

QUALITY BUILDS YD,
SINCERITY NEVER CHANGES

———— Since 1984 ————

YD[®] ILLUMINATION
Hangzhou YD Illumination Co., Ltd

YD focuses on the research and development of urban lighting solutions and smart lighting products. YD does not undertake engineering projects, but provides customers with lighting products, in-depth design and technical services. The real-life engineering cases shown in this booklet all use lighting products produced by YD.

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E-mail: ydexport@ydlighting.com

2026 2st edition



YouTube
@YD ILLUMINATION

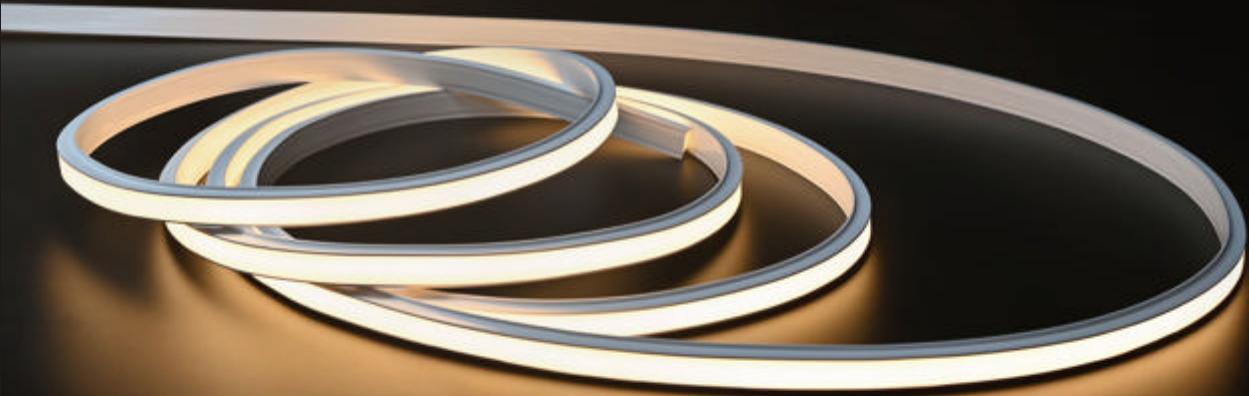


Website
ydlighting.com

YD[®] ILLUMINATION

Flexible LED Strip Light

| Protection Grade IP68 | | Flame Retardant Grade V-0 | | Anti-UV |
| Salt Spray | | Anti-High and Low Temperature | | Impact Resistance IK10 |



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.

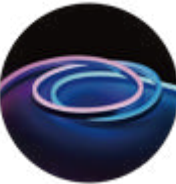


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Double Protection FLEXIBLE LED STRIP LIGHT SERIES

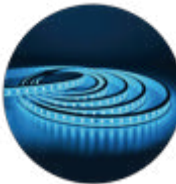
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DOUBLE PROTECTION

Flexible LED Strip Light

Suitable for indoor, outdoor, underground, and underwater(seawater) a long time usage.



- ◎ Uniform lighting effect, Folding resistance, Anti-glare
- ◎ High mechanical strength, Can be shaped arbitrarily
- ◎ No dark area after splicing
- ◎ Support dimmable

Flexible LED Strip Light Features

Utilizes fully independent intellectual property rights with modified Macromolecule Alloy material and double Protection Technology.

Protection Grade IP68

| Suitable for outdoor a long time usage |



Flame Retardant Grade V-0

| Self-extinguishing, safe and reliable |



Anti UV

| Lifespan 50000 hours |



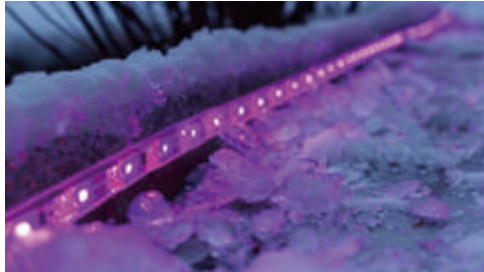
Salt Spray

| Long time use in rivers and seas |



Anti-High and Low Temperature

| Can be used in extreme weather conditions |



Impact Resistance IK10

| High mechanical strength |

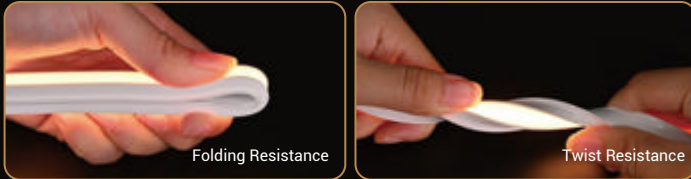


[Double Protection Flexible LED Strip Light]

Milky Soft LED Strip Light



Uniform lighting effect Folding resistance
Close View Lighting



Main Performance

Uniform light、Soft and Silky
Ultra-thin and Ultra-narrow、Efficient Heat Dissipation

Application

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.



Jiaozi Footbridge Lighting,Chengdu

YD-RT14W (YB) YD-RT18W (YB1)

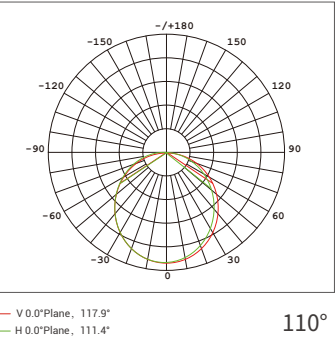
Double Protection Milky Soft LED Strip Light



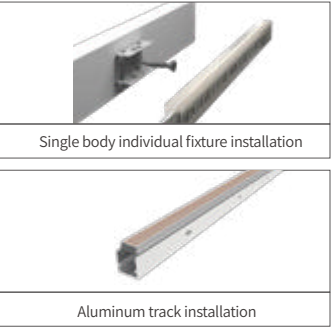
Features

Protection Grade:	IP68	Neutral Salt Spray:	48H
Flame Retardant Grade:	V-0	Anti-High And Low Temperature:	-40°C~+55°C -40°F~+131°F
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)		
IK Grade:	IK10	Average Lifespan:	50000 Hours
		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	Pixel/m	Control Method	Beam Angle
		DC24V	10W/m	W	3000K	8	SPI	110°
		DC24V	10W/m	RGB	/	8	SPI	110°

[Double Protection Flexible LED Strip Light]

Three-Sided Uniform Flexible LED Strip Light



The light is uniform and soft, It can be long-term used near people

◎ Main Performance

Three-sided lighting design、Uniform light and anti-glare
The lamp body is flexible and can be shaped arbitrarily.



Flat-Cut Illuminated Tip



No Dark Area in Splicing

◎ Application

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.



Landscape Enhancement Around the Olympic Sports Complex

YD-RT13W (YB1)

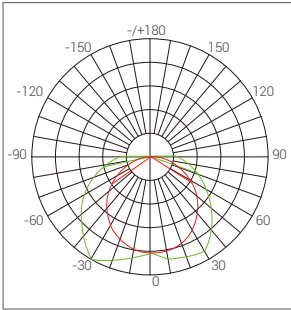
Double Protection Three-Sided Uniform Flexible LED Strip Light



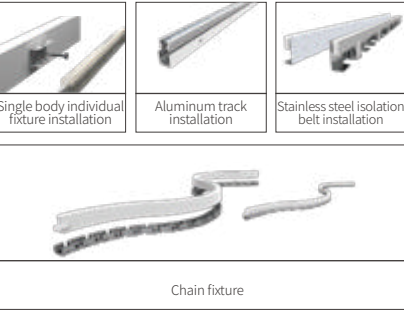
Features

Protection Grade:	IP68	Neutral Salt Spray:	48H
Flame Retardant Grade:	V-0	Anti-High And Low Temperature:	-40°C~+55°C -40°F~+131°F
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)	Average Lifespan:	50000 Hours
IK Grade:	IK10	Product Certification :	CE、 FCC、 BIS

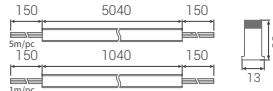
Luminosity Distribution



Installation Method



YD-RT13W (YB1)

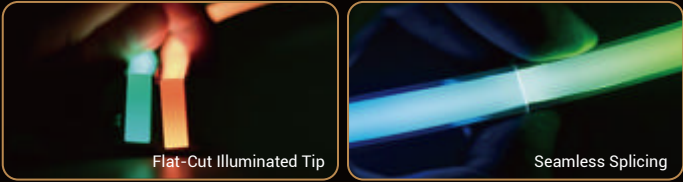
Product Photo	Size (mm)	Voltage	Power	LED Color	CCT	Pixel/m	Control Method	Beam Angle
 		DC24V	10W/m	W	3000K	/	ON/OFF	110°*180°
		DC24V	12W/m	W	3000K	/	ON/OFF	110°*180°
		DC24V	14W/m	RGB	/	10	SPI	110°*180°

[Double Protection Flexible LED Strip Light]

Flat Uniform Flexible LED Strip Light



The light is even and soft, without any visible particles, and the direct light source is not dazzling even when viewed up close.

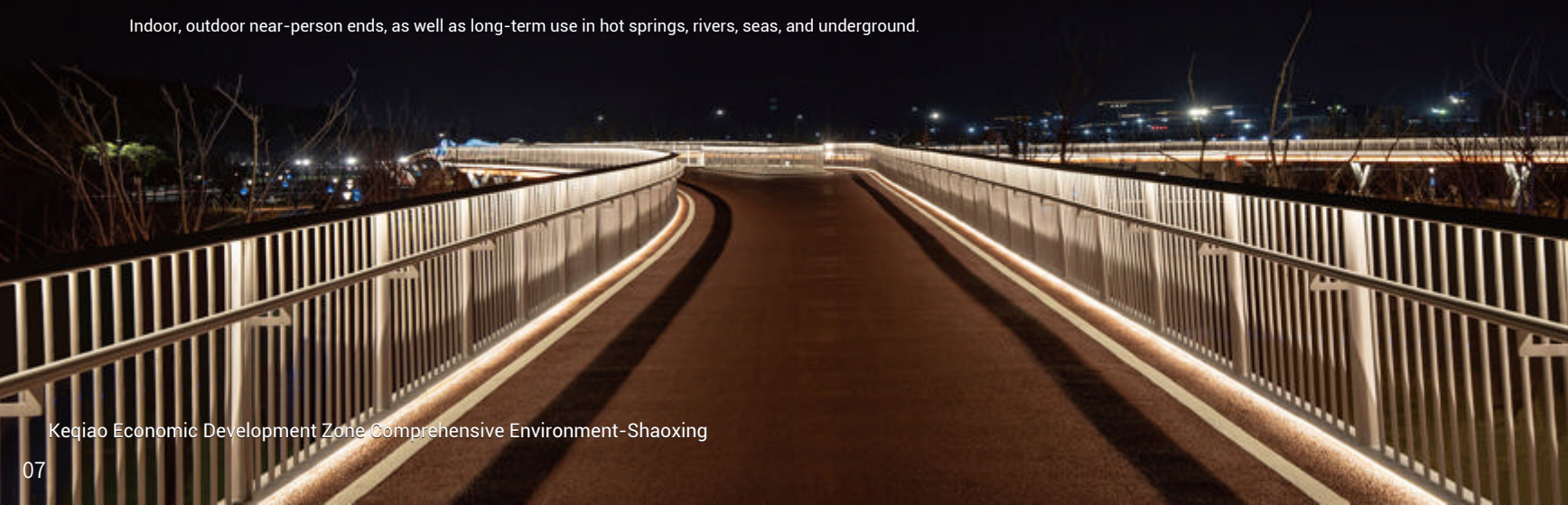


Main Performance

Integrated molding technology is used to prevent water vapor intrusion.

Application

Indoor, outdoor near-person ends, as well as long-term use in hot springs, rivers, seas, and underground.



Keqiao Economic Development Zone Comprehensive Environment-Shaoxing

YD-RT13W (YB) YD-RT18W (YB) YD-RT18W (YB2)

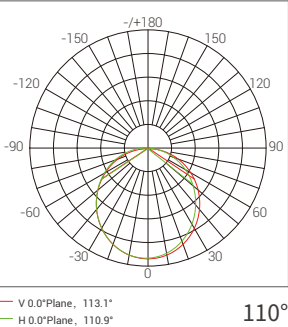
Double Protection Flat Uniform Flexible LED Strip Light



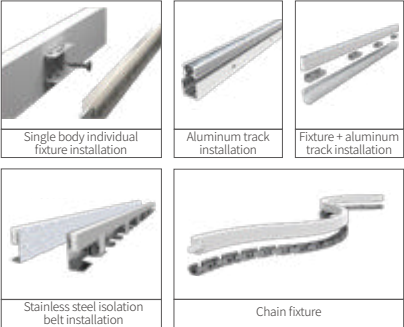
Features

Protection Grade:	IP68	Neutral Salt Spray:	48H
Flame Retardant Grade:	V-0	Anti-High And Low Temperature:	-40°C~+55°C -40°F~+131°F
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)	Average Lifespan:	50000 Hours
IK Grade:	IK10	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°

[Double Protection Flexible LED Strip Light]

COB Uniform Flexible LED Strip Light



Uniform light emitting without glare, high brightness, 180° light emitting



Main Performance

Supports wide range of brightness adjustment, can replace linear lights, wall washers and indoor main lighting , 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

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.

Ningde Overseas Chinese Building



YD-RT16W (YB)

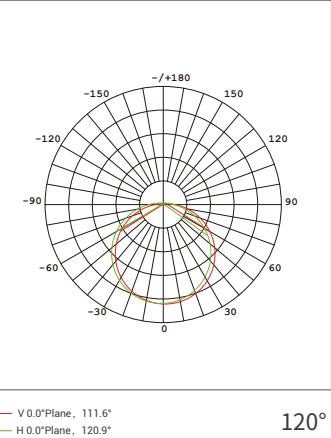
Double Protection COB Uniform Flexible LED Strip Light



Features

Protection Grade:	IP68	Neutral Salt Spray:	48H
Flame Retardant Grade:	V-0	Anti-High And Low Temperature:	-40°C~+55°C -40°F~+131°F
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)	Average Lifespan:	50000 Hours
IK Grade:	IK10	Product Certification :	CE、 FCC、 BIS

Luminosity Distribution



Installation Method



YD-RT16W (YB)

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

[Double Protection Flexible LED Strip Light]

High Brightness Flexible LED Strip Light



High light efficiency and wide illumination range



Main Performance

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

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.



Future Science and Technology City (Phase II)

YD-RT18W (YA)

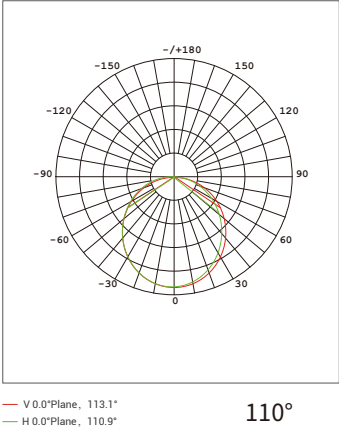
Double Protection High Brightness Flexible LED Strip Light



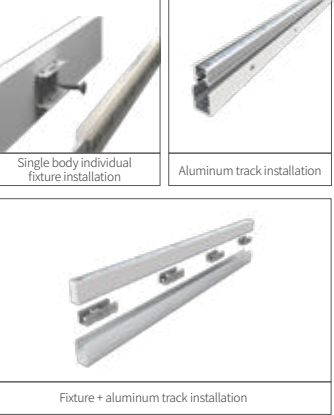
Features

Protection Grade:	IP68	Neutral Salt Spray:	48H
Flame Retardant Grade:	V-0	Anti-High And Low Temperature:	-40°C~+55°C -40°F~+131°F
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014.)	Average Lifespan:	50000 Hours
IK Grade:	IK10	Product Certification :	CE、 FCC、 BIS

Luminosity Distribution



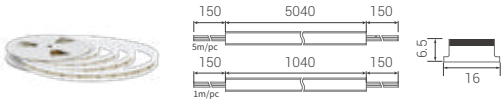
Installation Method



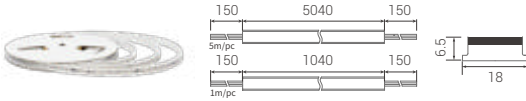
YD-RT18W (YA)

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	Pixel/m	Control Method	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	8	SPI	110°
		DC24V	10W/m	W	3000K	6	SPI	110°
		DC24V	7.5W/m	W	3000K	8	SPI	110°
		DC24V	12W/m	W+W	3000K+6500K	8	SPI	110°
		DC24V	7.5W/m	W+W	3000K+6500K	8	SPI	110°

YD-RT18W (YA1)

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

[Double Protection Flexible LED Strip Light]

Flexible LED Strip Light with Lens



Built-in professional lens, high brightness, long projection distance

Main Performance

The lamp body is flexible and can be shaped arbitrarily
Support access to various interactive control systems



With Lens

Application

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.

East Lake Park in Lushan

YD-RT18W (YA2)

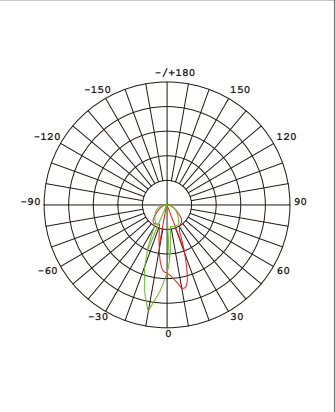
Double Protection Flexible LED Strip Light with Lens



Features

Protection Grade:	IP68	Neutral Salt Spray:	48H
Flame Retardant Grade:	V-0	Anti-High And Low Temperature:	-40°C~+55°C -40°F~+131°F
UV Grade:	Surface shows no apparent changes (GB/T 16422.3-2014)	Average Lifespan:	50000 Hours
IK Grade:	IK10	Product Certification :	CE、FCC、BIS

Luminosity Distribution



Installation Method



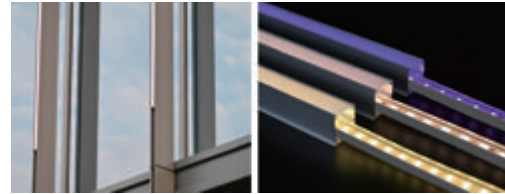
YD-RT18W (YA2)

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°

APPLICATION OF FLEXIBLE LED STRIP LIGHT

[Double Protection Flexible LED Strip Light]

Media Screen Application



Judao Center in Changshu, Jiangsu



Zhejiang Huanlian Grand Hotel



Hangzhou Xixi Incity Plaza



Cainiao Global Headquarters Building



Flexible LED Strip Screen for Luxury Residential Facade

APPLICATION OF FLEXIBLE LED STRIP LIGHT

[Double Protection Flexible LED Strip Light]

Architecture Wall Washing Application



Milan Outlets Town in Dongying



Hangzhou Hubin International Shopping Street



Keqiao Development Zone, Shaoxing



Staircase on Shuguang Road, Hangzhou



Zhejiang Zhoushan Haizhou Tiandi · Chashan Pashui Street

APPLICATION OF FLEXIBLE LED STRIP LIGHT

[Double Protection Flexible LED Strip Light]

Architecture Line Application



APPLICATION OF FLEXIBLE LED STRIP LIGHT

[Double Protection Flexible LED Strip Light]

Underwater and Underground Application



Night Cruise on Wenxiang Lake in Taishun



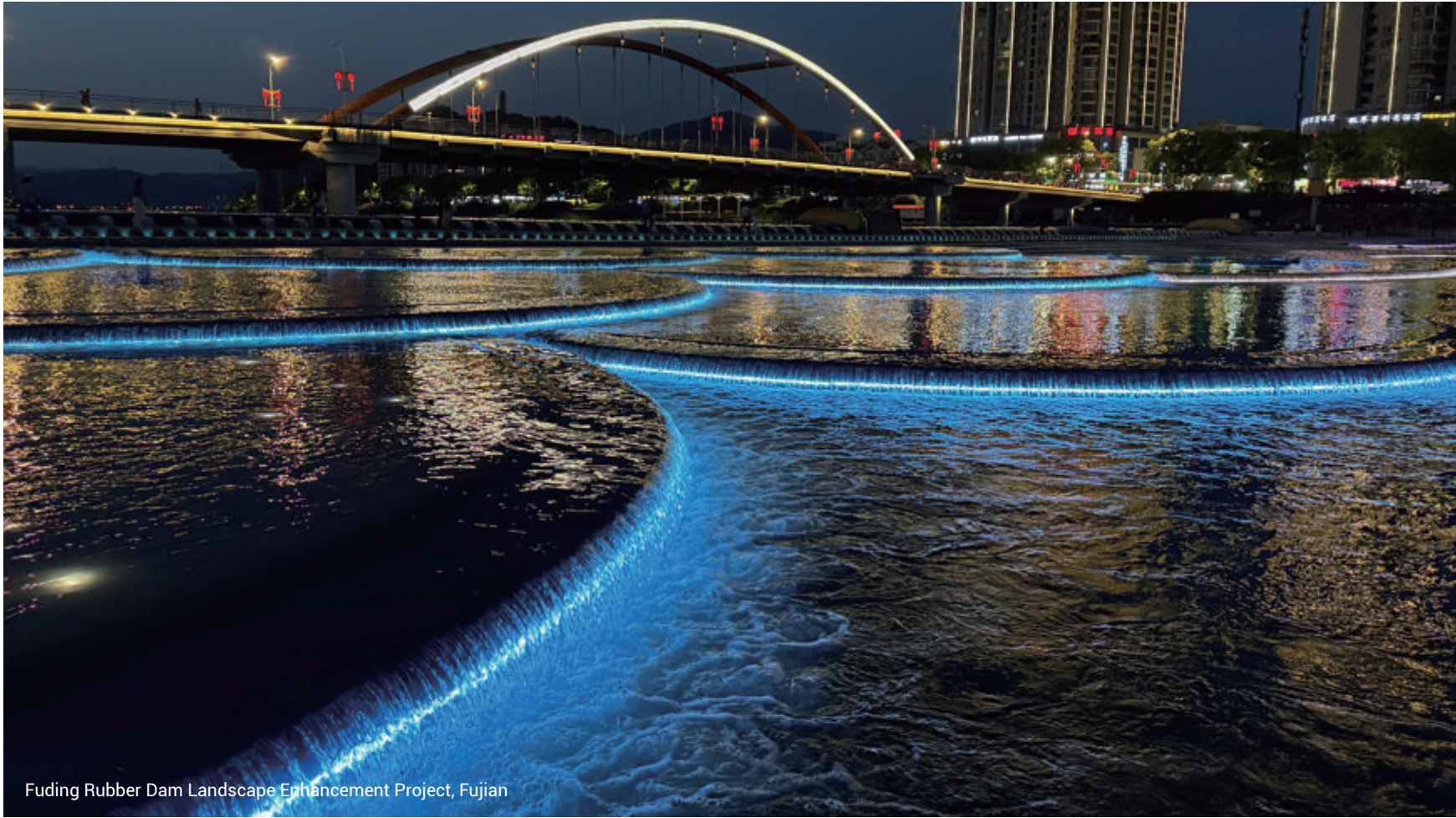
Nighttime Water Show on Wenxiang Lake in Taishun



Swimming Pool in Hotel, Indonesia



"a lot of fish" Interactive Underwater Installation, Fuzhou



Fuding Rubber Dam Landscape Enhancement Project, Fujian



Asian Games Flower Theme Park Lighting, Hangzhou



Yantai Egret Plaza Underground Light Sculpture, Shandong

APPLICATION OF FLEXIBLE LED STRIP LIGHT

[Double Protection Flexible LED Strip Light]

Cultural Tourism Park Application



Yuhu Park, Liangzhu, Hangzhou



Asian Games Flower Theme Park Lighting, Hangzhou



Nanhu Citizen Square, Jiaxing



Keqiao Development Zone, Shaoxing

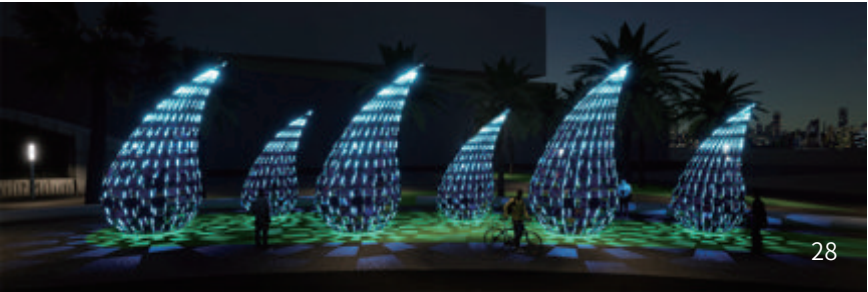
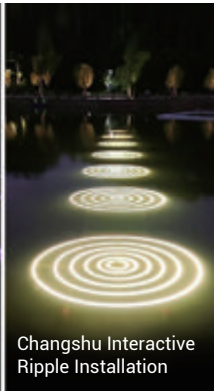


Fenghuang Mountain Beilun Central Park, Ningbo

APPLICATION OF FLEXIBLE LED STRIP LIGHT

[Double Protection Flexible LED Strip Light]

Sculpture and Lighting Sketch Application



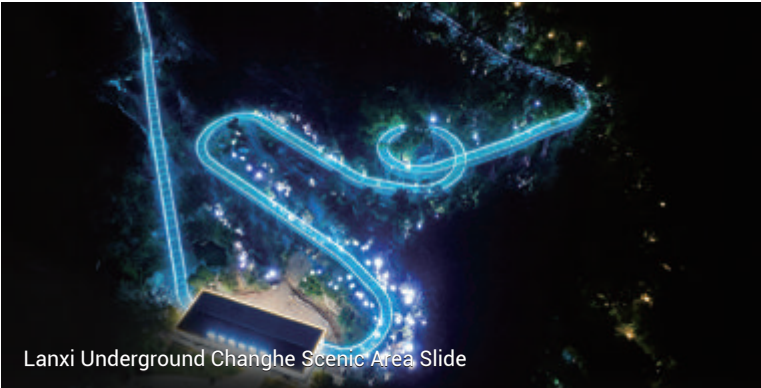
APPLICATION OF FLEXIBLE LED STRIP LIGHT

[Double Protection Flexible LED Strip Light]

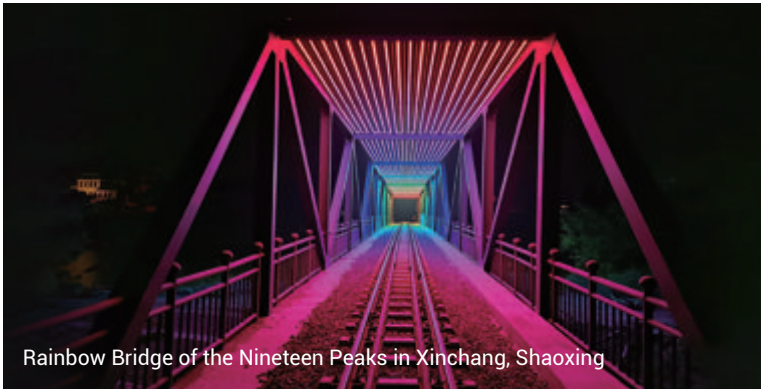
Tunnel and Corridor Application



Ningbo Xiangshan Tunnel



Lanxi Underground Changhe Scenic Area Slide



Rainbow Bridge of the Nineteen Peaks in Xinchang, Shaoxing



Ice and Snow World Tunnel



Fog Forest Bridge of the Nineteen Peaks in Xinchang, Shaoxing

APPLICATION OF FLEXIBLE LED STRIP LIGHT

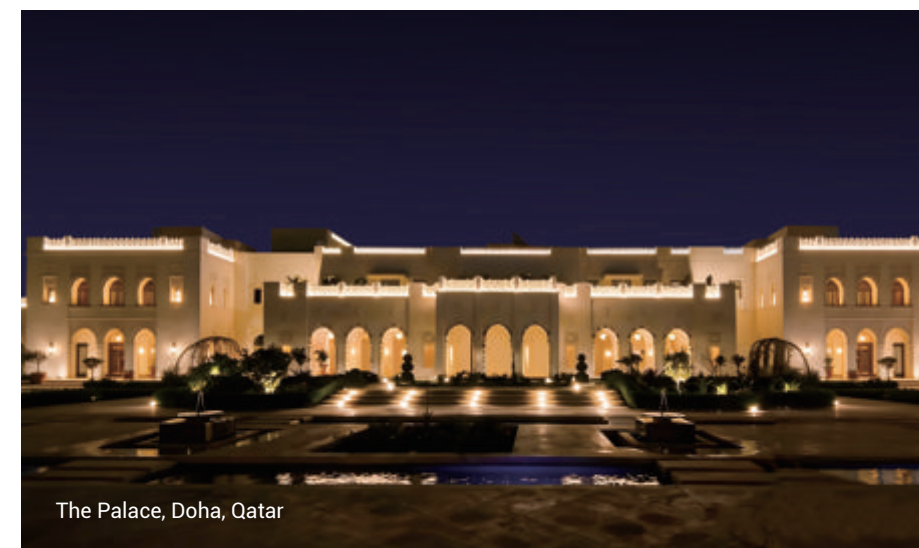
[Double Protection Flexible LED Strip Light]

Indoor Lighting Application





More Project Cases





Yellow River Grand Canyon Tourism Lighting, Inner Mongolia



Pingyang Shanmen Town project, Wenzhou

MORE PRODUCT SERIES

All Products Can Be Customized



Scan and download
"Product Catalog"



Scan and download
"Classic Case Book"

LED Point Lights

Control Method: ON/OFF、SPI、DMX512、RDM

LED Color: Single Color、Double Color、RGB、RGBW



φ16



φ240



Irregular-Shaped



Decorative



High Power

LED Linear Lights

Control Method: ON/OFF、SPI、DMX512、RDM

LED Color: Single Color、Double Color、RGB、RGBW



Ultra-Narrow



Ultra-Thin



Super Bright



Uniform



Light Guide



Ultra-long Distance

Flexible LED Strip Lights

Control Method: ON/OFF、SPI、DMX512

LED Color: Single Color、Double Color、RGB、RGBW



Uniform Soft



Curved Uniform



Lens



Three-Sided Uniform



Flat Uniform Flexible



COB Uniform



High Brightness



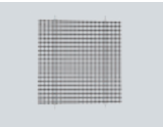
360° Bendable

LED Display Screen (transparent screen)

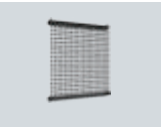
Control Method: SPI Size can be customized



LED Decorative Media Screen



High-Brightness LED Transparent Screen



LED Pixel Mesh Screen



LED Linear Screen



Flexible LED Strip Screen

LED Display Screen (high resolution screen)

Size can be customized



Outdoor LED Display Screen (high resolution screen)



Indoor LED Display Screen (high resolution screen)

LED Wall Washer Lights

Control Method: ON/OFF、SPI、DMX512、RDM

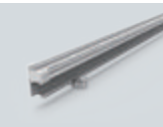
LED Color: Single Color、Double Color、RGB、RGBW



Wall Washer Lights With Cable Trunking



Crystal LED Wall Washer Lights



High Power LED Wall Washer Lights



Flexible LED Wall Washer Lights

LED String Lights

Control Method: ON/OFF、SPI、DMX512、RDM

LED Color: Single Color、Double Color、RGB、RGBW



Static Single Color LED String



LED String with RGB Dynamic Color Changing Effect



RGB LED String Lights



Single Pixel Controllable LED String Lights



Single Pixel (Desirable Quantity) LED String Lights

LED Flood Lights

Control Method: ON/OFF、SPI、DMX512、RDM

LED Color: Single Color、Double Color、RGB、RGBW



LED Chain Lights

Ground Plug-in High Power Floodlight String

Hoop Type High Power Floodlight String

Clip-on High Power Floodlight String

LED Underwater Lights

Control Method: ON/OFF、SPI、DMX512、RDM

LED Color: Single Color、Double Color、RGB、RGBW



Fountain Lights

Underwater Wall Lights

LED Underground Lights

Control Method: ON/OFF、SPI、DMX512、RDM

LED Color: Single Color、Double Color、RGB、RGBW



LED Underground Floodlights

Control Method: ON/OFF、DMX512、RDM

LED Color: Single Color、Double Color、RGB、RGBW



LED Step Lights

Control Method: ON/OFF、SPI、DMX512、RDM

LED Color: Single Color、Double Color、RGB、RGBW



LED Wall Lights

Control Method: ON/OFF

LED Color: Single Color



LED Lawn Lights

Control Method: ON/OFF

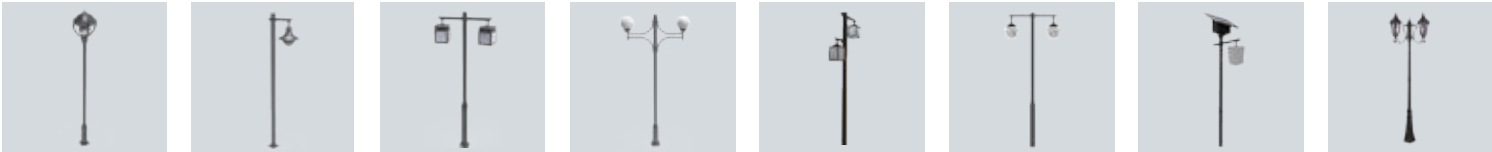
LED Color: Single Color



3D Printed Garden Lights

Control Method: ON/OFF

LED Color: Single Color



3D Printed Lawn Lights

Control Method: ON/OFF LED Color: Single Color



3D Printed Wall Lights

Control Method: ON/OFF LED Color: Single Color



3D Printed Post Cap Lights

Control Method: ON/OFF LED Color: Single Color



3D Printed Creative Outdoor Lights

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



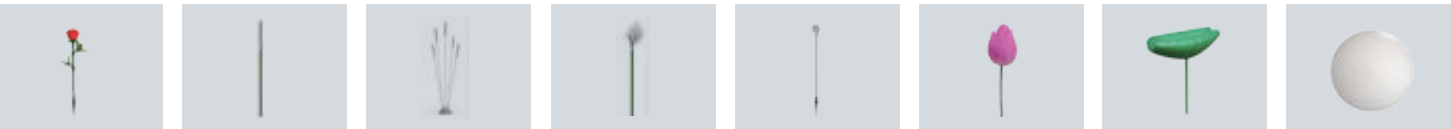
3D Printed Lantern

Control Method: ON/OFF LED Color: Single Color



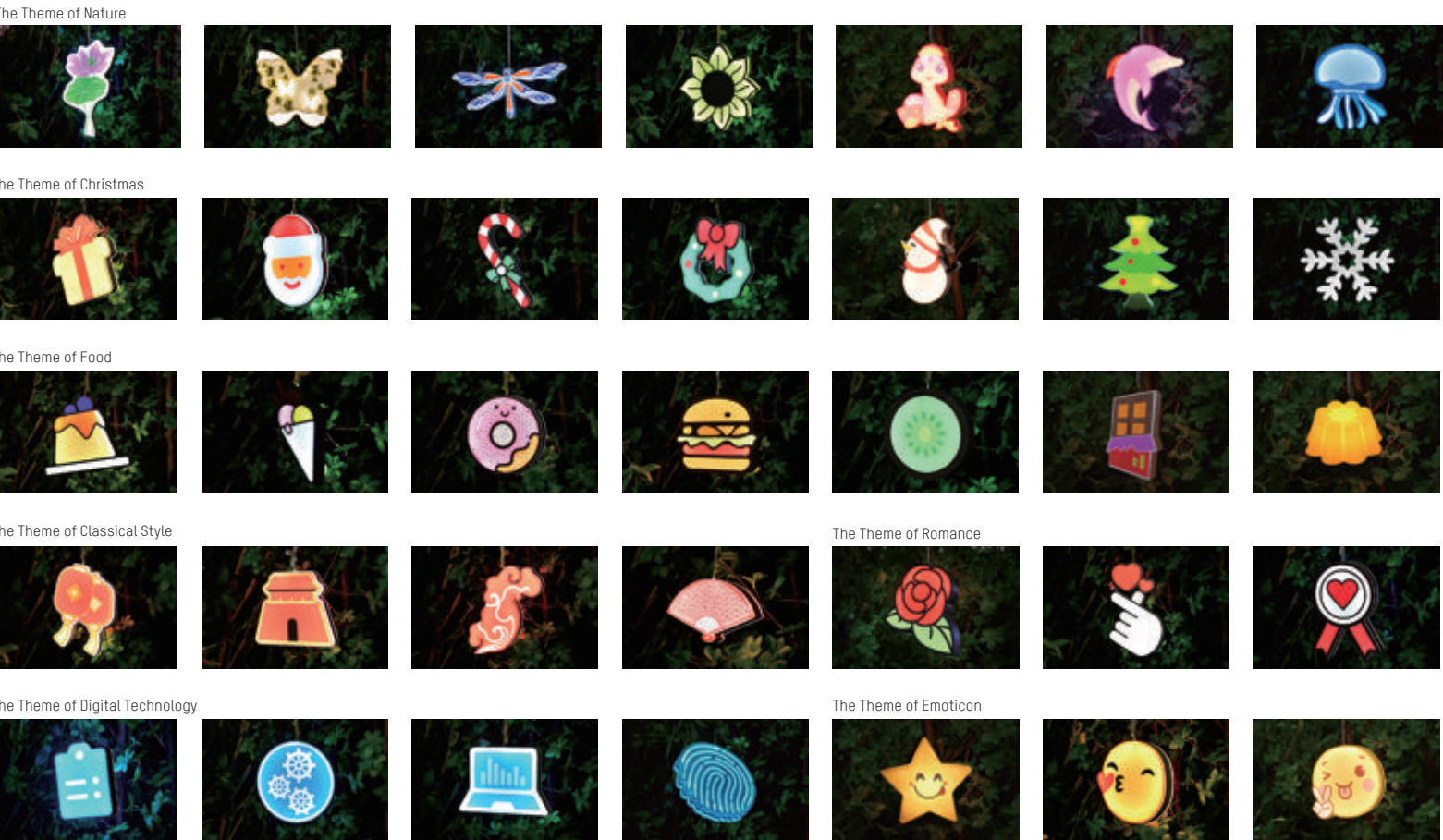
LED Sculptural Lights

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



3D Printed Creative Lights

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



3D Printed Creative Light Sculpture

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



Peacock Spreads Its Tail



Dragon Dance



Fish Leaps Over Dragon Gate



Romantic Concentric Chair



Every Year There Is Surplus Wealth and Food



Phoenix Birds in a Divine

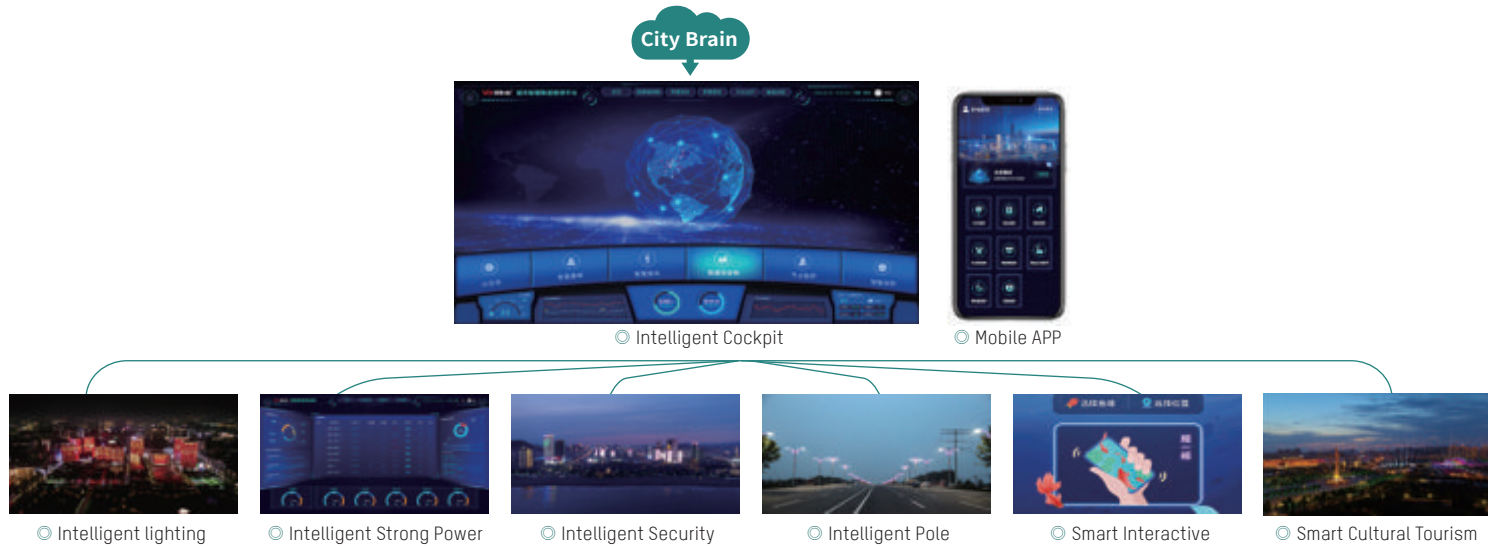


Wave Light Ripple



The Time Tunnel

Intelligent City Management Cloud Platform



Interactive Control System



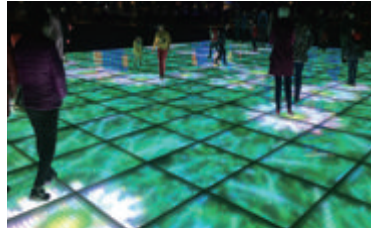
Smart Lighting Runway Interactive Control System



Somatosensory Interactive Control System



Shake and Voice Interactive Control System



Underground LED Screen Interactive Control System



Ferris wheel Rotating Control System



Smart Interactive by Moblie Phone



Bicycle Interactive Control System



LED Display Interactive Control System

LED Controllers



Main Controller



Sub Controller



Master-Sub Controller



Mini Master-Sub Controller



Super Master Controller



Fusion Gateway



Communication and Protection Modules



Ling Long Series

Intelligent Light Pole and Street Light Control



Intelligent Light Pole



Street Light Control

Heavy Current Controls



High-Power Controller



Switch Extended Module



Electrical Parameter Measurement Expansion



Pure High-Power Controller