key lighting on the exterior walls of buildings, squares, parks, scenic spots, garden landscapes, sculptures, column projection lighting, etc.

ROUND LED FLOOD LIGHT

LED Flood Light



Main Performance

- The body is made of one-piece die-cast aluminum, with an anti-shock design both inside and out to prevent the lamp beads from falling off and the bracket from breaking due to vibration.
- High-efficiency LED with tempered glass, with a scale plate for precise adjustment of the illumination Angle.
- Excellent overall heat dissipation performance ensures component stability and extends the lifespan of the lamp.

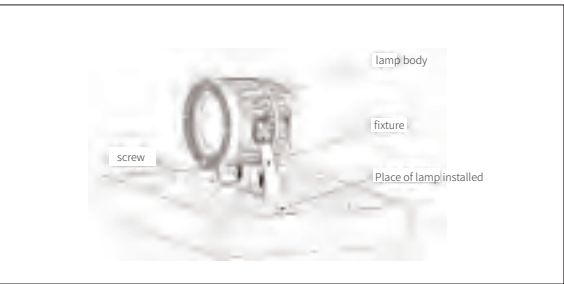
Application Scene

Suitable for individual lighting, exterior lighting of historic building complexes; Light outside lighting inside buildings; Indoor partial lighting; Green landscape lighting; Billboard lighting; Lighting for specialized facilities such as medical culture; Atmosphere lighting for entertainment venues such as bars and dance halls.

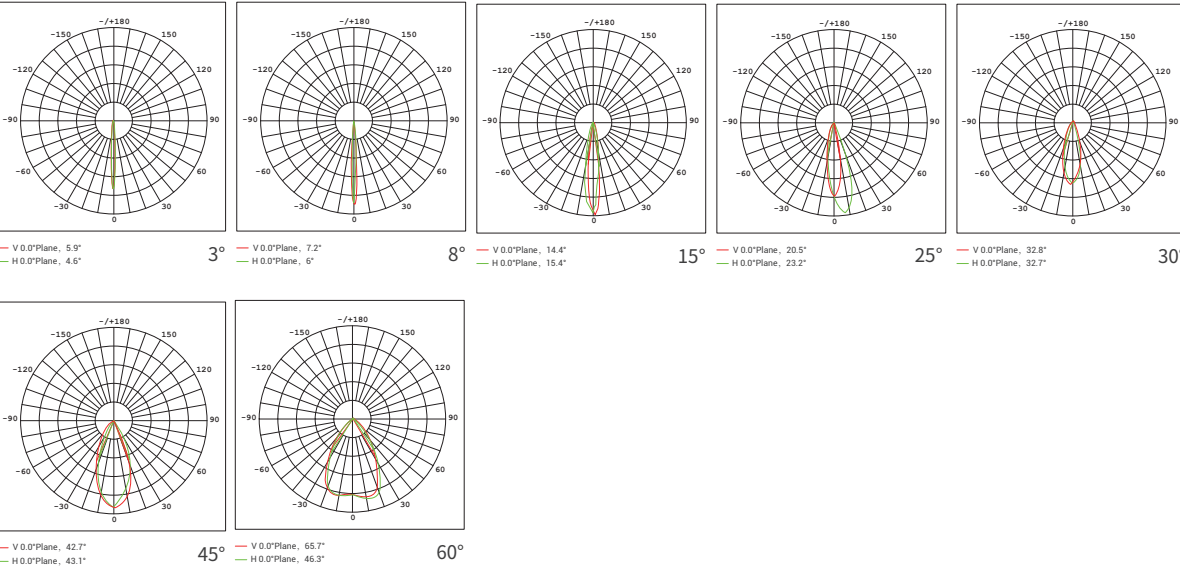
Features (Built-in light source)

Protection Grade:	IP66
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC

Installation Method



Luminosity Distribution



OUGE-DT45W (XA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	3W	W	ON/OFF	8°、15°、30°、45°、60°

OUGE-DT65W (XA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	6W	W	ON/OFF	8°、15°、30°、45°、60°
		DC24V	9W	RGBW	DMX512	15°、25°、45°、60°

OUGE-DT85W (XA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	9W	W	ON/OFF	8°、15°、30°、45°、60°
		DC24V	12W	RGBW	DMX512	15°、25°、45°、60°

OUGE-DT110W (XA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC48V	18W	W	ON/OFF	8°、15°、30°、45°、60°
		DC24V	18W	W	ON/OFF	8°、15°、30°、45°、60°
		DC48V	18W	W	DMX512	8°、15°、30°、45°、60°
		DC24V	18W	W	DMX512	8°、15°、30°、45°、60°
		DC48V	18W	W+W	DMX512	8°、15°、30°、45°、60°
		DC24V	18W	W+W	DMX512	8°、15°、30°、45°、60°
		DC48V	18W	RGBW	DMX512	15°、25°、45°、60°
		DC24V	18W	RGBW	DMX512	15°、25°、45°、60°

OUGE-DT130W (XA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC48V	24W	W	ON/OFF	8°、15°、30°、45°、60°
		DC24V	24W	W	ON/OFF	8°、15°、30°、45°、60°
		DC48V	24W	W	DMX512	8°、15°、30°、45°、60°
		DC48V	24W	W+W	DMX512	8°、15°、30°、45°、60°
		DC48V	24W	RGBW	DMX512	15°、25°、45°、60°
		DC48V	18W	W	ON/OFF	3°
		DC48V	18W	RGBW	DMX512	8°

OUGE-DT180W (XA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC90V~305Vac	60W	W	ON/OFF	8°、15°、30°、45°、60°
		DC176V~305Vac	60W	W	DMX512	8°、15°、30°、45°、60°
		DC176V~305Vac	60W	W+W	DMX512	8°、15°、30°、45°、60°
		DC176V~305Vac	60W	RGBW	DMX512	15°、25°、45°、60°
		DC48V	54W	W	DMX512	8°、15°、30°、45°、60°
		DC48V	54W	W+W	DMX512	8°、15°、30°、45°、60°
		DC48V	54W	RGBW	DMX512	15°、25°、45°、60°
		DC90V~305Vac	48W	W	ON/OFF	3°
		DC176V~305Vac	48W	RGBW	DMX512	8°

OUGE-DT160W (XA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC48V	36W	W	ON/OFF	8°、15°、30°、45°、60°
		DC24V	36W	W	ON/OFF	8°、15°、30°、45°、60°
		DC48V	48W	W	ON/OFF	8°、15°、30°、45°、60°
		DC24V	48W	W	ON/OFF	8°、15°、30°、45°、60°
		DC48V	36W	W	DMX512	8°、15°、30°、45°、60°
		DC48V	48W	W	DMX512	8°、15°、30°、45°、60°
		DC48V	36W	W+W	DMX512	8°、15°、30°、45°、60°
		DC48V	48W	W+W	DMX512	8°、15°、30°、45°、60°
		DC48V	36W	RGBW	DMX512	15°、25°、45°、60°
		DC48V	48W	RGBW	DMX512	15°、25°、45°、60°
		DC48V	30W	W	ON/OFF	3°

OUGE-DT210W (XA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC90V~305Vac	90W	W	ON/OFF	8°、15°、30°、45°、60°
		DC176V~305Vac	90W	W	DMX512	8°、15°、30°、45°、60°
		DC176V~305Vac	90W	W+W	DMX512	8°、15°、30°、45°、60°
		DC176V~305Vac	90W	RGBW	DMX512	15°、25°、45°、60°
		DC176V~305Vac	80W	RGBW	DMX512	8°

OUGE-DT230W (XA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC90V~305Vac	120W	W	ON/OFF	8°、15°、30°、45°、60°
		DC176V~305Vac	120W	W	DMX512	8°、15°、30°、45°、60°
		DC176V~305Vac	120W	RGBW	DMX512	15°、25°、45°、60°

SQUARE LED FLOOD LIGHT

LED Flood Light



Main Performance

- One-piece die-cast aluminum square body, shock-resistant inside and out to prevent the lamp beads from falling off and the bracket from breaking due to vibration.
- High-efficiency LED with tempered glass, with a scale plate for precise adjustment of the illumination Angle.
- Excellent overall heat dissipation performance ensures component stability and extends the lifespan of the lamp.

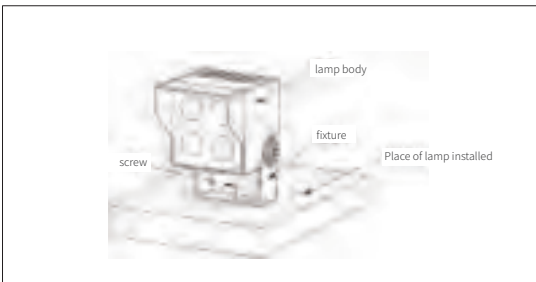
Application Scene

Suitable for individual lighting, exterior lighting of historic building complexes; Light outside lighting inside buildings; Indoor partial lighting; Green landscape lighting; Billboard lighting; Lighting for specialized facilities such as medical culture; Atmosphere lighting for entertainment venues such as bars and dance halls.

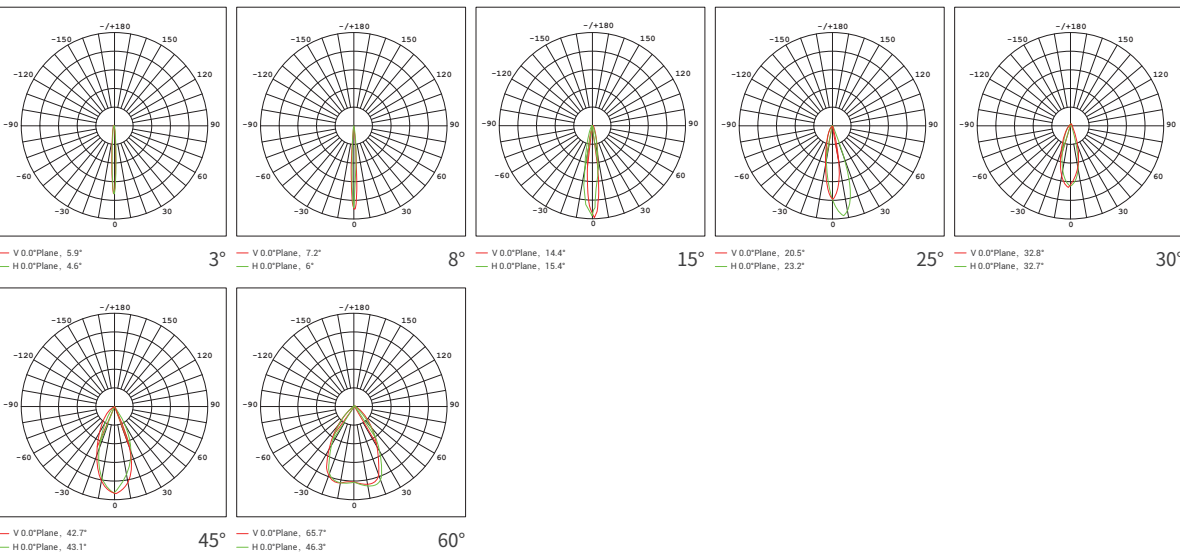
Features (Built-in light source)

Protection Grade:	IP66
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC

Installation Method



Luminosity Distribution



OUGE-DT45W (XB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	3W	W	ON/OFF	8°, 15°, 30°, 45°, 60°

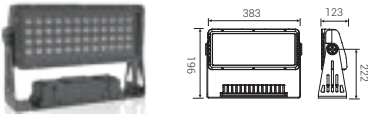
OUGE-DT65W (XB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	4W	RGBW	DMX512	8°

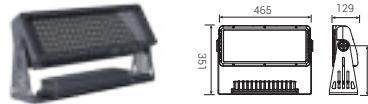
OUGE-DT80W (XB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	6W	W	DMX512	8°, 15°, 30°, 45°, 60°

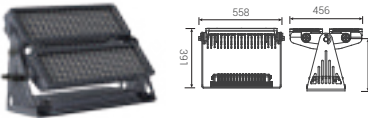
OUGE-DT380*200W (XB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC90V~305Vac	150W	W	ON/OFF	8°、15°、30°、45°、60°
		DC176V~305Vac	150W	RGBW	DMX512	15°、25°、45°、60°
		DC90V~305Vac	150W	W	ON/OFF	3°
		DC176V~305Vac	150W	RGBW	DMX512	8°

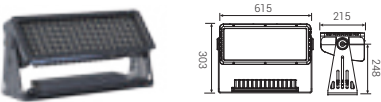
OUGE-DT465*210W (XB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC90V~305Vac	200W	W	ON/OFF	8°、15°、30°、45°、60°
		DC176V~305Vac	200W	RGBW	DMX512	15°、25°、45°、60°
		DC90V~305Vac	180W	W	ON/OFF	3°
		DC176V~305Vac	180W	W	DMX512	3°
		DC176V~305Vac	180W	W+W	DMX512	3°
		DC176V~305Vac	200W	RGBW	DMX512	8°

OUGE-DT465*210DPW (XB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC90V~305Vac	400W	W	ON/OFF	8°、15°、30°、45°、60°
		DC176V~305Vac	360W	W	DMX512	8°、15°、30°、45°、60°
		DC176V~305Vac	360W	W+W	DMX512	8°、15°、30°、45°、60°
		DC176V~305Vac	400W	RGBW	DMX512	15°、25°、45°、60°
		DC176V~305Vac	360W	W	DMX512	3°
		DC176V~305Vac	360W	W+W	DMX512	3°
		DC90V~305Vac	360W	W	ON/OFF	3°
		DC176V~305Vac	400W	RGBW	DMX512	8°

OUGE-DT615*215W (XB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC90V~305Vac	300W	W	ON/OFF	8°、15°、30°、45°、60°
		DC176V~305Vac	300W	RGBW	DMX512	15°、25°、45°、60°
		DC90V~305Vac	300W	W	ON/OFF	3°
		DC176V~305Vac	240W	W	DMX512	3°
		DC176V~305Vac	240W	W+W	DMX512	3°
		DC176V~305Vac	300W	RGBW	DMX512	8°

LED CORRUGATED LIGHT

LED Flood Light



Haizhou Tiandi Chashan Pashui Street, Zhoushan, Zhejiang

Main Performance

- Die-cast aluminum in one piece, structure waterproof, excellent thermal conductivity, longer lifespan.
- Surface coated with imported outdoor powder, resistant to corrosion and UV, suitable for complex environments.
- Professional light distribution design, high-transparency tempered glass with PMMA lenses, excellent lighting effect.
- Support multiple protocols to meet project control requirements.
- Shaped and colored like tiles, hidden in the building during the day and illuminated at night to create a spectacular roof effect.

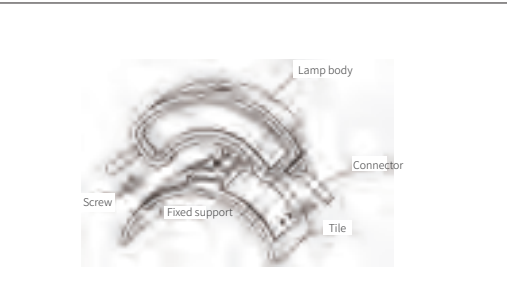
Application Scene

Suitable for lighting commercial premises; Panoramic floodlighting for building facades and building landmarks; Landscape building facades; Lighting up the tiled surfaces of ancient buildings.

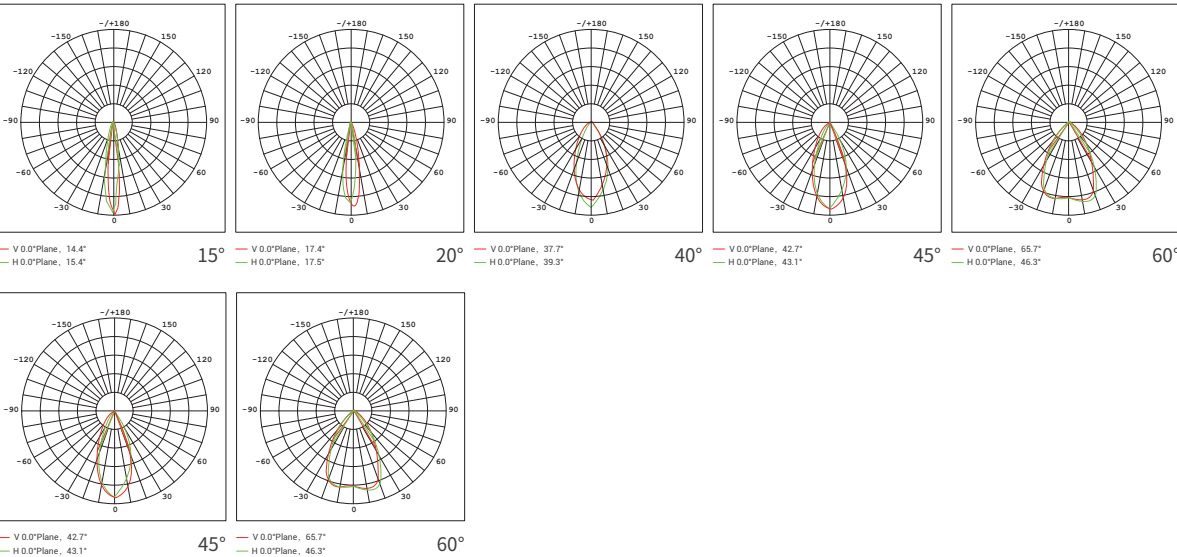
Features (Built-in light source)

Protection Grade:	IP66
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC

Installation Method



Luminosity Distribution



OUGE-DT130W (XC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	3W	W	ON/OFF	20°、30°、40°、60°
		DC24V	3W	W	DMX512	20°、30°、40°、60°

OUGE-DT130W (XC1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	5W	RGBW	DMX512	15°、25°、45°、60°

OUGE-DT180W (XC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	6W	W	ON/OFF	15°、30°、45°、60°

OUGE-DT210W (XC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	9W	W	ON/OFF	15°、30°、45°、60°

LED TREE LIGHT

LED Flood Light



Main Performance

- Curved appearance is simple and elegant, easy to blend into the natural environment.
- Modular design allows for free combination, making applications more flexible and diverse.
- Die-cast aluminum lamp body, excellent heat dissipation, waterproof structure, long service life.
- Supports multiple protocols and colors, low power consumption, pure color, no pollution.
- The inner diameter of the lamp can be flexibly adjusted according to the growth of the tree trunk without rework and is easy to install.

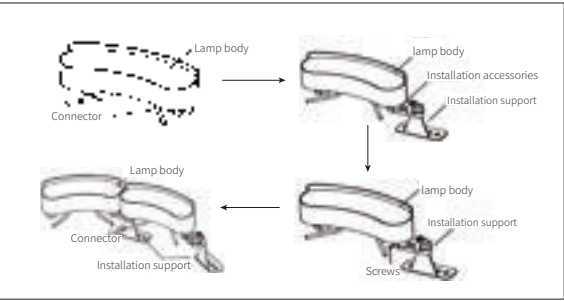
Application Scene

Suitable for landscaping, municipal greening, park tree lighting, etc.

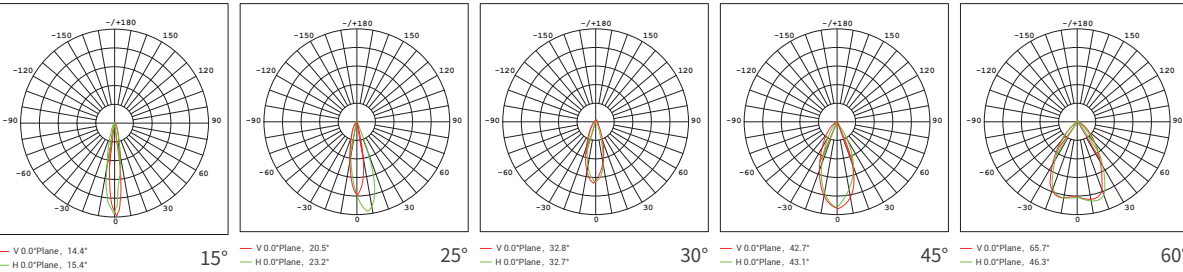
Features (Built-in light source)

Protection Grade:	IP66
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、 FCC

Installation Method



Luminosity Distribution



OUGE-DT220W (XC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	12W	W	ON/OFF	15°、30°、45°、60°
		DC48V	18W	RGBW	DMX512	15°、25°、45°、60°

OUGE-DT270W (XC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	18W	W	ON/OFF	15°、30°、45°、60°

LED WALL WASHER LIGHT

LED Flood Light



Main Performance

- Structural waterproofing process with high waterproofing rating and long-lasting durability.
- The long strip structure provides excellent heat dissipation, ensuring component stability and extending lifespan.
- Select high-efficiency leds with ultra-white tempered glass, energy-saving and rich in color, with optional anti-glare accessories for different scenarios.
- The fasteners are a rotating structure with adjustable angles for easy installation.
- Supports multiple control modes, suitable for a wide range of occasions.

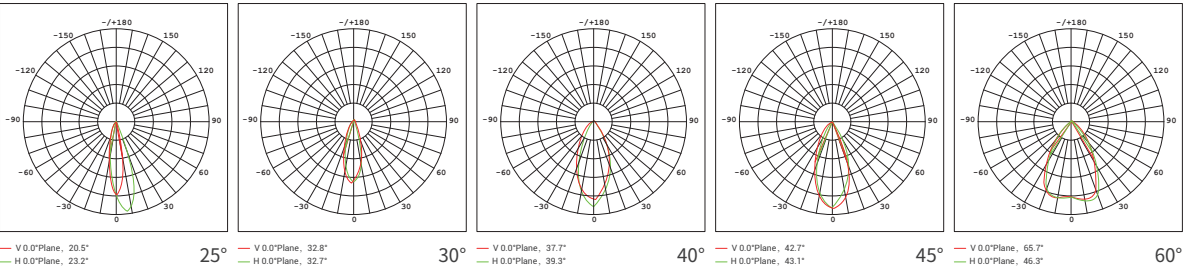
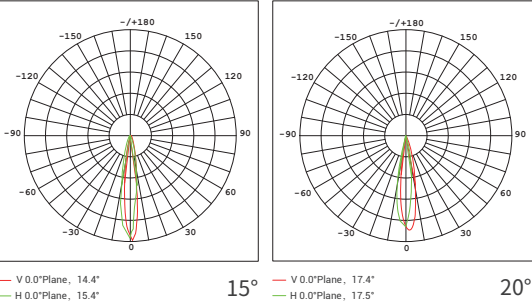
Application Scene

It is suitable for commercial lighting, subway, elevated overpass, exterior walls of buildings, panoramic floodlighting of building landmarks, landscape building structures, outdoor squares, etc.

Features (Built-in light source)

Protection Grade:	IP66
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC

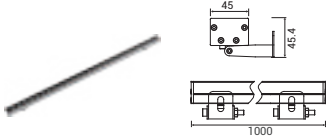
Luminosity Distribution



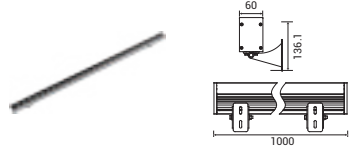
OUGE-XQ36W (XA)

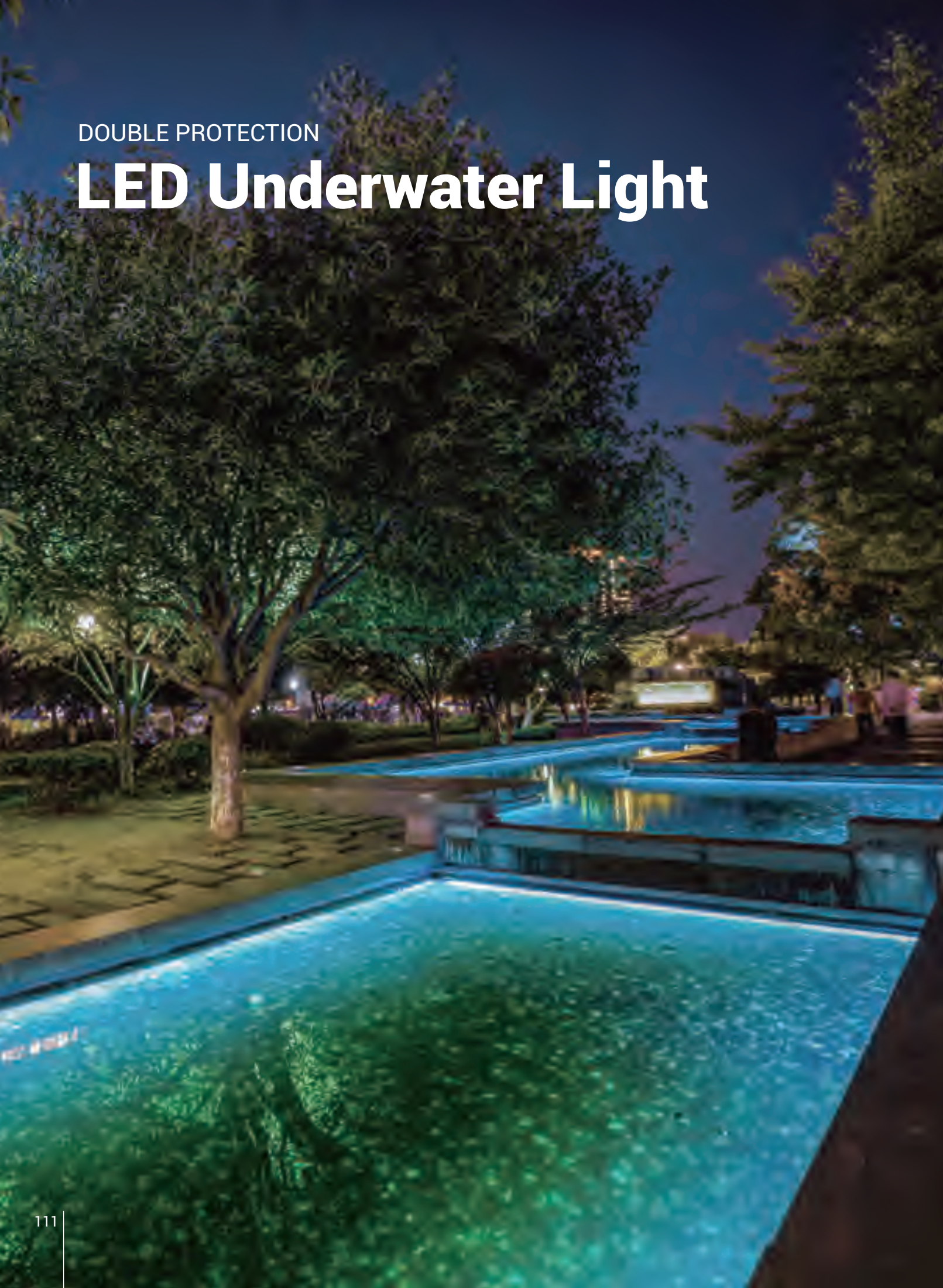
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle
		DC24V	18W	W	ON/OFF	/	20°、30°、40° 60°、20*40°
		DC24V	24W	W	ON/OFF	/	20°、30°、40° 60°、20*40°
		DC24V	36W	W	ON/OFF	/	20°、30°、40° 60°、20*40°
		DC48V	18W	W	ON/OFF	/	20°、30°、40° 60°、20*40°
		DC48V	24W	W	ON/OFF	/	20°、30°、40° 60°、20*40°
		DC48V	36W	W	ON/OFF	/	20°、30°、40° 60°、20*40°
		DC24V	18W	W	DMX512	1	20°、30°、40° 60°、20*40°
		DC24V	24W	W	DMX512	1	20°、30°、40° 60°、20*40°
		DC48V	18W	W	DMX512	1	20°、30°、40° 60°、20*40°
		DC48V	24W	W	DMX512	1	20°、30°、40° 60°、20*40°

OUGE-XQ45W (XA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle
		DC48V	48W	W	ON/OFF	/	8°、30°、15°、45° 60°、15*30°
		DC24V	36W	RGBW	DMX512	4	25°、15°、45° 60°、15*30°
		DC24V	36W	RGB	DMX512	4	25°、15°、45° 60°、15*30°
		DC24V	36W	WW	DMX512	4	25°、15°、45°、 60°、15*30°
		DC48V	36W	W	DMX512	4	30°、45° 60°、15*30°
		DC48V	36W	WW	DMX512	1	25°、15°、45° 60°、15*30°
		DC48V	36W	RGB	DMX512	1	25°、15°、45° 60°、15*30°
		DC48V	36W	RGBW	DMX512	1	25°、15°、45° 60°、15*30°
		DC48V	36W	RGBW	DMX512	1	20°、30° 15*30°、25*45°
		DC48V	48W	RGBW	DMX512	1	25°、15°、45° 60°、15*30°

OUGE-XQ60W (XA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle
		AC220V	60W	W	ON/OFF	/	8°、30°、15° 45°、60°、15*30°
		AC220V	60W	W	ON/OFF	/	3°
		AC220V	72W	W	ON/OFF	/	8°、30°、15° 45°、60°、15*30°
		AC220V	72W	W	ON/OFF	/	3°
		AC220V	96W	W	ON/OFF	/	8°、30°、15° 45°、60°、15*30°
		AC220V	96W	W	ON/OFF	/	3°
		AC220V	72W	RGBW	DMX512	1	15°、25°、45° 60°、15*30°
		AC220V	72W	RGBW	DMX512	1	8°



DOUBLE PROTECTION

LED Underwater Light



Underwater Flexible LED Strip Light



Underwater LED Point Light

Product Features

This product is specifically developed and designed for underwater lighting environments, tested to withstand underwater conditions up to 100 meters depth with an IP68 rating. It features high-strength waterproof cables and corrosion-resistant polymer alloy fixtures, along with specialized underwater connectors, ensuring long-term outdoor, underground, and underwater (seawater) use in harsh environments.

Applications

This product is not only suitable for underwater use but also for harsh environments with high humidity and high salt content. It is widely used in fountains, swimming pools, landscape ponds, landscape dams, hot springs, rivers, beaches, lighthouses, ships, underwater lighting for water treatment, cave melting, coal mines, water sports equipment, maritime leisure equipment, aquaculture, and fishing lighting equipment.

UNDERWATER FLEXIBLE LED STRIP LIGHT

Double Protection LED Underwater Light



Main Performance

- This product is designed and developed specifically for underwater lighting environments, certified for IP68 waterproofing up to 100 meters underwater.
- It features high-strength waterproof cables and corrosion-resistant polymer alloy mounting fixtures, complemented by specialized underwater connectors.
- The product is suitable for long-term use in outdoor, buried, and underwater (marine) harsh environments.
- The light body is flexible, allowing for various bending shapes.

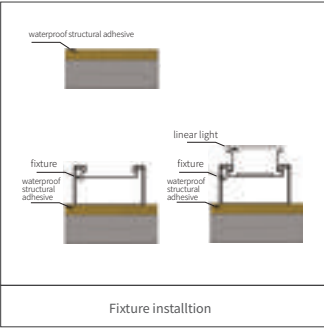
Application Scene

It can be used long-term for illuminating environments such as damp areas, underwater locations, riverbanks, fountain edges, swimming pools, park water features and underwater sections of bridges.

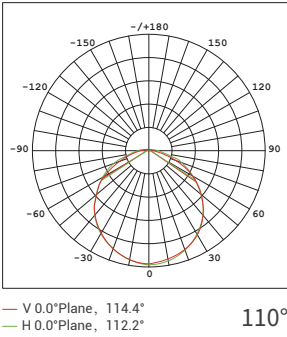
Features

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
IK Grade:	IK10
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC、BIS

Installation Method



Luminosity Distribution



YD-SRT18W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle
		DC24V	12W/m	RGB	SPI	8	110°

YD-SRT16W (YB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	CCT	Beam Angle
		DC24V	10W/m	W	ON/OFF	3000K	120°
		DC24V	12W/m	W	ON/OFF	3000K	120°

YD-SRT18W (YB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/m	Beam Angle
		DC24V	14W/m	RGB	SPI	10	110°

YD-SRT13W (YB)

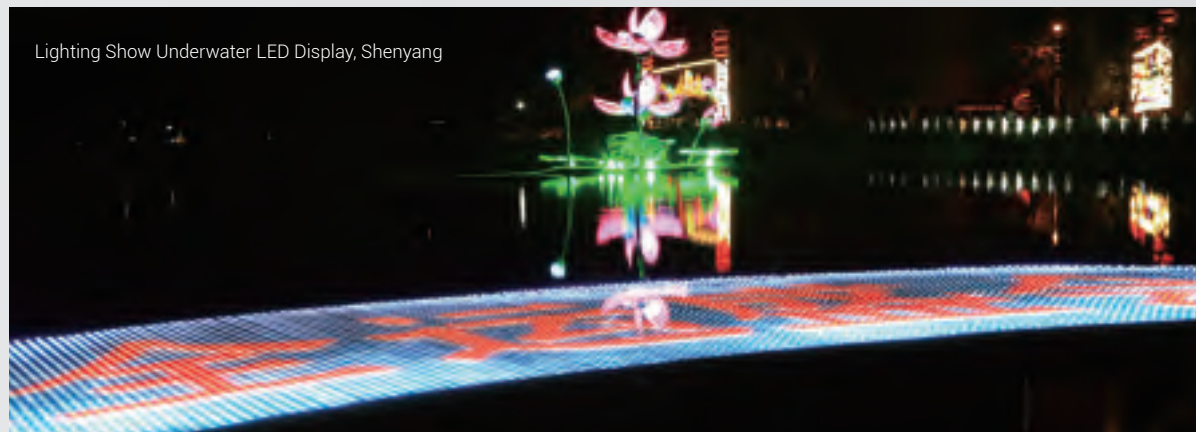
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	CCT	Beam Angle
		DC24V	10W/m	W	ON/OFF	3000K	110°
		DC24V	12W/m	W	ON/OFF	3000K	110°
		DC24V	14W/m	RGB	SPI	/	110°

YD-SRT13W (YB1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	CCT	Beam Angle
		DC24V	10W/m	W	ON/OFF	3000K	110°*180°
		DC24V	12W/m	W	ON/OFF	3000K	110°*180°
		DC24V	14W/m	RGB	SPI	/	110°*170°

UNDERWATER LED POINT LIGHT

Double Protection LED Underwater Light



Main Performance

- This product is designed and developed specifically for underwater lighting environments, certified for IP68 waterproofing up to 100 meters underwater.
- It features high-strength waterproof cables and corrosion-resistant polymer alloy mounting fixtures, complemented by specialized underwater connectors.

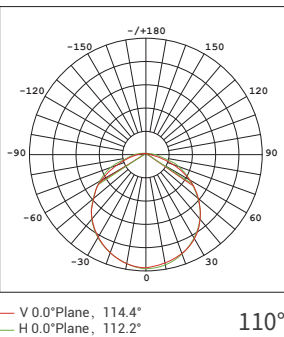
Application Scene

This product is not only suitable for underwater use but also for harsh environments with high humidity and high salt content. It is widely used in fountains, swimming pools, landscape ponds, landscape dams, hot springs, rivers, beaches, lighthouses, ships, underwater lighting for water treatment, cave exploration, coal mines, water sports equipment, maritime leisure equipment, aquaculture, and fishing lighting equipment.

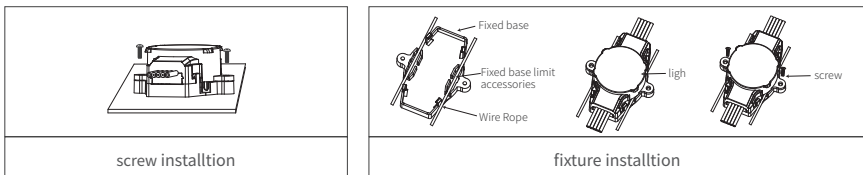
Features

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
IK Grade:	IK10
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC、CQC

Luminosity Distribution



Installation Method



YD-SDG30W (YA)

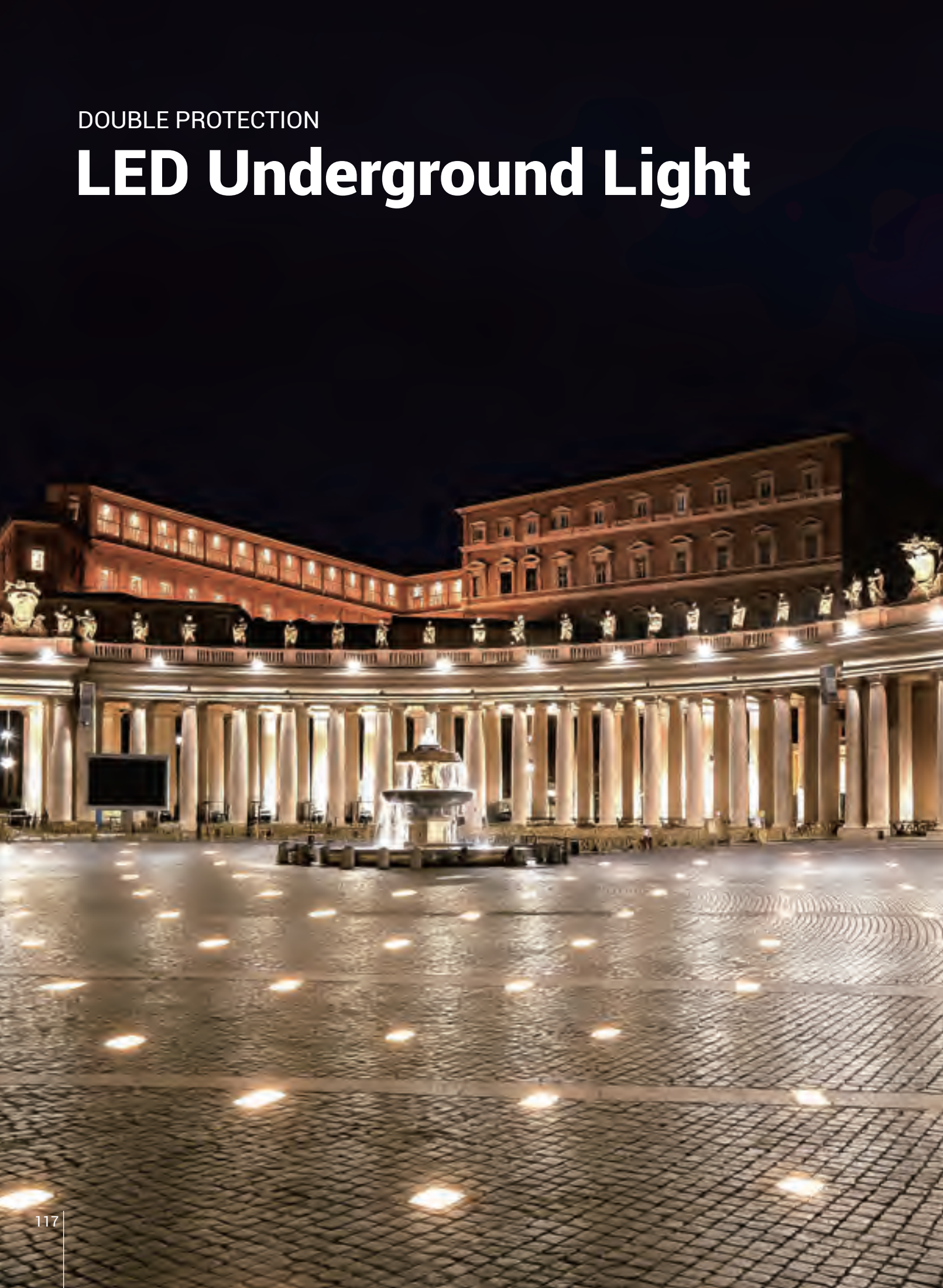
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC12V	0.8W	RGB	DMX512	17cm	110°

YD-SDG40W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC12V	0.8W	RGB	DMX512	18cm	110°

YD-SDG50W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Center Distance	Beam Angle
		DC12V	2W	RGB	DMX512	22cm	110°



DOUBLE PROTECTION

LED Underground Light



Round Wide-Edge Underground Light



Round Narrow-Edge Underground Light



Square Frameless Underground Light



Square Narrow-Edge Underground Light



Marble Pattern Underground Light



Long Strip Underground Light

Product Features

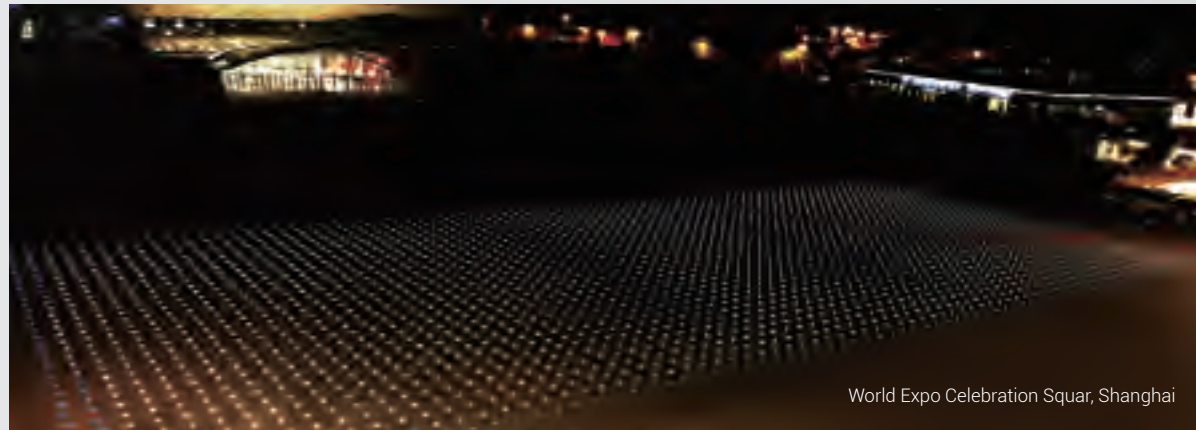
The integrated molding technology is used to avoid condensation of water droplets inside the lamp; the light-emitting surface is designed to be uniformly lit, and there is no glare when viewed from a close distance; it supports full-color dynamic control and interactive control ; its appearance includes various shapes such as round, square, long strip, diamond, triangle, etc. and supports customization of shape and surface pattern; the protection level reaches the highest level IP68, and the impact resistance reaches IK10; the product service life can reach 5-10 years, far exceeding similar products on the market.

Applications

Suitable for embedded lighting and intelligent lighting in outdoor spaces such as plazas, parks, lawns, and pedestrian streets.

ROUND WIDE-EDGE UNDERGROUND LIGHT

Double Protection LED Underground Light



Main Performance

- The fixture is made of Macromolecule alloy material and stainless steel, with an integrated light source housing design.
- Provides uniform and soft lighting with excellent waterproof performance.
- Achieves the highest protection level of IP68 and impact resistance level of IK10.

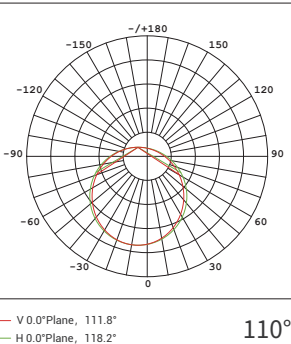
Application Scene

Suitable for embedded lighting and intelligent lighting in outdoor spaces such as plazas, parks, lawns, and pedestrian streets.

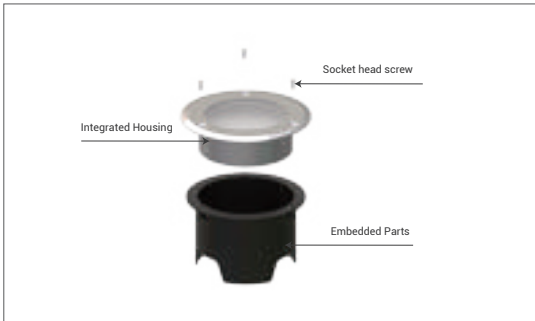
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE, FCC

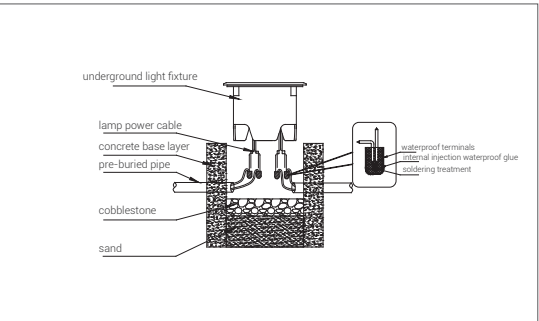
Luminosity Distribution



Structure Chart



Installation Method



YD-DM90W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/set	Beam Angle
		DC12V	0.8W	W	ON/OFF	/	110°
		DC24V	1W	W	ON/OFF	/	110°
		DC12V	1.5W	RGB	DMX512	1	110°

YD-DM120W (YA)

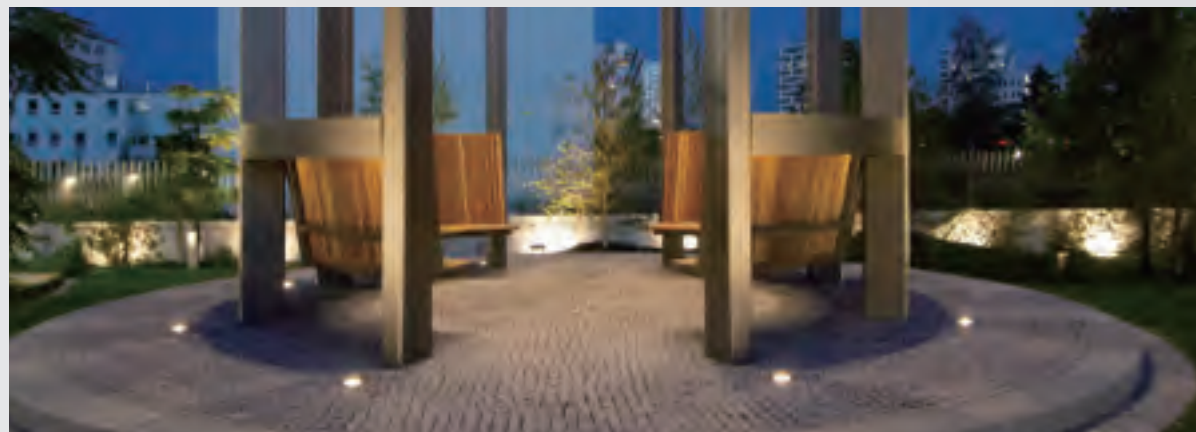
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/set	Beam Angle
		DC12V	1.5W	W	ON/OFF	/	110°
		DC12V	4W	RGB	DMX512	1	110°

YD-DM160W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/set	Beam Angle
		DC12V	3W	W	ON/OFF	/	110°
		DC12V	6.5W	RGB	DMX512	1	110°

ROUND NARROW-EDGE UNDERGROUND LIGHT

Double Protection LED Underground Light



Main Performance

- The integrated molding technology is used to avoid condensation of water droplets inside the lamp.
- The light-emitting surface is evenly lit, and there is no glare when watching from a close distance.
- It supports full-color dynamic control and interactive control.
- The protection level reaches the highest level IP68, and the impact resistance reaches IK10.
- The product service life can reach 5-10 years, which is far superior to similar products on the market.

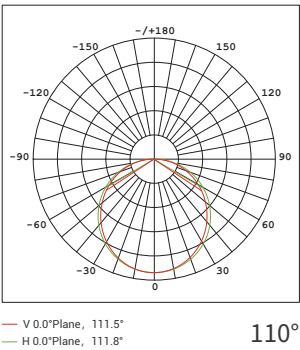
Application Scene

Ideal for outdoor ground lighting and smart lighting in locations such as squares, parks, lawns, and pedestrian streets.

Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE, FCC

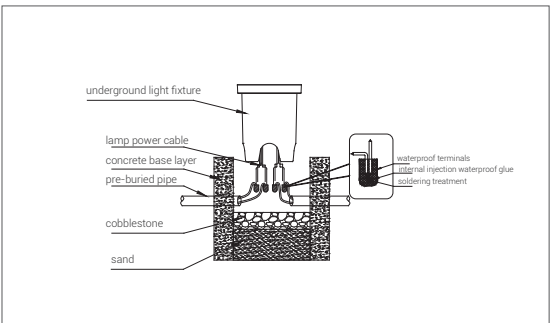
Luminosity Distribution



Structure Chart



Installation Method

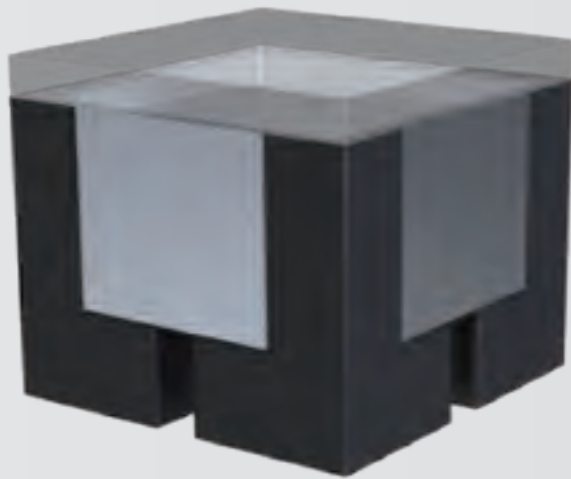


YD-DM100W (YA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/set	Beam Angle
		DC24V	1W	W	ON/OFF	/	110°
		DC24V	3W	RGB	DMX512	1	110°

SQUARE FRAMELESS UNDERGROUND LIGHT

Double Protection LED Underground Light



Golf Plaza in Huangxing Park, Shanghai

Main Performance

- Integrated design with frosted glass housing for anti-slip and anti-glare properties.
- Frameless design maximizes the light-emitting surface area without shadowed or dark zones.
- Achieves the highest IP68 protection rating and IK10 impact resistance.

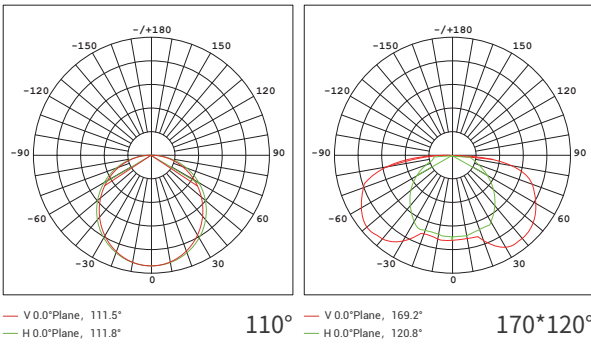
Application Scene

Suitable for ground lighting in leisure areas such as squares, outdoor parks, gardens, flower beds, and commercial pedestrian streets.

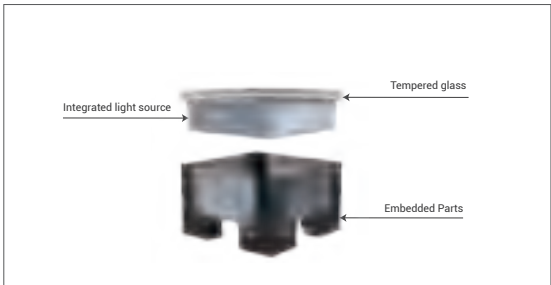
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE, FCC

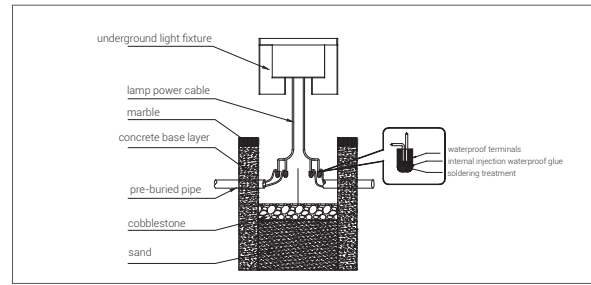
Luminosity Distribution



Structure Chart



Installation Method



YD-DM90W (YB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/set	Beam Angle
		DC12V	1.5W	W	ON/OFF	/	170°*120°
		DC12V	4.5W	RGB	DMX512	1	170°*120°

YD-DM120W (YB)

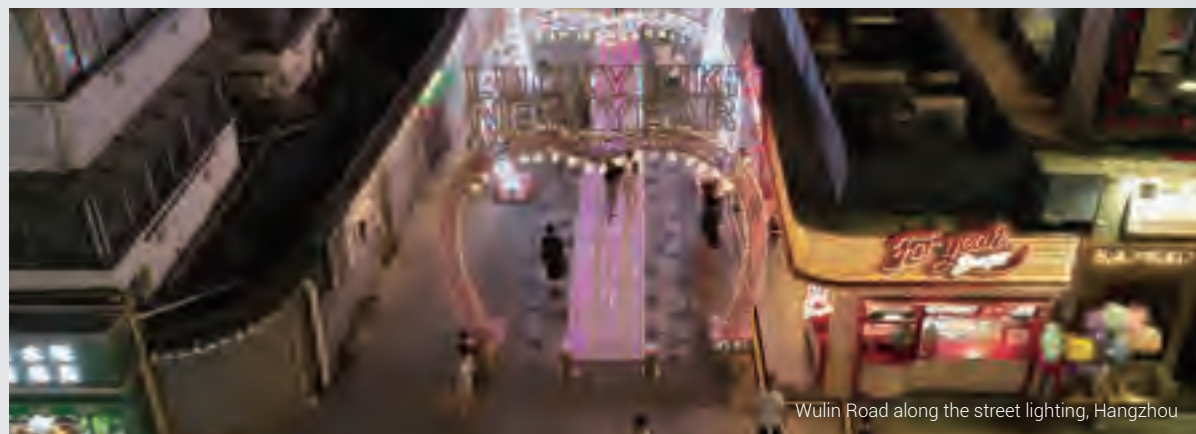
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/set	Beam Angle
		DC12V	3W	W	ON/OFF	/	110°
		DC12V	9W	RGB	DMX512	1	110°
		DC24V	5W	RGB	DMX512	1	110°

YD-DM160W (YB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/set	Beam Angle
		DC12V	5W	W	ON/OFF	/	110°
		DC12V	15W	RGB	DMX512	1	110°
		DC24V	10W	RGB	DMX512	1	110°

SQUARE NARROW-EDGE UNDERGROUND LIGHT

Double Protection LED Underground Light



Wulin Road along the street lighting, Hangzhou

Main Performance

- The integrated molding technology is used to avoid condensation of water droplets inside the lamp.
- The uniform light design of the luminous surface ensures glare-free viewing at close range.
- The embedded plug-in installation enables seamless splicing of lamps.
- The shape and surface pattern customization are supported.
- The protection level reaches the highest level IP68, and the impact resistance reaches IK10.

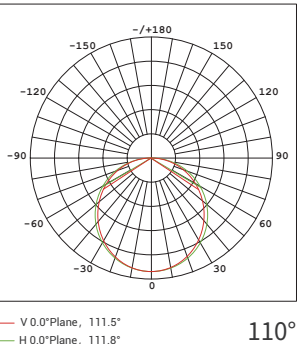
Application Scene

Ideal for outdoor ground lighting and smart lighting in locations such as squares, parks, lawns, and pedestrian streets.

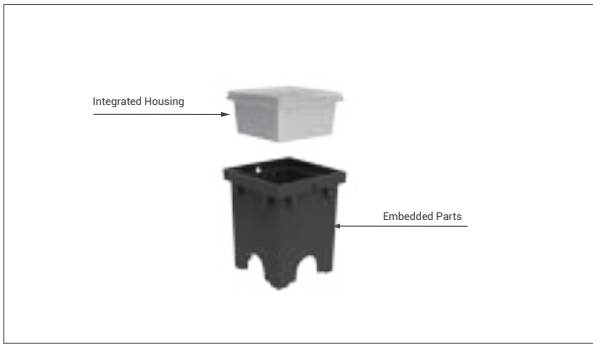
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE, FCC

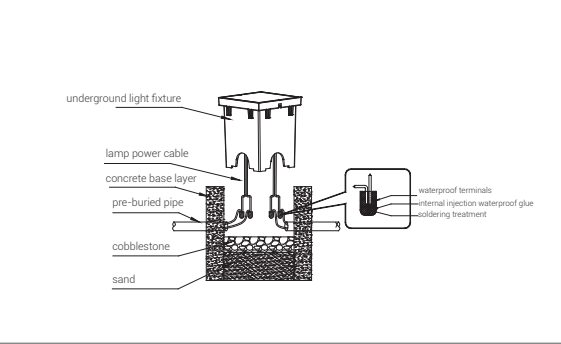
Luminosity Distribution



Structure Chart



Installation Method

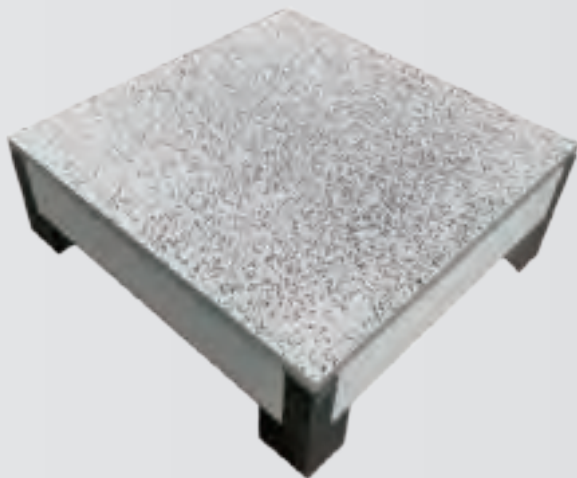


YD-DM100W (YB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/set	Beam Angle
		DC24V	1.5W	W	ON/OFF	/	110°
		DC24V	4.5W	RGB	DMX512	1	110°

MARBLE PATTERN UNDERGROUND LIGHT

Double Protection LED Underground Light



Main Performance

- The frosted glass shell is designed to be anti-slip and anti-glare.
- No metal edging, the luminous surface is maximized and there is no shadow or dark area.
- The protection level reaches the highest level IP68, and the impact resistance reaches IK10.
- The marble pattern has both lighting and decorative functions.

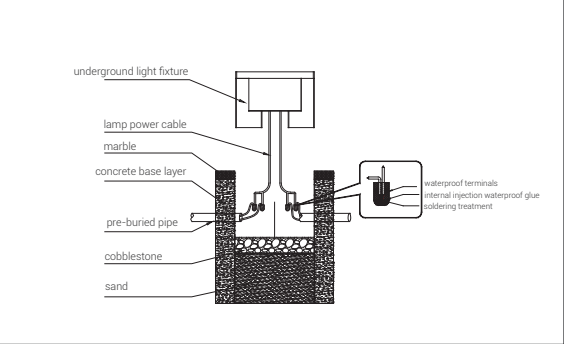
Application Scene

Ideal for outdoor ground lighting and smart lighting in locations such as squares, parks, lawns, and pedestrian streets.

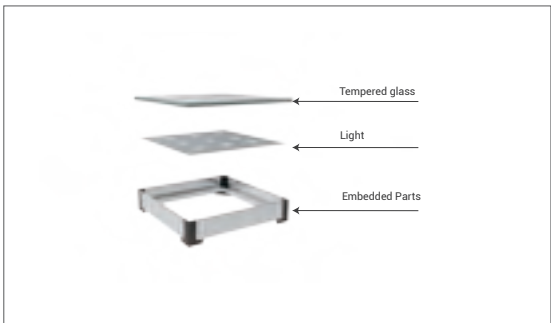
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、 FCC

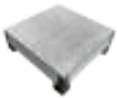
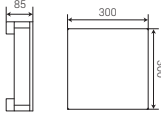
Installation Method



Structure Chart

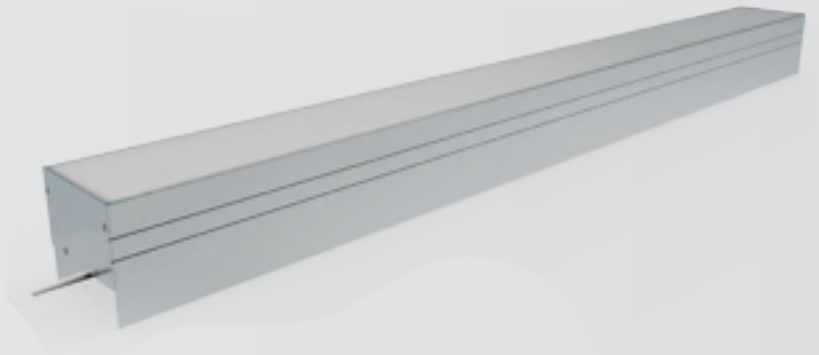


YD-DM300W (YB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/set
		DC12V	10W	W	ON/OFF	/
		DC24V	20W	RGB	DMX512	1
		DC24V	20W	RGB	DMX512	1

LONG STRIP UNDERGROUND LIGHT

Double Protection LED Underground Light



Main Performance

- The integrated molding technology is used to avoid condensation of water droplets inside the lamp.
- The light-emitting surface is evenly lit, and there is no glare when watching from a close distance.
- The protection level reaches the highest level IP68, and the impact resistance reaches IK10.

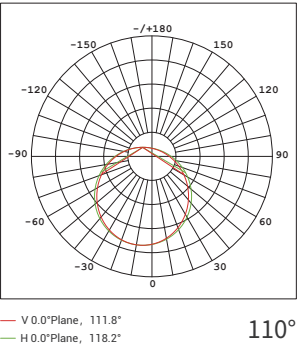
Application Scene

Primarily used for large-scale plaza landscape lighting, ground illumination in urban public spaces, and urban buried landscape lights. Also suitable for underwater landscape lighting in locations such as pools, fountains, and aquariums.

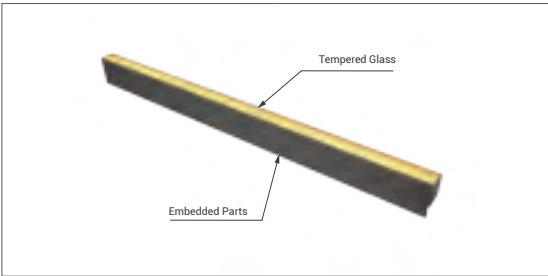
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC

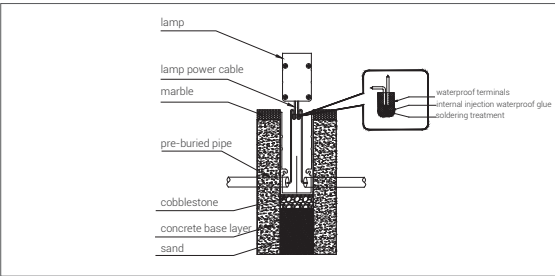
Luminosity Distribution



Structure Chart



Installation Method



YD-DM40W (YC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/set	Beam Angle
		DC24V	12W	W	ON/OFF	/	110°
		DC24V	12W	W	DMX512	8	110°
		DC24V	12W	RGB	DMX512	1	110°
		DC24V	12W	RGB	DMX512	8	110°

YD-DM40W (YC1)

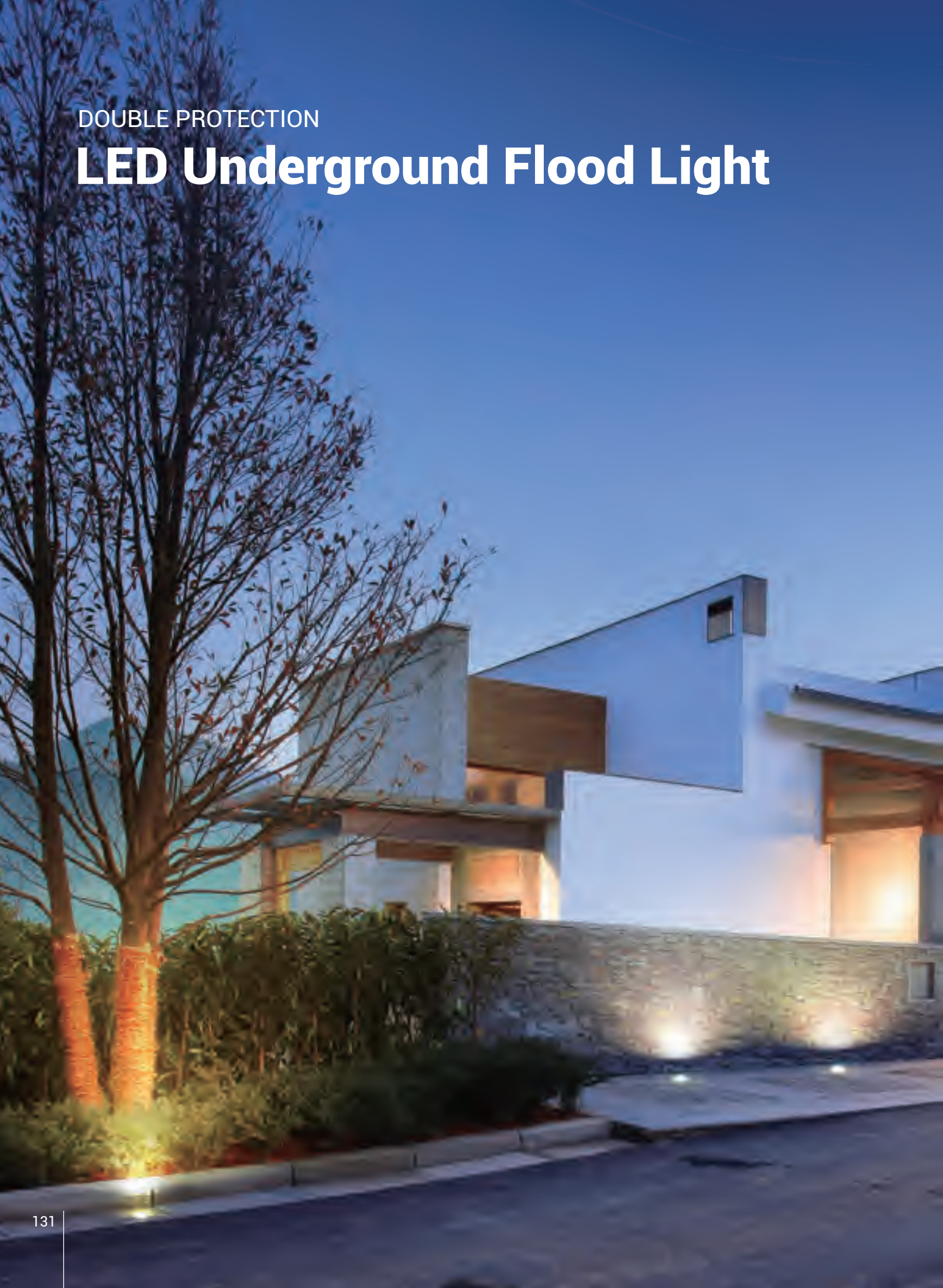
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/set	Pixel/set
		DC24V	12W	W	ON/OFF	/	110°
		DC24V	12W	W	DMX512	8	110°
		DC24V	12W	RGB	DMX512	1	110°
		DC24V	12W	RGB	DMX512	8	110°

YD-DM100W (YC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Pixel/set	Pixel/set
		DC24V	7.5W	W	ON/OFF	/	110°
		DC24V	24W	RGB	DMX512	1	110°

DOUBLE PROTECTION

LED Underground Flood Light



Rectangular
LED Underground Flood Light



Square
LED Underground Flood Light



Round
LED Underground Flood Light

Product Features

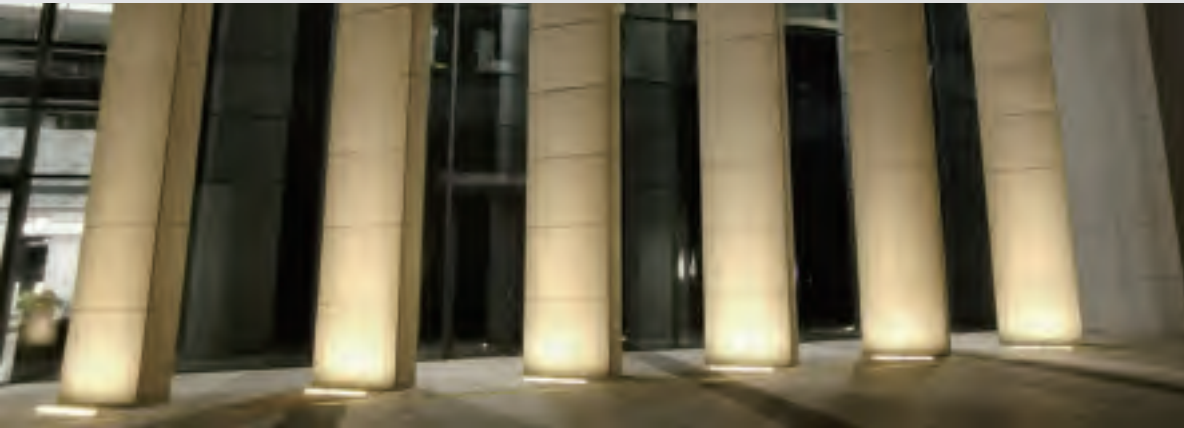
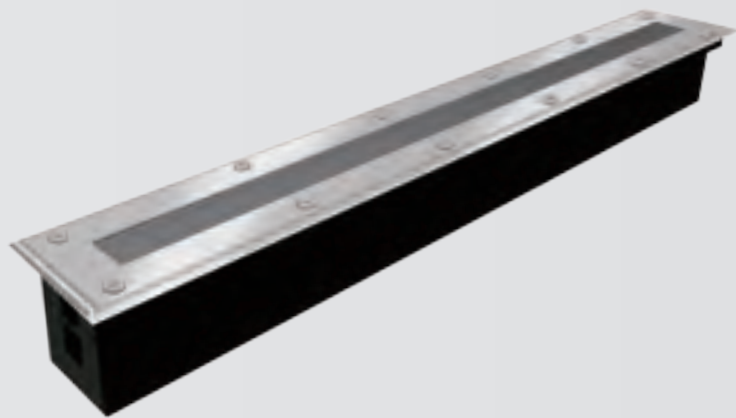
Using Double Protection waterproof technology, the protection level reaches IP68, improve the thermal conductivity and heat dissipation of chips. Built-in professional lens, effectively solve the problem of light control and light distribution. The shell color can be determined according to the environment background.

Applications

Suitable for inground floodlighting in hotels, hotel lobbies, commercial streets, pedestrian streets, city squares, garden landscapes, courtyard villas, building facades, and other areas.

RECTANGULAR LED UNDERGROUND FLOOD LIGHT

Double Protection LED Underground Flood Light



Main Performance

- Built in high-power waterproof module light source and professional lens, with high projection height and adjustable beam angle.
- Made of high-density pure aluminum casting and non-slip tempered glass.
- Transparent and ultra-thin design suitable for both indoor and outdoor use.
- Adopting double protection technology, the protection grade reaches the highest level of IP68, and the impact resistance performance reaches IK10.

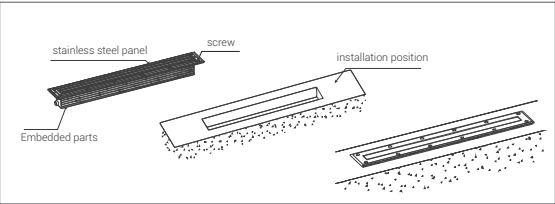
Application Scene

Suitable for inground floodlighting in hotels, hotel lobbies, commercial streets, pedestrian streets, city squares, garden landscapes, courtyard villas, building facades, and other areas.

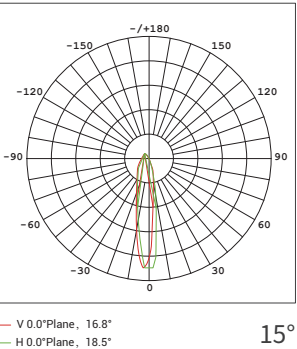
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE,FCC

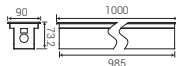
Installation Method



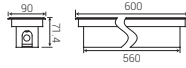
Luminosity Distribution



YD-DMT90W (ZC)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	18W	W	ON/OFF	15°、30°、45°
		DC24V	24W	W	ON/OFF	15°、30°、45°
		DC24V	30W	W	ON/OFF	15°、30°、45°
		DC24V	30W	RGB	DMX512	45°
		DC24V	18W	RGB	DMX512	45°
		DC24V	24W	RGB	DMX512	45°

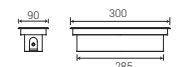
YD-DMT90W (ZC1)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	15W	W	ON/OFF	15°、30°、45°
		DC24V	16W	RGB	DMX512	45°

YD-DMT90W (ZC2)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	12W	W	ON/OFF	15°、30°、45°
		DC24V	12W	RGB	DMX512	45°

YD-DMT90W (ZC3)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	6W	W	ON/OFF	15°、30°、45°
		DC24V	6W	RGB	DMX512	45°

SQUARE LED UNDERGROUND FLOOD LIGHT

Double Protection LED Underground Flood Light



Main Performance

- Built in high-power waterproof module light source and professional lens, with high projection height and adjustable beam angle.
- Adopting double protection technology, the protection grade reaches the highest level of IP68, and the impact resistance performance reaches IK10.
- The appearance and size of the product can be customized.

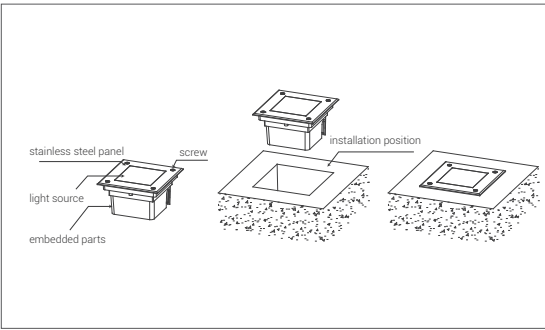
Application Scene

Suitable for large open spaces such as squares and outdoor parks, as well as building facade projection lighting, and projection lighting for gardens, pools, fountains, and other occasions.

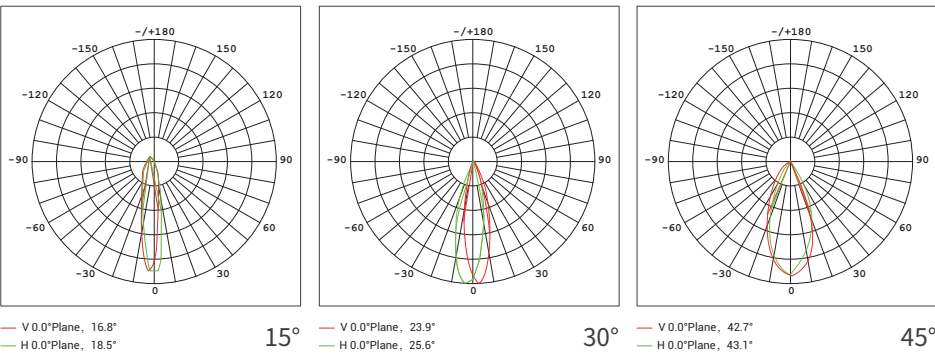
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC

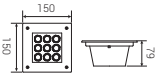
Installation Method



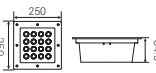
Luminosity Distribution



YD-DMT150W (ZB)

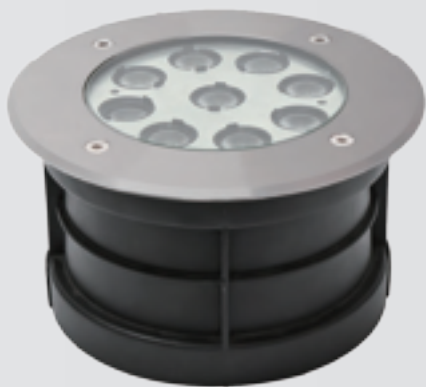
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	9W	W	ON/OFF	15°、30°、45°

YD-DMT250W (ZB)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	25W	W	ON/OFF	15°、30°、45°

ROUND LED UNDERGROUND FLOOD LIGHT

Double Protection LED Underground Flood Light



Main Performance

- Built in high-power waterproof module light source and professional lens, with high projection height and adjustable beam angle.
- Adopting double protection technology, the protection grade reaches the highest level of IP68, and the impact resistance performance reaches IK10.
- The appearance and size of the product can be customized.

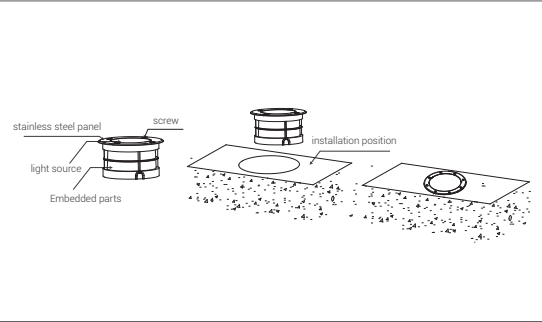
Application Scene

Suitable for underground floodlighting in leisure public places such as residential communities, green belts, and cultural and tourism scenic spots.

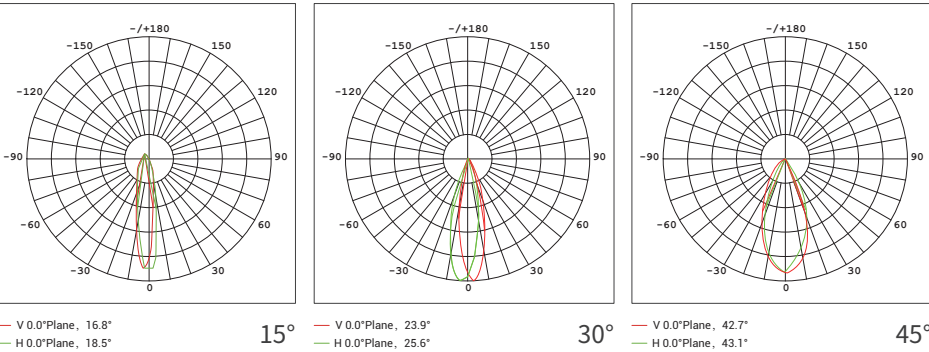
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC

Installation Method



Luminosity Distribution



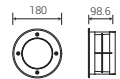
YD-DMT80W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	1W	W	ON/OFF	30°、45°

YD-DMT120W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	3W	W	ON/OFF	15°、30°、45°
		DC24V	3W	RGB	DMX512	45°

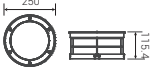
YD-DMT180W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	9W	W	ON/OFF	15°、30°、45°
		DC24V	9W	RGB	DMX512	45°

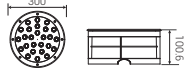
YD-DMT200W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	12W	W	ON/OFF	15°、30°、45°
		DC24V	12W	RGB	DMX512	45°

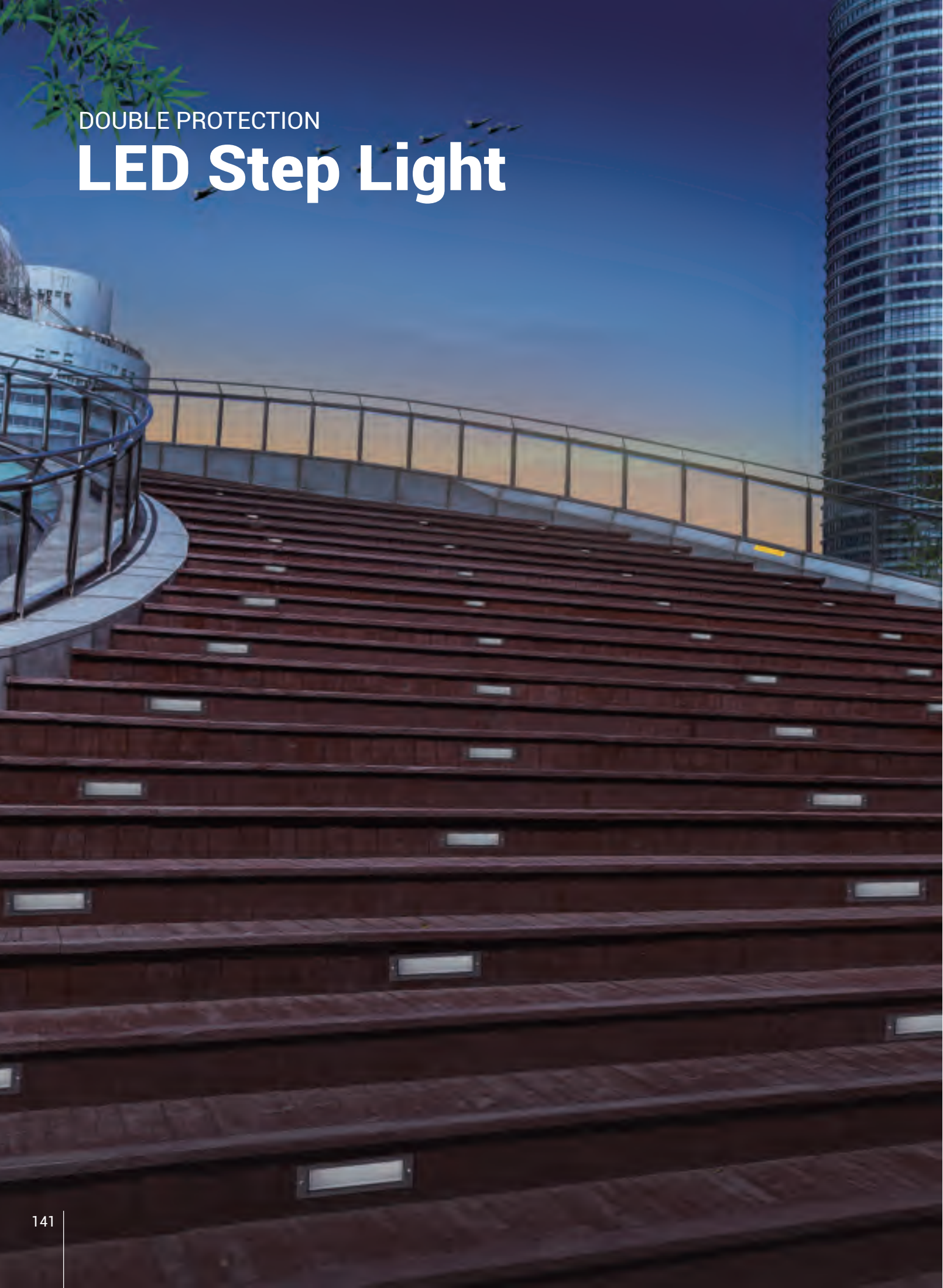
YD-DMT250W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	18W	W	ON/OFF	15°、30°、45°
		DC24V	18W	RGB	DMX512	45°

YD-DMT300W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	26W	W	ON/OFF	15°、30°、45°
		DC24V	36W	W	ON/OFF	15°、30°、45°
		DC24V	36W	RGB	DMX512	45°





DOUBLE PROTECTION

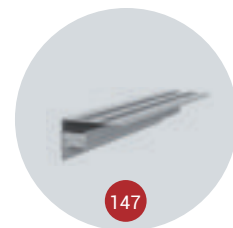
LED Step Light



Flat LED Step Light



Bevel LED Step Light



Long LED Step Light

Product Features

Made of high-density pure aluminum, the surface is electrostatically painted and not easy to fade. The light is uniform, the product has a long lifespan, and the installation is efficient and convenient. A variety of models and different lighting effects are available. The built-in light source protection level reaches the highest IP68, ensuring that the product can be used for a long time in harsh environments such as indoors, outdoors, buried, underwater (seawater), etc.

Applications

Suitable for indoor and outdoor step lighting in various occasions such as indoors, squares, parks, lawns, pedestrian streets, hotels, KTVs, cinemas, etc.

FLAT LED STEP LIGHT

Double Protection LED Step Light



Main Performance

- It is made of high-density pure aluminum casting, and the surface is not easy to fade after electrostatic painting.
- It has a built-in double protection waterproof light source module, and the light effect is uniform.
- The protection level reaches IP68, and the product has a long lifespan.
- Flat design, bright and focused light.

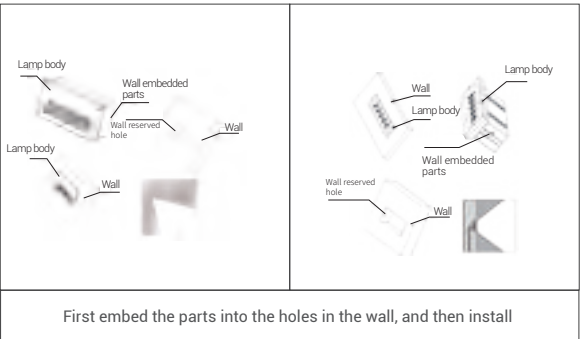
Application Scene

It can be used for low illuminating angle lights on steps in indoor and outdoor places such as indoor residences, commercial spaces, outdoor landscape trails, parks, and courtyards.

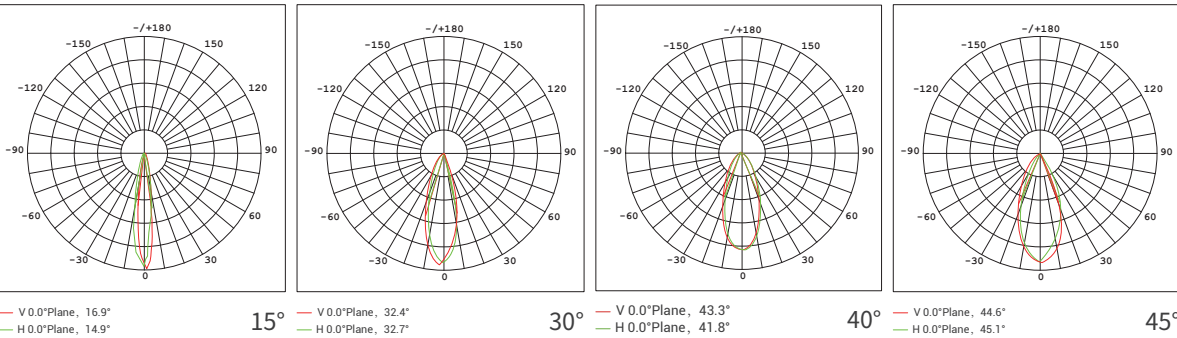
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE, FCC

Installation Method



Luminosity Distribution



YD-TJ110W (ZA)

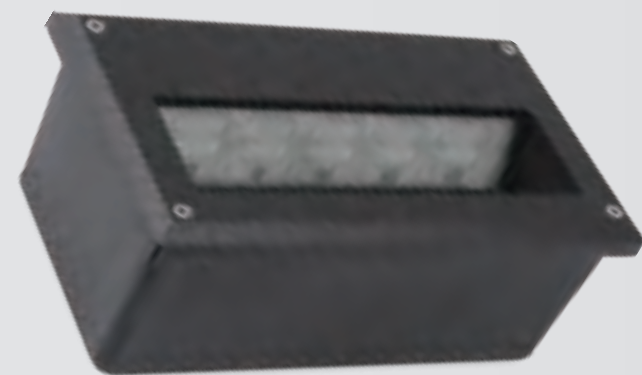
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC12V	3W	W	ON/OFF	15°、30°、45°

YD-TJ250W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	5W	W	ON/OFF	40°

BEVEL LED STEP LIGHT

Double Protection LED Step Light



Main Performance

- It is made of high-density pure aluminum casting, and the surface is not easy to fade after electrostatic painting.
- It has a built-in double protection waterproof light source module, and the light effect is uniform.
- The protection level reaches IP68, and the product has a long lifespan.
- The beveled light-emitting port design emits light downward, making the light more uniform and softer, with a wide illumination range.

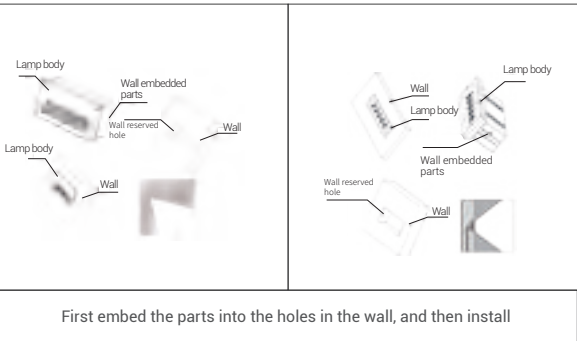
Application Scene

It can be used for low illuminating angle lights in indoor, public entertainment venues, park courtyards, flower beds, squares, etc.

Features (Built-in light source)

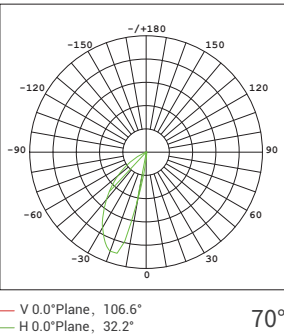
Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE、FCC

Installation Method



First embed the parts into the holes in the wall, and then install

Luminosity Distribution



YD-TJ160W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color Control Method		Beam Angle
		DC12V	3W	W	ON/OFF	70°

YD-TJ110X85W (ZA)

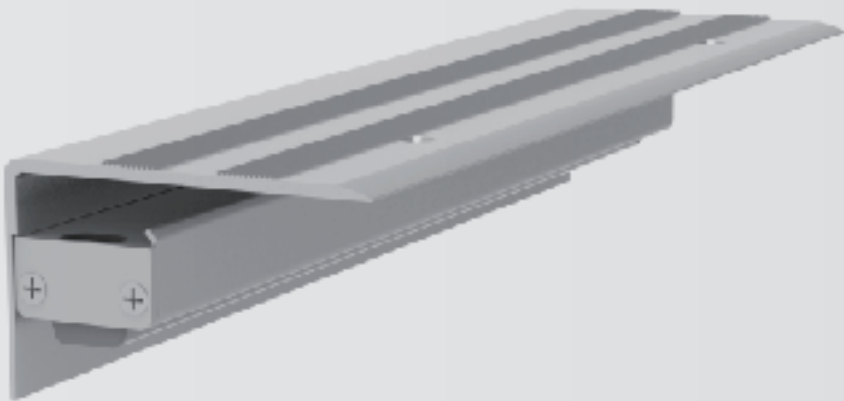
Product Photo	Size (mm)	Voltage	Power	LED Color Control Method		Beam Angle
		DC24V	5W	W	ON/OFF	/

YD-TJ165X130W (ZA)

Product Photo	Size (mm)	Voltage	Power	LED Color Control Method		Beam Angle
		DC24V	3W	W	ON/OFF	70°

LONG LED STEP LIGHT

Double Protection LED Step Light



Grand Theatre, Tangshan

Main Performance

- The lamp is made of aluminum alloy, which is sturdy and durable.
- Special anti-slip texture design, safe and reliable.
- Built-in double protection linear light source, protection level reaches IP68.
- The length and color can be customized according to the needs of the stairs.
- Groove wiring design, easy installation, neat and beautiful.

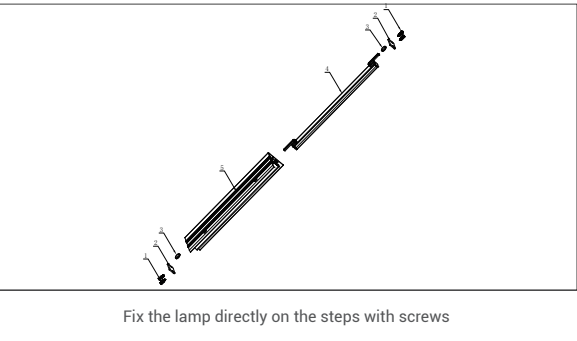
Application Scene

It can be used in indoor, cinema, KTV, large shopping malls, outdoor landscape trails, parks, courtyards and other places where step lighting is needed.

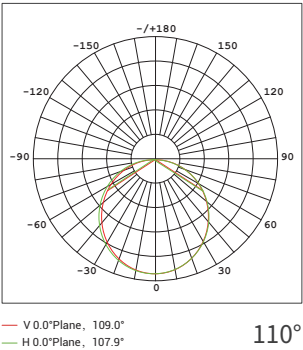
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE,FCC

Installation Method



Luminosity Distribution



YD-TJ22W (YA)

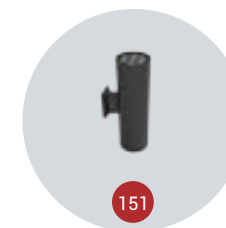
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	12W	RGB	DMX512	110°

YD-TJ22W (YA1)

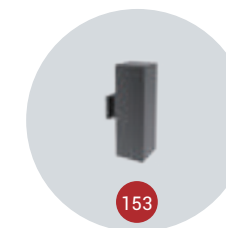
Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	12W	RGB	DMX512	110°

DOUBLE PROTECTION

LED Wall Light



Round Wall Light



Square Wall Light

Product Features

High density pure aluminum casting molding, the surface went through electrostatic paint treatment is not easy to fade. Built-in double protection waterproof light source module, the protection level of the product reaches the highest IP68, flame retardant grade V-0, anti-UV and anti-aging performance to achieve stable long-term use requirements. Uniform light, good lighting effect, light illuminating angle can be adjusted.

Applications

Suitable for indoor home, residential villa, park courtyard, hotel accommodation, commercial places, etc.

ROUND WALL LIGHT

Double Protection LED Wall Light



Main Performance

- Cylindrical two-way floodlight wall lamp, emitting light evenly.
- Built-in double protection waterproof light source module, the waterproof protection grade achieve IP68.

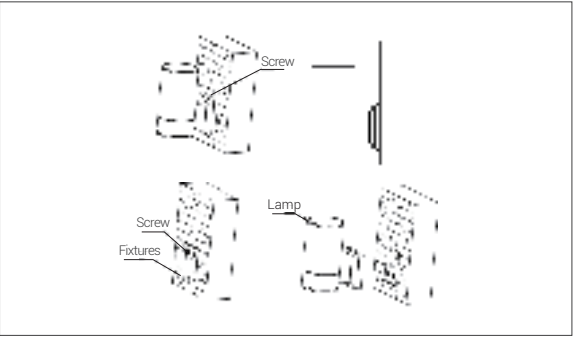
Application Scene

Mainly used in residential areas, parks, hotels, corridors, outdoor courtyards and other wall lighting.

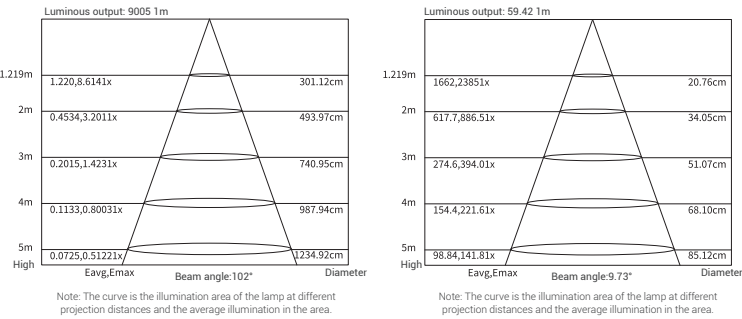
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE, FCC

Installation Method



Planar Isometric Curve



YD-BD80W (ZA) (bidirectional)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		AC220V	8W	W	ON/OFF	15°、30°、45°

YD-BD108W (ZA) (unidirectional)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	6W	W	ON/OFF	15°、30°、45°

YD-BD108W (ZA1) (bidirectional)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	14W	W	ON/OFF	15°、30°、45°

YD-BD145W (ZA) (bidirectional)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	14W	W	ON/OFF	8°

YD-BD-BD160W (ZA) (bidirectional)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	18W	W	ON/OFF	30°、45°

SQUARE WALL LIGHT

Double Protection LED Wall Light



Main Performance

- Two-way projection rectangular structure, long projection distance, good effect.
- Built-in double protection waterproof light source module, the waterproof protection grade achieve IP68.

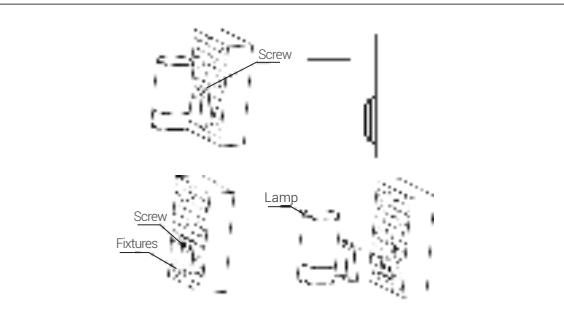
Application Scene

Mainly used in residential areas, parks, hotels, corridors, outdoor courtyards and other wall lighting.

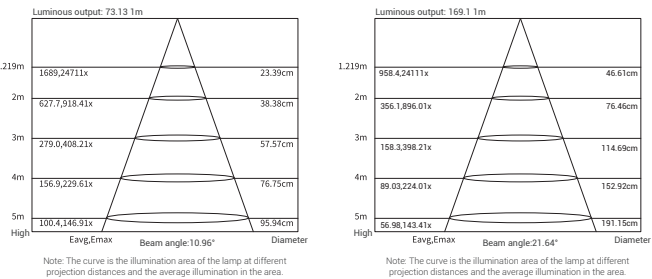
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE,FCC

Installation Method



Planar Isometric Curve



YD-BD120W (ZB) (unidirectional)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	4W	W	ON/OFF	8°

YD-BD120W (ZB1) (bidirectional)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC24V	8W	W	ON/OFF	8°

YD-BD150W (ZB) (unidirectional)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	9W	W	ON/OFF	8°

YD-BD150W (ZB1) (bidirectional)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	18W	W	ON/OFF	15°、30°、45°

YD-BD200W (ZB) (unidirectional)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	16W	W	ON/OFF	8°、15°、30°、45°

YD-BD200W (ZB1) (bidirectional)

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Beam Angle
		DC36V	32W	W	ON/OFF	8°、15°、30°、45°

DOUBLE PROTECTION

LED Lawn Light

Main Performance

- It adopt metal housing and built-in self-developed high performance waterproof light source.
- YD LED lawn light achieves the highest protection grade IP68 and can be worked well in outdoor harsh environment with a long time usage.
- It possesses the features of uniform lighting effects, long projection distance, excellent lighting effects, simple appearance and easy installation.

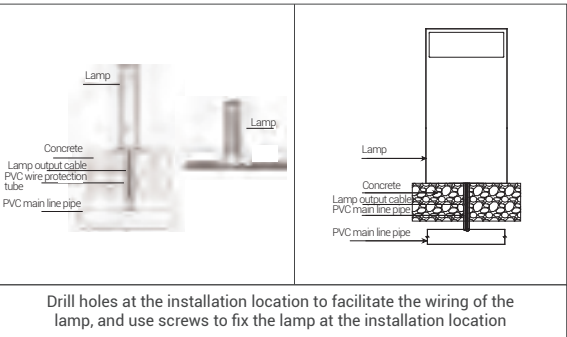
Application Scene

Suitable for indoor home, residential villa, park courtyard, hotel accommodation, commercial places, etc.

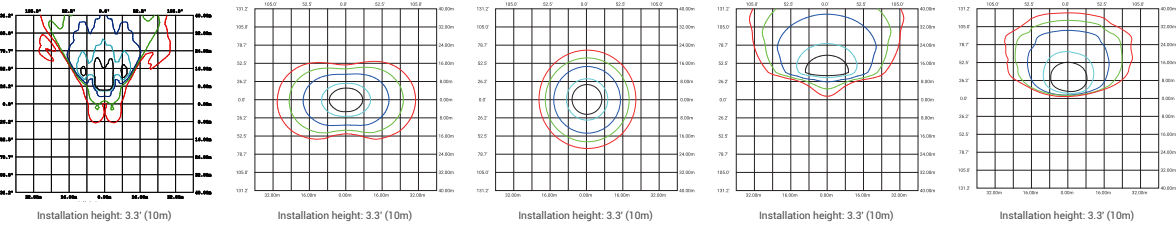
Features (Built-in light source)

Protection Grade:	IP68
Flame Retardant Grade:	V-0
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C / -40°F~+131°F
Product Certification :	CE, FCC

Installation Method



Planar Isometric Curve



Model	Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method
YD-CP120W (ZA)			DC24V	4W	W	ON/OFF
YD-CP140W (ZA)			DC24V	4W	W	ON/OFF
YD-CP160W (ZA)			DC24V	4W	W	ON/OFF
YD-CP170W (ZA)			DC24V	6W	W	ON/OFF
YD-CP190W (ZA)			DC36V	9W	W	ON/OFF
YD-CP200x600W (ZA)			DC24V	5W	W	ON/OFF
YD-CP260x180W (ZA)			DC24V	6W	W	ON/OFF
YD-CP260x500W (ZA)			DC24V	6W	W	ON/OFF



LED String Light

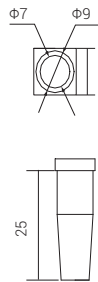
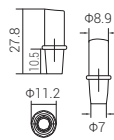
Main Performance

- Adopted Double Protection Technology, it's achieved the highest waterproof grade IP68 and the highest flame retardant grade V-0.
- Used thicker wire , it's more stable、stronger and resistance to bending and breaking.
- Static single color, RGB, single pixel controllable LED String light, single pixel (desirable quantity) LED String light

Application Scene

It is mainly used for decorative lighting for festivals such as the Lantern Festival, Christmas, and the Spring Festival etc; lighting shows in theme parks and tourist attractions etc; and decorative lighting for outdoor landscapes such as parks, communities, and squares.

YD-MTX9

Product Name	Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	
Static single color LED string light			AC220V	6W	W	ON/OFF	
			AC220V	2.5W	W	ON/OFF	
Static single color LED string light (Power adapter not included)			DC36V	6W	W	ON/OFF	
			DC24V	4W	W	ON/OFF	
LED string with RGB dynamic color changing effect			AC220V	6W	W	Dynamic Change	
			AC220V	2.5W	W	Dynamic Change	
			AC220V	6W	R/G/B/W...	Dynamic Change	
LED string with RGB dynamic color changing effect (Power adapter not included)			DC29V	6W	W	Dynamic Change	
			DC12V	2.5W	W	Dynamic Change	
RGB LED string light (Power adapter not included)			DC5V	7.5W	RGB	DMX512	
Single pixel controllable LED string light			DC24V	11.5W	RGB	DMX512	
Single pixel (desirable quantity) LED string light			DC24V	8W	W	ON/OFF	
Static single color LED string light (Power adapter not included)			DC12V	5W	W	ON/OFF	



3D Printed Garden Light

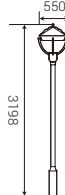
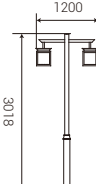
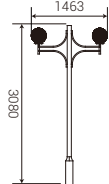
Main Performance

- Made of MMLA 3D printing polymer alloy consumables that can be used outdoors for a long time.
- With UV resistance, flame retardant V-0, high and low temperature resistance and other properties.
- Can be customized according to the needs of any pattern, modeling.
- The outdoor service life of this series products is 5-10 years.

Application Scene

It is mainly used for lighting of roads and lawns in residential areas, holiday resorts, cultural and tourism scenic spots, villas and B&Bs, etc.

The shape and color of the lampshade can be customized

Model	Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method
OUGE-TY-A			AC220V	36W	W	ON/OFF
OUGE-TY-B			AC220V	36W	W	ON/OFF
OUGE-TY-C			AC220V	36W*2	W	ON/OFF
OUGE-TY-D			AC220V	36W*2	W	ON/OFF

3D Printed Lawn Light

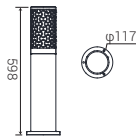
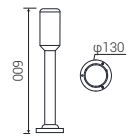
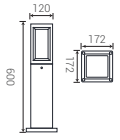
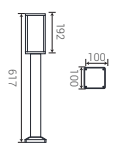
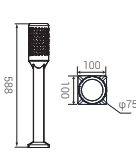
Main Performance

- 3D printing exquisite design, with UV- resistant, flame retardant V-0, high and low temperature resistance and other properties.
- Support personalized small batch rapid customization, both lighting and decorative functions.
- Outdoor service life of this series of products is 5-10 years.

Application Scene

Mainly used in residential areas, resorts, hotels, green belts, lawns, squares and other public leisure places night lighting.

The shape and color of the lampshade can be customized

Model	Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method
OUGE-CP-A01			AC220V	8W	W	ON/OFF
OUGE-CP-B01			AC220V	6W	W	ON/OFF
OUGE-CP-C01			AC220V	8W	W	ON/OFF
OUGE-CP-D01			AC220V	6W	W	ON/OFF
OUGE-CP-D02			AC220V	6W	W	ON/OFF



3D Printed Post Cap Light

Main Performance

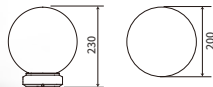
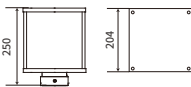
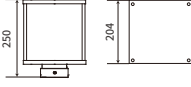
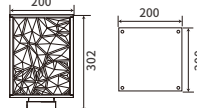
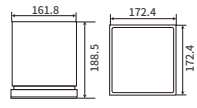
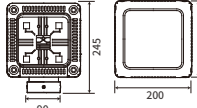
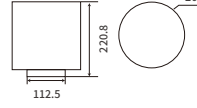
- It is printed using MMLA 3D printing polymer alloy consumables that are uniform in light, flame retardant, UV-resistant, salt spray-resistant, and resistant to high and low temperatures.
- Support small batch rapid customization, personalized customization of a variety of patterns, shapes, colors, and models.
- The lights are uniform and soft, can be used in the neighbor for a long time.

Application Scene

It can be widely used in landscape pools, parks, residential areas, theme restaurants, cultural tourist attractions, etc.



The shape and color of the lampshade can be customized

Model	Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method
OUGE-ZT-A01			AC220V	9W	W	ON/OFF
OUGE-ZT-B01			AC220V	9W	W	ON/OFF
OUGE-ZT-B01-2			AC220V	9W	W	ON/OFF
OUGE-ZT-B02			AC220V	9W	W	ON/OFF
OUGE-ZT-B03			AC220V	9W	W	ON/OFF
OUGE-ZT-B04			AC220V	9W	W	ON/OFF
OUGE-ZT-C01			AC220V	9W	W	ON/OFF



3D Printed Creative Outdoor Light

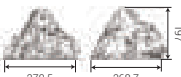
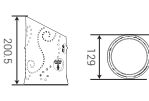
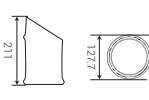
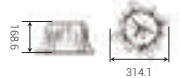
Main Performance

- It is printed using MMLA 3D printing polymer alloy consumables that are flame retardant, UV-resistant, salt spray-resistant, and resistant to high and low temperatures.
- It can be used for a long time in harsh environments such as indoors, outdoors, underground, underwater (sea water),etc.
- It can be customized in all kinds of animals, plants, signal, Light stone, Light sculpture and personalized lighting products, according to the demand of designer.

Application Scene

It can be widely used in landscape lighting of indoor and outdoor places such as park and backyards, pool landscapes, green infrastructure, Cultural and tourist attractions, theme parks, restaurants, hotels, and Villa.

The shape and color of the lampshade can be customized

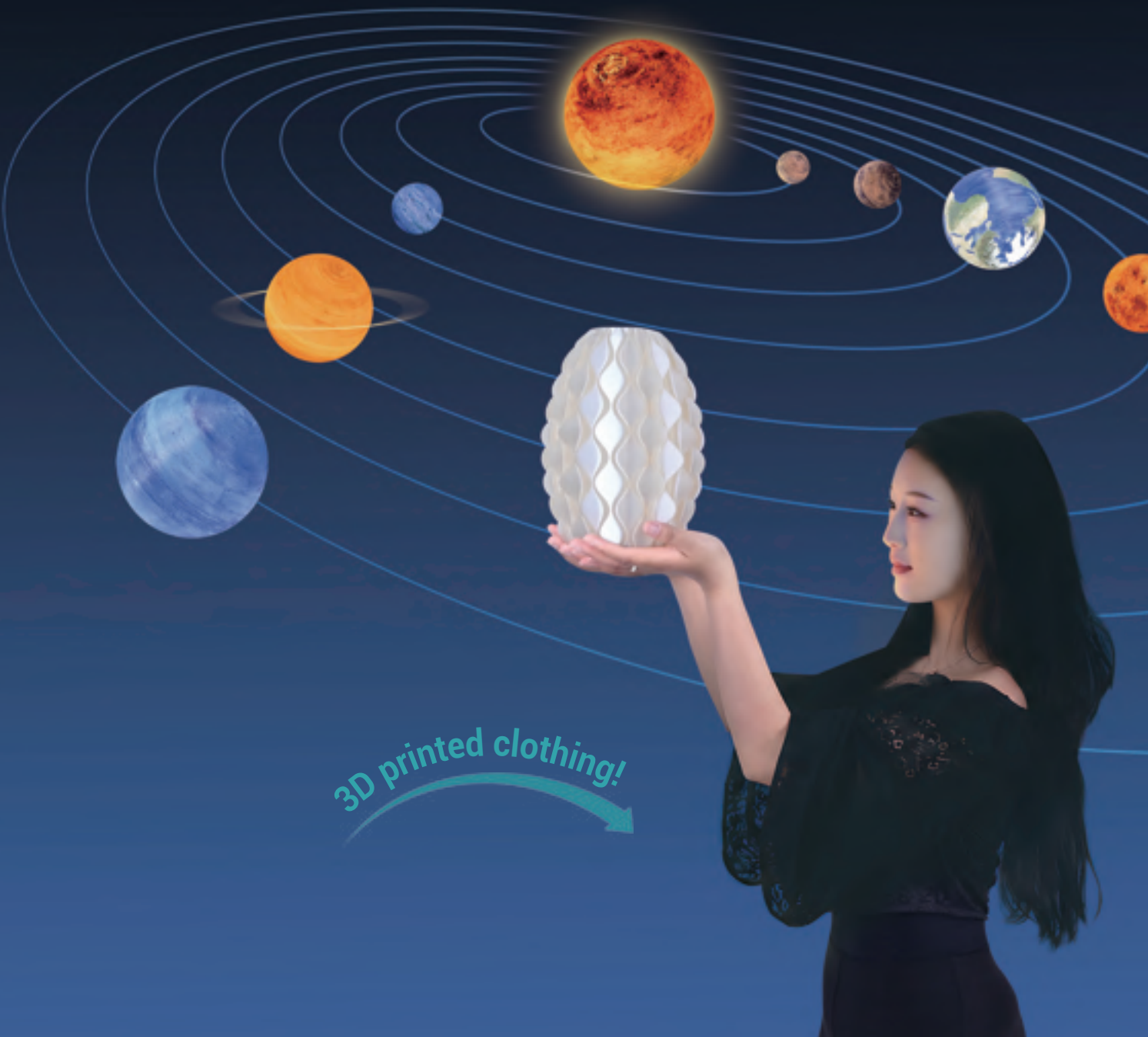
Model	Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method
OUGE-CG-A02			DC24V	3W	RGB	DMX512
OUGE-CG-A06			DC24V+DC24V	3W+6W	RGB	DMX512
OUGE-CG-A07			DC24V+DC48V	3W+12W	RGB	DMX512
OUGE-CG-A10			DC24V+DC48V	3W+18W	RGB	DMX512
OUGE-CG-B02			DC24V	1.5W	W	ON/OFF
OUGE-CG-B04			DC12V	2W	RGB	DMX512
OUGE-CG-C01			DC12V	6W	W	ON/OFF
OUGE-CG-C02			DC12V	9W	W	ON/OFF
OUGE-CG-C03			DC12V	18W	W	ON/OFF
OUGE-CG-F02			DC24V	2W	W	ON/OFF



3D PRINTING

Can not only print lamps,
but also print everything in the universe!

A large amount of model materials
can be downloaded
www.zxl-3d.com



3D Printed Creative Light

Control Method: ON/OFF、SPI LED Color: Singles Color、 RGB

The Theme of Nature



The Theme of Christmas



The Theme of Food



The Theme of Classical Style



The Theme of Romance



The Theme of Digital Technology



The Theme of Emoticon



Main Performance

- Printing by MMLA 3D printing polymer alloy consumables which is capable of Outdoor longtime using.
- Be capable of Anti-UV, Flame resistant V-0 and High and low temperature resistance.
- Combining large model AI generation technology with AR and VR technology, themes, patterns, and shapes can be customized without repetition.
- The outdoor service life of this series is 5-10 years.

Application Scene

It can be widely used in Theme decorated Lighting such as Indoor decoration Lighting,shade tree Lighting , festival Lighting, and the place like Cultural and tourist attractions, theme parks, restaurants, hotels, and Villa, etc.

3D Printed Creative Light Sculpture

Product Name:	Peacock Spreads Its Tail
Control Method:	SPI
LED Color:	RGB
Voltage:	AC220V(Light source DC24V、DC5V)
Power:	710W、950W
Size:	430x82xH250(cm) 600x110xH330(cm)



Product Name:	Every Year there is Surplus Wealth and Food
Control Method:	SPI
LED Color:	RGB
Voltage:	AC220V(Light source DC12V)
Power :	450W
Size:	360x190xH150(cm)



Product Name:	Dragon Dance
Control Method:	SPI
LED Color:	RGB
Voltage:	DC12V
Power :	1540W
Size:	660x430xH309 (cm)



Product Name:	Fish Leaps Over Dragon Gate
Control Method:	SPI
LED Color:	RGB
Voltage:	AC220V(Light source DC12V)
Power:	450W
Size:	450x150xH260 (cm)



Product Name:	Phoenix Birds in a Divine
Control Method:	SPI
LED Color:	RGB
Voltage:	DC12V
Power:	200W
Size:	163x130xH277(cm)



Product Name:	Romantic Concentric Chair
Control Method:	SPI
LED Color:	RGB
Voltage:	DC24V
Power:	2050W
Size:	150x83xH230 (cm)



INTELLIGENT CONTROL SYSTEM



Intelligent city management cloud platform

- Intelligent lighting
- Intelligent Strong Power
- Intelligent Security
- Intelligent Pole
- Intelligent AI interaction
- Smart Cultural Tourism



Intelligent Interactive Control System

- Smart Running Trails Interactive Lighting Control System
- Shake and Voice Interactive Control System
- Smart Interactive Lighting Control System by Mobile
- Golf Interactive Lighting Control System
- Infrared Interactive Control System
- Voice Interactive Control System
- Ferris Wheel Rotating Control System
- Environmental Interactive Control System
- Bicycle Interactive Control System
- Somatosensory Interactive Control System



Lighting Control System

- Master Slave Integrated Control System
- Offline Control System
- Online Control System
- Satellite Synchronization Control System
- IoT Remote Program Switching System
- Mobile Remote Control System



Classic Intelligent Control System

- Single Control System
- Offline Control System
- Online Control System
- Intelligent Light Pole and Street Light Control

INTELLIGENT CITY MANAGEMENT CLOUD PLATFORM



Introduction of Control System

The intelligent lighting management cloud platform V5.0 independently developed by YD Illumination is based on the Internet of Things technology, with the control center as the core and the intelligent controller as the focus, integrating wireless communication technology, computer control technology, edge computing technology, geographic A city-level smart management cloud platform for information system technology. It can realize functions such as smart lighting, smart power, smart security, smart light poles, and AI interaction.

The platform integrates the needs of urban lighting project managers and municipal managers, and can effectively realize the circulation and integration of lighting system information, visualize urban lighting construction, and make operation and management more efficient. At the same time, managers can conduct intelligent monitoring and analysis through the digital large screen to help managers solve a series of problems in lighting management and operation and maintenance in lighting projects. The platform also supports access to the city brain supervision center to jointly build a new ecology of smart cities!

System Function/Features

Data Control Cabin:The priority of intelligent lighting. As the core of intelligent lighting's command and control, it displays its core data in dynamic and visualized way by GIS map, 3D model, figure, supervisory control and provides direct reference for manager's policy making.

Intelligent Lighting: It can achieves centralized accurate control for podium building lighting, sound device and preset various lighting modes. By combination with artificial intelligent calculation, it can achieve lighting synchronized control.

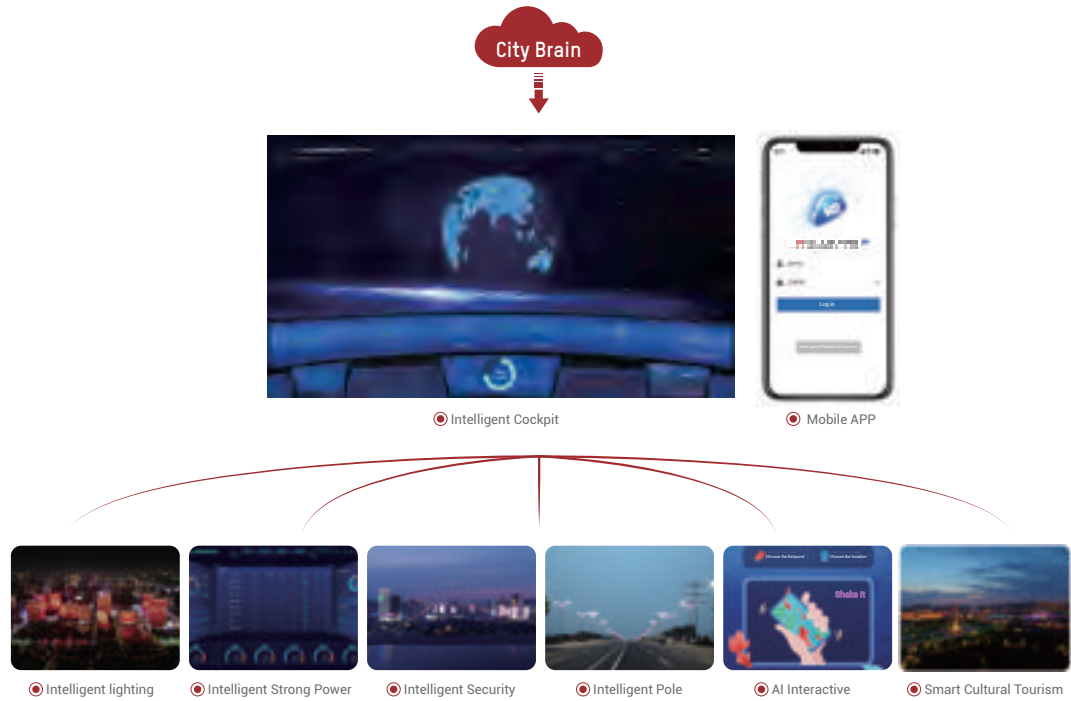
Intelligent Strong Power: It has functions like landscape lighting's control, collection of operating data, fault diagnosis and etc. It can help power consumption monitoring at real time and accurate statistics of different nodes in lighting show and thus providing scientific data foundation and strong decision support energy saving and self improving in lighting show.

Intelligent Security: It can remotely connect cameras, build a visual scheduling system, monitor lighting scenes in real time, assist scientific and accurate decision-making, improve problem discovery efficiency, and improve operation and maintenance efficiency.

Smart Light Pole: With the smart light pole as the core, multiple subsystems are constructed, including intelligent lighting application system, environmental monitoring system, multimedia information release system, WIFI coverage system, one-key recourse system, charging pile management system, video monitoring system, etc.

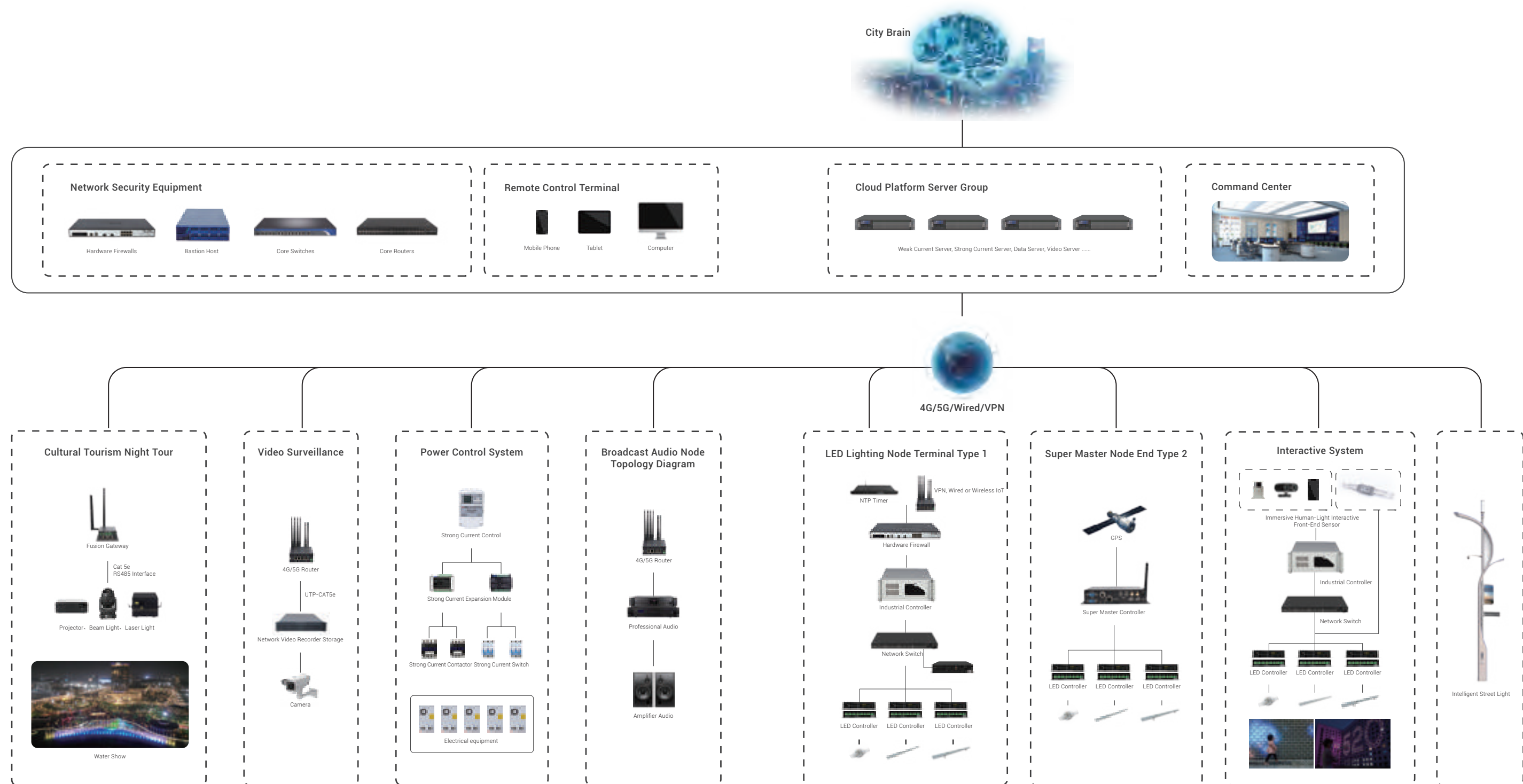
AI Interaction: Based on the Internet of Things, it can realize the control of all kinds of light interaction, it could upload the required interactive materials with one click, switch intelligent scenes, and could conduct interactive data analysis based on big data, etc., supporting the seamless connection between intelligent scene interaction and lighting interpretation.

Shematic Diagram



SMART CITY MANAGEMENT CLOUD PLATFORM SYSTEM SOLUTION

- Light Linkage • Human-Light • Interaction • One-Touch Dimming
- Energy Consumption • Monitoring • Security Monitoring • Switch Control • Mobile Phone Control



INTERACTIVE CONTROL SYSTEM

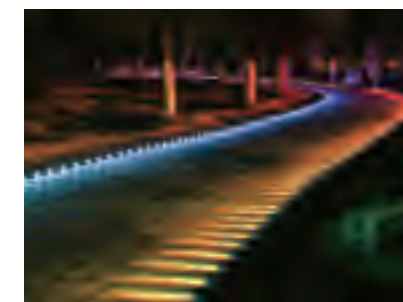
SMART LIGHTING RUNWAY INTERACTIVE CONTROL SYSTEM

The intelligent running trails lighting with interactive control system is based on ultra-efficient sensing technology and mobile Internet technology. It is a lighting control system used in sports venues such as running trails. Running light can track human movement in real time, support single and multiple people to participate in running interaction at the same time, with a strong sense of competition and participation. The system has a strong social nature and supports participants to share their running results to the circle of friends with one click, and also supports viewing historical running data, running rankings, etc. The management can view relevant data such as the number of participants, and conduct intelligent analysis and management of big data.

System Feature

- Interaction between people and light at real time
- Checking running data at real time
- Strong competitiveness and sociability

Application Scenario

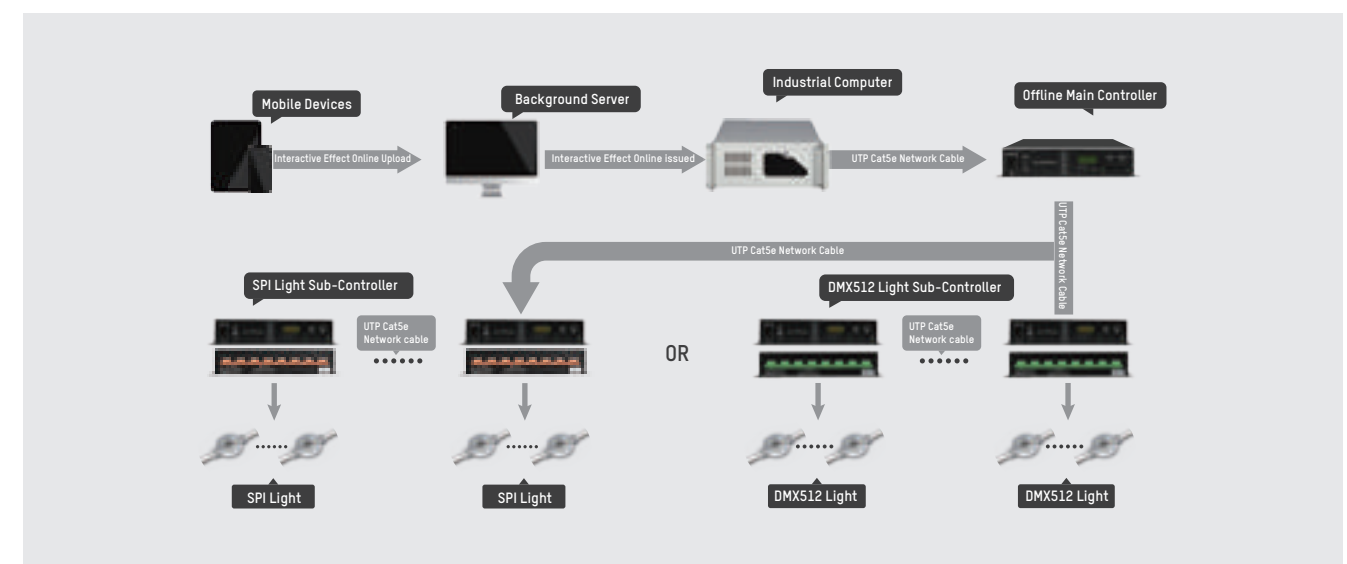


Pavements in the Park



Pavements in the City

System Framework



SHAKE AND VOICE INTERACTIVE CONTROL SYSTEM

Participater can voice control lighting via mobile phone, interacting with lighting by wechat shaking program, this application system is suitable for landscape pools, rivers, lighting sculptures etc.

System Feature

- Easy way to participate
- Easy to implement and low cost
- Strong project compatibility

Application Scenario



Landscape Pool



Lighting Sculpture

SMART INTERACTIVE LIGHTING CONTROL SYSTEM BY MOBLIE

The mobile phone intelligent interactive lighting control system is based on mobile Internet technology, which realizes the real-time interaction between people and lights. Participants only need to enter the system through their mobile phones, and the on-site lighting effects will change in real time according to their operations on the mobile phones. For example, participants can choose their favorite lighting effects, and also support real-time DIY painting or sending blessings. The system supports multiple people to participate at the same time, increases the fun of interaction and supports customized services, and the interaction effect can be planned based on the theme of the scene.

System Feature

- Mobile phone scan code to participate in interactive customizable charging system
- Strong project compatibility
- Easy to implement and low cost
- Strong sense of experience, multi-person interaction
- Can be used in combination with intelligent lighting management cloud platform

Application Scenario

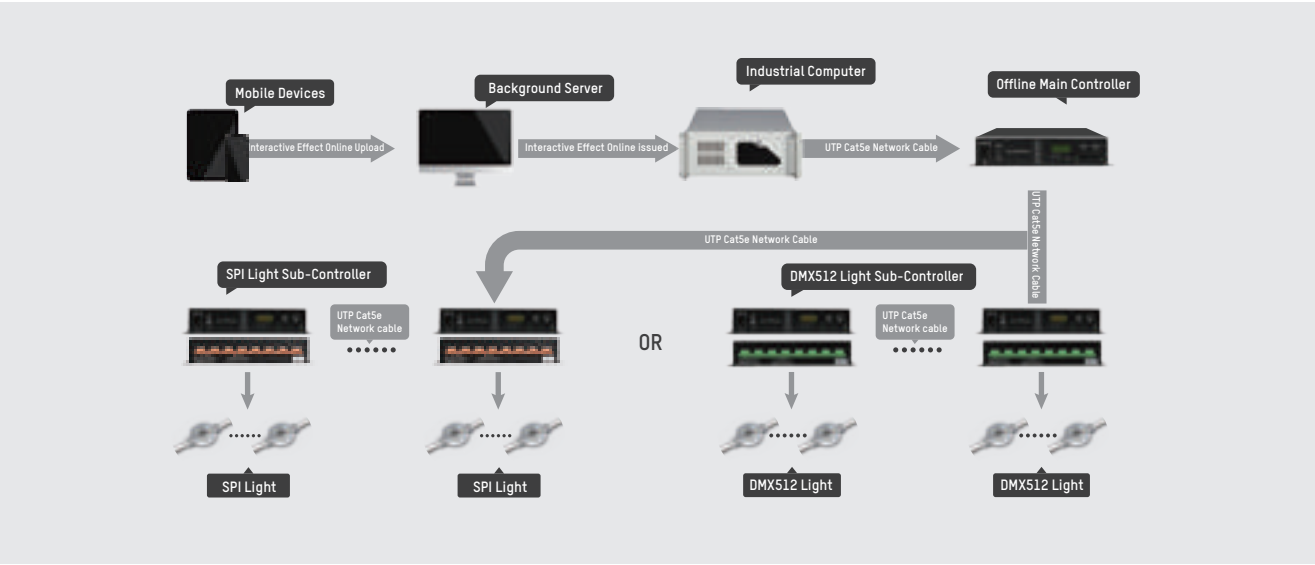


Cultural and Creative Park

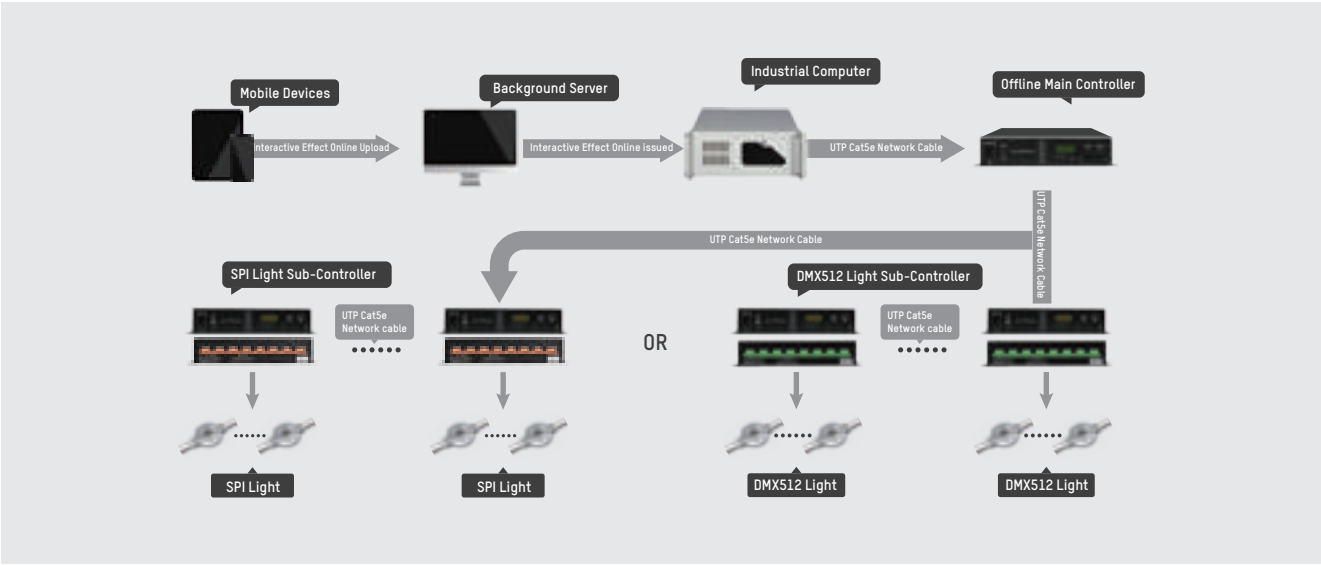


Outdoor Media Wall

System Framework



System Framework



GOLF INTERACTIVE CONTROL SYSTEM

The lighting control system can realize the interaction between light, golf ball and people. When the golf ball falls into a green, the green will be intelligently sensed and the preset lighting effect will be displayed. The greens in the course can display unique lighting effects individually, or multiple greens can be linked with each other, allowing customers to experience the fun of interactive lighting while playing and entertaining. The lighting control system can be widely used in various similar in the interactive scenes.

System Feature

- Support mobile phone real-time editing animation
- Animation lighting effects can be combined optionally
- Convenient operation and maintenance
- Support sound and photoelectric integrated linkage

Application Scenario



Golf Course



Court

INFRARED INTERACTIVE CONTROL SYSTEM

The interactive modes of the mobile interactive control system can be divided into three categories: handwriting, background animation changes and animation selection and distribution, support for the customization of official accounts or web interactive modes; interactive effects and interactive animations support customization.

System Feature

- Low cost, high cost performance
- High sensitivity
- Easy to install

Application Scenario

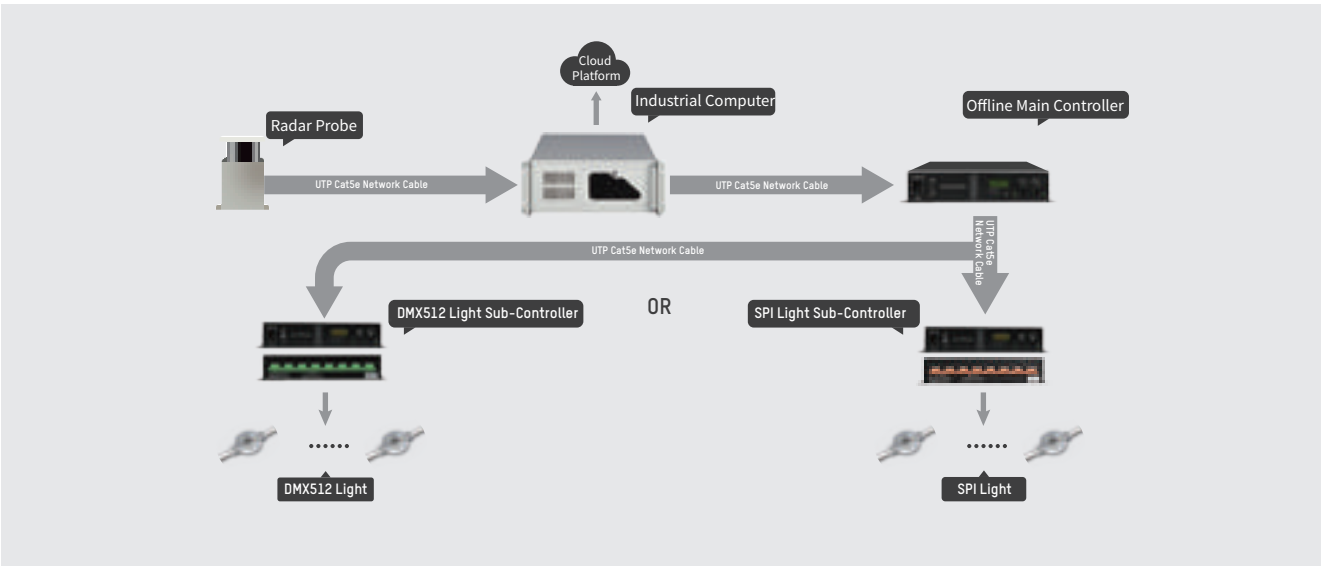


The Pedestrian Stairs

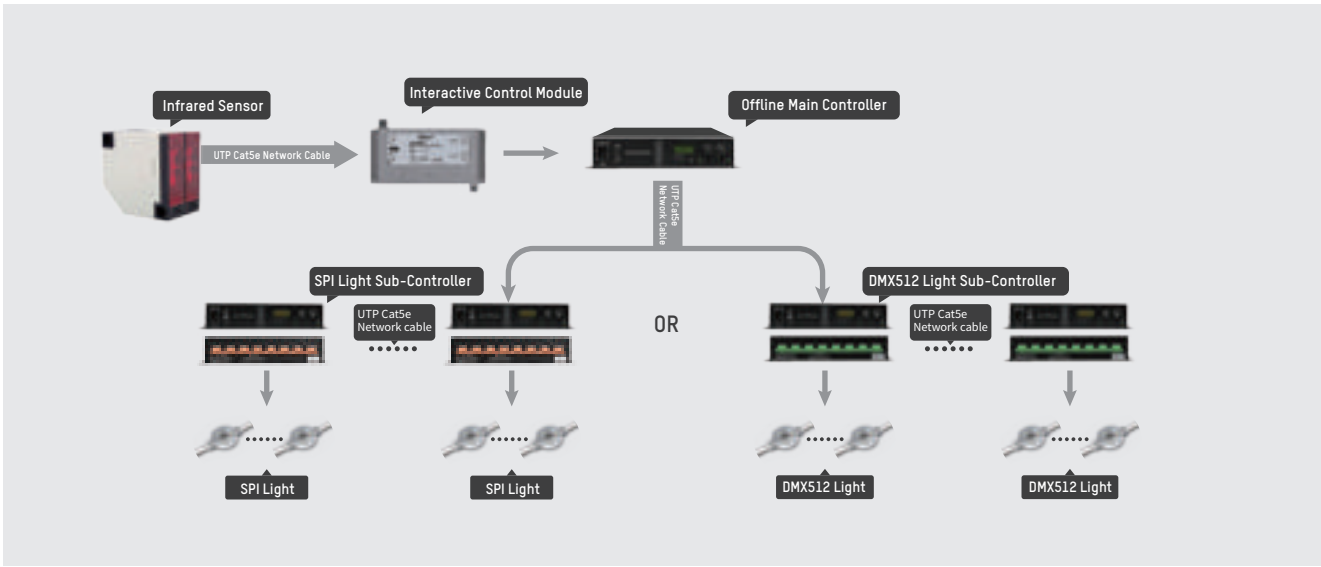


Lighting Sculpture

System Framework



System Framework



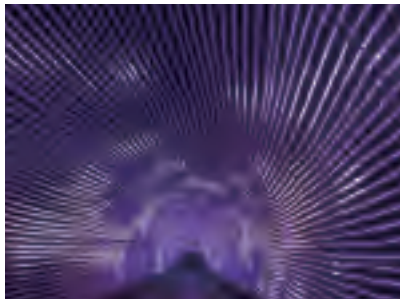
VOICE INTERACTIVE CONTROL SYSTEM

The use of the sound interactive control system can produce corresponding stave changes according to the changes in the sound, which can be played in the lamps in real time; and can realize animations with different effects according to the changes in the sound size, and the animation can be customized.

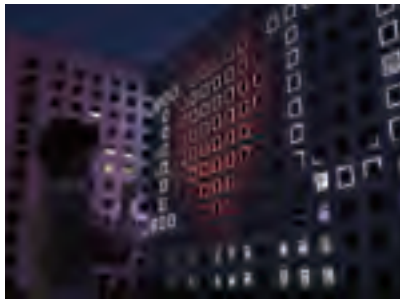
System Feature

- Collect sound decibels to achieve different animation effects
- Animation effects can be customized
- The animation effect changes in real time according to the sound

Application Scenario

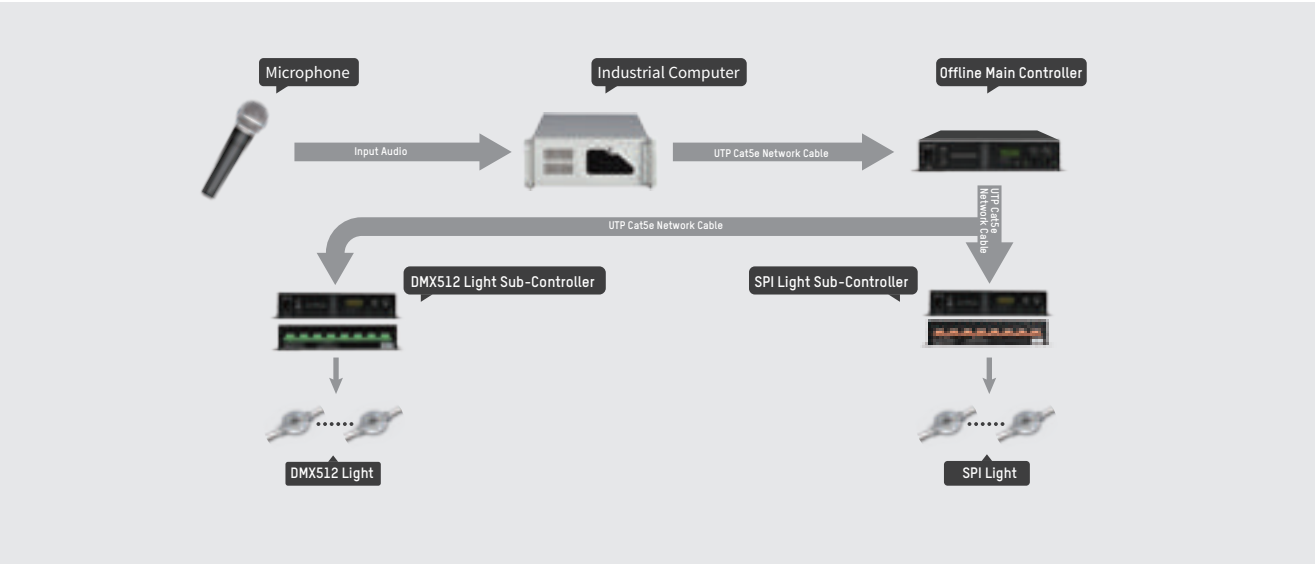


Scenic Tunnel



Lighting Show

System Framework



FERRIS WHEEL INTERACTIVE CONTROL SYSTEM

The Ferris wheel control system needs to be used in conjunction with an industrial computer, with a maximum load of 120,000 points; it uses Ethernet interface and UDP network protocol to connect with the lower-level controller, and the effect can be achieved during the rotation of the Ferris wheel. The animation remains unchanged, and the animation effect can also be customized.

System Feature

- The Ferris wheel rotates, and the animation is adaptively displayed
- Low cost, high cost performance
- Trong sense of vision

Application Scenario

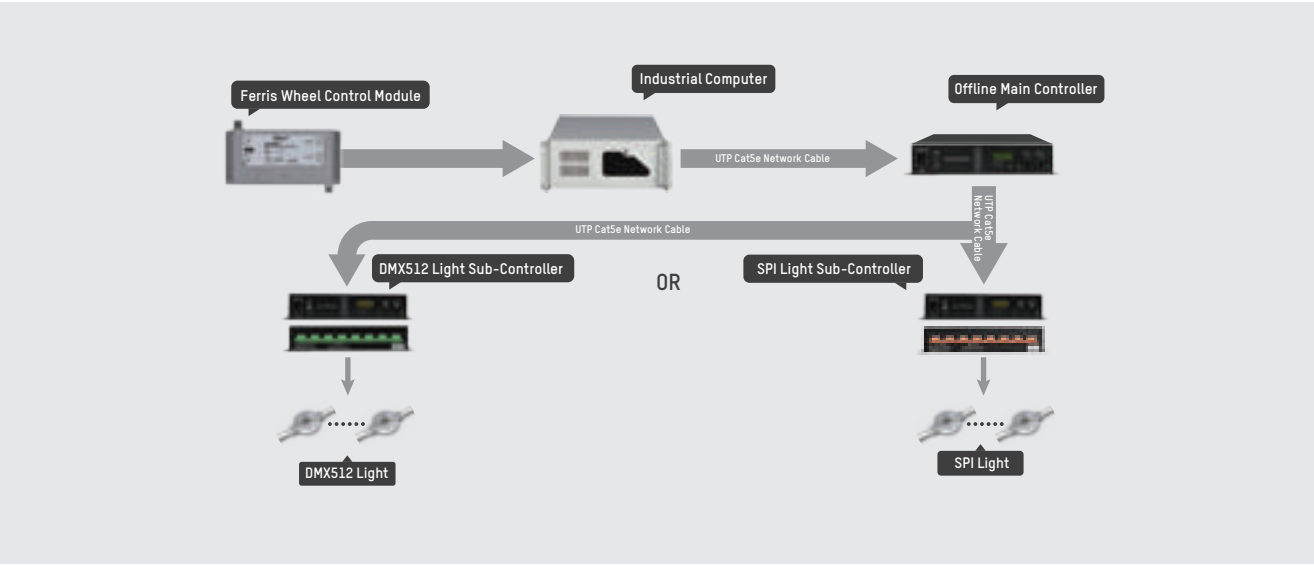


Ferri Wheel



Ferri Wheel

System Framework



ENVIRONMENTAL INTERACTIVE CONTROL SYSTEM

The interactive control system can be combined with the Internet control system to collect real-time environmental factors, such as wind speed, temperature, Pm2.5, etc., analyze it through the intelligent algorithm developed by YD Corporation, and upload the data to the cloud to realize real-time monitoring of the environment; You can also control the content of light animation in real time according to the analysis results.

System Feature

- Real-time detection of monitoring data
- Real-time interaction between environment and lighting effects

Application Scenario

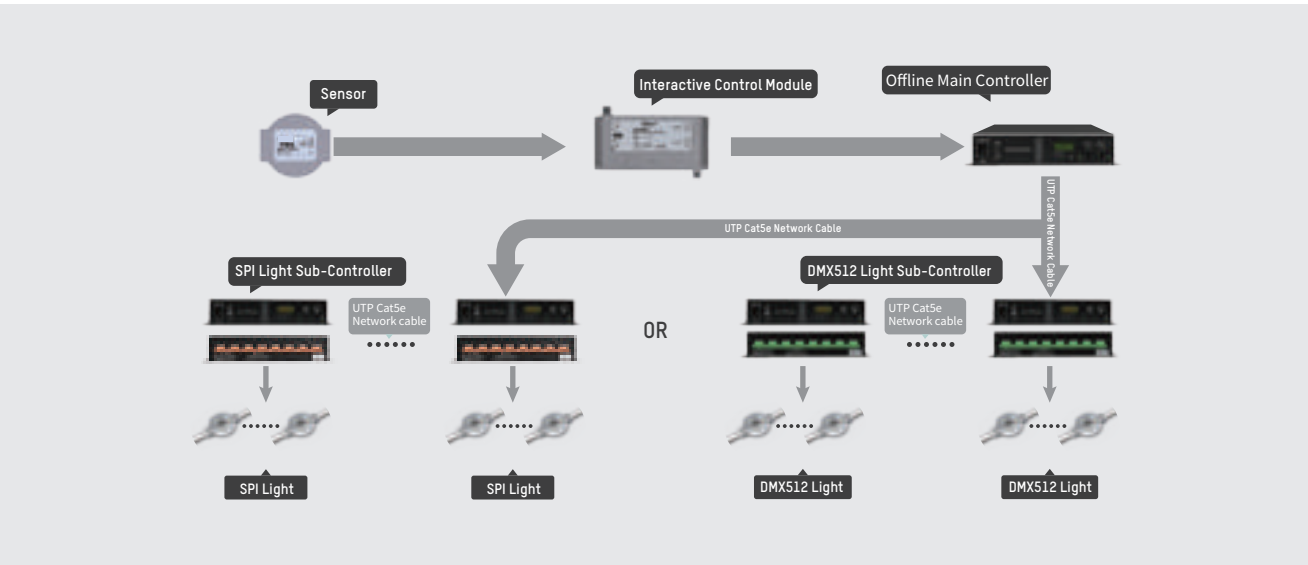


Wall Thermometer Display



Building Screen

System Framework



BICYCLE INTERACTIVE CONTROL SYSTEM

The system controls lighting effects through bicycles and supports multiple interactive modes (group competition, single-player competition, cooperative mode, etc).

System Feature

- Strong sense of action experience
- Strong sense of entertainment competition

Application Scenario

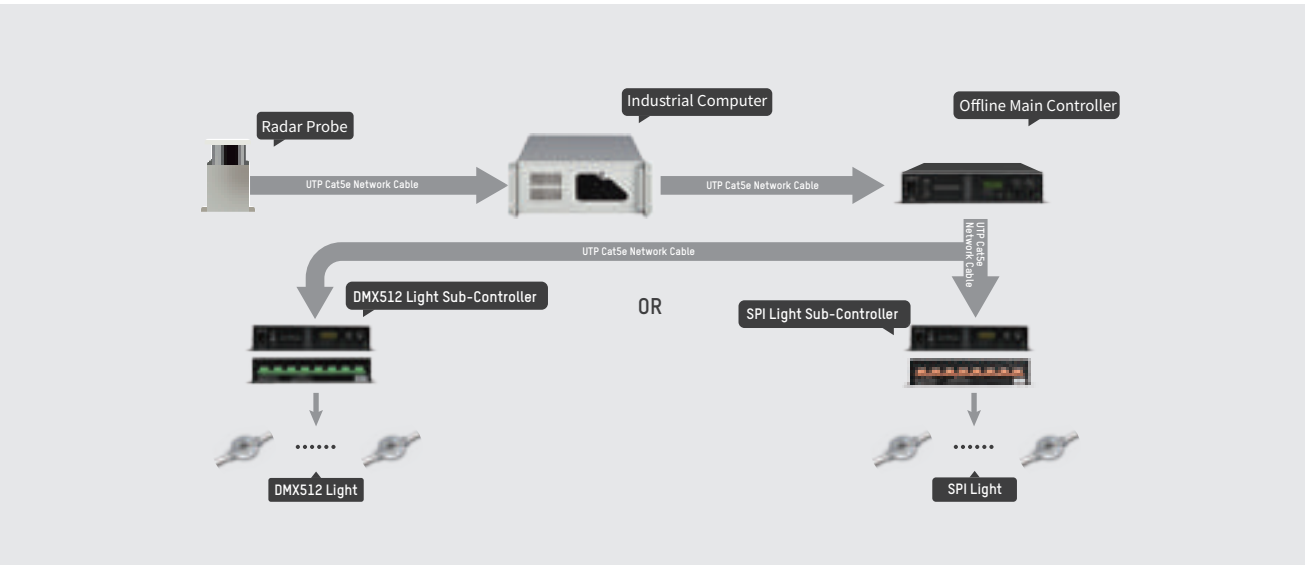


Park



Intelligent Control Large Screen

System Framework



SOMATOSENSORY INTERACTIVE CONTROL SYSTEM

Somatosensory Interaction can be not only used for ground screen,but also facade screen. When people move in the area of sensor, specific animation will be shown on the screen. The animation can be customized. The interaction can be participated by many people, and they will have good interactive experience.

System Feature

- Excellent real-time and tracing performance
- The lighting effect can be changed in real time as people's body movements

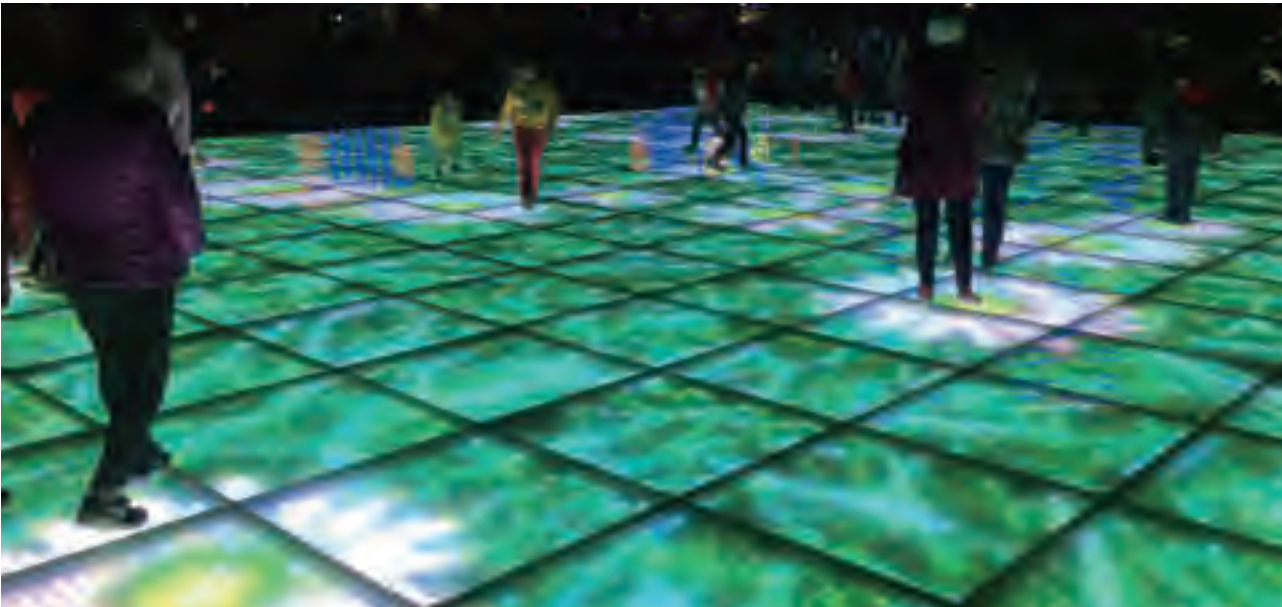
Application Scenario



Building Facade

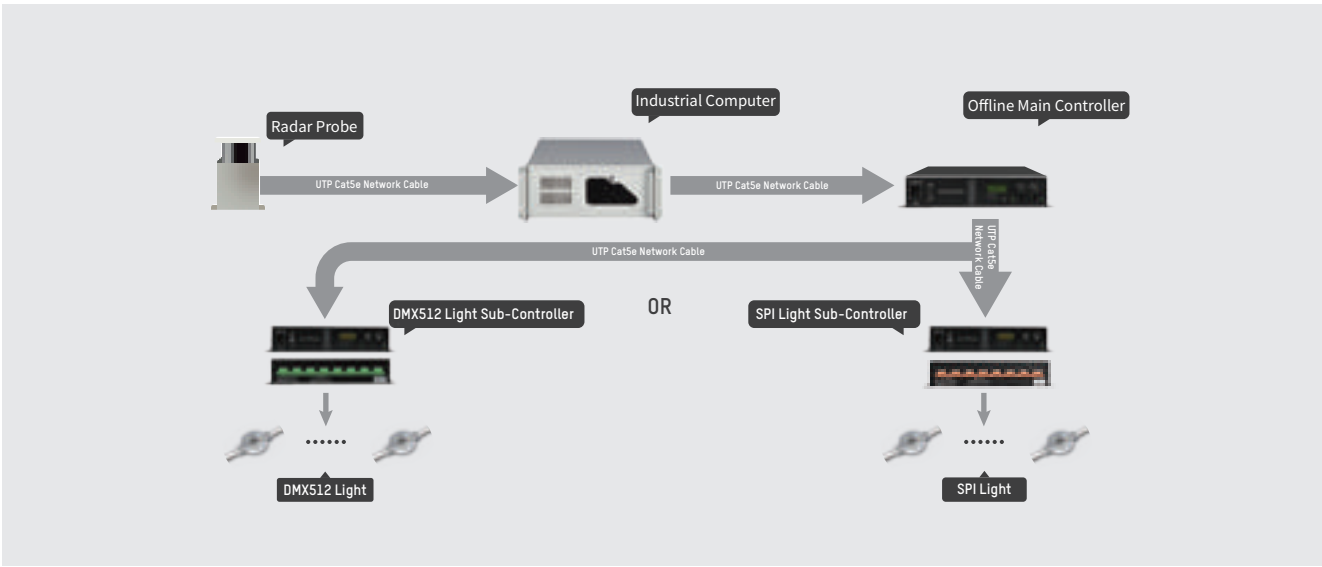


LED Display



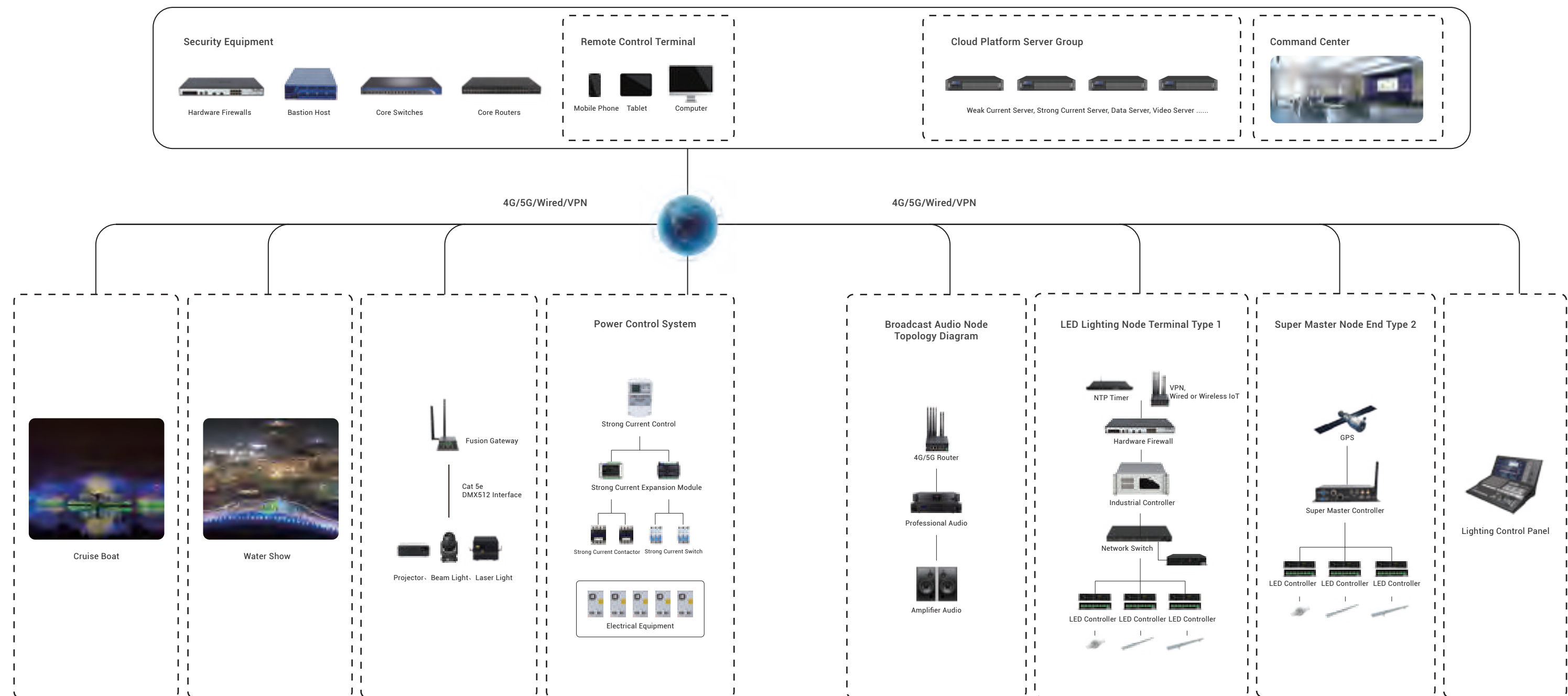
Undergroud Led Screen Interactive Control System

System Framework



Interactive Glass Wall

CULTURAL TOURISM NIGHT TOUR CONTROL SYSTEM SOLUTION



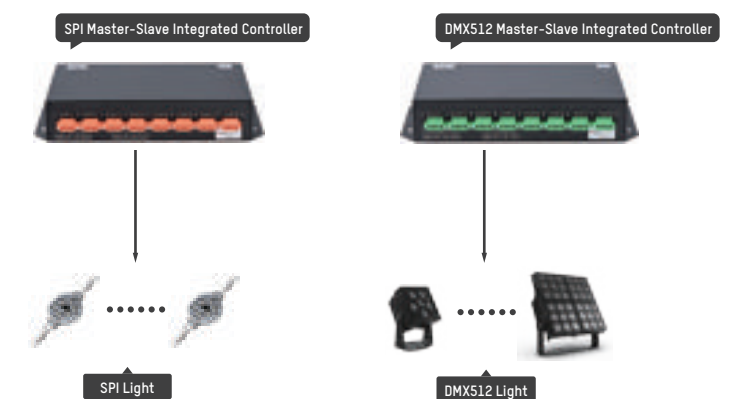
LIGHTING CONTROL SYSTEM

MASTER-SLAVE INTEGRATED CONTROL SYSTEM /

Master slave integrated control system uses a master-slave integrated controller to control the lighting fixtures, which can achieve functions such as playback segment selection, luminance level adjustment, speed adjustment, and built-in animation testing program. It is suitable for small projects.

System Feature

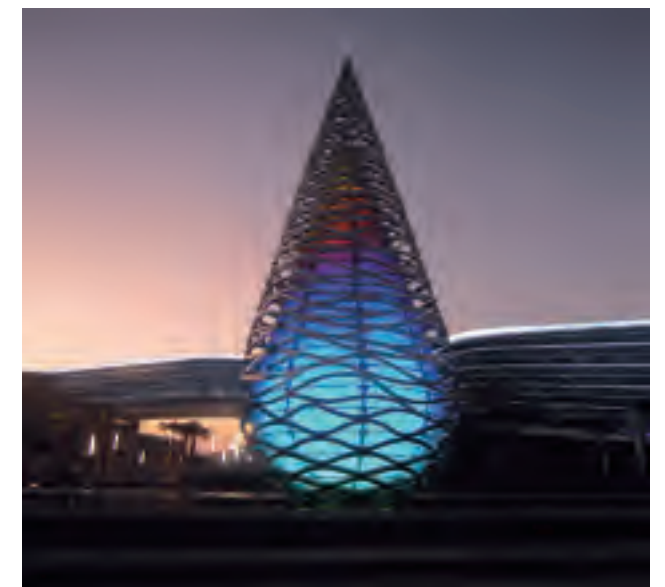
- Suitable for small projects
- Master slave integrated controller, easy to use
- SPI Master and Slave integrated controller can load 8192 pixels
- DMX512 Master and Slave integrates controller can load 6144 pixels



Application Scenario



Christmas Tree, Sydney Australia



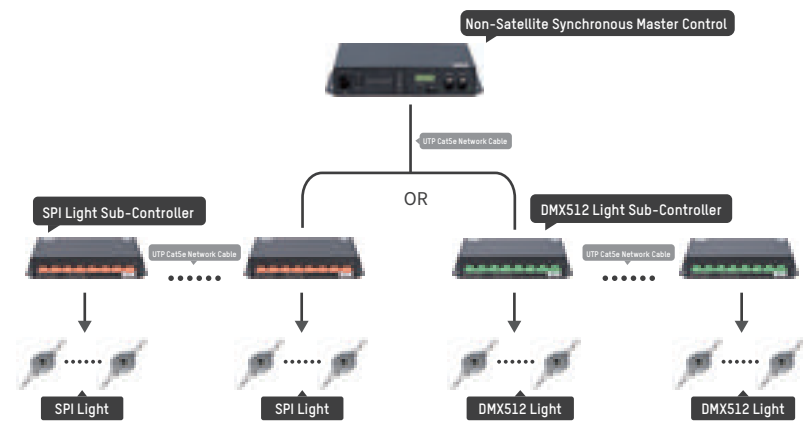
Pearl of the Sea Light Sculpture in Zhuhai, China

OFFLINE CONTROL SYSTEM /

Conventional offline master controller,can be connected to SPI or DMX512 lighting slave controller through RJ45 network port; combined with an infrared remote control, it can achieve playback segment selection, luminance level adjustment, speed adjustment, retrieval of testing programs, etc; You can modify the internal time of the control system through the remote control and play offline program files with scheduled playback. Support overall address writing for DMX512 lighting fixtures.

System Feature

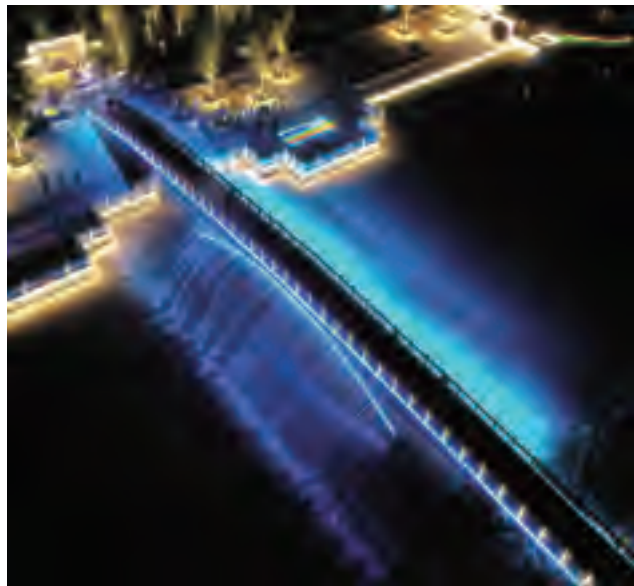
- The loading capacity 120000 pixels
- Real time control SPI and DMX512 lighting fixtures
- Can achieve playback segment selection and luminance adjustment
- Built in animation testing program function



Application Scenario



Hilton Hotel- Uzbekistan



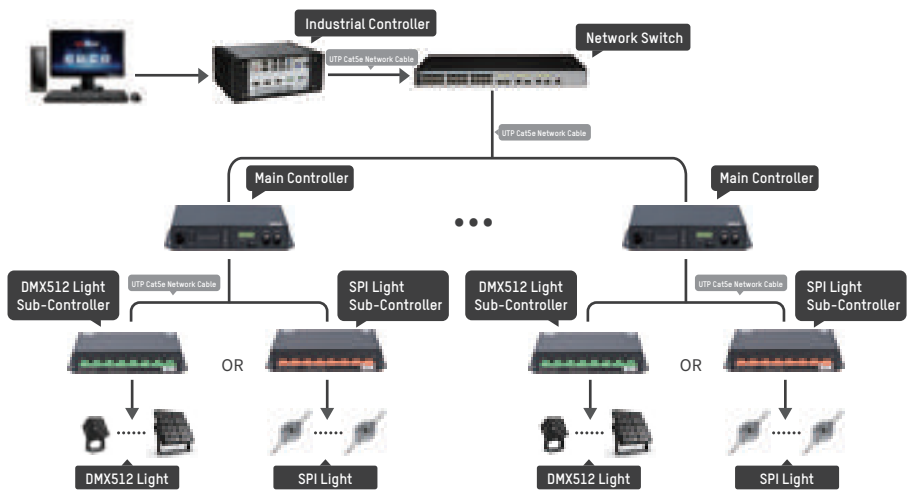
Jiaxing Port Area Ring River Night Lighting

ONLINE CONTROL SYSTEM /

Conventional online control systems generally use industrial computers as the host, which have superior performance, stronger stability, and support millions of pixels. Animation can be preset according to different time nodes, seasons, cycles, and other methods.

System Feature

- Change animation at any time
- Real time playback, multiple playback scenarios can be set
- Multiple nodes play synchronously
- High stability



Application Scenario



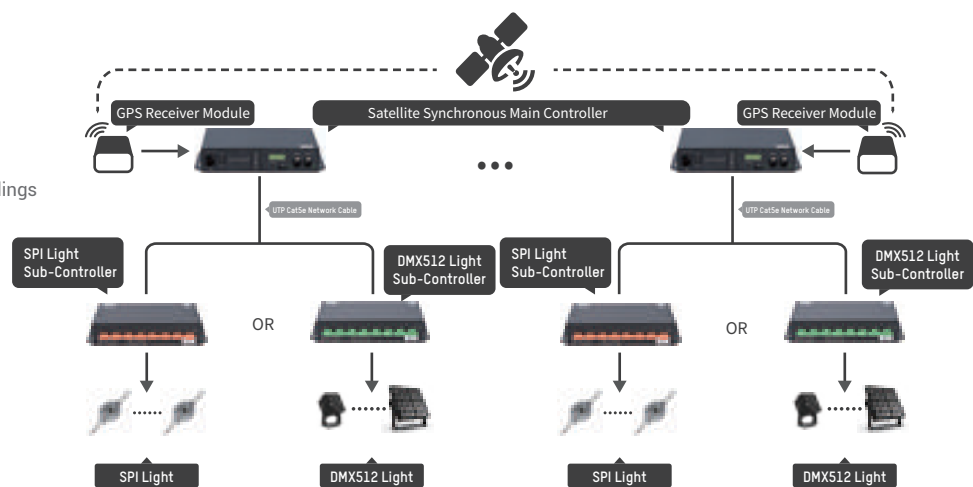
Building linkage in the urban lake area of Qiandao Lake

GPS SYNCHRONIZATION CONTROL SYSTEM /

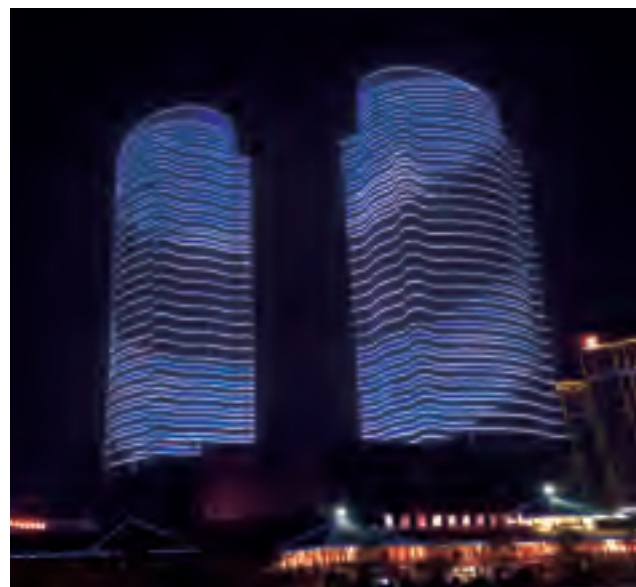
Satellite synchronization control system, the Master controller can achieve synchronization of multiple buildings by receiving satellite signals in offline state; it is suitable for simple screen synchronization between several buildings, and there is no wiring connection needed between two buildings; the control system equipment is simple, the control cost is low, and the system is stable, not affected by the site, and the distance is not limited.

System Feature

- Realize synchronization of multiple buildings
- Easy to change animation
- Low control cost



Application Scenario



Guizhou Huishui County Waterfront



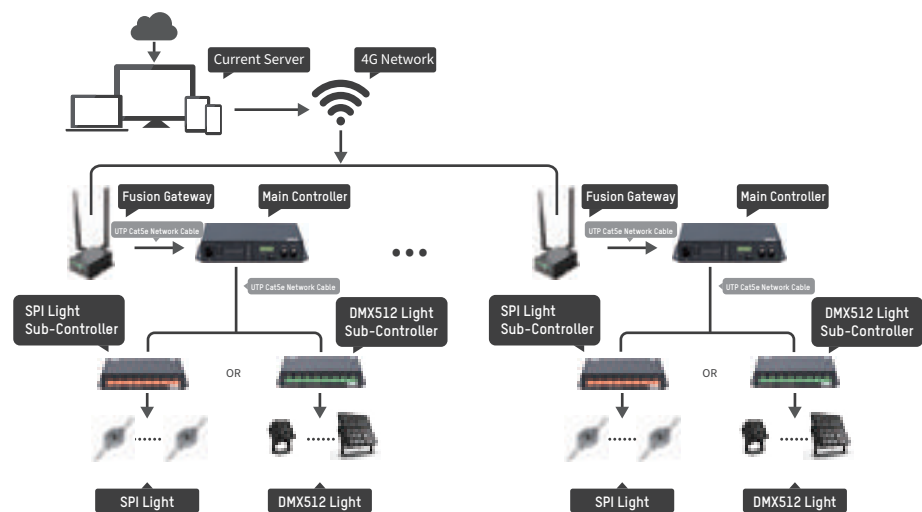
International Twin Towers Yancheng Financial City

IOT (INTERNET OF THINGS) REMOTE CONTROL SYSTEM /

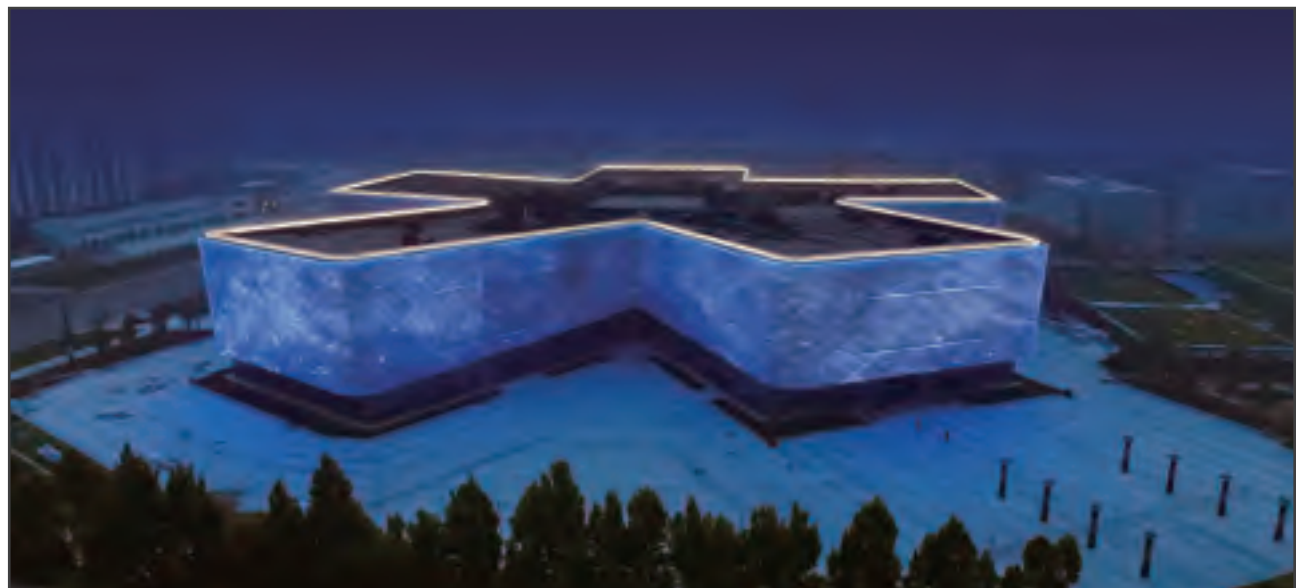
The IoT(Internet of Things) control system is based on the IoT architecture and can help traditional controllers realize remote control functions. For example, the IoT can realize the one-click switching function of animation effects in offline mode, and various animation playback strategies can be formulated.

System Feature

- Apply 4G and 5G network technology to issue instructions
- Retrieve the animation stored in the master control and link it in real time
- Playback strategy management



Application Scenario



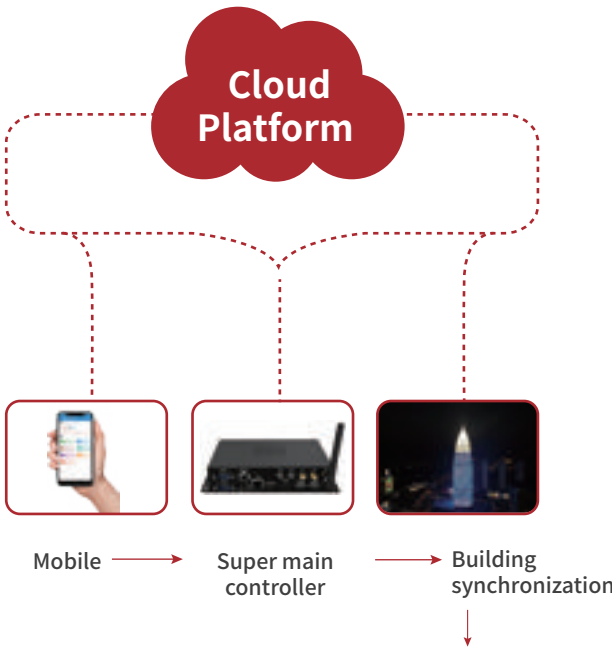
Jining Yutai Civic Center Lighting

MOBILE PHONE REMOTE CONTROL SYSTEM /

Through the super master controller, remote control can be achieved with a mobile phone, reducing costs, saving time, and being fast and convenient. For professional network operation and maintenance personnel, real-time management, system viewing and fault diagnosis, remote management information alarm reminders, etc. can be achieved; for normal operations, remote control can be performed remotely, and it is very convenient to edit and upload programs in real time.

System Advantages and Features

- Apply 4G and 5G network technology to issue instructions
- Use super master controller to operate remotely through mobile phones and achieve real-time synchronization
- Mobile phones can be used for remote debugging, updating animations, and program control



JIAXING HAINING AVENUE

Use YD Smart Lighting Management Cloud Platform,
Million-level lighting project

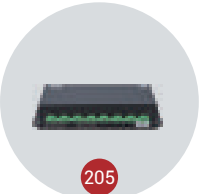


Scan and watch
the video

LED CONTROLLER



Main Controller Series



Sub-Controller Series



Master-Sub Controller Series



Mini Master-Sub Controller Series



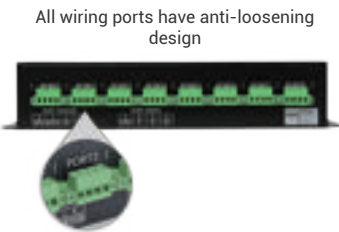
Super Main Controller Series



Ling Long Series

Product Features

YD independently developed LED controllers, achieving significant innovations in both hardware and software design. On the hardware level, the lightning protection and surge resistance capabilities are enhanced for outdoor environments, with surge (impact) immunity of 6KV, ensuring stable operation of the controller under severe weather conditions; the structural design is optimized, and the anti-loosening design of ports and network ports is added, effectively reducing the risk of disconnection. On the software level, it is used in conjunction with YD's independently developed lighting control software to provide intuitive and concise interactive logic, broadening the actual application scenarios and scope.



*XLR anti-loose plug is not standard configuration

SATELLITE SYNCHRONOUS MAIN CONTROLLER

LED Controller YD-LC-ZK01



Front Side



Back Side

Product Features

- YD-LC-ZK01 supports a maximum load capacity of 500,000 channels.
- YD-LC-ZK01 supports Beidou + GPS satellite timing synchronous playback function;
- Supports animation linkage and synchronous playback between buildings, with the synchronization playback error not exceeding 1 frame.
- YD-LC-ZK01 supports SD card offline synchronized playback.
- YD-LC-ZK01 supports PC online playback.
- Support the mixed use of different types of lamps and lamps with different protocols.
- Supports timing, manual, and holiday preset scene animation playback.
- Support multi-channel independent brightness control and precise adjustment of white balance.
- Supports multi-channel independently adjustable Gamma correction algorithm, supports customizing any Gamma correction value, precise control, more adapted to human vision, and more accurate display color.
- Support single color, dual color, RGB, RGBW, RGBWY and other multi-color mixing control.
- Supports standard 25-frame animation playback and up to 120-frame rate.
- Standard Ethernet interface and TCP/IP protocol, CAT5E cable maximum transmission distance of 100 meters.
- Supports CAT5E and above cables and fiber optic long-distance transmission requirements.
- The front power interface, power switch, LCD, network port, and button layout design are more conducive to construction, installation and on-site debugging.
- The RJ45 network port has anti-loosening and anti-dropping functions, which can solve the problem of easy disconnection of wiring caused by high-frequency vibration, accidental touch and other reasons, ensuring the long-term reliable and stable operation of the project.
- Dual RJ45 Ethernet ports, supports mixed cascading between controllers, such as DMX512 controller and SPI serial controller cascading, with no limit on the number of cascades.
- Supports daisy chain, star topology, tree structure, and other network topologies.
- Compatible with various switch networking schemes to improve system operational stability.
- Built-in physical buttons, supports key operation, and debugging is quick and convenient, Such as rate selection, luminance adjustment and other functions.
- Supports infrared remote control function, equipped with 21 -key infrared remote control.
- Support dual-channel hot backup.
- Supports program segment selection, brightness adjustment, white balance adjustment, playback speed adjustment, etc.
- Full English dot matrix display screen supports real-time display of controller operating status.
- The device's RJ45 network port and SD card interface are both designed with high reliability and high resistance to electromagnetic interference.
- Device RJ45 Ethernet port SURGE lightning surge impact resistance level: 3KV between lines, 6KV between line and ground.
- quipment RJ45 network port EFT electrical fast transient pulse group immunity level 6KV.
- Buttons, RJ45 Ethernet ports, SD card interfaces, power interfaces, housing etc., ESD electrostatic discharge immunity level: ±15KV air discharge, ±8KV contact discharge.

Applications

- Used for indoor and outdoor landscape lighting, such as buildings, bridges, parks, cultural and tourism, etc.
- Used to control LED mesh screen on the building.
- Used to control media facade, transparent screen.
- Control the lamps in the logo or signs.
- Used for other landscape lighting and dynamic lighting control applications.

System Topology

For example: the online playback synchronization system topology diagram, this system topology can realize functions such as online playback and synchronous playback.



Parameter

Size	315x165x60mm Bare machine only, include network port and ports
Network port rate	10/100/1000Mbpsadaptive, RJ45x2
Ethernet communication protocol	TCP/IP
Maximum transmission distance of network port	100m, CAT5E crossover cable Supports higher standard cables above CAT5E Support long-distance optical fiber transmission applications
Signal shield ground resistance (impedance)	< 4Ω
Surge protection grounding resistance (impedance)	< 10Ω
Gamma correction mode	User-defined arbitrary value
Grey level	8 bit to 16 bit arbitrary grayscale
Support lamp color types	single color, two colors, three colors, four colors, multi-color mixture
Housing material	Galvanized iron (spray-coated)
IP rating	IP20 (higher IP rating customized)
Installation	Fixed hole installation
Center distance of Fixed hole	296mm, 55mm
Environment temperature	-30 C —+55 C
Working relative humidity	≤95%, No condensation
Storage	-40 C —+85 C
Display Pane	16x38mm, Yellow-green dot matrix screen
Voltage	100—240VAC, 47—63Hz
Device Power consumption	5W, no-load

NON-SATELLITE SYNCHRONOUS MAIN CONTROLLER

LED Controller YD-LC-ZK02



Front Side



Back Side

Product Features

- YD-LC-ZK02 supports a maximum load capacity of 500,000 channels.
- YD-LC-ZK02 supports SD card offline synchronized playback.
- YD-LC-ZK02 supports PC online playback.
- Support the mixed use of different types of lamps and lamps with different protocols.
- Supports timing, manual, and holiday preset scene animation playback.
- Support multi-channel independent brightness control and precise adjustment of white balance.
- Supports multi-channel independently adjustable Gamma correction algorithm, supports customizing any Gamma correction value, precise control, more adapted to human vision, and more accurate display color.
- Support single color, dual color, RGB, RGBW, RGBWY and other multi-color mixing control.
- With chip type quick switching function.
- Chip type switching does not require updating device firmware, greatly reducing the risk caused by firmware update failure.
- Supports standard 25-frame animation playback and up to 120-frame rate.
- Standard Ethernet interface and TCP/IP protocol, CAT5E cable maximum transmission distance of 100 meters.
- Supports CAT5E and above cables and fiber optic long-distance transmission requirements.
- The front power interface, power switch, LCD, network port, and button layout design are more conducive to construction, installation and on-site debugging.
- The RJ45 network port has anti-loosening and anti-dropping functions, which can solve the problem of easy disconnection of wiring caused by high-frequency vibration, accidental touch and other reasons, ensuring the long-term reliable and stable operation of the project.
- Dual RJ45 Ethernet ports, supports mixed cascading between controllers, such as DMX512 controller and SPI serial controller cascading, with no limit on the number of cascades.
- Supports daisy chain, star topology, tree structure, and other network topologies.
- Compatible with various switch networking schemes to improve system operational stability.
- Supports online automatic detection and parameter readback functions for controllers, software interface intuitively displays connection status.
- Supports real-time display of synchronized satellite online quantity.
- Built-in physical buttons, supports key operation, and debugging is quick and convenient, Such as rate selection, luminance adjustment and other functions.
- Supports infrared remote control function, equipped with 21-key infrared remote control.
- Support dual-channel hot backup.
- Supports program segment selection, brightness adjustment, white balance adjustment, playback speed adjustment, etc.
- Full English dot matrix display screen supports real-time display of controller operating status.
- The device's RJ45 network port and SD card interface are both designed with high reliability and high resistance to electromagnetic interference.
- Device RJ45 Ethernet port SURGE lightning surge impact resistance level: 3KV between lines, 6KV between line and ground.
- quipment RJ45 network port EFT electrical fast transient pulse group immunity level 6KV.
- Buttons, RJ45 Ethernet ports, SD card interfaces, power interfaces, housing etc., ESD electrostatic discharge immunity level: ±15KV air discharge, ±8KV contact discharge.

Applications

- Used for indoor and outdoor landscape lighting, such as buildings, bridges, parks, cultural and tourism, etc.
- Used to control LED mesh screen on the building.
- Used to control media facade, transparent screen.
- Control the lamps in the logo or signs.
- Used for other landscape lighting and dynamic lighting control applications.

System Topology

For example: the online playback synchronization system topology diagram, this system topology can realize functions such as online playback and synchronous playback.



Parameter

Size	315x165x60mm Bare machine only, include network port and ports
IC type switching method	Online switching
Network port rate	10/100/1000Mbpsadaptive, RJ45x2
Ethernet communication protocol	TCP/IP
Maximum transmission distance of network port	100m, CAT5E crossover cable Supports higher standard cables above CAT5E Support long-distance optical fiber transmission applications
Signal shield ground resistance (impedance)	<4Ω
Surge protection grounding resistance (impedance)	<10Ω
Gamma correction mode	User-defined arbitrary value
Grey level	8 bit to 16 bit arbitrary grayscale
Support lamp color types	single color, two colors, three colors, four colors, multi-color mixture
Housing material	Galvanized iron (spray-coated)
IP rating	IP20 (higher IP rating customized)
Installation	Fixed hole installation
Center distance of Fixed hole	296mm, 55mm
Environment temperature	-30℃ —+55℃
Working relative humidity	≤95%, No condensation
Storage	-40℃ —+85℃
Display Pane	16x38mm, Yellow-green dot matrix screen
Voltage	100—240VAC, 47—63Hz
Device Power consumption	5W, no-load

DMX512 LIGHTING SUB-CONTROLLER

LED Controller YD-LC-FK01



Front Side



Back Side

Product Features

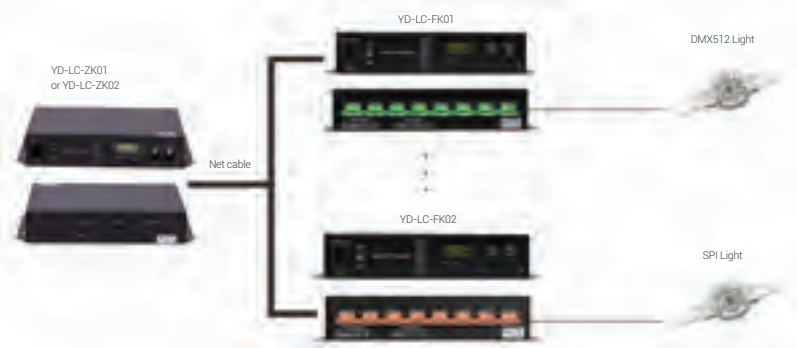
- YD-LC-FK01 supports the USITT DMX512-A protocol and the extended DMX512 protocol.
- YD-LC-FK01 supports PC computer online play functionality.
- Dual 10/100/1000Mbps adaptive RJ45 network ports, supporting forced rate limiting to ensure stable operation of the project.
- Supports various types of DMX512 driver chips.
- Supports one-key writing of DMX address and parameters, and supports single-unit, multiple-unit, single-port, and multiple-port writing modes.
- Supports 8-bit to 16-bit arbitrary grayscale adjustment, that is, 256 to 65536 grayscale adjustment.
- Support multi-channel independent brightness control and precise adjustment of white balance.
- Supports multi-channel independently adjustable Gamma correction algorithm, supports customizing any Gamma correction value, precise control, more adapted to human vision, and more accurate display color.
- Support single color, dual color, RGB, RGBW, RGBWY and other multi-color mixing control.
- Supports standard 25-frame animation playback and up to 120-frame rate.
- Standard Ethernet interface and TCP/IP protocol, CAT5E cable maximum transmission distance of 100 meters.
- Supports CAT5E and above cables and fiber optic long-distance transmission requirements.
- The front power interface, power switch, LCD, network port design are more conducive to construction, installation and on-site debugging.
- The RJ45 network port 8-channel luminaire signal ports has anti-loosening and anti-dropping functions, which can solve the problem of easy disconnection of wiring caused by high-frequency vibration, accidental touch and other reasons, ensuring the long-term reliable and stable operation of the project.
- Full English dot matrix display screen supports real-time display of controller operating status.
- Dual RJ45 Ethernet ports, supports mixed cascading between controllers, such as DMX512 controller and SPI serial controller cascading, with no limit on the number of cascades.
- Supports daisy chain, star topology, tree structure, and other network topologies.
- Compatible with various switch networking schemes to improve system operational stability.
- Supports online automatic detection and parameter readback functions for controllers, software interface intuitively displays connection status.
- Maximum load capacity of 32,768 channels per single unit.
- 8-channel luminaire signal ports, supporting a maximum rate of 6 Mbps.
- The RJ45 Ethernet ports and luminaire signal ports of the device feature high reliability and strong resistance to electromagnetic interference design.
- The 8-channel luminaire signal ports are equipped with over-current and over-voltage protection. Each pin of any port can withstand a continuous voltage of up to 48V.
- The device's RJ45 Ethernet ports and luminaire signal ports have surge protection ratings: 3KV for line-line and 6KV for line-ground, providing resistance to lightning surges and transient disturbances.
- The device's RJ45 Ethernet ports and luminaire signal ports have EFT (Electrical Fast Transient) surge immunity rating of 6KV, ensuring robust protection against rapid transient pulses.
- The device's buttons, RJ45 Ethernet ports, luminaire signal ports, power interface, and casing have ESD (Electrostatic Discharge) immunity ratings: ±15KV air discharge, ±8KV contact discharge, providing protection against static electricity discharges.

Applications

- Used for indoor and outdoor landscape lighting, such as buildings, bridges, parks, cultural and tourism, etc.
- Used to control LED mesh screen on the building.
- Used to control media facade, transparent screen.
- Control the lamps in the logo or signs.
- Used in other industries that require DMX512 dimming control.

System Topology

For example: the online playback synchronization system topology diagram, this system topology can realize functions such as online playback and synchronous playback.



Parameter

Size	315x165x60mm Bare machine only, include network port and ports
IC type switching method	Online switching
Network port rate	10/100/1000Mbpsadaptive, RJ45x2
Ethernet communication protocol	TCP/IP
Maximum transmission distance of network port	100m, CAT5E crossover cable Supports higher standard cables above CAT5E Support long-distance optical fiber transmission applications
Signal shield ground resistance (impedance)	< 4Ω
Surge protection grounding resistance (impedance)	< 10Ω
Gamma correction mode	User-defined arbitrary value
Grey level	8 bit to 16 bit arbitrary grayscale
Support lamp color types	single color, two colors, three colors, four colors, multi-color mixture
Housing material	Galvanized iron (spray-coated)
IP rating	IP20 (higher IP rating customized)
Installation	Fixed hole installation
Center distance of Fixed hole	296mm, 55mm
Environment temperature	-30℃ —+55℃
Working relative humidity	≤95%, No condensation
Storage	-40℃ —+85℃
Display Pane	16x38mm, Yellow-green dot matrix screen
Voltage	100—240VAC, 47—63Hz
Device Power consumption	5W, no-load

SPI LIGHTING SUB-CONTROLLER

LED Controller YD-LC-FK02



Front Side



Back Side

Product Features

- YD-LC-FK02 supports SPI communication protocol.
- YD-LC-FK02 supports PC computer online play functionality.
- Dual 10/100/1000Mbps adaptive RJ45 network ports, supporting forced rate limiting to ensure stable operation of the project.
- Support multiple brands and types of SPI driver chips in the market.
- Supports 8-bit to 16-bit arbitrary grayscale adjustment, that is, 256 to 65536 grayscale adjustment.
- Support multi-channel independent brightness control and precise adjustment of white balance.
- Supports multi-channel independently adjustable Gamma correction algorithm, supports customizing any Gamma correction value, precise control, more adapted to human vision, and more accurate display color.
- Support single color, dual color, RGB, RGBW, RGBWY and other multi-color mixing control.
- With chip type quick switching function.
- Chip type switching does not require updating device firmware, greatly reducing the risk caused by firmware update failure.
- Supports standard 25-frame animation playback and up to 120-frame rate.
- Standard Ethernet interface and TCP/IP protocol, CAT5E cable maximum transmission distance of 100 meters.
- Supports CAT5E and above cables and fiber optic long-distance transmission requirements.
- The front power interface, power switch , LCD, network port design are more conducive to construction, installation and on-site debugging.
- The RJ45 network port 8-channel luminaire signal ports has anti-loosening and anti-dropping functions, which can solve the problem of easy disconnection of wiring caused by high-frequency vibration, accidental touch and other reasons, ensuring the long-term reliable and stable operation of the project.
- Full English dot matrix display screen supports real-time display of controller operating status.
- Dual RJ45 Ethernet ports, supports mixed cascading between controllers, such as DMX512 controller and SPI serial controller cascading, with no limit on the number of cascades.
- Supports daisy chain, star topology, tree structure, and other network topologies.
- Compatible with various switch networking schemes to improve system operational stability.
- Supports online automatic detection and parameter readback functions for controllers, software interface intuitively displays connection status.
- Maximum load capacity of 32,768 channels per single unit.
- 8-channel luminaire signal ports, supporting a maximum rate of 6 Mbps.
- The RJ45 Ethernet ports and luminaire signal ports of the device feature high reliability and strong resistance to electromagnetic interference design.
- The 8-channel luminaire signal ports are equipped with over-current and over-voltage protection. Each pin of any port can withstand a continuous voltage of up to 48V.
- The device's RJ45 Ethernet ports and luminaire signal ports have surge protection ratings: 3KV for line-line and 6KV for line-ground, providing resistance to lightning surges and transient disturbances.
- The device's RJ45 Ethernet ports and luminaire signal ports have EFT (Electrical Fast Transient) surge immunity rating of 6KV, ensuring robust protection against rapid transient pulses.
- The device's buttons, RJ45 Ethernet ports, luminaire signal ports, power interface, and casing have ESD (Electrostatic Discharge) immunity ratings: ±15KV air discharge, ±8KV contact discharge, providing protection against static electricity discharges.

Applications

- Used for indoor and outdoor landscape lighting, such as buildings, bridges, parks, cultural and tourism, etc.
- Used to control LED mesh screen on the building.
- Used to control media facade, transparent screen.
- Control the lamps in the logo or signs.
- Used in other industries that require SPI serial shift communication dimming control

System Topology

For example: the online playback synchronization system topology diagram, this system topology can realize functions such as online playback and synchronous playback.



Parameter

Size	315x165x60mm Bare machine only, include network port and ports
IC type switching method	Online switching
Network port rate	10/100/1000Mbpsadaptive, RJ45x2
Ethernet communication protocol	TCP/IP
Maximum transmission distance of network port	100m, CAT5E crossover cable Supports higher standard cables above CAT5E Support long-distance optical fiber transmission applications
Signal shield ground resistance (impedance)	< 4Ω
Surge protection grounding resistance (impedance)	<10Ω
Gamma correction mode	User-defined arbitrary value
Grey level	8 bit to 16 bit arbitrary grayscale
Support lamp color types	single color, two colors, three colors, four colors, multi-color mixture
Housing material	Galvanized iron (spray-coated)
IP rating	IP20 (higher IP rating customized)
Installation	Fixed hole installation
Center distance of Fixed hole	296mm, 55mm
Environment temperature	-30℃ —+55℃
Working relative humidity	≤95%, No condensation
Storage	-40℃ —+85℃
Display Pane	16x38mm, Yellow-green dot matrix screen
Voltage	100—240VAC, 47—63Hz
Device Power consumption	5W, no-load

RDM CONTROLLER

LED Controller YD-LC-FK03



Front Side



Back Side

Product Features

- YD-LC-FK03 supports the USITT DMX512-A protocol and the extended DMX512 protocol.
- YD-LC-FK03 supports LED lighting remote device management (RDM) protocol based on DMX512 network.
- YD-LC-FK03 supports PC computer online play functionality.
- Dual 10/100/1000Mbps adaptive RJ45 network ports, supporting forced rate limiting to ensure stable operation of the project.
- Supports various DMX512 driver chips such as AP, AF, CN, CH, AR, etc.
- Supports one-key writing of DMX address and parameters, and supports single-unit, multiple-unit, single-port, and multiple-port writing modes.
- Supports 8-bit to 16-bit arbitrary grayscale adjustment, that is, 256 to 65536 grayscale adjustment.
- Support multi-channel independent brightness control and precise adjustment of white balance.
- Supports multi-channel independently adjustable Gamma correction algorithm, supports customizing any Gamma correction value, precise control, more adapted to human vision, and more accurate display color.
- Support single color, dual color, RGB, RGBW, RGBWY and other multi-color mixing control.
- Supports standard 25-frame animation playback and up to 120-frame rate.
- Standard Ethernet interface and TCP/IP protocol, CAT5E cable maximum transmission distance of 100 meters.
- Supports CAT5E and above cables and fiber optic long-distance transmission requirements.
- The front power interface, power switch, LCD, network port design are more conducive to construction, installation and on-site debugging.
- The RJ45 network port 8-channel luminaire signal ports has anti-loosening and anti-dropping functions, which can solve the problem of easy disconnection of wiring caused by high-frequency vibration, accidental touch and other reasons, ensuring the long-term reliable and stable operation of the project.
- Full English dot matrix display screen supports real-time display of controller operating status.
- Dual RJ45 Ethernet ports, supports mixed cascading between controllers, such as DMX512 controller and SPI serial controller cascading, with no limit on the number of cascades.
- Supports daisy chain, star topology, tree structure, and other network topologies.
- Compatible with various switch networking schemes to improve system operational stability.
- Supports online automatic detection and parameter readback functions for controllers, software interface intuitively displays connection status.
- Maximum load capacity of 32,768 channels per single unit.
- 8-channel luminaire signal ports, supporting a maximum rate of 6 Mbps.
- The RJ45 Ethernet ports and luminaire signal ports of the device feature high reliability and strong resistance to electromagnetic interference design.
- The 8-channel luminaire signal ports are equipped with over-current and over-voltage protection. Each pin of any port can withstand a continuous voltage of up to 48V.
- The device's RJ45 Ethernet ports and luminaire signal ports have surge protection ratings: 3KV for line-line and 6KV for line-ground, providing resistance to lightning surges and transient disturbances.
- The device's RJ45 Ethernet ports and luminaire signal ports have EFT (Electrical Fast Transient) surge immunity rating of 6KV, ensuring robust protection against rapid transient pulses.
- The device's buttons, RJ45 Ethernet ports, luminaire signal ports, power interface, and casing have ESD (Electrostatic Discharge) immunity ratings: ±15KV air discharge, ±8KV contact discharge, providing protection against static electricity discharges.

Applications

- Used for indoor and outdoor landscape lighting, such as buildings, bridges, parks, cultural and tourism, etc.
- Used to control LED mesh screen on the building.
- Used to control media facade, transparent screen.
- Control the lamps in the logo or signs.
- Used in other industry fields that require DMX512 dimming control.
- Used in applications that require RDM lighting feedback technology

System Topology

For example: the online playback synchronization system topology diagram, this system topology can realize functions such as online playback and synchronous playback.



Parameter

Size	315x165x60mm Bare machine only, include network port and ports
IC type switching method	Online switching
Network port rate	10/100/1000Mbpsadaptive, RJ45x2
Ethernet communication protocol	TCP/IP
Maximum transmission distance of network port	100m, CAT5E crossover cable Supports higher standard cables above CAT5E Support long-distance optical fiber transmission applications
Signal shield ground resistance (impedance)	< 4Ω
Surge protection grounding resistance (impedance)	<10Ω
Gamma correction mode	User-defined arbitrary value
Grey level	8 bit to 16 bit arbitrary grayscale
Support lamp color types	single color, two colors, three colors, four colors, multi-color mixture
Housing material	Galvanized iron (spray-coated)
IP rating	IP20 (higher IP rating customized)
Installation	Fixed hole installation
Center distance of Fixed hole	296mm, 55mm
Environment temperature	-30℃ —+55℃
Working relative humidity	≤95%, No condensation
Storage	-40℃ —+85℃
Display Pane	16x38mm, Yellow-green dot matrix screen
Voltage	100—240VAC, 47—63Hz
Device Power consumption	5W, no-load

MINI FOUR-PORT SUB-CONTROLLER

LED Controller YD-LC-FK04



Front Side



Back Side

Product Features

- YD-LC-FK04 supports the USITT DMX512-A protocol and the extended DMX512 protocol.
- YD-LC-FK04 supports PC computer online play functionality.
- Dual 10/100/1000Mbps adaptive RJ45 network ports, supporting forced rate limiting to ensure stable operation of the project.
- Supports various DMX512 driver chips such as AP, AF, CN, CH, AR, etc.
- Supports one-key writing of DMX address and parameters, and supports single-unit, multiple-unit, single-port, and multiple-port writing modes.
- Supports 8-bit to 16-bit arbitrary grayscale adjustment, that is, 256 to 65536 grayscale adjustment.
- Support multi-channel independent brightness control and precise adjustment of white balance.
- Supports multi-channel independently adjustable Gamma correction algorithm, supports customizing any Gamma correction value, precise control, more adapted to human vision, and more accurate display color.
- Support single color, dual color, RGB, RGBW, RGBWY and other multi-color mixing control.
- Supports standard 25-frame animation playback and up to 120-frame rate.
- Standard Ethernet interface and TCP/IP protocol, CAT5E cable maximum transmission distance of 100 meters.
- Supports CAT5E and above cables and fiber optic long-distance transmission requirements.
- The RJ45 network port 8-channel luminaire signal ports has anti-loosening and anti-dropping functions, which can solve the problem of easy disconnection of wiring caused by high-frequency vibration, accidental touch and other reasons, ensuring the long-term reliable and stable operation of the project.
- Full English dot matrix display screen supports real-time display of controller operating status.
- Dual RJ45 Ethernet ports, supports mixed cascading between controllers, such as DMX512 controller and SPI serial controller cascading, with no limit on the number of cascades.
- Supports daisy chain, star topology, tree structure, and other network topologies.
- Compatible with various switch networking schemes to improve system operational stability.
- Supports online automatic detection and parameter readback functions for controllers, software interface intuitively displays connection status.
- Maximum load capacity of 32,768 channels per single unit.
- 8-channel luminaire signal ports, supporting a maximum rate of 6 Mbps.
- The RJ45 Ethernet ports and luminaire signal ports of the device feature high reliability and strong resistance to electromagnetic interference design.
- The 8-channel luminaire signal ports are equipped with over-current and over-voltage protection. Each pin of any port can withstand a continuous voltage of up to 48V.
- The device's RJ45 Ethernet ports and luminaire signal ports have surge protection ratings: 3KV for line-line and 6KV for line-ground, providing resistance to lightning surges and transient disturbances.
- The device's RJ45 Ethernet ports and luminaire signal ports have EFT (Electrical Fast Transient) surge immunity rating of 6KV, ensuring robust protection against rapid transient pulses.
- The device's buttons, RJ45 Ethernet ports, luminaire signal ports, power interface, and casing have ESD (Electrostatic Discharge) immunity ratings: ±15KV air discharge, ±8KV contact discharge, providing protection against static electricity discharges.

Applications

- Used for indoor and outdoor landscape lighting, such as buildings, bridges, parks, cultural and tourism, etc.
- Used to control LED mesh screen on the building.
- Used to control media facade, transparent screen.
- Control the lamps in the logo or signs.
- Used in other industry fields that require DMX512 dimming control
- Used in applications that require RDM lighting feedback technology

System Topology

For example: the online playback synchronization system topology diagram, this system topology can realize functions such as online playback and synchronous playback.



Parameter

Size	250x142x58mm Bare machine only, include network port and ports
IC type switching method	Online switching
Network port rate	10/100/1000Mbpsadaptive, RJ45x2
Ethernet communication protocol	TCP/IP
Maximum transmission distance of network port	100m, CAT5E crossover cable Supports higher standard cables above CAT5E Support long-distance optical fiber transmission applications
Signal shield ground resistance (impedance)	< 4Ω
Surge protection grounding resistance (impedance)	<10Ω
Gamma correction mode	User-defined arbitrary value
Grey level	8 bit to 16 bit arbitrary grayscale
Support lamp color types	single color, two colors, three colors, four colors, multi-color mixture
Housing material	Galvanized iron (spray-coated)
IP rating	IP20 (higher IP rating customized)
Installation	Fixed hole installation
Center distance of Fixed hole	296mm, 55mm
Environment temperature	-30℃ —+55℃
Working relative humidity	≤95%, No condensation
Storage	-40℃ —+85℃
Display Pane	16x38mm, Yellow-green dot matrix screen
Voltage	100—240VAC, 47—63Hz
Device Power consumption	5W, no-load

ARTNET CONTROLLER

LED Controller YD-LC-ZK05



Front Side



Back Side

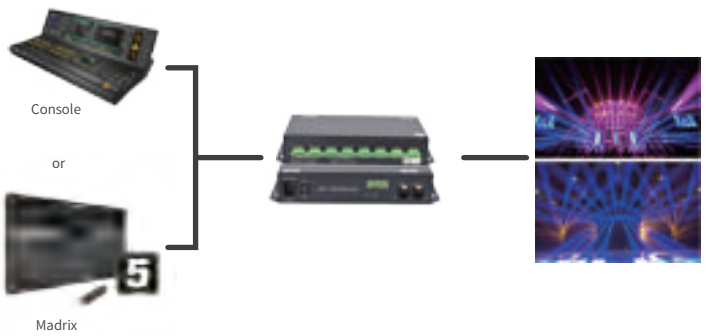
Product Features

- YD-LC-FK05 supports the ArtNet protocol and the standard DMX512 protocol.
- YD-LC-FK05 supports PC computer online play functionality.
- Dual 10/100/1000Mbps adaptive RJ45 network ports, supporting forced rate limiting to ensure stable operation of the project.
- Compatible with lighting control software and consoles that support the ArtNet protocol, such as Madrix 5.
- Supports various standard DMX512 driver lamp chips.
- Supports multi-color mixing control such as single color, dual color, RGB, RGBW, RGBWY, etc.
- Supports standard 25-frame animation playback.
- Standard Ethernet interface and TCP/IP protocol, CAT5E cable maximum transmission distance of 100 meters.
- Supports CAT5E and above cables and fiber optic long-distance transmission requirements.
- Front power interface and power switch, along with a touch display screen, facilitate construction installation and on-site debugging.
- The RJ45 network port 8-channel luminaire signal ports has anti-loosening and anti-dropping functions, which can solve the problem of easy disconnection of wiring caused by high-frequency vibration, accidental touch and other reasons, ensuring the long-term reliable and stable operation of the project.
- Full English dot matrix display screen supports real-time display of controller operating status.
- Dual RJ45 Ethernet ports, supports mixed cascading between controllers.
- Supports daisy chain, star topology, tree structure, and other network topologies.
- Compatible with various switch networking schemes to improve system operational stability.
- Supports online automatic detection and parameter readback functions for controllers.
- Supports remote firmware upgrade of the device.
- Allows modification of IP and MAC addresses via host computer software.
- Supports switch connection solution.
- 8-channel luminaire signal ports, supporting a maximum rate of 6 Mbps.
- Both the device's RJ45 Ethernet port and lamp signal port feature a highly reliable design with high immunity to electromagnetic interference.
- The 8-channel luminaire signal ports are equipped with over-current and over-voltage protection. Each pin of any port can withstand a continuous voltage of up to 48V.
- The device's RJ45 Ethernet ports and luminaire signal ports have surge protection ratings: 3KV for line-line and 6KV for line-ground, providing resistance to lightning surges and transient disturbances.
- The device's RJ45 Ethernet ports and luminaire signal ports have EFT (Electrical Fast Transient) surge immunity rating of 6KV, ensuring robust protection against rapid transient pulses.
- The device's buttons, RJ45 Ethernet ports, luminaire signal ports, power interface, and casing have ESD (Electrostatic Discharge) immunity ratings: ±15KV air discharge, ±8KV contact discharge, providing protection against static electricity discharges.

Applications

- Used for indoor and outdoor landscape lighting, such as buildings, bridges, parks, cultural and tourism, etc.
- Used to control LED mesh screen on the building.
- Used to control media facade, transparent screen.
- Control the lamps in the logo or signs.
- Used in scenarios such as stage lighting where a lighting console is required.

System Topology



Parameter

Size	315x165x60mm Bare machine only, include network port and ports
IC type switching method	Online switching
Network port rate	10/100/1000Mbpsadaptive, RJ45x2
Ethernet communication protocol	TCP/IP
Maximum transmission distance of network port	100m, CAT5E crossover cable Supports higher standard cables above CAT5E Support long-distance optical fiber transmission applications
Signal shield ground resistance (impedance)	<4Ω
Surge protection grounding resistance (impedance)	<10Ω
Gamma correction mode	User-defined arbitrary value
Grey level	8 bit to 16 bit arbitrary grayscale
Support lamp color types	single color, two colors, three colors, four colors, multi-color mixture
Housing material	Galvanized iron (spray-coated)
IP rating	IP20 (higher IP rating customized)
Installation	Fixed hole installation
Center distance of Fixed hole	296mm, 55mm
Environment temperature	-30℃—+55℃
Working relative humidity	≤95%, No condensation
Storage	-40℃—+85℃
Display Pane	16x38mm, Yellow-green dot matrix screen
Voltage	100—240VAC, 47—63Hz
Device Power consumption	5W, no-load

DMX512 MASTER-SUB CONTROLLER

LED Controller YD-LC-ZK03D



Front Side



Back Side

Product Features

- YD-LC-ZK03D supports a maximum load capacity of 20,000 channels.
- YD-LC-ZK03D supports SD card offline synchronized playback.
- YD-LC-ZK03D supports PC online playback.
- Support the mixed use of different types of lamps.
- Supports timing, manual, and holiday preset scene animation playback.
- Support multi-channel independent brightness control and precise adjustment of white balance.
- Supports multi-channel independently adjustable Gamma correction algorithm, supports customizing any Gamma correction value, precise control, more adapted to human vision, and more accurate display color.
- Support single color, dual color, RGB, RGBW, RGBWY and other multi-color mixing control.
- With chip type quick switching function.
- Chip type switching does not require updating device firmware, greatly reducing the risk caused by firmware update failure.
- Supports standard 25-frame animation playback and up to 120-frame rate.
- Standard Ethernet interface and TCP/IP protocol, CAT5E cable maximum transmission distance of 100 meters.
- Supports CAT5E and above cables and fiber optic long-distance transmission requirements.
- The front power interface, power switch, LCD, network port, and button layout design are more conducive to construction, installation and on-site debugging.
- The RJ45 network port has anti-loosening and anti-dropping functions, which can solve the problem of easy disconnection of wiring caused by high-frequency vibration, accidental touch and other reasons, ensuring the long-term reliable and stable operation of the project.
- Supports online automatic detection and parameter readback functions for controllers, software interface intuitively displays connection status.
- Built-in physical buttons, supports key operation, and debugging is quick and convenient.
- Supports infrared remote control function, equipped with 21-key infrared remote control.
- Supports program segment selection, brightness adjustment, white balance adjustment, playback speed adjustment, etc.
- Full English dot matrix display screen supports real-time display of controller operating status.
- The device's RJ45 network port and SD card interface are both designed with high reliability and high resistance to electromagnetic interference.
- The device's RJ45 Ethernet ports and luminaire signal ports have surge protection ratings: 3KV for line-line and 6KV for line-ground, providing resistance to lightning surges and transient disturbances.
- The device's RJ45 Ethernet ports and luminaire signal ports have EFT (Electrical Fast Transient) surge immunity rating of 6KV, ensuring robust protection against rapid transient pulses.
- The device's buttons, RJ45 Ethernet ports, luminaire signal ports, power interface, and casing have ESD (Electrostatic Discharge) immunity ratings: ±15KV air discharge, ±8KV contact discharge, providing protection against static electricity discharges.

Applications

- Used for indoor and outdoor landscape lighting, such as buildings, bridges, parks, cultural and tourism, etc.
- Used to control LED mesh screen on the building.
- Used to control media facade, transparent screen.
- Control the lamps in the logo or signs.
- Used for other landscape lighting and dynamic lighting control applications.

System Topology

For example: the online playback synchronization system topology diagram, this system topology can realize functions such as online playback and synchronous playback.



Parameter

Size	315x165x60mm Bare machine only, include network port and ports
IC type switching method	Online switching
Network port rate	10/100/1000Mbpsadaptive, RJ45x2
Ethernet communication protocol	TCP/IP
Maximum transmission distance of network port	100m, CAT5E crossover cable Supports higher standard cables above CAT5E Support long-distance optical fiber transmission applications
Signal shield ground resistance (impedance)	<4Ω
Surge protection grounding resistance (impedance)	<10Ω
Gamma correction mode	User-defined arbitrary value
Grey level	8 bit to 16 bit arbitrary grayscale
Support lamp color types	single color, two colors, three colors, four colors, multi-color mixture
Housing material	Galvanized iron (spray-coated)
IP rating	IP20 (higher IP rating customized)
Installation	Fixed hole installation
Center distance of Fixed hole	296mm, 55mm
Environment temperature	-30℃ —+55℃
Working relative humidity	≤95%, No condensation
Storage	-40℃ —+85℃
Display Pane	16x38mm, Yellow-green dot matrix screen
Voltage	100—240VAC, 47—63Hz
Device Power consumption	5W, no-load

SPI MASTER-SUB CONTROLLER

LED Controller YD-LC-ZK03S



Front Side



Back Side

Product Features

- YD-LC-ZK03S supports a maximum load capacity of 20,000 channels.
- YD-LC-ZK03S supports SD card offline synchronized playback.
- YD-LC-ZK03S supports PC online playback.
- Support the mixed use of different types of lamps.
- Supports timing, manual, and holiday preset scene animation playback.
- Support multi-channel independent brightness control and precise adjustment of white balance.
- Supports multi-channel independently adjustable Gamma correction algorithm, supports customizing any Gamma correction value, precise control, more adapted to human vision, and more accurate display color.
- Support single color, dual color, RGB, RGBW, RGBWY and other multi-color mixing control.
- With chip type quick switching function.
- Chip type switching does not require updating device firmware, greatly reducing the risk caused by firmware update failure.
- Supports standard 25-frame animation playback and up to 120-frame rate.
- Standard Ethernet interface and TCP/IP protocol, CAT5E cable maximum transmission distance of 100 meters.
- Supports CAT5E and above cables and fiber optic long-distance transmission requirements.
- The front power interface, power switch, LCD, network port, and button layout design are more conducive to construction, installation and on-site debugging.
- The RJ45 network port has anti-loosening and anti-dropping functions, which can solve the problem of easy disconnection of wiring caused by high-frequency vibration, accidental touch and other reasons, ensuring the long-term reliable and stable operation of the project.
- Supports online automatic detection and parameter readback functions for controllers, software interface intuitively displays connection status.
- Built-in physical buttons, supports key operation, and debugging is quick and convenient, such as rate selection, brightness adjustment and other functions.
- Supports infrared remote control function, equipped with 21-key infrared remote control.
- Supports program segment selection, brightness adjustment, white balance adjustment, playback speed adjustment, etc.
- Full English dot matrix display screen supports real-time display of controller operating status.
- The device's RJ45 network port and SD card interface are both designed with high reliability and high resistance to electromagnetic interference.
- The device's RJ45 Ethernet ports and luminaire signal ports have surge protection ratings: 3KV for line-line and 6KV for line-ground, providing resistance to lightning surges and transient disturbances.
- The device's RJ45 Ethernet ports and luminaire signal ports have EFT (Electrical Fast Transient) surge immunity rating of 6KV, ensuring robust protection against rapid transient pulses.
- The device's buttons, RJ45 Ethernet ports, luminaire signal ports, power interface, and casing have ESD (Electrostatic Discharge) immunity ratings: ±15KV air discharge, ±8KV contact discharge, providing protection against static electricity discharges.

Applications

- Used for indoor and outdoor landscape lighting, such as buildings, bridges, parks, cultural and tourism, etc.
- Used to control LED mesh screen on the building.
- Used to control media facade, transparent screen.
- Control the lamps in the logo or signs.
- Used for other landscape lighting and dynamic lighting control applications.

System Topology

For example: the online playback synchronization system topology diagram, this system topology can realize functions such as online playback and synchronous playback.

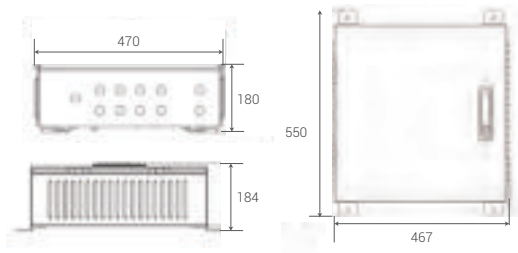


Parameter

Size	315x165x60mm Bare machine only, include network port and ports
IC type switching method	Online switching
Network port rate	10/100/1000Mbpsadaptive, RJ45x2
Ethernet communication protocol	TCP/IP
Maximum transmission distance of network port	100m, CAT5E crossover cable Supports higher standard cables above CAT5E Support long-distance optical fiber transmission applications
Signal shield ground resistance (impedance)	<4Ω
Surge protection grounding resistance (impedance)	<10Ω
Gamma correction mode	User-defined arbitrary value
Grey level	8 bit to 16 bit arbitrary grayscale
Support lamp color types	single color, two colors, three colors, four colors, multi-color mixture
Housing material	Galvanized iron (spray-coated)
IP rating	IP20 (higher IP rating customized)
Installation	Fixed hole installation
Center distance of Fixed hole	296mm, 55mm
Environment temperature	-30℃ —+55℃
Working relative humidity	≤95%, No condensation
Storage	-40℃ —+85℃
Display Pane	16x38mm, Yellow-green dot matrix screen
Voltage	100—240VAC, 47—63Hz
Device Power consumption	5W, no-load

LED INTEGRATED CONTROL CABINET

LED Controller YD-LC-PCU01/PCU02



Size:mm

Product Features

- Integrated DC 48V intelligent power output and lighting control signal;
- IP65 weatherproof design;
- 8 ports for lighting control signal + 48V power output;
- Supports one-key writing of DMX address and parameters, and supports single-unit, multiple-unit, single-port, and multiple-port writing modes.
- Supports customizing any Gamma correction value, precise control, more adapted to human vision, and more accurate display color.
- Supports multi-color mixing control such as single color, dual color, RGB, RGBW, RGBWY, etc.
- With chip type quick switching function.
- Chip type switching does not require updating device firmware, greatly reducing the risk caused by firmware update failure.
- Supports standard 25-frame animation playback and up to 120-frame rate.
- Dual Gigabit auto-sensing Ethernet ports (RJ45), supporting long-distance transmission via CAT5E or higher Ethernet cables and optical fiber;
- Supports daisy chain / star / tree hybrid cascading with no limit on the number of cascaded devices;
- Supports mixed cascading of DMX512 controllers and SPI serial controllers;
- Compatible with various switch networking schemes to improve system stability;
- Supports online automatic controller detection and parameter readback; connection status is clearly displayed on the software interface;
- Maximum load per port: 6144 channels; maximum data rate per port: 2 Mbps;
- The device's RJ45 network port and SD card interface are both designed with high reliability and high resistance to electromagnetic interference.
- Each port features overcurrent and overvoltage protection, with continuous withstand voltage up to 48V;
- The device's RJ45 Ethernet ports and luminaire signal ports have surge protection ratings: 3KV for line-line and 6KV for line-ground, providing resistance to lightning surges and transient disturbances.
- The device's RJ45 Ethernet ports and luminaire signal ports have EFT (Electrical Fast Transient) surge immunity rating of 6KV, ensuring robust protection against rapid transient pulses.
- The device's buttons, RJ45 Ethernet ports, luminaire signal ports, power interface, and casing have ESD (Electrostatic Discharge) immunity ratings: ±15KV air discharge, ±8KV contact discharge, providing protection against static electricity discharges.
- Wide voltage input: 100V AC to 240V AC, with built-in input overvoltage and undervoltage protection;
- Rated 48V output, with overvoltage, short-circuit, and overtemperature protection; automatic recovery after fault condition is resolved;
- Single-unit output power: 3KW, reducing installation space occupancy by 80%;
- Supports voltage regulation, current regulation, and current sharing;
- Modular design for easy installation and commissioning;

Applications

- Used for indoor and outdoor landscape lighting, such as buildings, bridges, parks, cultural and tourism, etc.
- Used to control LED mesh screen on the building.
- Used to control media facade, transparent screen.
- Control the lamps in the logo or signs.
- Used for other landscape lighting and dynamic lighting control applications.

System Topology

For example: the online playback synchronization system topology diagram, this system topology can realize functions such as online playback and synchronous playback.



Parameter

Size	465.25x513x166.5 (mm)
Total weight	16 Kg
Input voltage	100-240VAC
Output voltage	48V
Rated current	PCU01: <8A per channel PCU02: <15A per channel
Rated power	PCU01: 3000W PCU02: 6000W
Output short-circuit protection	Can withstand continuous short circuit; automatically recovers after short circuit is removed
Overtemperature protection	Overtemperature protection included
Network port rate	10/100/1000Mbps adaptive, RJ45x2
Ethernet communication protocol	TCP/IP
Maximum transmission distance of network port	100m, CAT5E crossover cable Supports higher standard cables above CAT5E Support long-distance optical fiber transmission applications
Number of cascaded devices via Ethernet ports	Unlimited
Housing material	Galvanized iron (spray-coated)
Installation method	Wall-mount installation
IP rating	IP65
Operating temperature	-30 C —+50 C
Working relative humidity	10-90%, No condensation
Storage	-40°C—+75°C

MINI MASTER-SUB CONTROLLER

LED Controller YD-LC-ZK06



Front Side



Back Side

Product Features

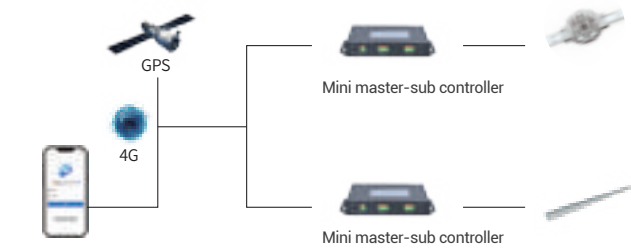
- Mini main-sub controller - 4G supports a maximum load capacity of 12,000 channels.
- Mini main-sub controller - 4G supports GPS + BeiDou Dual-Mode satellite timing synchronization playback function, with no distance limitations.
- Supports 4G Internet Connectivity.
- Supports remote direct online control via cloud platform.
- Supports remote online coding for lighting fixtures.
- Supports remote online debugging functionality.
- Supports direct connection to DMX512 and SPI lighting fixtures without Sub-controllers.
- Supports inter-building animation linkage and synchronized playback, with synchronization error not exceeding 1 frame.
- Supports integration with YD Smart Lighting Management Cloud Platform for remote bulk control.
- Supports online automatic detection of controllers and parameter feedback, with intuitive display of connection status on the cloud platform interface.
- Supports SD card updates and remote firmware updates via the cloud platform, with dual program backup; can continue normal operation if an update fails due to network issues.
- Mini main-sub controller supports SD card offline synchronized playback.
- Supports mixed use of different types of lighting fixtures and fixtures with different protocols.
- Supports timing, manual, and holiday preset scene animation playback.
- Support single color, dual color, RGB, RGBW, RGBWY and other multi-color mixing control.
- With chip type quick switching function.
- Chip type switching does not require updating device firmware, greatly reducing the risk caused by firmware update failure.
- Supports standard 25-frame animation playback and up to 120-frame rate.
- Front power interface, along with a touch display screen, facilitate construction installation and on-site debugging.
- The 4.8-inch touch screen can display the operating status in real time and allows for debugging functions such as chip type switching, rate selection, brightness adjustment, and chip addressing.
- Supports program segment selection, brightness adjustment, playback speed adjustment, etc.

Applications

- Used for indoor and outdoor landscape lighting, such as buildings, bridges, parks, cultural and tourism, etc.
- Used to control LED mesh screen on the building.
- Used to control media facade, transparent screen.
- Control the lamps in the logo or signs.
- Used for other landscape lighting and dynamic lighting control applications.

System Topology

For example: the online playback synchronization system topology diagram, this system topology can realize functions such as online playback and synchronous playback.



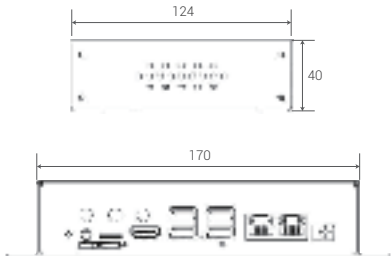
Parameter

Size	230x107x35mm Bare machine only, include network port and ports
IC type switching method	Online switching
Satellite timing mode	GPS + beidou-2 dual-mode
Positioning antenna interface	SMA inner screw inner pin
ESD anti-interference design level	4-way lighting signal port: air discharge ±15KV, contact discharge ±8KV Housing: air discharge ±15KV, contact discharge ±8KV
Signal shield ground resistance (impedance)	< 4Ω
Surge protection grounding resistance (impedance)	< 10Ω
Gamma correction mode	User-defined arbitrary value
Grey level	8 bit to 16 bit arbitrary grayscale
Support lamp color types	single color, two colors, three colors, four colors, multi-color mixture
Housing material	Galvanized iron (spray-coated)
IP rating	IP20 (higher IP rating customized)
Installation	Fixed hole installation
Center distance of Fixed hole	210mm, 40mm
Environment temperature	-30 C —+55 C
Working relative humidity	≤95%, No condensation
Storage	-40 C —+85 C
Display Pane	16x38mm, Yellow-green dot matrix screen
Voltage	DC5-48V
Device Power consumption	5W, no-load

SUPER MAIN CONTROLLER

LED Controller YD-LC-ZK05

A new generation of intelligent master control in the era of intelligent lighting



Size:mm

Product Features

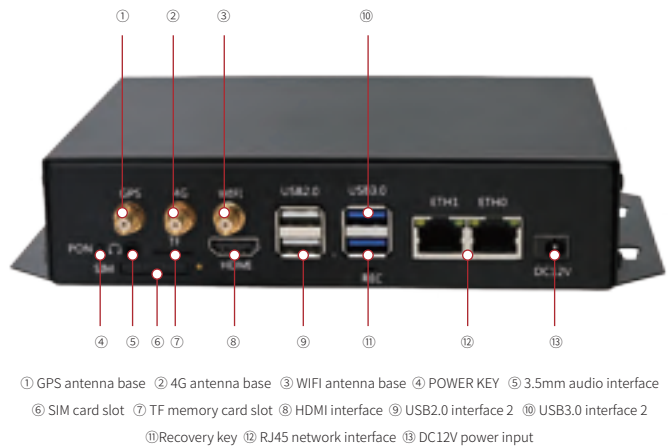
- Supports precise synchronization mechanism of GPS to ensure multi-building linkage and synchronous playback;
- Supports access to YD Illumination's smart lighting management cloud platform to achieve remote batch control;
- Support remote online modification of lamp chip type, chip parameters, etc.;
- Supports remote online coding for lighting fixtures、online debugging functionality , editing of program strategies;
- Support single and multi-node program playback control;
- Supports remote online upgrade, SD card upgrade, and online import of wiring projects;
- Supports multi-color mixing control such as single color, dual color, RGB, RGBW, RGBWY, etc.
- Supports standard 25-frame animation playback, up to 120 frames rate;
- Support Wifi, 4G connection to the Internet, and support 4G full Network standard.
- Supports remote direct online control through computers, mobile phones, and pads.
- Supports uploading or updating video files directly through the web page.
- High performance IOT processor.
- Maximum support 300,000 channels.
- Supports two 10/100/1000Mbps adaptive RJ45 network ports.
- Supports encrypted playback of video files to ensure project security.
- Supports synchronous sound output and can customize audio files.

Product Function

- Support for editing program lists and set the program displaying strategy.
- Support single/multi-node manual displaying, stop, pause, continue to play.
- Support remote online upgrade and SD card upgrade.
- Support remote adjusting and remote coding function.
- Support remote controller parameters coding function.
- Support remote controller detection function.
- Support online import layout file.
- With authentication mechanism.

Applications

- Can update the lighting animation of the project site remotely (anywhere in the world) through mobile phones/iPad/computers and other devices.
- Can be remotely online adjusting: light parameters coding, write address, adjusting, view the controller online, update project wiring files, etc.
- Real-time understanding the project light displaying through mobile phones/tablets/computers.
- Connect to the smart lighting management cloud platform.
- Need for real-time online remote control.
- Remotely adjust node lighting brightness in real time.
- The number of single nodes is less than 100,000, saving costs;
- Other intelligent control requirements.



Super Main Interface Diagram



Adaptation software

- Built-in 32 GB solid state storage

- Support on-site Wifi hotspot
- Save 4G traffic

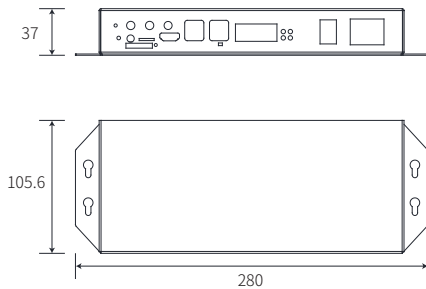
- Enable Wifi hotspot
- Accept mobile phone and computer connection
- Off-network does not affect use

Parameter

Size	201x124x40mm Bare machine only
Network port rate	10/100/1000Mbpsadaptive, RJ45x2
Ethernet communication protocol	TCP/IP
Support lamp color types	single color, two colors, three colors, four colors, multi-color mixture
Maximum transmission distance of network port	100m, CAT5E crossover cable Supports higher standard cables above CAT5E Support long-distance optical fiber transmission applications
Housing material	Galvanized iron (spray-coated)
IP rating	IP20
Installation	Fixed hole installation
Center distance of Fixed hole	182mm, 48mm
Environment temperature	0℃—60℃
Working relative humidity	≤95%, No condensation
Voltage	Single power supply 12V
Device Power consumption	5W, no-load

SUPER MAIN CONTROLLER

LED Controller YD-LC-ZK05 Pro



Size:mm

Product Features

- High performance IOT processor.
- Supports a maximum load capacity of 1 million channels.
- Supports two 10/100/1000Mbps adaptive RJ45 network ports.
- Support access to interactive systems.
- Support Wifi, 4G connection to the Internet, and support 4G full Network standard.
- Supports remote direct online control through computers, mobile phones, and pads.
- Supports uploading or updating video files directly through the web page.
- Supports encrypted playback of video files to ensure project security.
- Supports synchronous sound output and can customize audio files.
- Supports precise synchronization mechanism of GPS to ensure multi-building linkage and synchronous playback.
- Supports access to YD Illumination's smart lighting management cloud platform to achieve remote batch control.
- Support remote online modification of lamp chip type, chip parameters, etc.
- Supports remote online coding for lighting fixtures.
- Supports remote online debugging functionality.
- Support online editing of program strategies.
- Support single and multi-node program playback control.
- It supports remote online upgrade and SD card upgrade.
- Support online import of wiring projects.
- Have an identity verification mechanism.
- Built-in 32G solid-state storage supports optional higher specifications.

- Support offline displaying.
- Support single color, dual color, RGB, RGBW, RGBWY and other multi-color mixing control.
- With chip type quick switching function.
- Chip type switching does not require updating device firmware, greatly reducing the risk caused by firmware update failure.
- Supports standard 25-frame animation playback and up to 120-frame rate.
- Standard Ethernet interface and TCP/IP protocol, CAT5E cable maximum transmission distance of 100 meters.
- Supports CAT5E and above cables and fiber optic long-distance transmission requirements.

Applications

- Used for indoor and outdoor landscape lighting, such as buildings, bridges, parks, cultural and tourism, etc.
- Used to control LED mesh screen on the building.
- Used to control media facade, transparent screen.
- Control the lamps in the logo or signs.

Parameter

Size	280x105.6x37mm Bare machine only, include network port and ports
Network port rate	10/100/1000Mbpsadaptive, RJ45x2
Ethernet communication protocol	TCP/IP
Support lamp color types	single color, two colors, three colors, four colors, multi-color mixture
Maximum transmission distance of network port	100m, CAT5E crossover cable Supports higher standard cables above CAT5E Support long-distance optical fiber transmission applications
Housing material	Galvanized iron (spray-coated)
IP rating	IP20
Installation	Fixed hole installation
Center distance of Fixed hole	260mm, 30mm
Environment temperature	0℃—60℃
Working relative humidity	≤95%, No condensation
Voltage	Single power supply 220V
Device Power consumption	5W, no-load

FUSION GATEWAY

LED Controller YD-LC-ZK05



Product Features

- It adopt low-power quad-core IOT processor.
- It supports CAT5E or higher version network cables and optical fibers for long-distance transmission.
- It supports connect to YD intelligent lighting management platform to achieve long-distance batch control.
- It supports many kinds of system debugs, stable operations.
- It supports third parties device such as laser light, water show, projection etc.
- It supports many kinds of Industrial application interface.
- Supports CAT5E and above cables and fiber optic long-distance transmission requirements.
- Standard ethernet interface and TCP/IP protocol, the maximum transmission distance of CAT5E net cable is 100m.
- It supports IOT system and service.
- It supports many kinds of external expansion interface.
- It supports RJ45 ethernet network port.
- It supports the function of online files exchanging.
- 10/100Mbps adaptive RJ45 network port.
- It supports remote online upgrade and SD card upgrade.
- Authentication mechanism is available.
- Built-in 8GB of solid state storage.

Applications

- Indoor and outdoor landscape lighting such as buildings, bridges, parks, cultural tourism etc.
- Indoor and outdoor control of building media screen.
- Control large indoor and outdoor advertising display, transparent advertising display.
- Control indoor and outdoor signs and perforated LED light sources.

Interface Description



Parameter

Size	100x84x200mm Bare machine only, include network port and ports
Network port rate	10/100/1000Mbpsadaptive, RJ45x2
Ethernet communication protocol	TCP/IP
Housing material	Galvanized iron (spray-coated)
Maximum transmission distance of network port	100m, CAT5E crossover cable Supports higher standard cables above CAT5E Support long-distance optical fiber transmission applications
IP rating	IP20
Installation	Fixed hole installation
Center distance of Fixed hole	181mm, 72.5mm
Environment temperature	0 C –60 C
Working relative humidity	≤95%, No condensation
Voltage	DC5V (Powered via Type-C)
Device Power consumption	10W, no-load

LINGLONG THREE-BUTTON CONTROLLER

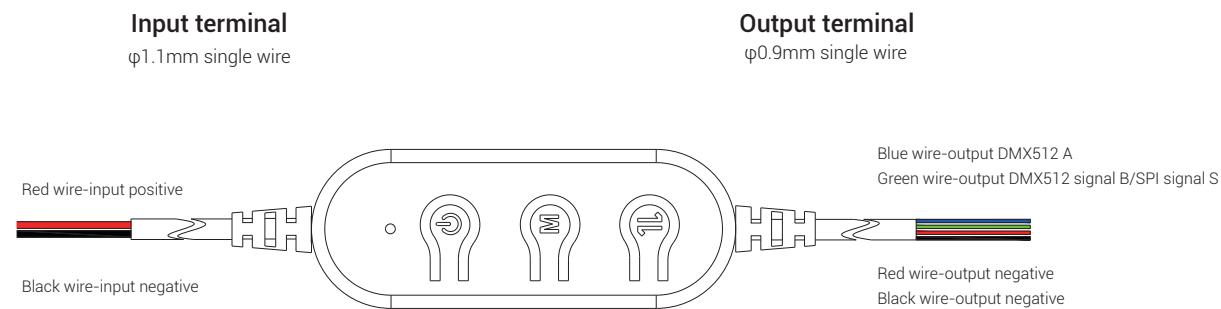
LED Controller GK-L001



Product Features

- Supports DMX512 lamp
- Supports 8-bit and 16-bit SPI lamp
- Supports single-color, two-color, three-color, and four-color lamps
- Built-in 7 common lighting animation effects, and can unlock 52 lighting animation effects with one click
- Maximum supported SPI lamp pixels: 1024
- Maximum DMX512 lamp pixels: 256
- Wide voltage input DC 5-24V
- Press the button to switch the lighting animation effect and adjust the animation lighting change rate

Installation Wiring Diagram



Parameter

Model	GK-L001
Input voltage	DC 5V-24V
Input current	3A
Protection measures	Input positive and negative polarity reverse protection
Output voltage	Follow input voltage
Output current	3A
Environment temperature	-40~+55℃
Working humidity	20~90%RH
Reserve	-60~+80℃,10~95%RH
Size	64mm*24mm*13mm (Long*Wide*High)
Weight	22g

LINGLONG BLUETOOTH CONTROLLER

LED Controller GK-L002

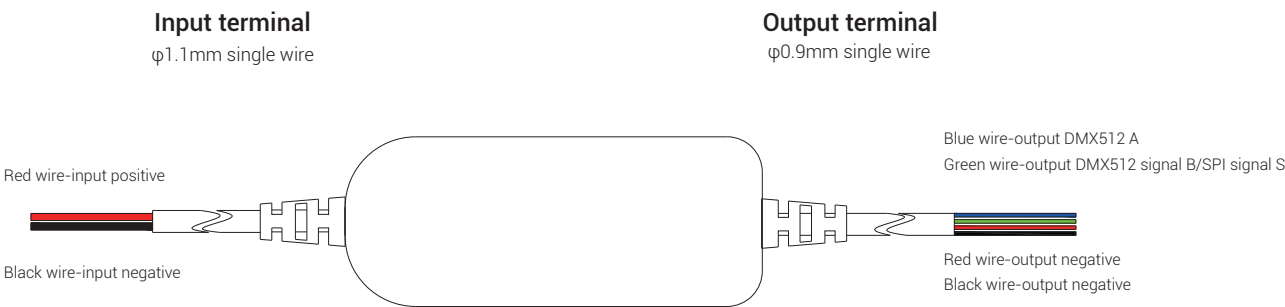


Size:mm

Product Features

- Bluetooth APP + infrared remote control, 10 preset animations
- 100-level speed/brightness adjustment, color mixing accuracy up to 0.1%
- Supports importing self-made animations and customizing programs
- Supports online coding for DMX512 protocol lamps
- DC 5-48V wide voltage input
- Compatible with conventional serial 8-bit, serial 16-bit and DMX512 protocol lamps

Installation Wiring Diagram

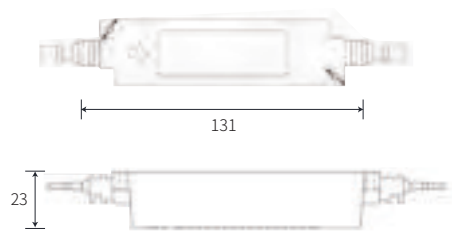


Parameter

Model	GK-L002	GK-L002	GK-L002
Input voltage	DC 5V-48V		
Input current	3A		
Output voltage	Follow input voltage		
Output current	3A		
Input reverse connection	Input positive and negative polarity reverse protection		
Environment temperature	-40~+55 C		
Working humidity	20~90%RH		
Reserve	-60~+80 C,10~95%RH		
Size	59mm*24mm*10mm (Long*Wide*High)		
Weight	22g		
Control method	Bluetooth APP Infrared temperature controller	Bluetooth APP	Infrared temperature controller

EXQUISITE COLORFUL LED CONTROLLER

LED Controller GK-L005



Size:mm

Product Features

- Compatible with conventional serial 8-bit, serial 16-bit and DMX512 protocol lamps
- Bluetooth APP remote control, 10 preset animations
- Protection grade IP68
- Supports importing custom animations and setting programs
- AC synchronization of multiple devices, millisecond-level animation linkage
- Supports up to 1024 serial pixels and 256 DMX512 lamp pixels

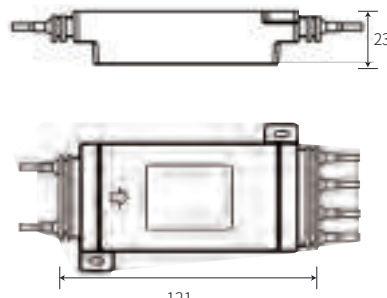


Parameter

Model	GK-L005
Input voltage	90~264VAC
Input current	0.1A Max
Environment temperature	-30~+55 C
Working humidity	5~100%RH
Reserve	-60~+80 C,10~95%RH
Size	131mm*30mm*23mm (Long*Wide*High)
Weight	110g

IP68 HIGH-VOLTAGE FULL-COLOR LED CONTROLLER

LED Controller GK-L006



Size:mm

Product Features

- Can directly drive RGB three-in-one and always-on lamps
- Directly drives up to 50 meters AC 220V light strip
- Protection grade IP68
- AC synchronization of multiple devices, millisecond-level animation linkage

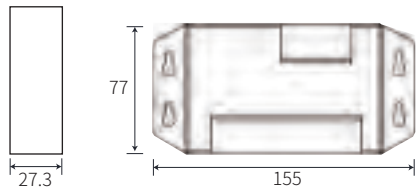


Parameter

Model	GK-L006
Input voltage	180~264VAC
Input current	4A Max
Input power	350W@230VAC
Output voltage	180~264VAC
Output channel	G, B three-channel outputRGB
Built-in animation	19、 RGB full-color gradient
Protection	20、 Over-current protection, over-current abnormality protection
Environment temperature	-30~+55 C
Working humidity	5~100%RH
Reserve	-60~+80 C,10~95%RH
Size	121mm*69mm*24mm (Long*Wide*High)
Weight	210g

LOW-VOLTAGE FULL-COLOR LED CONTROLLER

LED Controller GK-L007



Size:mm

Product Features

- Can control DC5-24V RGB three-in-one and always-on lamps
- Bluetooth APP remote control, 10 preset animations
- Supports importing custom animations and setting programs
- AC synchronization of multiple devices, millisecond-level animation linkage



Parameter

Model	GK-L007
AC input voltage	90~264VAC
AC input current	0.15A Max
DC input voltage	DC12V-DC24V
Maximum DC input current	29A@DC12V, 14.5A@DC24V
Output voltage	Follows DC input voltage
Output channel	G, B three-channel outputRGB
Load capacity	9.5A Max per channel @DC12V 4.8A Max per channel @DC24V
Protection	Over-current protection, over-current abnormality protection
Environment temperature	-30~+55℃
Working humidity	20~90%RH, No condensation
Reserve	-60~+80℃,10~95%RH
Size	155mm*77mm*27.3mm (Long*Wide*High)
Weight	273.5g

COMMUNICATION AND PROTECTION MODULE

It solves the issues like long-distance cable wiring, signal interference ect.

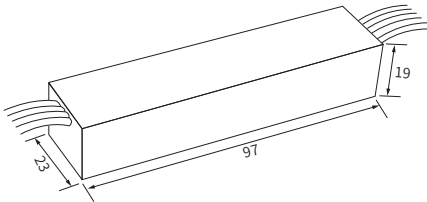


The height of tower is 100m

Libya Tower

DATA DISTRIBUTOR

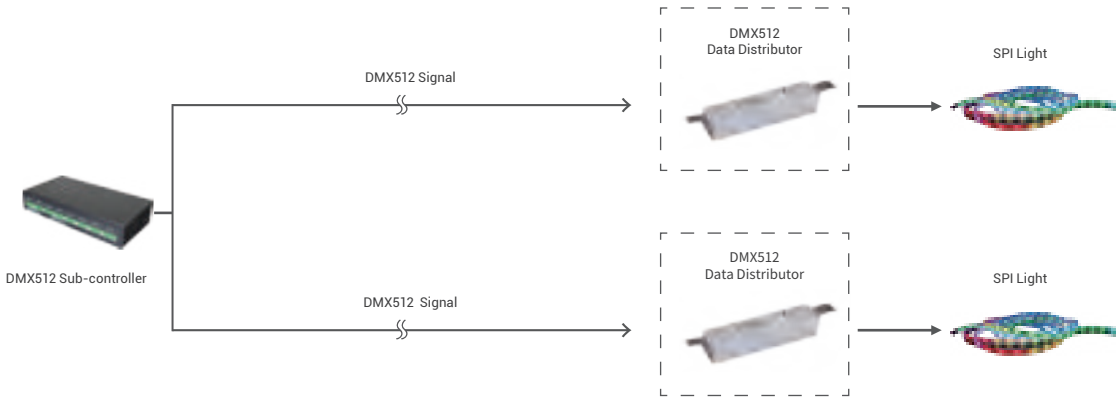
KSP-DMX-AB-01



Size:mm

Product Features

- General DMX512 standard/extension protocol.
- The number of channels is 3072.
- 5-48V wide range input voltage.
- Compatible with various SPI protocols.
- 8/16 bits gray scale.
- Communication rate up to 1000K.
- It supports cost-effective SPI lamps achieve DMX512 long-distance transmission advantage.

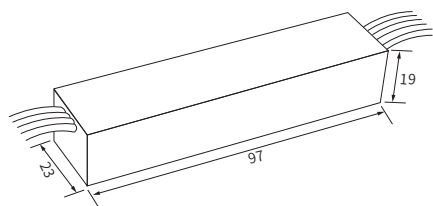


Parameter

Input signal	DMX512
Input voltage	DC5-48V
Output signal	SPI
Product size (mm)	62×22×15

DMX512 SIGNAL AMPLIFIER

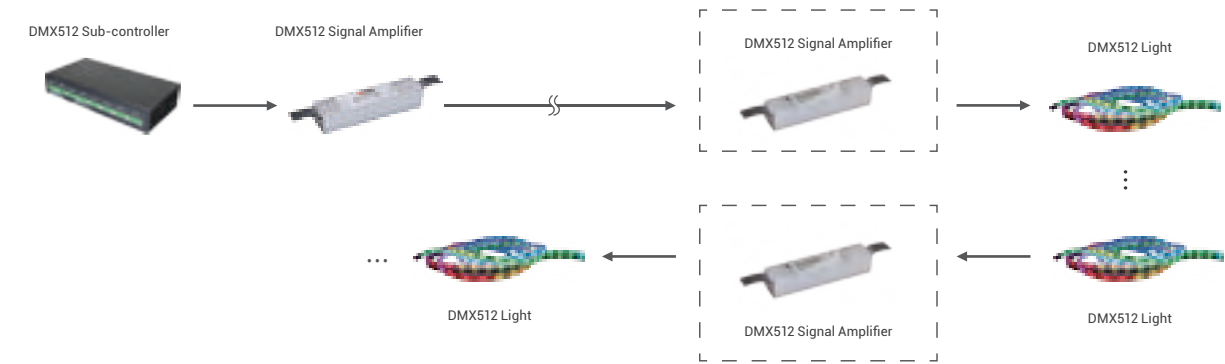
KSP-485RP-1



Size:mm

Product Features

- It solves the signal problems of lamp screen flicker and flashing in complex electromagnetic environment.
- It solves issue of long-distance signal transmission.
- General DMX512 standard/extension protocol.
- The number of channels is 4096.
- 5-48V wide range input voltage.
- 8/16 bits gray scale,communication rate up to 1000K.
- High anti-interference design.

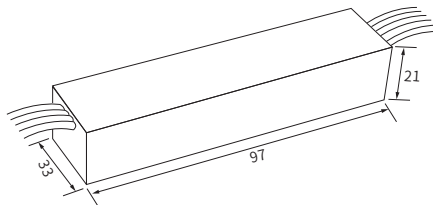


Parameter

Input signal	DMX512
Input voltage	DC5-48V
Output signal	DMX512
Product size (mm)	96×24×19

SPI SIGNAL AMPLIFIER

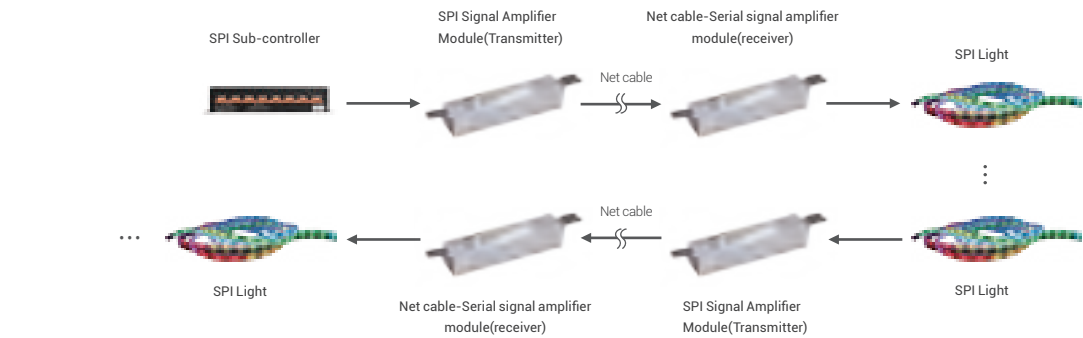
KSP-RS485-TTL-1 KSP-TTL-RS485-1



Size:mm

Product Features

- It solves the signal problems of lamp screen flicker and flashing in complex electromagnetic environment.
- It solves issue of long-distance signal transmission.
- General DMX512 standard/extension protocol.
- The number of channels is 4096.
- 5-48V wide range input voltage.
- 8/16 bits gray scale,communication rate up to 1000K.
- High anti-interference design.



Parameter

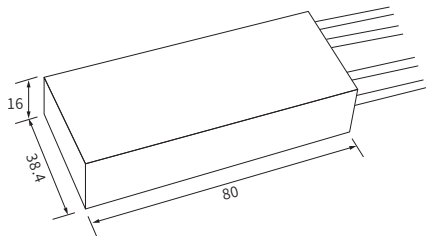
KSP-TTL-RS485-1

Input signal	SPI
Input voltage	DC 5-48V
Output signal	DMX512
Product size (mm)	97×23×19

KSP-TTL-RS485-1

Input signal	DMX512
Input voltage	DC 5-48V
Output signal	SPI
Product size (mm)	97×23×19

SURGE PROTECTION DEVICE



Size:mm

Product Features

- Powerful in protection, High anti-interference design.
- Optional AC power supply, DC power supply, RJ45, Ethernet, coaxial video cable, RS485 and other different interface lightning protection modules.
- Waterproof protection grade: IP65.
- Lightning protection device adopts full mode protection.
- Adopt UVT1 technology, with leakage and arbitrary interruption functions.
- Small size, optional L line, N line, PE line.

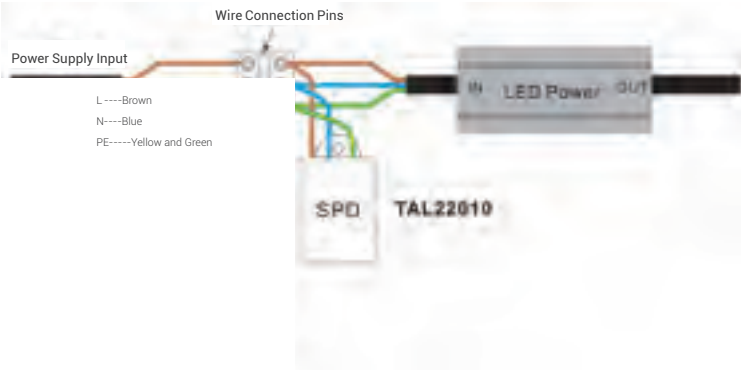
Applications

Lighting and communication protection applications in high-rise buildings, towers, outdoors, bridges etc.



Parameter

MODEL	Max Continuous Operating Voltage		Current Impulse (8/20us)		Voltage Protection Level		Open - circuit Voltage	External Over-current Prtection	Size
	Uc(Vac)	Ucpv(Vdc)	I _{max} (KA)	L-N/PE Up (KV)	N-PE Up (KV)	I _n (KA)	U _{oc}	(A)	(mm)
TP10D-060	60	85	5	10	<600	<600	10KA	10	38.4×80×16
TP10D-150	150	200	5	10	<750	<1600	10KA	10	38.4×80×16
TP10D-277	277	350	5	10	<960	<1800	10KA	10	38.4×80×16
TP10D-320	320	420	5	10	<1200	<2000	10KA	10	38.4×80×16
TP10D-347	420	560	5	10	<1800	<3500	10KA	10	38.4×80×16
TP10D-480	550	750	5	10	<2300	<4600	10KA	10	38.4×80×16
TP10DB-060	60	85	5	10	<600	<600	10KA	10	34.5×60×14
TP10DB-150	150	200	5	10	<750	<1600	10KA	10	34.5×60×14
TP10DB-277	277	350	5	10	<960	<1800	10KA	10	34.5×60×14
TP10DB-320	320	420	5	10	<1200	<2000	10KA	10	34.5×60×14
TP20D-060	60	85	10	20	<600	<600	20KA	10	38.4×80×16
TP20D-150	150	200	10	20	<750	<1600	20KA	10	38.4×80×16
TP20D-277	277	350	10	20	<960	<1800	20KA	10	38.4×80×16
TP20D-320	320	420	10	20	<1200	<2000	20KA	10	38.4×80×16
TP20D-347	420	560	10	20	<1800	<3500	20KA	10	38.4×80×16
TP20D-480	550	750	10	20	<2300	<4600	20KA	10	38.4×80×16
TAL22010	277	350	5	10	<960	<1800	10KA	10	38.4×80×16

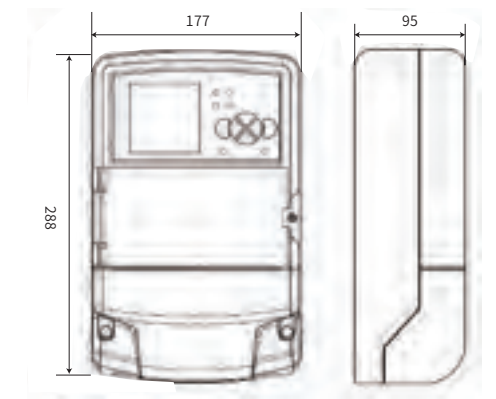


- After the lightning arrester wire is stripped, the exposed part needs to be tinned before terminal connection.
- If there is no terminal block, the lightning arrester is connected to the power supply line and the LED power line by welding. The welding point needs to be insulated.
- The lightning arrester can also be connected with the power supply input wire.

HEAVY CURRENT CONTROL

STRONG CURRENT CONTROL

YD-EC-QD01



Size:mm

AC Heavy Current Control Solution



Product Features

- Support remote operation on mobile phone and PC.
- Support custom grouping.
- Accurate energy consumption analysis.
- Access device offline alarm.

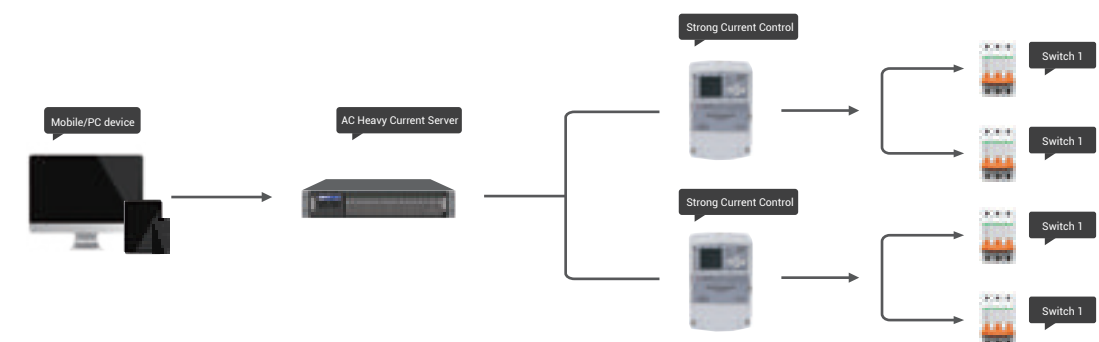
Product Function

- Remotely control the switch circuit of the project equipment to realize one-key opening and closing of the equipment, etc.
- Monitor energy consumption, current, voltage, switches and faults, and transmit data to the cloud platform via the network.

Product Application

- Can be used with software system.
- Support independent application solutions.

The Overall Structure of The Heavy Electric Control System



SWITCH EXTENDED MODULE



Size:mm

Product Features

- 96V-264VAC input voltage.
- 8 switch inputs (DI inputs) can detect 8 switch states.
- Optional mailing address: 2-255.
- Standard industrial control box installation method.
- 8 relay outputs (DO outputs), can control 8 circuits individually.

ELECTRICAL PARAMETER MEASUREMENT EXPANSION MODULE

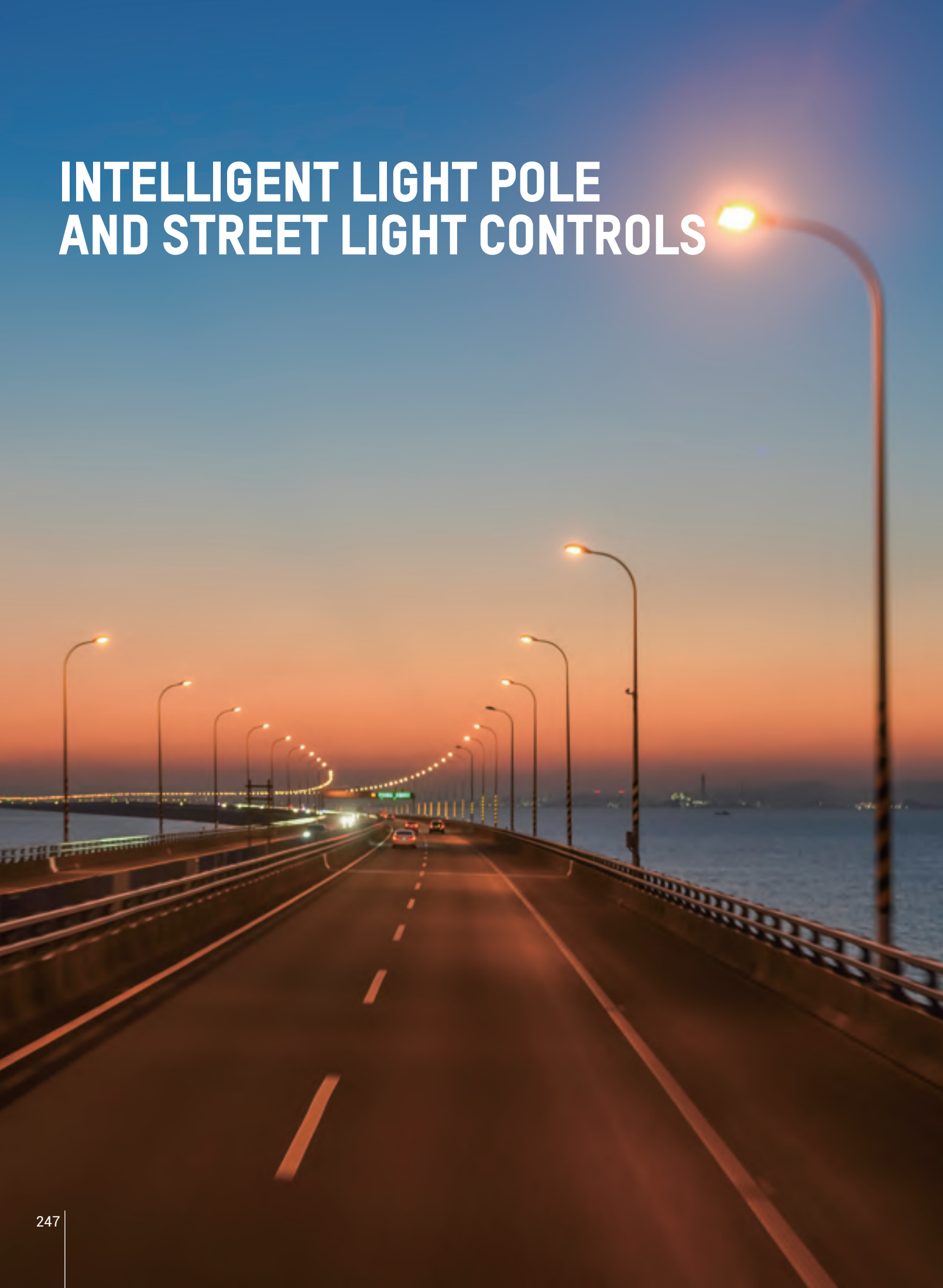


Size:mm

Product Features

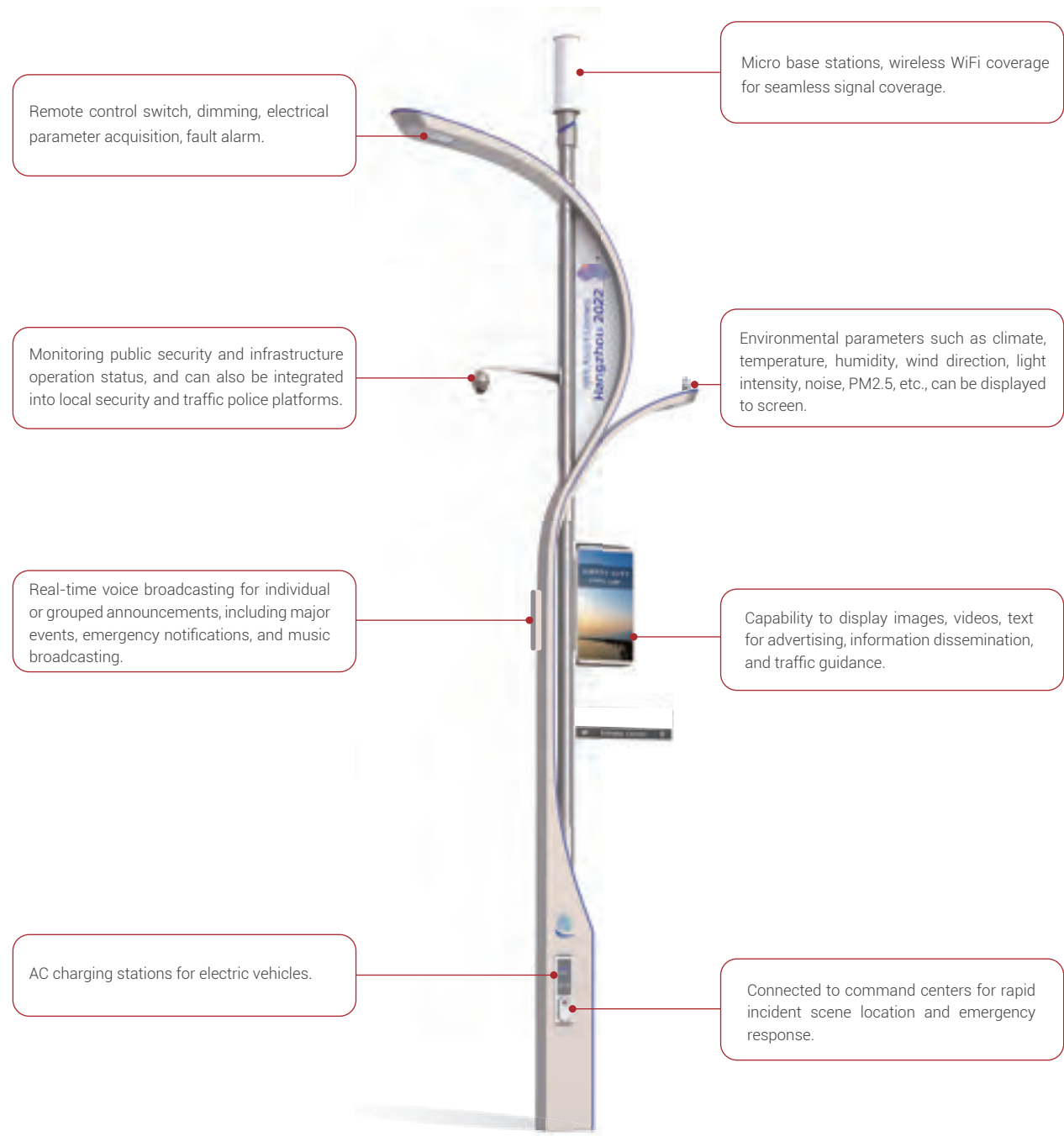
- 96V-264VAC input voltage.
- Three-phase AC voltage acquisition.
- Optional mailing address: 2-255.
- Six-channel AC current acquisition.
- Active power and reactive power statistics.
- RS-485 communication interface.
- Standard industrial control box installation method.

INTELLIGENT LIGHT POLE AND STREET LIGHT CONTROLS



INTELLIGENT LIGHT POLE

■ Intelligent Light Pole Function Design



Multi-business sharing platform, multi-business collaboration, scalable business expansion, configurable functionality

STREET LIGHT CONTROL

Components of Intelligent Light Pole

Street Light Function Equipment

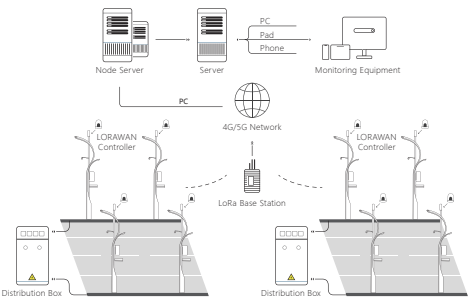


Expandable Variety of Sensor Devices



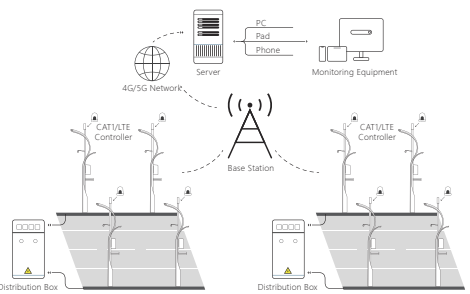
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Intelligent Light Pole Outlook Design



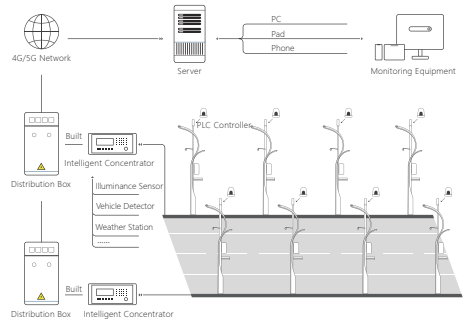
LORAWAN Control Solution

- Utilizes LORAWAN wireless communication, compliant with LORAWAN specifications.
- Supports remote control functionality.
- Enables remote reading of current, voltage, power, and power factor data.
- Allows remote accumulation and clearing of energy usage.
- Includes traditional gas discharge lamp fault detection capabilities.
- Supports proactive reporting of fault information.
- Easy installation, low cost.
- Wide coverage, low power consumption, high capacity, and high stability.



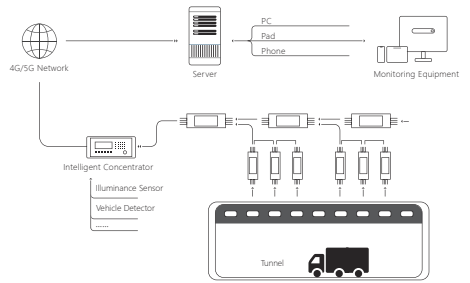
CAT1/LTE Control Solution

- Standard NEMA/Zhaga interface.
- LTE wireless communication method.
- Supports LTE FDD, LTE TDD, WCDMA, GSM standards.
- Supports DALI communication protocol specifications.
- Includes GPS positioning functionality.
- Capable of running scheduled tasks autonomously.
- Features daylight illuminance detection, enabling light control for on/off functionality based on light levels.



PCL Control Solution

- Carrier communication: point-to-point transmission distance ≥ 500 meters, terminal automatically relays after 2 kilometers.
- Central controller can manage ≥ 2000 terminals.
- Terminal controller can control $\leq 500W$ lighting devices such as sodium lamps, LED lamps, ceramic metal halide lamps.
- Terminal devices support PWM forward and 0-10V forward dimming modes; reverse mode can be configured.
- Uses existing cables for signal transmission, no additional control line needed.
- Implements control and alarm functions.
- Low investment, no need to consider additional line investments.
- Suitable for any line with existing cables.



RS485 Control Solution

- Uses RS485 communication method, with transmission distance extended beyond 3 kilometers via signal controllers.
- Each signal controller can support 50-80 terminal controllers, with total terminals ≥ 5000 .
- Terminal controllers can manage $\leq 500W$ lighting devices such as sodium lamps, LED lamps, ceramic metal halide lamps.
- Terminal devices support PWM forward and 0-10V forward dimming modes; reverse mode can be configured.
- Data transmission rate of 256kbps.
- Implements control/alarm/anti-interference functions.
- Suitable for environments requiring high communication speed and facing significant interference, such as real-time dimming in tunnels.

LED Street Light



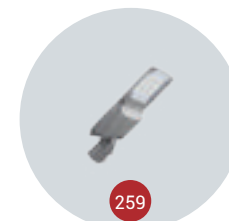
LDC-101



LDC-102



LDC-103



LDC-104

Product Features

The shell is made of high-strength die-cast aluminum, with a protection level of IP65, and an internal and external earthquake-resistant structure design, which effectively solves the vibration caused by Problems such as falling off the lamp beads and breaking the brackets. Selected high-light efficiency LEDs, paired with tempered optical glass, lamps with scale plates for easy adjustment of lighting irradiation angle to meet the needs; the overall heat dissipation performance is good, effectively maintains the stability of product components and improves product life.

Applications

Applicable to road lighting such as city main roads, secondary roads, branch roads, park roads, etc.

LDC-101

LED street light



Main Performance

- Selected high-light efficiency LEDs, paired with tempered optical glass, lamps with scale plates for easy adjustment of lighting irradiation angle to meet the needs.
- The overall heat dissipation performance is good, effectively maintains the stability of product components and improves product life.

Application Scene

Suitable for road lighting in residential areas, roads, squares, streets, and other areas.

Features

UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray :	48H
Anti-High And Low Temperature :	-40°C~+55°C
Protection level IEC:	Safety level I
Product Certification :	CE、 CB
Angle Category:	Type II, Type III, Type IV

LDC-101-A1

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Adaptable Environment
		220V (90~305Vac)	60W	W	ON/OFF	Suitable pole height: 4-5M Suitable pole spacing: 10-12M Illuminated road width: 1-2 lanes

LDC-101-A2

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Adaptable Environment
		220V (90~305Vac)	120W	W	ON/OFF	Suitable pole height: 5-6M Suitable pole spacing: 12-15M Illuminated road width: 1-2 lanes

LDC-101-A3

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Adaptable Environment
		220V (90~305Vac)	200W	W	ON/OFF	Suitable pole height: 10-12M Suitable pole spacing: 20-35M Illuminated road width: 2-4 lanes

LDC-102

LED street light



Main Performance

- It adopts high-brightness chips, which have long-lasting brightness, bright light and long lifespan.
- Tempered glass cover has high light transmittance and has explosion-proof and waterproof functions.
- Die-cast aluminum lamp body, waterproof and sun-proof, durable, oxidation-resistant and rust-free.

Application Scene

Suitable for road lighting in residential areas, roads, squares, streets, and other areas.

Features

UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C
Protection level IEC:	Safety level I
Product Certification :	CE、 CB
Angle category:	Type II, Type III, Type IV

LDC-102-A1

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Adaptable Environment
		220V (90~305Vac)	60W	W	ON/OFF	Suitable pole height: 4-5M Suitable pole spacing: 8-12M Illuminated road width: 1-2 lanes

LDC-102-A4

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Adaptable Environment
		220V (90~305Vac)	120W	W	ON/OFF	Suitable pole height: 6-8M Suitable pole spacing: 10-20M Illuminated road width: 1-2 lanes

LDC-102-A5

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Adaptable Environment
		220V (90~305Vac)	200W	W	ON/OFF	Suitable pole height: 10-12M Suitable pole spacing: 20-35M Illuminated road width: 2-3 lanes

LDC-103

LED street light



Main Performance

- Selected high-light efficiency integrated control wicks, high efficiency and energy saving, small light decay, brighter and more stable.
- Anti-rust upgraded stainless steel accessories to prevent rust and breaking after long-term use of the lamp.
- A variety of brightness and wattage options are available to suit different lighting ranges.

Application Scene

Suitable for lighting of urban main roads, secondary roads, branch roads, park roads and other roads.

Features

UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C
Protection level IEC:	Safety level I
Product Certification :	CE、 CB
Angle category:	Type II, Type III, Type IV

LDC-103-A1

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Adaptable Environment
		220V (90~305Vac)	100W	W	ON/OFF	Suitable pole height: 5-6M Suitable pole spacing: 8-15M Illuminated road width: 1-2 lanes

LDC-103-A3

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Adaptable Environment
		220V (90~305Vac)	200W	W	ON/OFF	Suitable pole height: 10-12M Suitable pole spacing: 20-35M Illuminated road width: 2-3 lanes

LDC-103-A5

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Adaptable Environment
		220V (90~305Vac)	300W	W	ON/OFF	Suitable pole height: > 12M Suitable pole spacing: 20-35M Illuminated road width: 2-4 lanes

LDC-104

LED street light



Main Performance

- It adopts thickened die-cast aluminum lamp head, IP68 waterproof and dust-proof grade, Can be used for a long time in harsh outdoor environments .
- High heat dissipation aluminum alloy shell reduces light decay and makes it difficult to deform, ensuring the service life of the lamp beads.
- High-density tempered glass mask is explosion-proof, waterproof and wear-resistant, effectively protecting the interior of the lamp.

Application Scene

Suitable for road lighting in residential areas, roads, squares, streets, and other areas.

Features

UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)
Neutral Salt Spray:	48H
Anti-High And Low Temperature:	-40°C~+55°C
Protection level IEC:	Safety level I
Product Certification :	CE、 CB
Angle category:	Type II, Type III, Type IV

LDC-104-A1

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Adaptable Environment
		220V (90~305Vac)	60W	W	ON/OFF	Suitable pole height: 4-5M Suitable pole spacing: 8-10M Illuminated road width: 1-2 lanes
		220V (90~305Vac)	100W	W	ON/OFF	Suitable pole height: 5-6M Suitable pole spacing: 10-15M Illuminated road width: 1-3 lanes

LDC-104-A3

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Adaptable Environment
		220V (90~305Vac)	200W	W	ON/OFF	Suitable pole height: 10-12M Suitable pole spacing: 20-35M Illuminated road width: 2-3 lanes

LDC-104-A4

Product Photo	Size (mm)	Voltage	Power	LED Color	Control Method	Adaptable Environment
		220V (90~305Vac)	300W	W	ON/OFF	Suitable pole height: >12M Suitable pole spacing: 20-35M Illuminated road width: 2-3 lanes

SAIGON INTERNATIONAL FINANCE CENTRE (IFC) VIETNAM



48V Ultra-Long-Distance Power Supply Technology
and Super Master Control

Applied to Super-Tall Landmark Building
in Ho Chi Minh City, Vietnam

PRINCE ABDULLAH AL-FAISAL SPORTS CITY, SAUDI ARABIA

YD was selected as the exclusive supplier of lighting construction project for Prince Abdullah Al Faisal Stadium in Saudi Arabia, creating a large screen of 8,000 square meters for the project. This is due to YD's previous outstanding performance in various landscape projects in Saudi Arabia and the success of King Abdulaziz Sports Center.



ROYAL KPN TELECOM HEADQUARTERS BUILDING ROTTERDAM, NETHERLANDS

Royal KPN N.V. is the largest mobile and fixed network operator and it's also a landmark project in the Netherlands.

YD LED products achieve soft lighting through the installation design embedded in its facade node structure, and provide customers with technical solutions for long-distance signal transmission based on its special node structure. Five years after the project was completed, YD products have zero defects, which is the best model project for YD to enter the European market.



HILTON HOTEL, TASHKENT, **UZBEKISTAN**

The hotel is a landmark building in downtown Tashkent. Directly opposite is the office building of the Prime Minister of Uzbekistan. The lights of the building complement the fountain square next to it, which is very spectacular.





2013 MARTIN PLACE CHRISTMAS LIGHT SHOW, SYDNEY, AUSTRALIA

On November 28, 2013, Sydney Mayor Moore personally lit up the 21-meter-high Christmas lights in St. Martin Square, marking the beginning of the 2013 Christmas light show. The Christmas tree lights used high-tech LED products provided by YD Lighting, combined with a computer control system, to achieve 3D dynamic lighting effects, igniting the passion of the audience and pushing the atmosphere to a climax. The light show was a huge success and was broadcast live on Australian News Channel 7.



PING AN FINANCE CENTER SKYSCRAPER LIGHTING, SHENZHEN

Shenzhen Ping An Financial Centre is the tallest building in Shenzhen and the second tallest building in China. It is 600 meters high, and the upper part of the building reaches the sky. The lamps must withstand the erosion of harsh conditions such as high-altitude water vapor, lightning, strong convection, and temperature difference between day and night.

YD LED point light source is selected by owners, designers, engineering companies and experts from all parties for lighting upgrades and renovations due to its superior performance. After the renovation, it has withstood the test in terms of effect, low maintenance, centralized control, etc. I believe that for a long time in the future, YD's high-quality products and advanced technology will provide beautiful enjoyment to the people of Shenzhen, the people of the country, and even the people of the world in the top of Shenzhen!



HAINING AVENUE, JIAXING

Using YD Intelligent Lighting Management Cloud Platform,
a million-level lighting project.



TIMES SQUARE MULTIMEDIA LIGHT SHOW (AVL INTEGRATION), **SHANTOU**

The project adopts YD Internet intelligent control system, combined with YD double protection LED point light source, to transform the 18 buildings around the square into a huge architectural media lighting in eastern Guangdong and even the entire Guangdong region. Its projection mode combining sound, light and electricity is the first of its kind in the province.



Scan the QR code via WeChat for details

KUIPU BRIDGE, FUZHOU

The lighting design of Fuzhou Kuipu Bridge indicates "light of fortune, light of painting" as the theme. YD high-quality lamps and lanterns cooperate with intelligent control system to present various pictures, which is an important window for Fuzhou city publicity.



ASIAN GAMES FLORAL THEME PARK LIGHTING

HANGZHOU



The Asian Flower Theme Park is the first flower theme park in Hangzhou built with the Asian Games as an opportunity. It will become a landmark Asian Games check-in point adjacent to the main venue of the Asian Games. The project uses YD IP68 uniform light-emitting flexible strip lights and 3D printed bamboo lights, which are installed on the layered edges of the pool and the edges of the meadow flower beds, outlining a light and shadow version of "Monet's Garden".

BEILUN PHOENIX MOUNTAIN PARK, NINGBO



Ningbo's night scene adds a new look! YD uses IP68 uniform effects flexible strip lights and underwater lights to create a healthy and comfortable night rest space for Ningbo Beilun Central Park, creating a pleasant night experience for citizens!



YELLOW RIVER GRAND CANYON TOURISM LIGHTING, **INNER MONGOLIA**

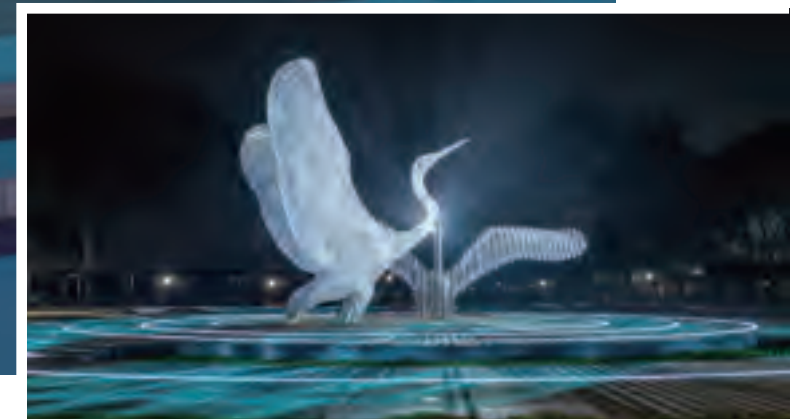
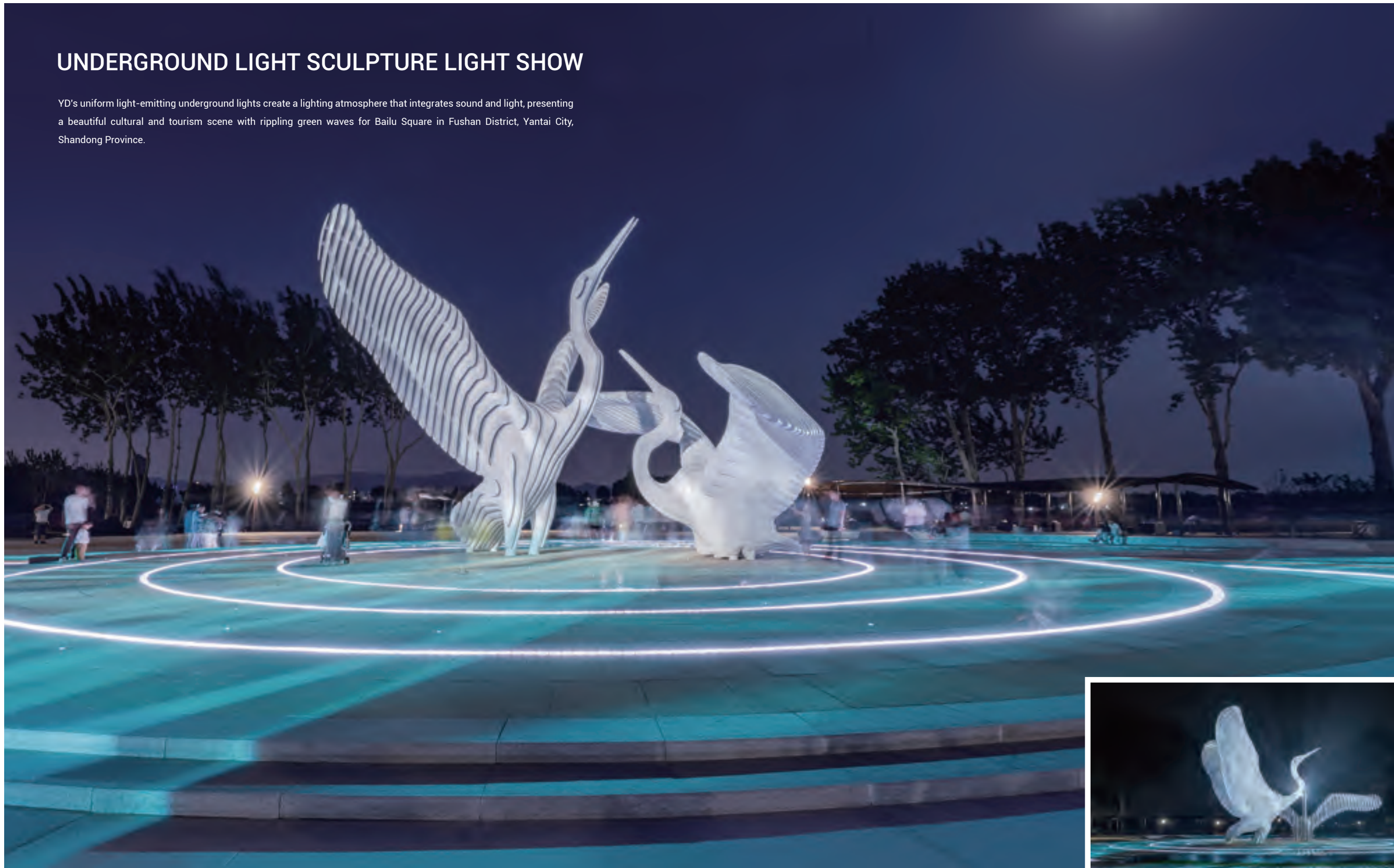
Zhungeer Yellow River Grand Canyon is a national AAAA-level scenic spot and one of the ten most beautiful canyons in China. The scenic spot uses YD IP68 flexible strip lights to outline buildings, glass waterslides, suspended glass observation deck viewing platform and other attractions, adding a touch of dreamy light and shadow to this land. Let the uncanny workmanship of nature and the ingenuity of humanity complement each other and jointly interpret a magnificent picture.



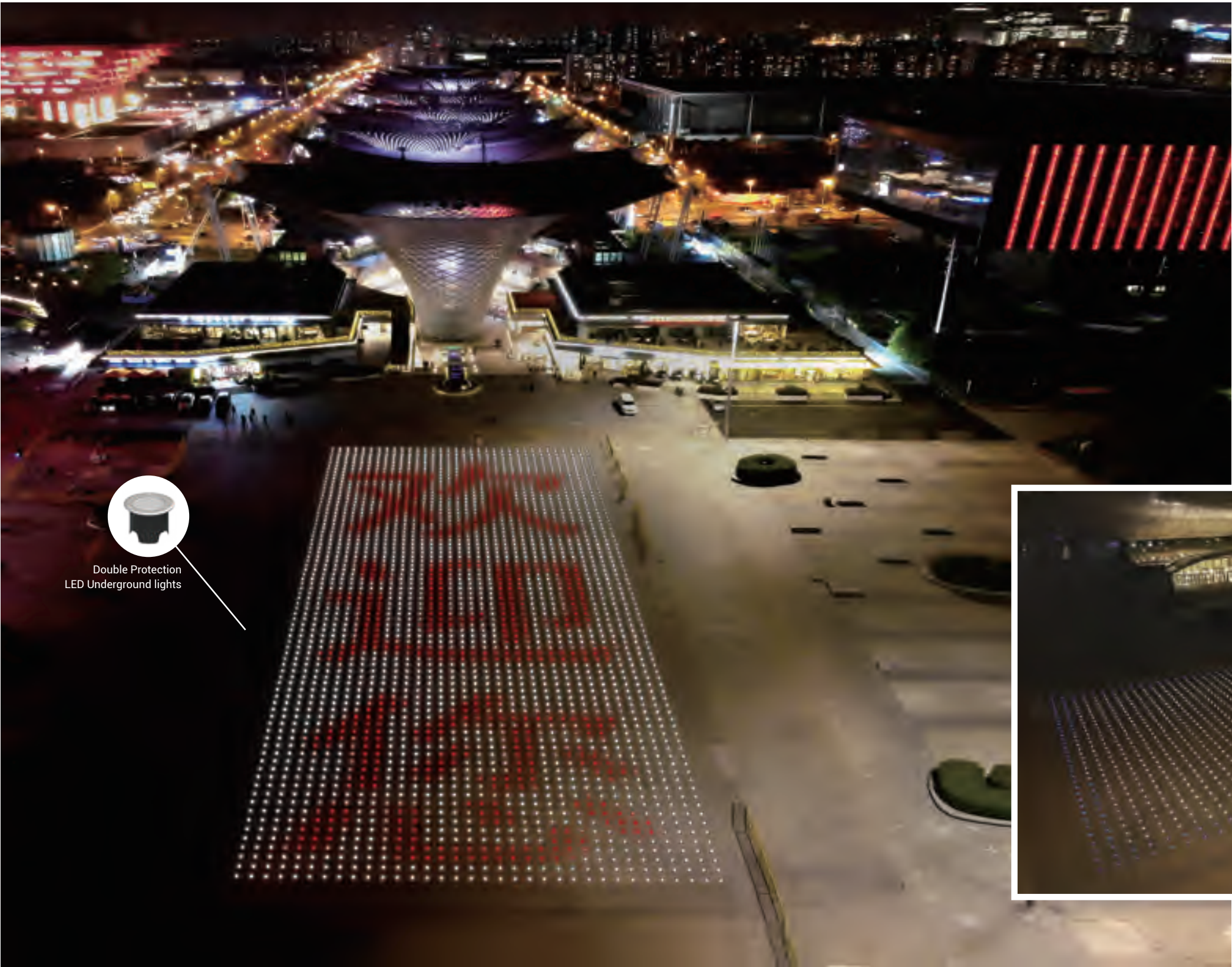
YANTAI EGRET PLAZA UNDERGROUND LIGHT SCULPTURE, SHANDONG

UNDERGROUND LIGHT SCULPTURE LIGHT SHOW

YD's uniform light-emitting underground lights create a lighting atmosphere that integrates sound and light, presenting a beautiful cultural and tourism scene with rippling green waves for Bailu Square in Fushan District, Yantai City, Shandong Province.



WORLD EXPO CELEBRATION SQUARE, SHANGHAI



The LED underground light project of the Shanghai World Expo Celebration Square is one of the landscape lighting projects of the CIIE. The square combines LED underground lights with LED fountain lights, and the lamps need to withstand harsh environments such as humidity and pressure.

The life of LED underground light has always been a world level challenge faced by the lighting industry, especially the life span of controlled LED underground lights is more difficult to guarantee. YD has overcome this problem with advanced protection technology.

It has been 6 years since the project was completed in 2018. At present, the entire lighting and control system is still running very stably, which is a classic LED underground lighting project with a control system.



TIMES SQUARE INTERACTIVE FLOOR DISPLAY

SHANTOU



INTERACTIVE LED UNDERGROUND SCREEN PROJECT

In order to increase the interactivity of the Times Square light show, a 300-square-meter LED interactive platform was set up in the central square.

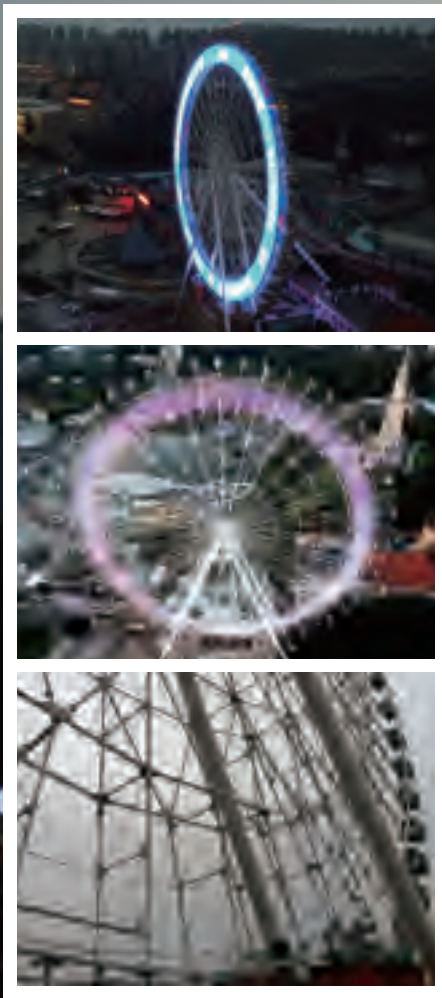
Using YD double protection LED point light sources and YD somatosensory interactive control systems, the lights change interactively as people walk on the platform, and can also change different animation scenes independently.



WINDOW OF THE WORLD FERRIS WHEEL LIGHTING

CHANGSHA

Adopting YD interactive induction control system, as the ferris wheel rotates, the animation displayed on the LED advertising screen remains in the program set position, and the program screen will not be offset due to the rotation of the ferris wheel.



LIUYANG TRI-CULTURAL COMPLEX LIGHTING, **HUNAN**

New landmark, new look, YD's window lamps light up the "three museums" in Liuyang.

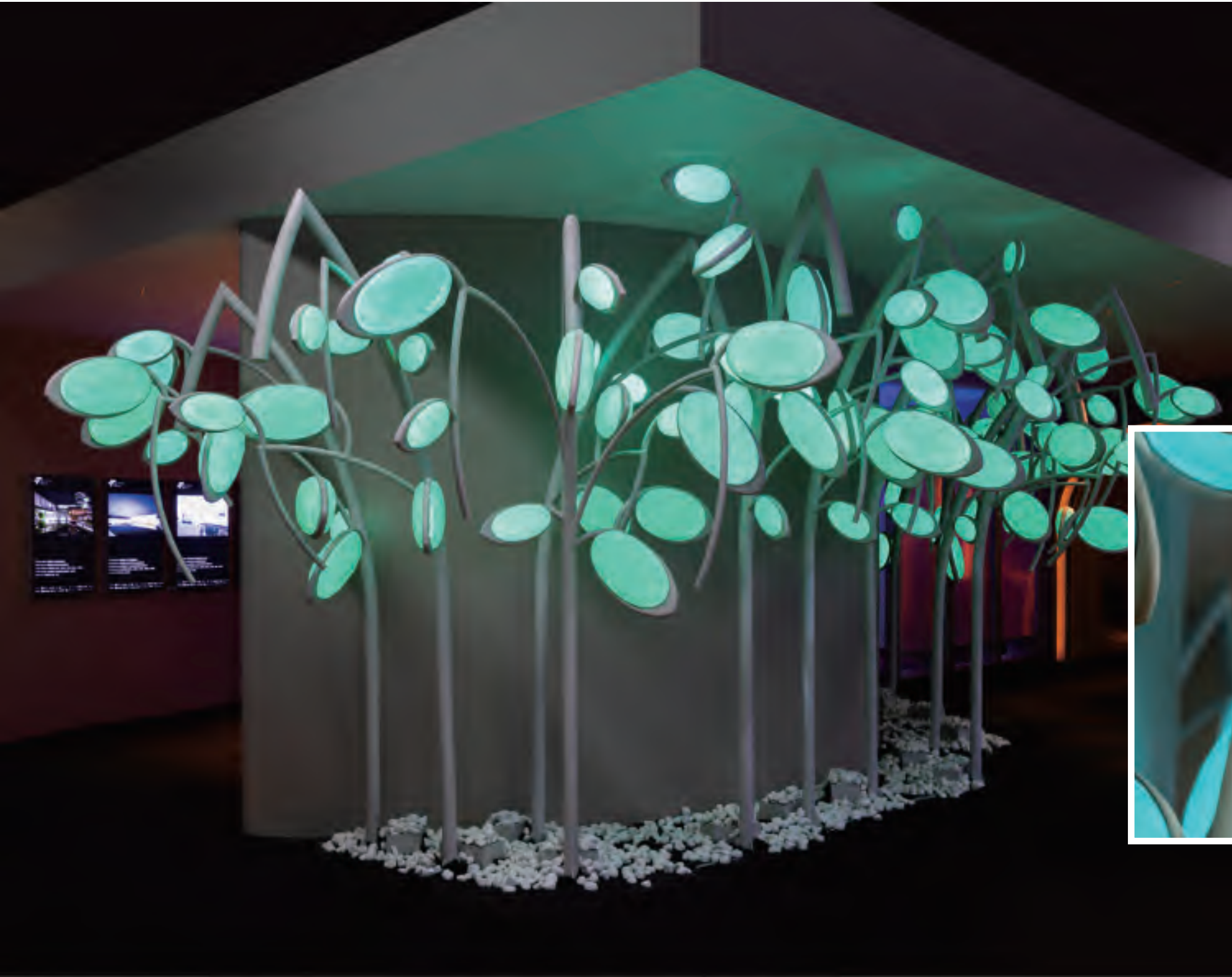


"PURE RING" INTERACTIVE LIGHT ART (GOLD AWARD), SHENZHEN

This interactive sensor lighting and sound installation "Pure Circle Ring" uses the YD interactive control system to interact with the audience. It cleverly sets the probability of two seats randomly appearing red lights, aiming to encourage strangers in the vast city to gather together and form friendships because of light. With its outstanding creativity and interesting interactions, it finally won the gold award of the Shenzhen Light and Shadow Art Festival!



"TIME & LIGHT" 3D-PRINTED ART INSTALLATION



The 3D printing "Time.Light" art installation is inspired by "Blooming Apple Tree". In order to display natural symbols, light and shadow in a more three-dimensional way, the installation uses YD's flame-retardant V-0, UV-resistant, and long-term outdoor MMLA 3D printing polymer alloy consumables to customize a 3D printed fluorescent box. It has a built-in YD IP68 flexible strip lights that can evenly light and bend and shape at will, allowing visitors to immerse themselves in the wonderful combination of 3D printing technology and lighting technology.



WENSAN ROAD 3D-PRINTED STREET TREE LIGHTING, **HANGZHOU**

CLASSIC CASES

20



This project is the first large-scale use of 3D printing technology in China for street tree lighting. Nearly thousand sets of YD's 3D printed lamps are used to showcase the digital core of the Wensan Block, with no repetition of related digital elements and patterns.



WORLD CITY PLAZA 3D-PRINTED RGB LUMINAIRES, WUHAN



Wuhan World City Plaza is the flagship project in the Optics Valley area of Wuhan. This project combines advanced 3D printing technology with flexible LED strip lights. The building's exterior curtain wall extensively uses 3D printed Colored panel light. During the day, they are part of the curtain wall, and at night, they transform into luminous lamps, solving the problems of traditional craftsmanship and creating a high-quality lighting experience.



The Palace,Doha,Qatar



The "Water Drop Light Sculpture" at the 2025 Sydney Festival of Lights. «Lumina Dream»



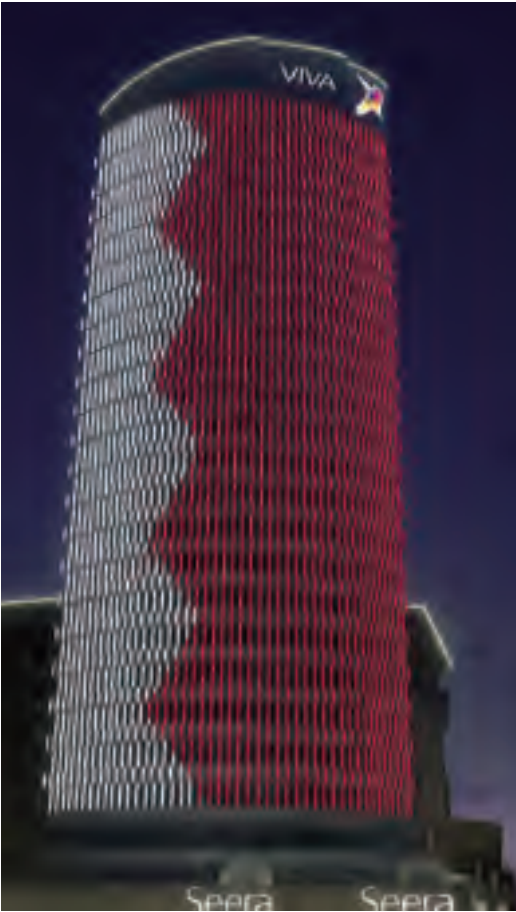
Darul Hana Bridge, Malaysia



Footbridge, Abu Dhabi, UAE



STC Building, Bahrain



Wyndham Hotels, United Arab Emirates



Forte Bank lighting, Kazakhstan



Petroleum Headquarters Building, Kuwait



Takhassusi office hub, KSA, Saudi Arabia



Cairo Bridge, Egypt



New Hualian Paradise, Xining



Global Store, Bahrain



Huawei fingerprint sculpture, Jiangxi



Durgam Cheruvu Bridge Hyderabad, India



Muong Thanh Ha Long Hotel, Vietnam



Wanda Plaza, Pengjiang District, Jiangmen, Guangdong



Shanmen Town Waterfront Lighting, Wenzhou



Hetou Ferris Wheel Lighting, Tangshan



Taihu Science and Technology City (T1), Huzhou



Luban Decoration Town, Shandong



Xiangtan Huxiang Park Jinqiao, Hunan



Building of Bank of Communications Branch, Fujian



Tangshan Yan Hotel, Hebei



Olympic Sports Center, Jinan, Shandong



Three Tube Center, Changle, Fuzhou



Taihu Lack Science and Technology City (T2), Huzhou



Hangzhou Xinhai Semiconductor Technology Co., LTD



Zhongdu Ancient Town, Guangxi



Wachang Hotel "All things weave spirits" light art exhibition, Beijing



Haihe River shoreline upgrading project, Tianjin



Juguo Ancient Town, Shandong



North One Center, Shanghai



Yuhu Park, Liangzhu, Hangzhou



Future Science and Technology City, Hangzhou



Derui lane in Cixi, Ningbo



Milan Outlets Town, Dongying, Shandong



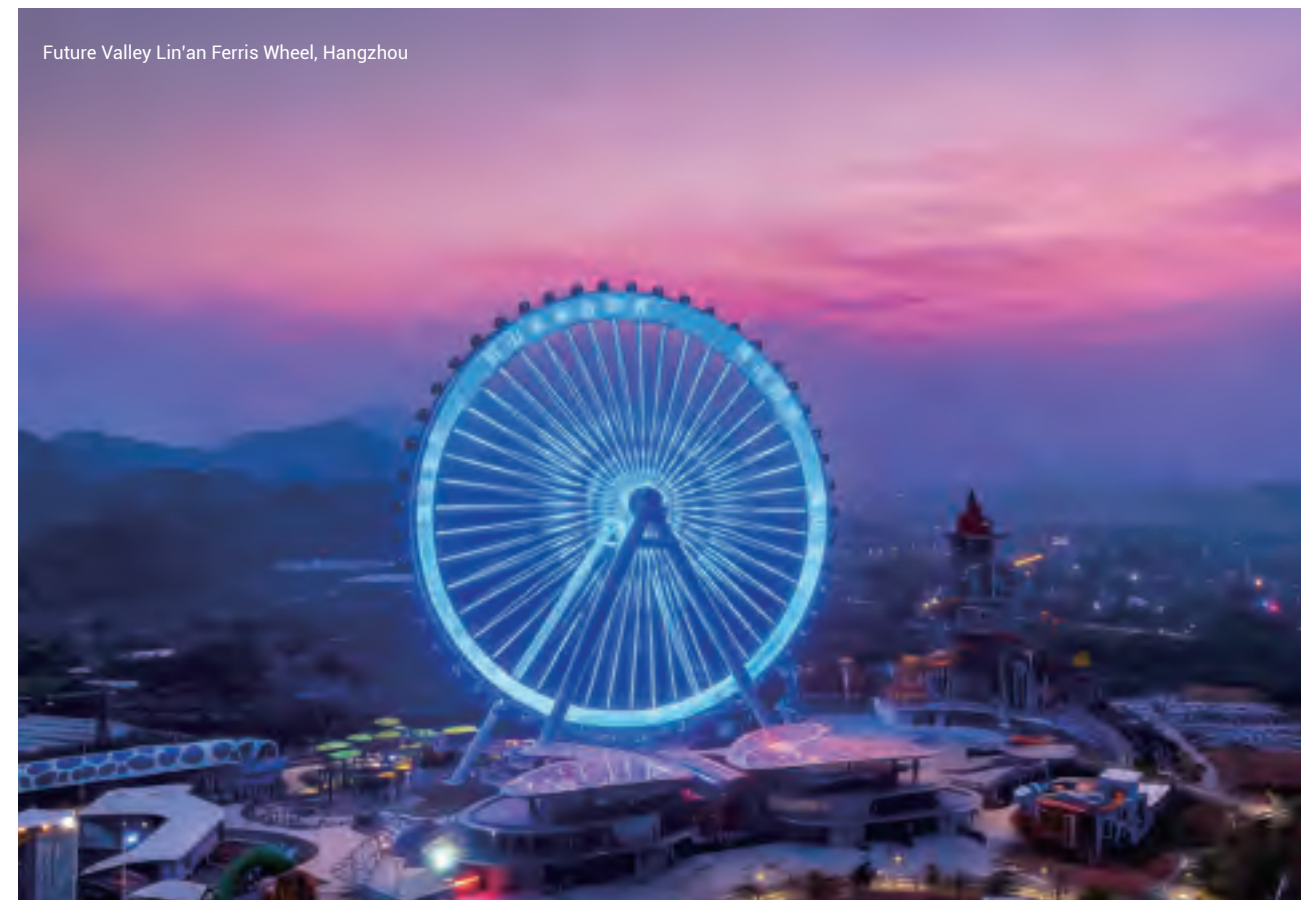
Rubber Dam Landscape Enhancement Project, Fuding, Fujian



Pu'an Cloud Tide, Shanghai



Future Valley Lin'an Ferris Wheel, Hangzhou





PRODUCTS CATALOGUE

YD Official Website: www.ydlighting.com



YD YouTube



YD Official Website

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