

Lighten the life, light up the world

FOREAD[®]
Lighting For Retail

Forth Semi Co.,Ltd.

◆ **You go, we go further**



Company Profile

Founded in 2010, the company is located in the High-Tech Park of Lingang Songjiang Science and Technology City, Shanghai. It is a high-tech enterprise integrating LED technology R&D, manufacturing and innovative applications.

Our founding team comprises Tsinghua University graduates and Silicon Valley elites, with strong technical capabilities. We emphasize talent introduction and professional development, and currently have more than 10 experienced engineers and technicians in the LED field.

Our core products include smart spectrum lighting, special lighting, professional exhibition lighting, and IoT terminal lighting.

The company owns 2 invention patents, over 20 utility model patents and 1 software copyright. Two projects were recognized by the Shanghai High-Tech Achievement Transformation Service Center and won innovation project awards from the Shanghai Science and Technology Commission in 2015 and 2017. In October 2019, we were accredited as a National High-Tech Enterprise. Backed by a professional R&D team, Shanghai Xinrui stays at the cutting edge of optoelectronic lighting technology.

Awards & Certifications

The company obtained ISO9001:2008 international quality system certification in October 2015. It won a project award in the Shanghai Innovation and Entrepreneurship Competition in July 2015. In January 2016, it received the Science and Technology Innovation Contribution Award from Shanghai Caohejing Park.

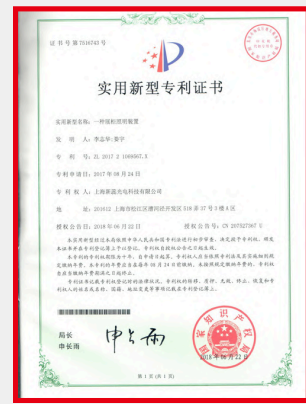
In April 2016, its multi-stage dimming lighting project was approved as a Shanghai High-Tech Achievement Transformation Project.

In July 2017, it again won a project award in the Shanghai Innovation and Entrepreneurship Competition.

In October 2017, its compatible electronic & inductive LED tube project was approved as a Shanghai High-Tech Achievement Transformation Project.

In January 2018, it was recognized as a Type II Supported Enterprise in the G60 Shanghai Science and Technology Innovation Corridor, valid for three years.

It was accredited as a National High-Tech Enterprise in October 2019.



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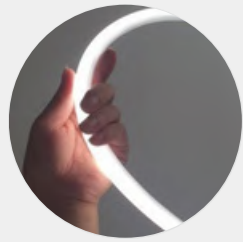
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Product Performance Characteristics



Uniform luminescence

Uniform emission without light spots, can directly view the emitting surface, and can be used for smooth surfaces of high reflective materials without dazzling; Compared to drip irrigation adhesive light strips, it has a better appearance and is more suitable for a wider range of environments; Compared to small linear lights, installation is simpler and protection performance is better.



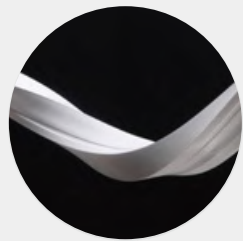
Light Transmittance

High transmittance, up to 90%, can meet high luminous flux output, not only for decoration but also for lighting.



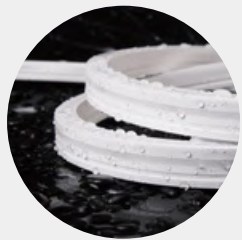
Strong Thermal Conductivity

The thermal conductivity of silicone is 0.27W/MK, which is twice as high as PVC's 0.14W/MK, and the effective heat dissipation life of the light strip is longer.



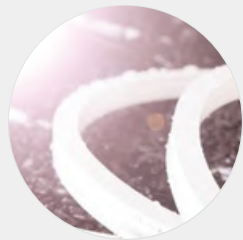
Good Flexibility

The structure is reliable and flexible, using solid silicone gel. The internal structure and external shape can be customized through molds, which can be bent and twisted, suitable for various shapes, resistant to tearing and pulling, and not easily damaged or deformed with strong toughness.



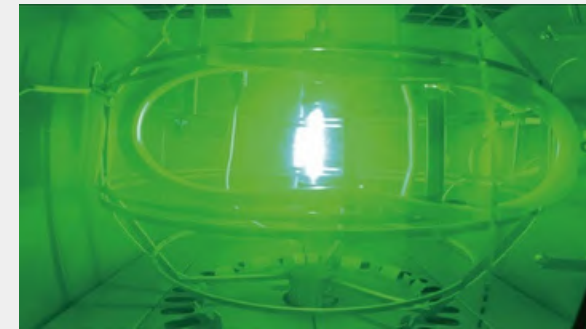
Excellent IP Protection

The product body and standard outlet plug can fully meet the IP67 standard for environmental applications and can pass the laboratory IP68 testing standard.



Excellent Weather Resistance

Storage in an environment of -50 to +150 degrees Celsius, maintaining a normal soft state, without brittleness or deformation, and without softening or aging- Used in an environment of -20 to +45 degrees Celsius, it is resistant to extreme cold and high heat, and can work normally.



UV Resistant

Using high-quality vapor phase silicone material with UV resistance, it can be used outdoors and exposed to direct sunlight for a long time without yellowing or aging for five years.



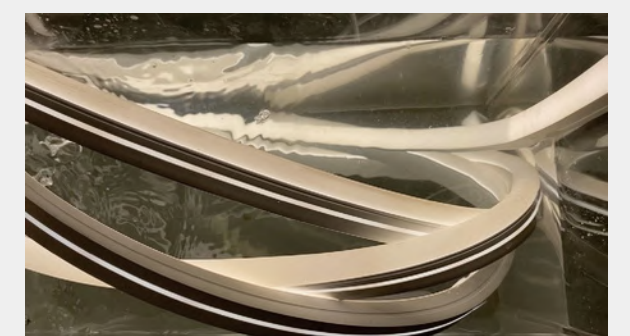
Flame Retardant And Environmentally Friendly

Using environmentally friendly silicone material, it is non-toxic to the environment, has a high ignition point, is nonflammable, and does not stimulate the volatilization of toxic gases, making it safer to use.



Salt Resistant Solution

Using environmentally friendly silicone material with corrosion resistance, it can resist the corrosion of ordinary salt, alkali, and acid, and can be used in special environments such as beaches, mines, laboratories, etc.



Excellent IP Protection

Silicone protective light strip has good protective performance, with single-layer silicone protective products protecting up to IP67 and double-layer silicone protective products protecting up to IP68.



Corrosion Resistance

Silicone material has corrosion-resistant gas properties, including chlorine gas, sulfur dioxide, hydrogen sulfide, nitrogen dioxide, etc.



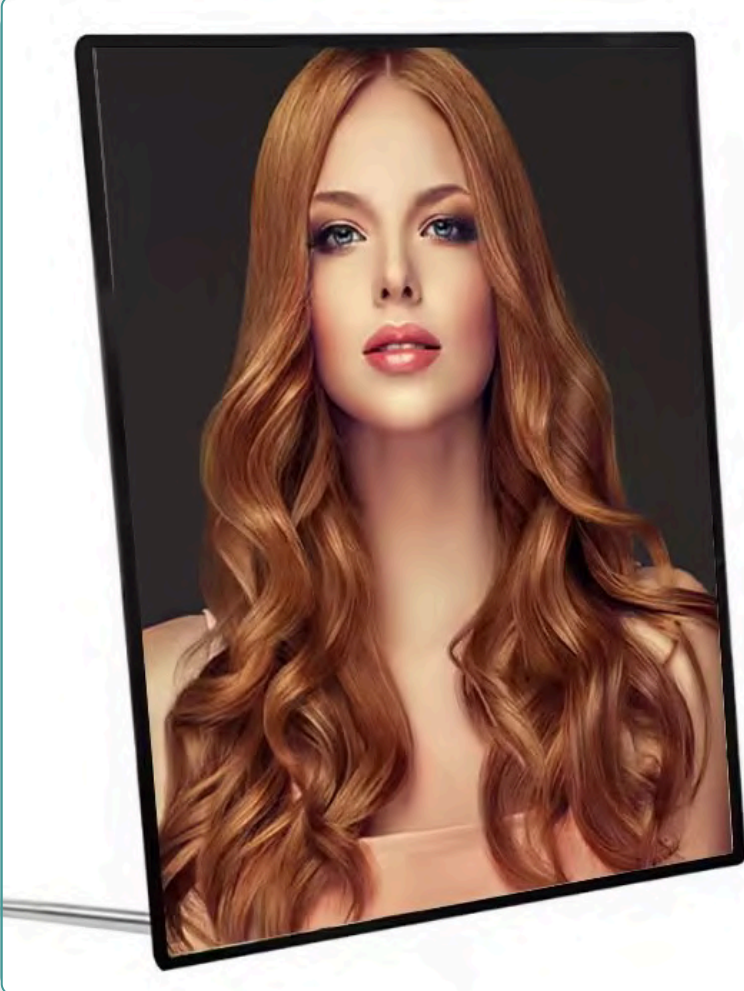
Bending Resistance

Using high-quality vapor phase silicone material, it has good flexibility, can bend and twist, and is suitable for various styling designs.

LED ultra thin light glass box



LED ultra thin light glass box



Wall mounted drawing light box



LED ultra thin light glass box

Bar table drawing light box



Parameters

- A slide-in light box is an ultra-thin advertising light box with easy picture installation.
- When inserting or replacing the light sheet, the light sheet can be pulled out or inserted through the light sheet slot into the light sheet receiving cavity, making installation simple, time-saving and labor-saving.
- The light from the light source passes through the light guide plate and then irradiates the light sheet.
- The light guide plate and the light homogenizing film on its front side can disperse the light to ensure uniform illumination on the light sheet.
- The reflective film on the back of the light guide plate reflects light, improves light utilization efficiency, avoids light waste and reduces energy consumption.
- The transparent glass plate, together with the light guide plate, forms the light sheet receiving cavity and protects the light sheet.

Parameters

Version: LED ultra thin light box
 Specification: See the list (Customizable)
 Material: PMMA, Glass
 Light Color: White
 Glass Thickness: 2.0
 Luminous Efficacy: > 80lm/w
 Color Rendering Index: > 80
 Dimming: 2.4G stepless dimming supported
 Profile Color: Black/White/Grey (Customizable)

Voltage: DC 12/24V
 Color Temperature: 2700K
 Power: See the list ± 5%
 Weight: See the list ± 5%
 Light Guide Plate: Brand-new optical grade MMA
 Operating Temperature: -20~50°C
 Service Life: 2years/25000H
 Maximum Size: Customizable



LED ultra thin light glass box

Scan for more



场景展示

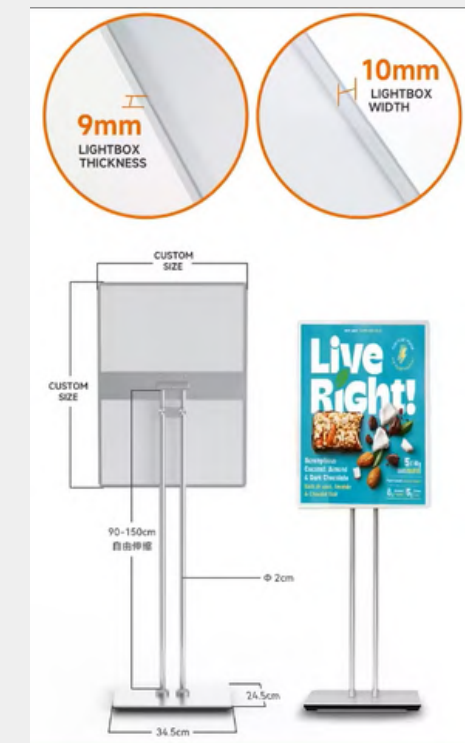
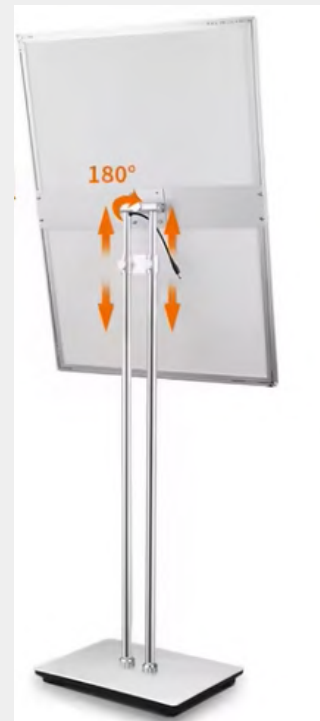
LED ultra thin light glass box

LED ultra thin light glass box

LED ultra thin light glass box

LED ultra thin light glass box

Floor type drawing light box



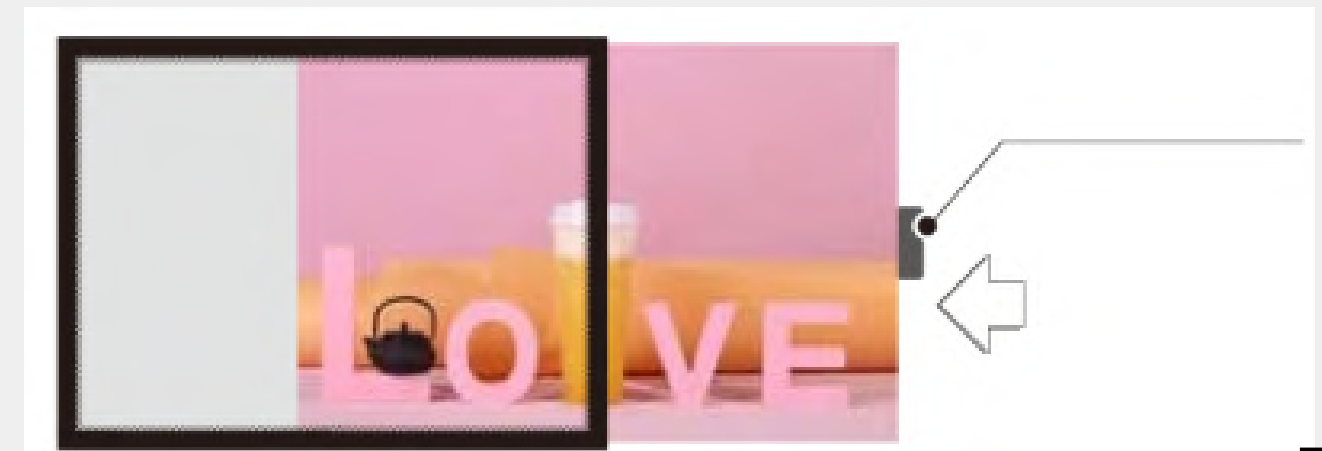
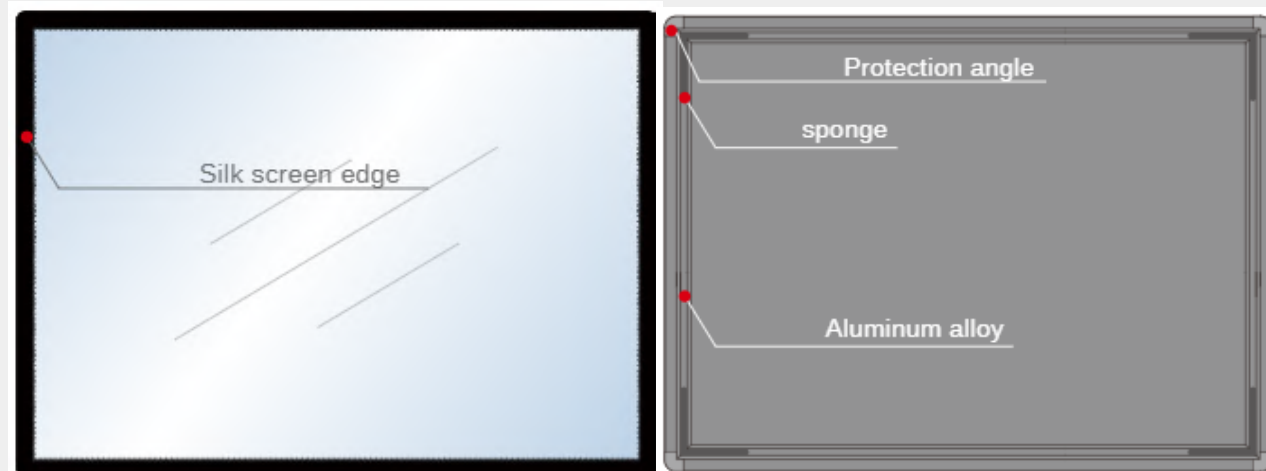
◆ Parameters

Pull-out type Design Fast and Convenient
Easy open to change the poster
Horizontal and vertical use
Widely used in shopping malls, restaurants, hotels, nightclubs, KTVs, shop counters, milk tea shops, advertising and other occasions.

- Acrylic laser-engraved light guide plate
- high-transmittance light sheet,
- silk-screened textured tempered glass panel

- Multiple installation options available:**
- floor-mounted,
 - wall-mounted,
 - stand-type,
 - and wall-hung.

- Standard size:**
- A4,A3,A2,A1
 - 500mm*700mm
 - 600mm*900mm
 - 600mm*1200mm
 - 750mm*1200mm



LED ultra thin light glass box



LED ultra thin light glass box

Packing standard of whole carton

Product name	Product specifications	Picture size	Thickness of light box	colour	power	Adapter	Number of packages	Gross weight	Package size
Draw light box	A4 (225mm*304mm)	210mm*297mm	9mm	Black / Silver	8W	12V-1A	20pieces	11KG	420mm370mm320mm
Draw light box	A3 (311mm*427mm)	297mm*420mm	9mm	Black / Silver	9.5w	12V-1A	20pieces	21KG	490mm420mm400mm
Draw light box	A2 (435mm*600mm)	420mm*594mm	9mm	Black / Silver	13.5w	12V-1.5A	20pieces	40KG	660mm420mm530mm
Draw light box	A1 (605mm*850mm)	594mm*841mm	11mm	Black / Silver	25.8w	24V-1.5A	10pieces	43KG	980mm420mm670mm
Draw light box	500mm*700mm	485mm*693mm	9mm	Black / Silver	15.8w	24V-1.5A	10pieces	31KG	565mm420mm830mm
Draw light box	600mm*900mm	589mm*895mm	11mm	Black / Silver	27w	24V-1.5A	10pieces	45KG	980mm430mm700mm
Draw light box	600mm*1200mm	589mm*1195mm	11mm	Black / Silver	38.4w	24V-2A	10pieces	60KG	1280mm430mm700mm
Draw light box	750mm*1200mm	739mm*1195mm	11mm	Black / Silver	38.4w	24V-2A	10pieces	75KG	1280mm430mm850mm

Packaging standard of independent pearl cotton box + independent carton

Product name	Product specifications	Picture size	Thickness of light box	colour	power	Adapter	Number of packages	Gross weight	Package size
Draw light box	A4 (225mm*304mm)	210mm*297mm	9mm	Black / Silver	8w	12V-1A	1piece	1.15KG	325mm480mm75mm
Draw light box	A3 (311mm*427mm)	297mm*420mm	9mm	Black / Silver	9.5w	12V-1A	1piece	1.85KG	405mm590mm75mm
Draw light box	A2 (435mm*600mm)	420mm*594mm	9mm	Black / Silver	13.5w	12V-1.5A	1piece	3.15KG	525mm770mm75mm
Draw light box	A1 (605mm*850mm)	594mm*841mm	11mm	Black / Silver	25.8w	24V-1.5A	1piece	6.15KG	6710mm1035mm80mm
Draw light box	500mm*700mm	485mm*693mm	9mm	Black / Silver	15.8w	12V-1.5A	1piece	3.9KG	594mm863mm75mm
Draw light box	600mm*900mm	589mm*895mm	11mm	Black / Silver	27w	24V-1.5A	1piece	6.3KG	1040mm690mm80mm

**Illuminate your products, captivate your customers!
Our shelf backlight turns every display into a spotlight,
making your merchandise impossible to miss.**



Back lit LED panel

Back lit LED panel



- **Elevate your retail presence with our state-of-the-art shelf backlighting system.**
- **Crafted with opal acrylic panels for exceptional light diffusion, it delivers soft, uniform illumination that highlights product details without harsh glare, drawing customers in and making your offerings impossible to overlook.**
- **Featuring dual-color temperature dimming, this versatile solution adapts effortlessly to any setting—from bustling shopping malls and boutique stores to elegant hotels and vibrant markets. Its detachable hanging design ensures hassle-free installation, seamlessly integrating with your existing shelving for a polished, professional finish that elevates your brand aesthetic and boosts customer engagement.**

Scan for more



LED ultra thin light glass box



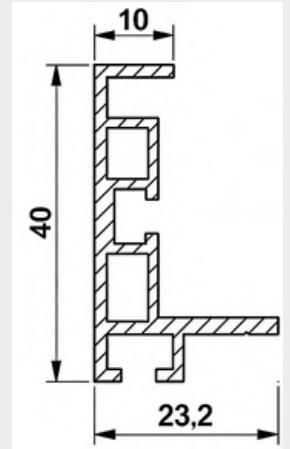
Accessories
Plug models are optional



Positive display



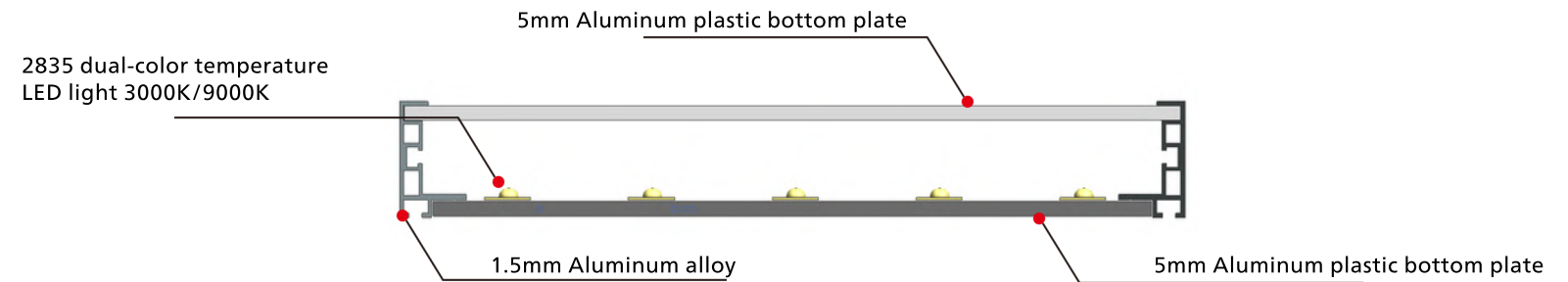
(Outline size)H



1.5mm Aluminum alloy

(Outline size) W

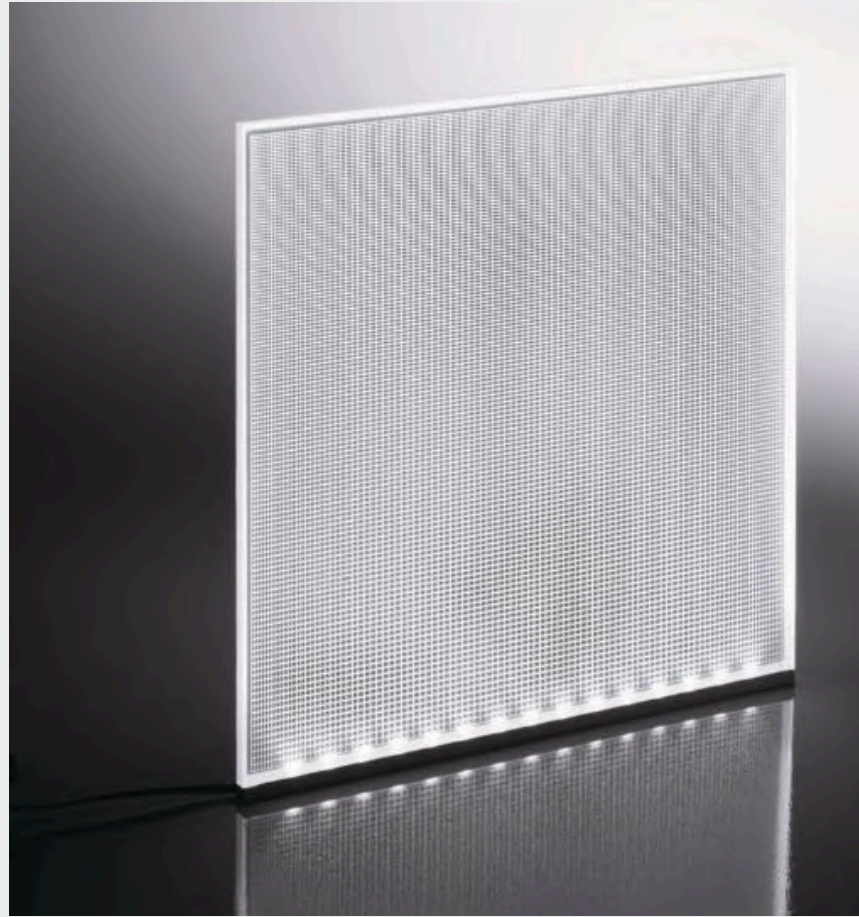
Elevate your retail space with our premium shelf backlighting system. Evenly distributed, glare-free lighting highlights your products' finest details, drawing shoppers' eyes and boosting your sales effortlessly. Sleek and easy to install, it seamlessly integrates with your existing racks for an instant upscale look.



White Led Light Screen Panel Technical parameters								
Item	Size	LED Light source power	LED Modules CHIP	Luminous efficacy	CCT	Warranty	Life span	Match power supply
FS500	500X1200X40mm	80W	SANAN 2835 CHIP 112pcs	3150lm	Dual-color temperature 3000K&9000K	3 years	50,000hrs	24V 100W
FS665	665X1200X40mm	95W	SANAN 2835 CHIP 154pcs	4312lm	Dual-color temperature 3000K&9000K	3 years	50,000hrs	24V 100W
FS800	800X1200X40mm	110W	SANAN 2835 CHIP 182pcs	5096lm	Dual-color temperature 3000K&9000K	3 years	50,000hrs	24V 150W
FS1000	1000X1200X40mm	150W	SANAN 2835 CHIP 238pcs	6750lm	Dual-color temperature 3000K&9000K	3 years	50,000hrs	24V 180W
FS1250	1250X1200X40mm	190W	SANAN 2835 CHIP 280pcs	7840lm	Dual-color temperature 3000K&9000K	3 years	50,000hrs	24V 240W

Item packing parameter					
Item	Dimension	N.W.	G.W.	Numbers of package	Package size
FS500	500x1200mm	8KGS	10KGS	1 piece	1230x660x75mm
FS665	665x1200mm	11KGS	13.5KGS	1 piece	1230x830x75mm
FS800	800x1200mm	13KGS	16KGS	1 piece	1230x960x75mm
FS1000	1000x1200mm	16KGS	20KGS	1 piece	1230x1160x75mm
FS1250	1250x1200mm	20KGS	25KGS	1 piece	1410x1230x75mm

LED Frameless Edge panel



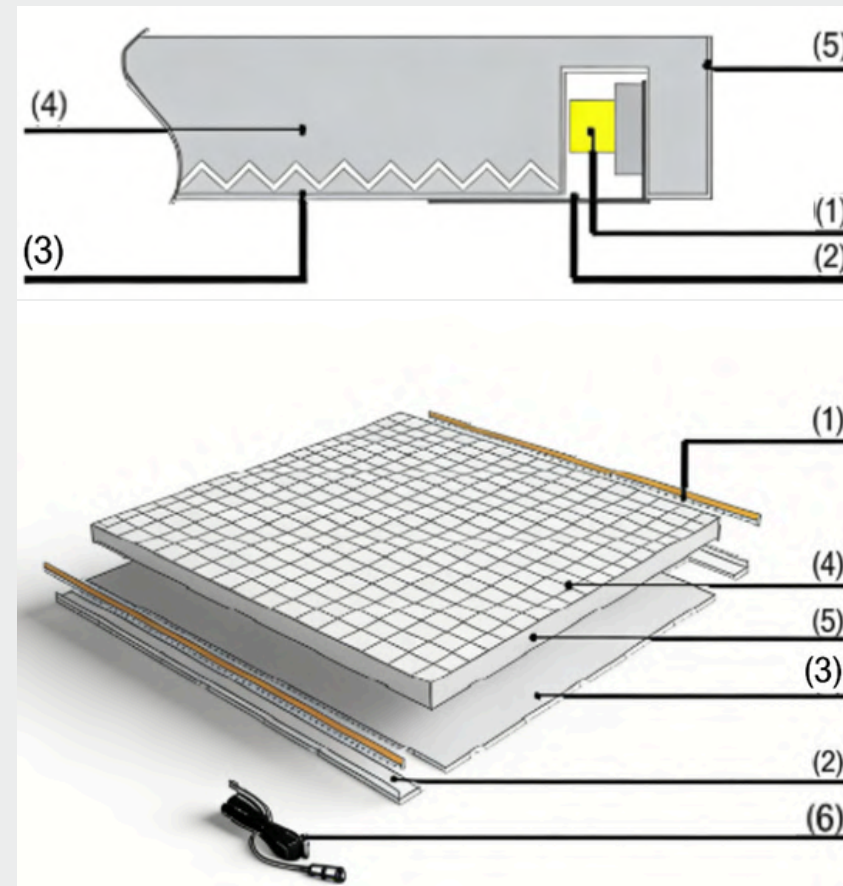
◆ **Product Features:**

Product characteristic

- The thinnest light guide plate is up to 2 mm and the conventional thickness is 3-12 mm
- Diffuse reflection principle, high light conversion, uniform and soft light
- Compared with the traditional light source with the same area, it can save more than 60% energy.* Average service life 2-3 years, no yellowing and no distortion
- Dimensions can be customized, shapes can be varied, cutting, bending, splicing can be arbitrary

LED Frameless Edge panel

◆ **Product Drawing**



NO.	DESCRIPTION	REMARKS
1	LED strip	FS-12/24V-1W4-2835
2	Heat sink	
3	Refelctor	PVC
4	LGP	PMMA
5	Shading tape	
6	Terminal line	5.5X2.5mm
		5.5X2.1mm

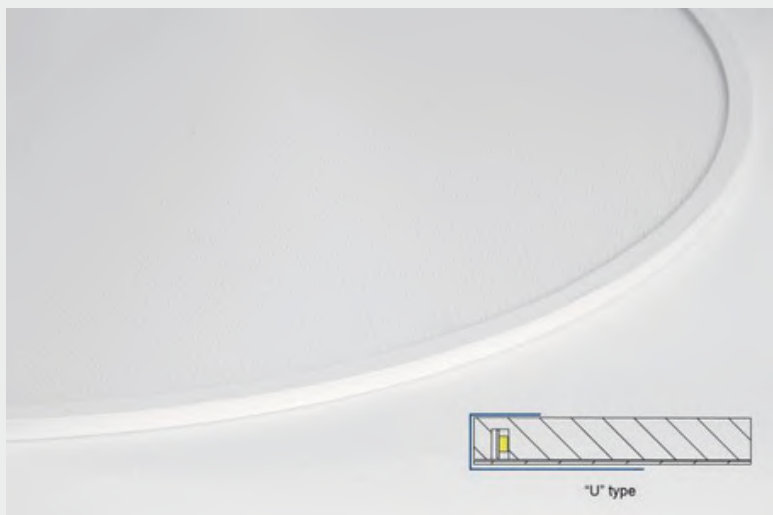
◆ **Product Introduction**

It has revolutionized retail and architectural lighting. This frameless, edge-lit LED light panel produces a bright, even light across its entire surface. It can be ordered in any shape, size, and color and can be put virtually anywhere. The applications are endless.

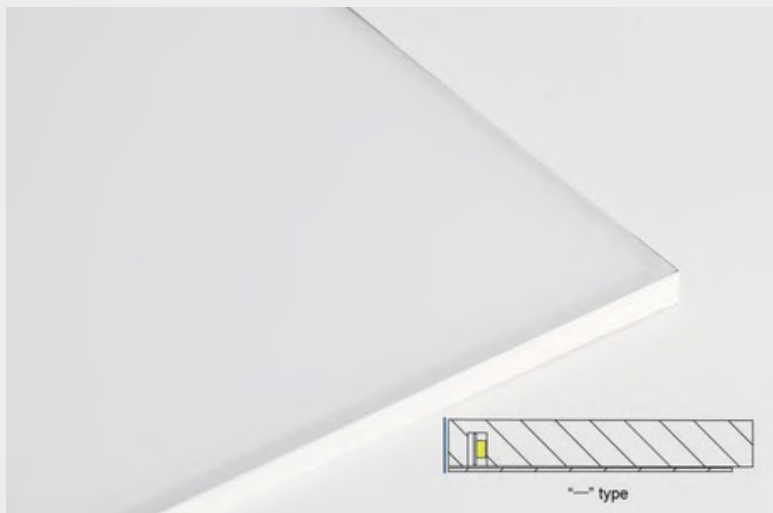
◆ **Product Drawing**



Generally, the "L" type edge-wrapping method is adopted for non-polishing edge, and the appearance is beautiful.



Routine use of "U" edge-wrapping mode, shielding the LED light source, the front will see tape, affecting the beauty.

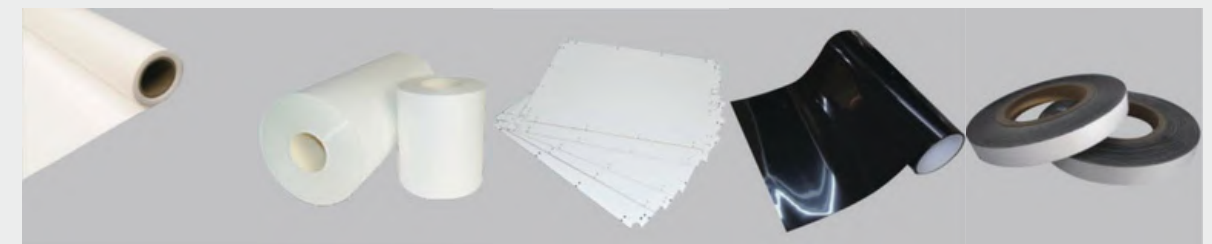


The "one" edge-wrapping method is adopted to block the light from illuminating, increase the brightness and make the light more uniform. Suitable for double-sided non-reflective paper



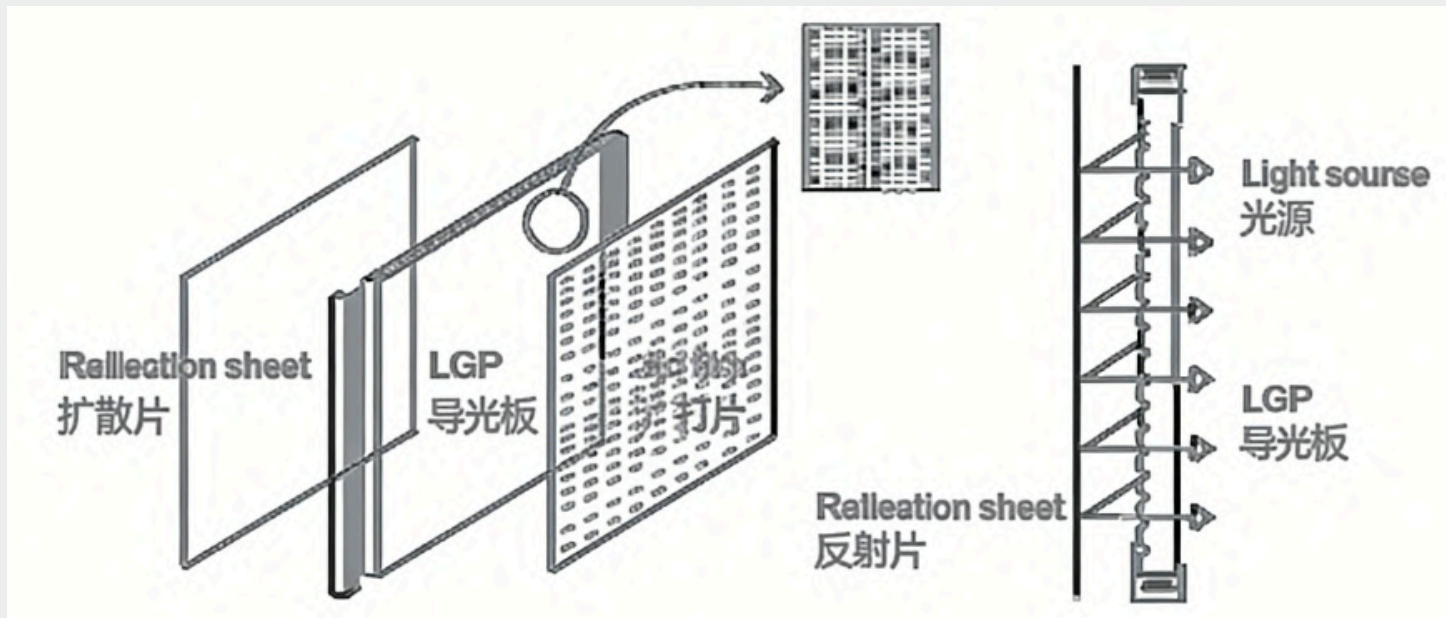
Adapter

Other optional accessories

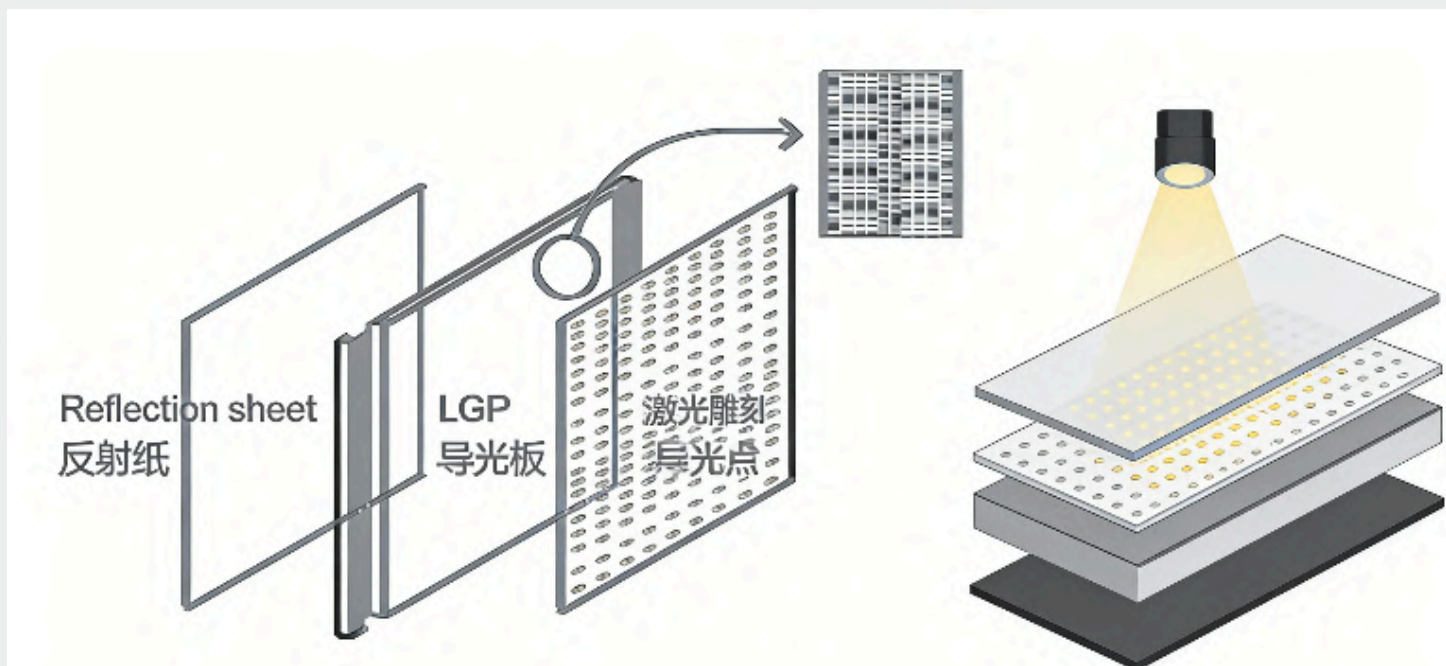


Add a diffuser on the light guide board, you can paste the picture directly, or install a canvas in front, or you can use it directly as a lighting fixture, you can't see any points, and the light is uniform.

Without diffuser sheet can be used as backlight, combined with profiles to make four-sided open lamp box, magnetic light box, door open lamp box and so on.



Laser-dotting lighting schematic



Laser-clotting lighting schematic

◆ **Working Principle**

- The light source is mounted on two edges of LGP. The longer the distance from the two light-source-mounted edges, the bigger the size and density of the light guide dots (pits) be.
- Part of the light from the light source is diffuse reflected to the surface of LGP via the dots; Other part of the light directly travel through LGP to the surface.
- The longer the distance from the light source, the less light diffuse reflected and the more light directly traveling through LGP to the surface.
- This pattern produces a bright and even distribution of light across the entire panel.

◆ **Technical Data**

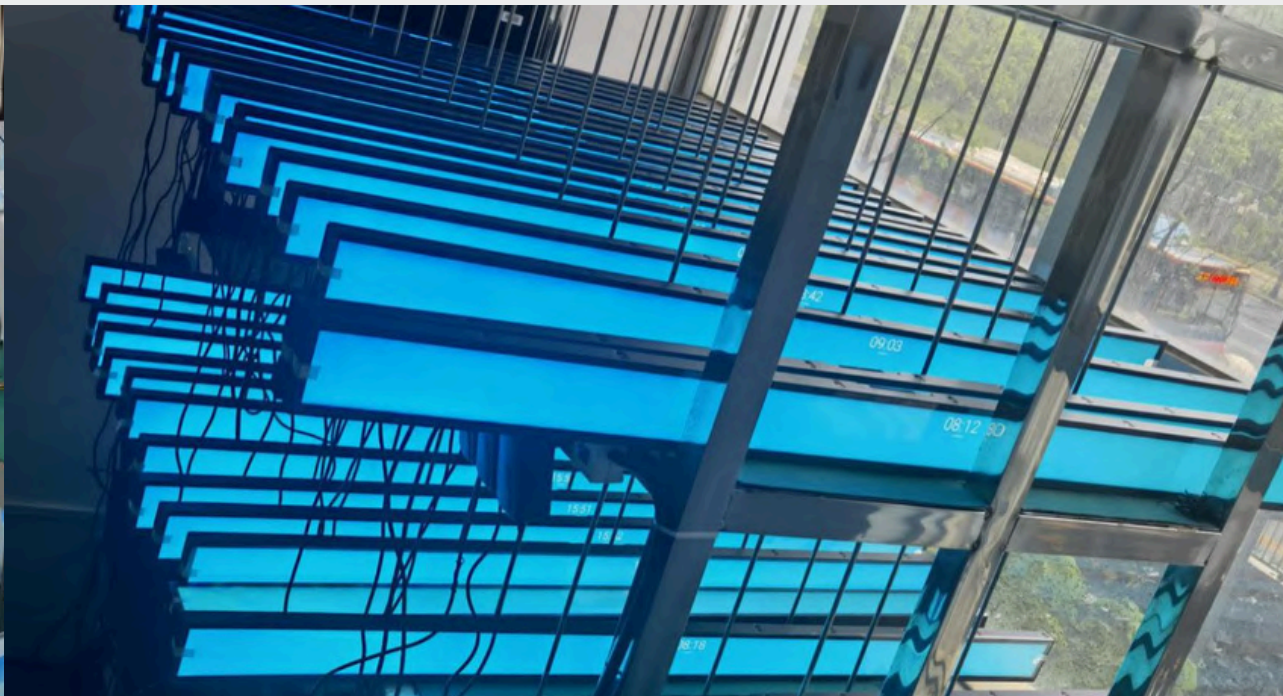
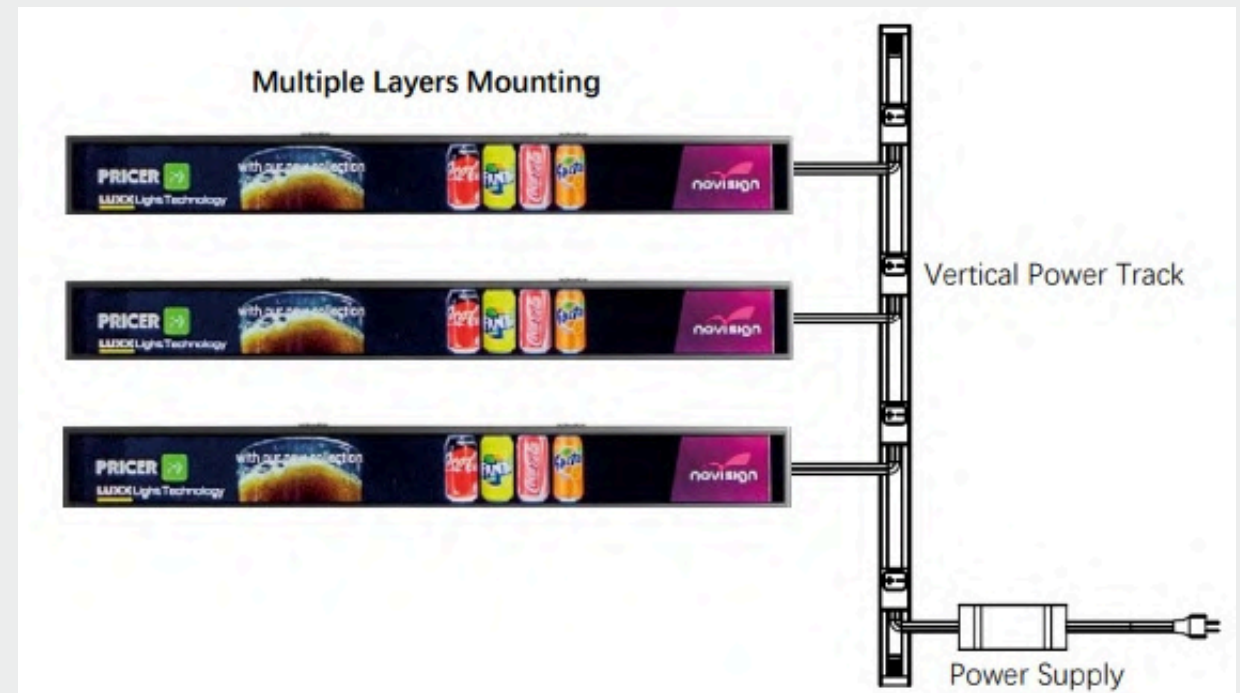
NO.	ITEM	DESCRIPTION
1	Main material	PMMA
2	Power supply	AC/DC 12V/24V Adapter
3	Operating voltage	DC12V / DC24V
4	Input voltage	AC100 ~ 240V 50/60Hz
5	Color temperature	Optional
6	Size	Customizable
7	Life time	>50,000 Hour
8	Operating temperature	-20 to +50°C
9	Humidity operating	30%-70%
10	Humidity storage	30%-70%

LCD Bar screen



Installation method:

- Installation wall ornaments for different shelves: L-shaped, snap on,
- VESA hole installation, gourd hole installation, embedded installation and other various methods.



LED ultra thin light glass box

LED ultra thin light glass box

LCD Bar screen



Scan for more



Product Features:

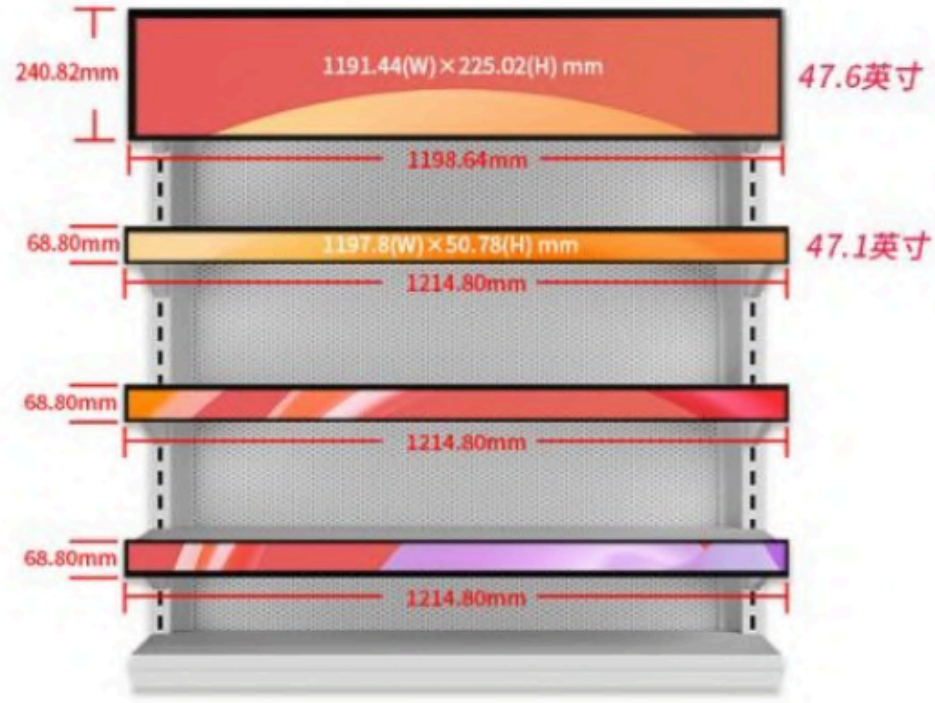
- Professional grade LCD screen: high resolution, high contrast, high brightness, and vivid stereoscopic images;
- High detail expression: 16.7 million colors, delicate image without trailing, creating a sense of hierarchy in the picture;
- High commercial reliability: supports 7 * 24 uninterrupted operation, with a usage time of over 50000 hours, adaptive black level extension, automatic elimination of residual images, intelligent temperature control, environmentally friendly and silent;

Product Features:

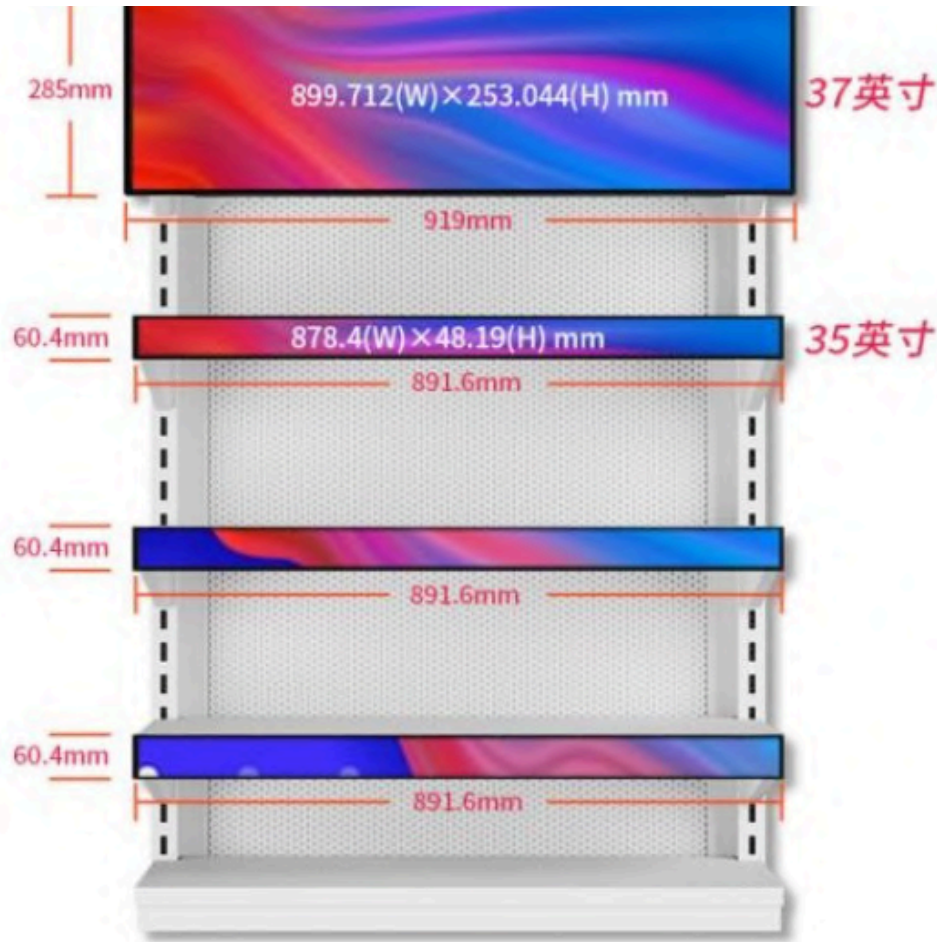
- Support the playback of price tags, product videos, and promotional images;
- Support the issuance of price tags and video images in the network backend;
- Support inserting a USB flash drive to copy to local storage for automatic playback function;
- Full color display, higher realism, more dazzling, and cooler product display;
- Support online advertising, multi screen same screen, timed on/off, etc.

Dimension

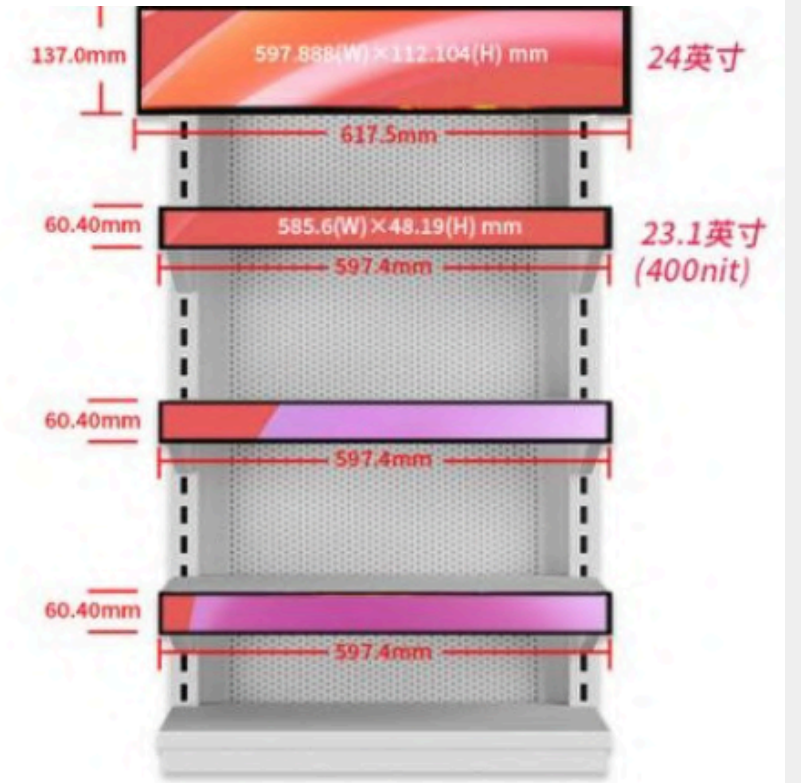
1200mm shelf



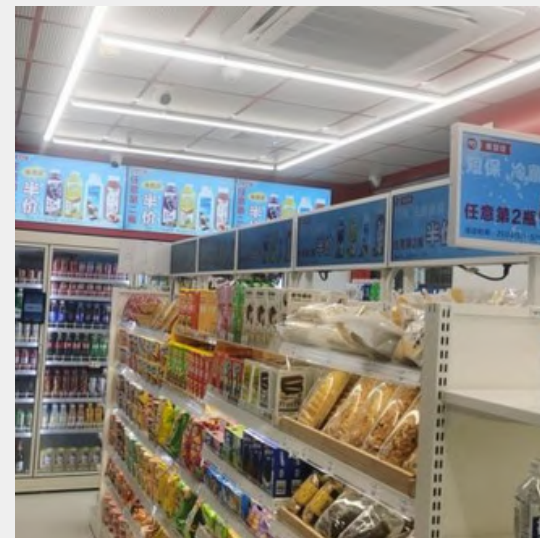
900mm shelf



600mm shelf



Application Cases



LED ultra thin light glass box

LED ultra thin light glass box

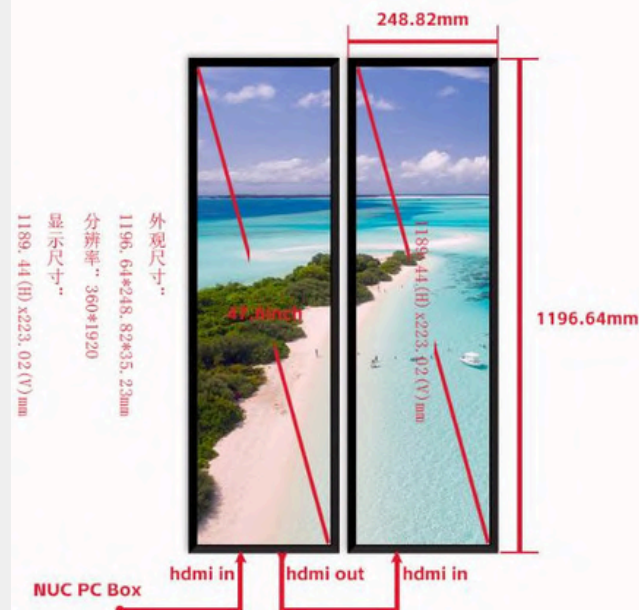
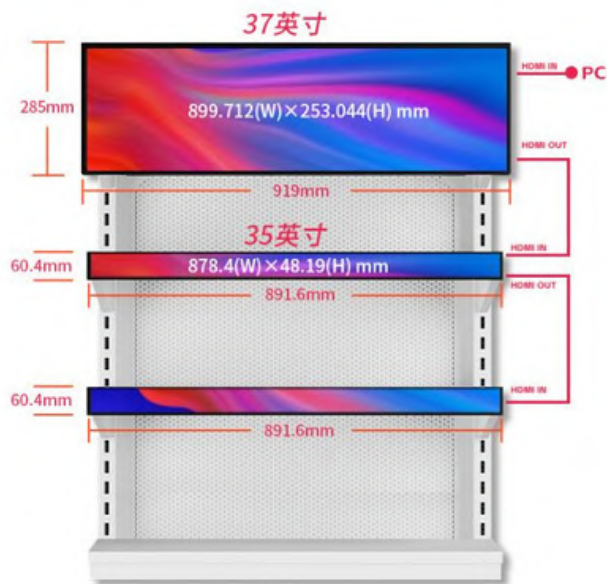
LED ultra thin light glass box

LED ultra thin light glass box

LCD Bar screen

Bar shaped intelligent display screens can be customized for different application scenarios and have optional functions:

- Single machine card reading
- H D M I input USB playback
- H D M I input/output, loop connection, splicing
- 12-36V power supply
- P O E power supply



Full series of bar sizes

**8.8/9.1/11.26/16.4/19/19.5/21.2/23.1/23.5/24/28/29/35/
36.6/37/37.6 /37.8/43.8/43.9/49/58.5/86**

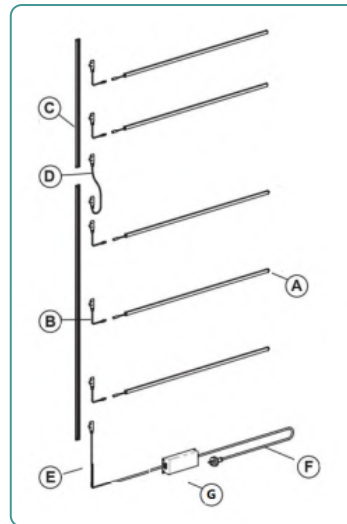
◆ Technical Data

Dimension	resolution	Brightness	overall dimension	System (optional display solution)	network
8.8"	1920x480	600 cd/m ²	240x69.6x16 mm	Android 8.1	WI-FI(4G Optional)
9.1"	822x260	280 cd/m ²	246.8x97x35 mm	Android 8.1	WI-FI(4G Optional)
16.4"	1366x238	700 cd/m ²	432x94x18 mm	Android 8.1	WI-FI(4G Optional)
23.1"	1920x158	700 cd/m ²	599.4x61.8x20 mm	Android 8.1	WI-FI(4G Optional)
23.5"	1920x360	500 cd/m ²	599.7x124.6x18.5 mm	Android 8.1	WI-FI(4G Optional)
24"	1920x360	300 cd/m ²	617.5x137.0x27.2 mm	Android 8.1	WI-FI(4G Optional)
28"	1920x360	700 cd/m ²	736.8x169.5x28.2 mm	Android 8.1	WI-FI(4G Optional)
29"	1920x540	700 cd/m ²	724x229x35 mm	Android 8.1	WI-FI(4G Optional)
35"	3840x200	500 cd/m ²	891.6x60.4x23.0 mm	Android 8.1	WI-FI(4G Optional)
37"	1920x540	700 cd/m ²	918x284x45 mm	Android 8.1	WI-FI(4G Optional)
43.9"	1920x540	500 cd/m ²	1105x337x45 mm	Android 8.1	WI-FI(4G Optional)
58.5"	3840x540	700 cd/m ²	1444.08x420.36x53.6 mm	Android 8.1	WI-FI(4G Optional)
86"	3840x600	500 cd/m ²	2171.08x359.5x53 mm	Android 8.1	WI-FI(4G Optional)

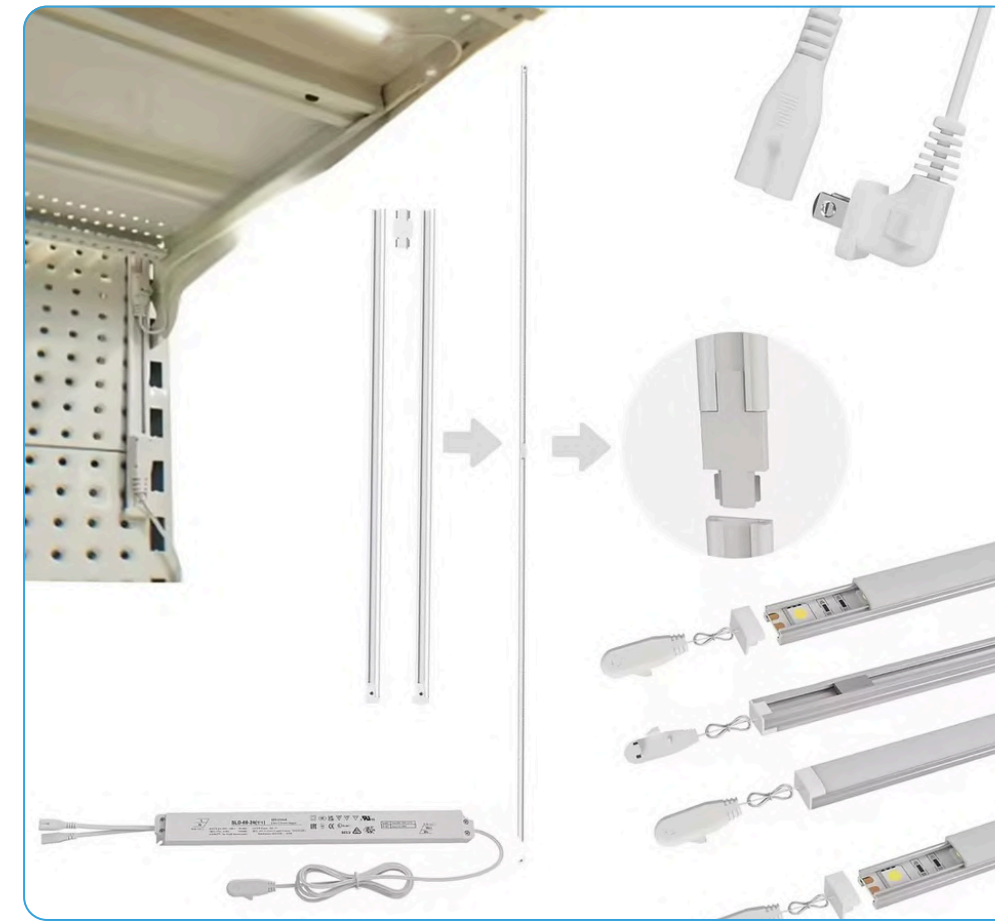
LED 1408 Rigid LED strip shelf lighting system

Features:

- High Lumen: >90 LM/W
- The beam angle >120°, which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- Easy to install: led lights with 2 magnets on the back;
- 3 years warranty



LED Shelf lighting
Scan for more



LED 1408 Series



LED T5 tube



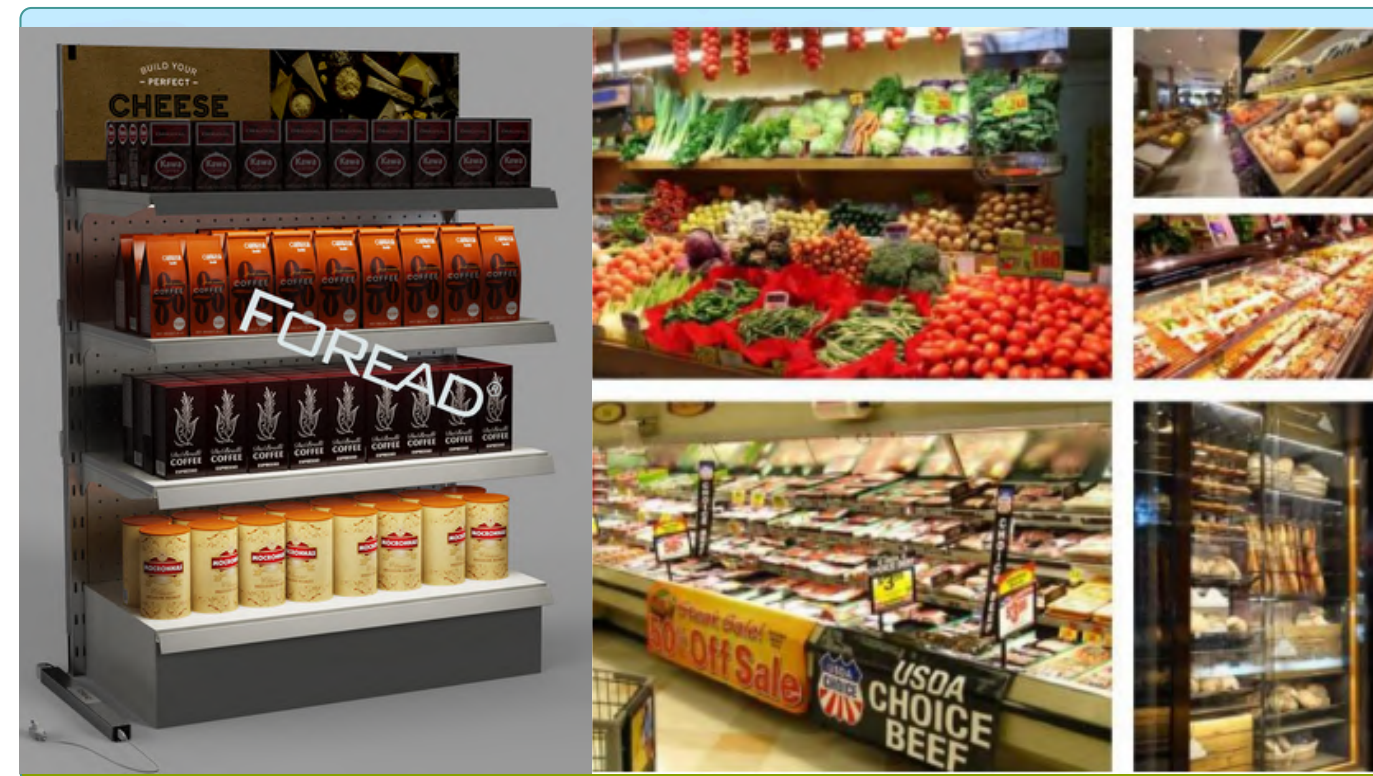
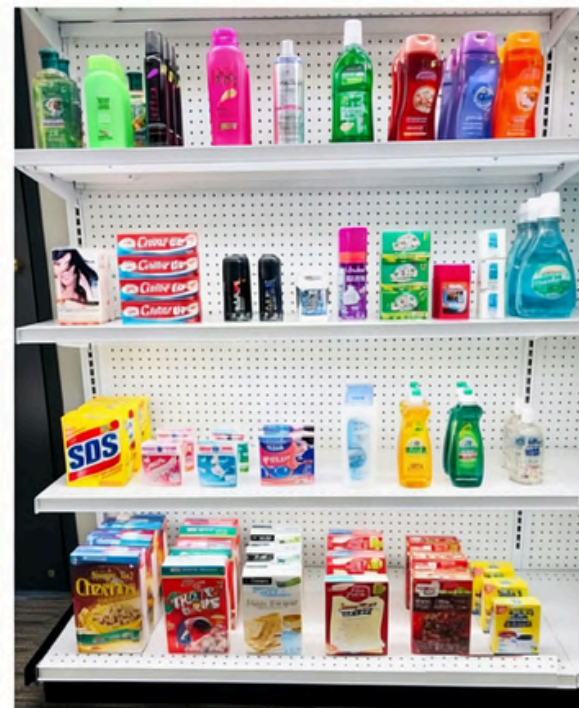
LED Power track line

Applicable scene:

BEFORE



AFTER



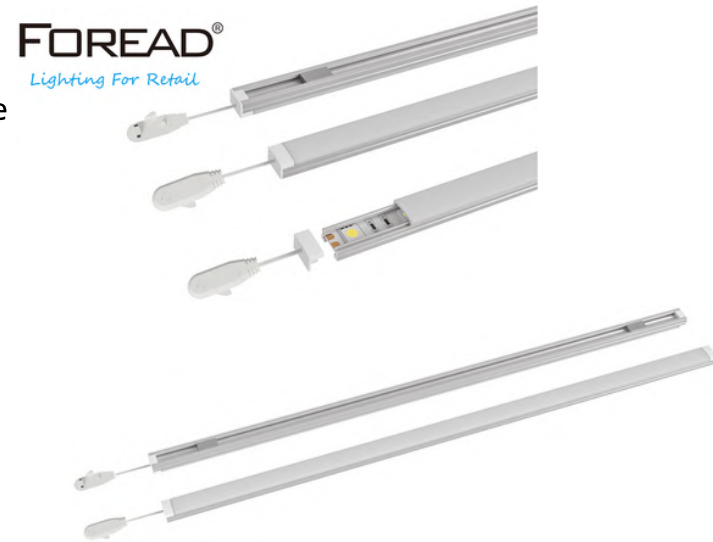
LED Shelf lighting

LED Shelf lighting

LED 1408 Series

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- Easy to install: led lights with 2 magnets on the back;
- 3 years warranty



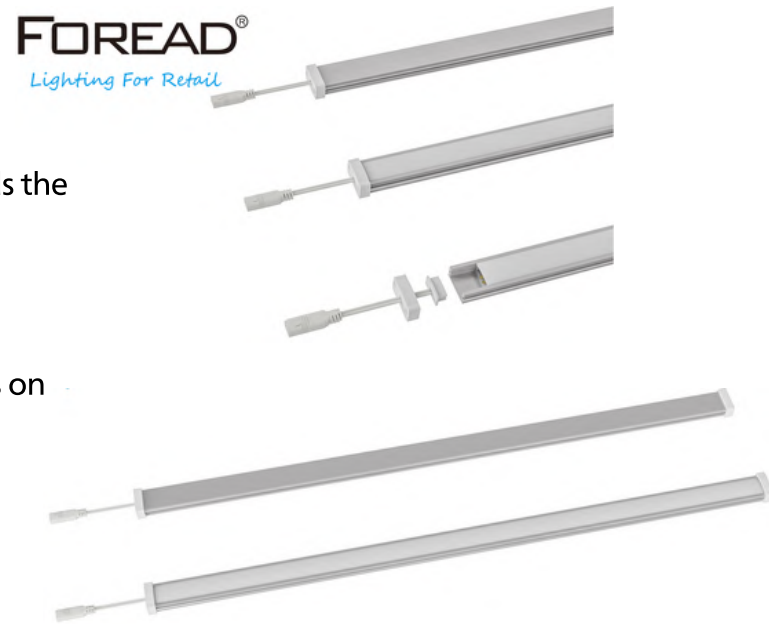
◆ **Technical Data (1 pc)**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/700/ 900/1000/ 1100	3000/4000/ 5000/6000K	120leds/M	12/24VDC	10W	/	120	RA>90	90lm/W	-40~+60°C	IP20

LED 1707 IP44 series

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- Easy to install: led lights with 2 magnets on the back;
- Waterproof:IP44
- 3 years warranty



◆ **Technical Data (1 pc)**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600 900/1000	3000/4000/ 5000/6000K	120leds/M	12/24VDC	10W	/	120	RA>90	90lm/W	-40~+60°C	IP44

LED T5 tube

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- 3 years warranty



◆ **Technical Data (1 pc)**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/750/ 900/1000	3000/4000/ 5000/6000K	120leds/M	12/24VDC	8W/M	/	120	RA≥90	90lm/W	-40~+60°C	IP20

LED 1715 series

Feature:

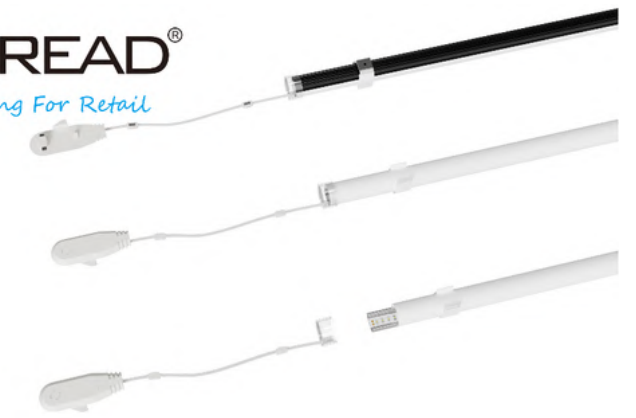
- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- 3 years warranty



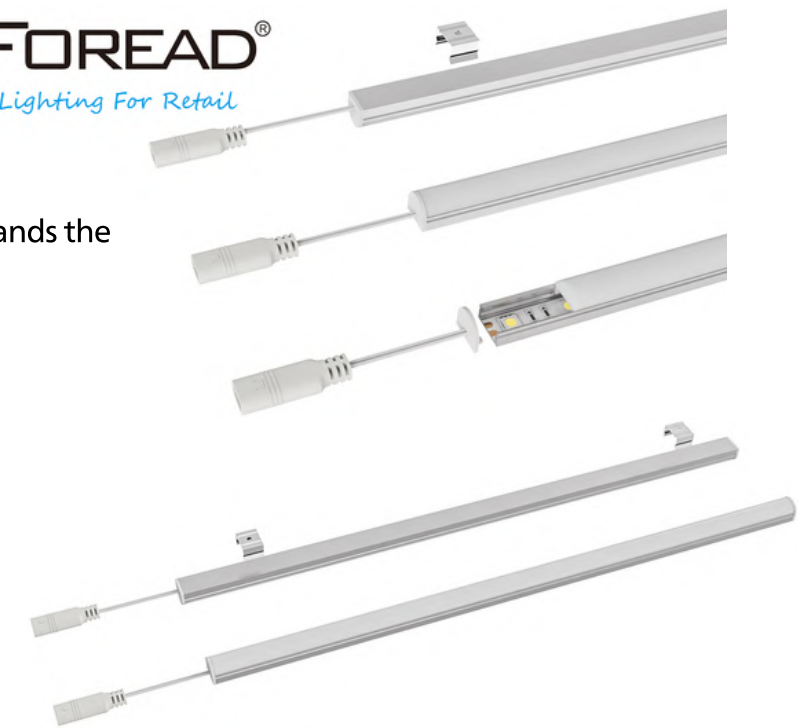
◆ **Technical Data (1 pc)**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/750/ 900/1000	3000/4000/ 5000/6000K	120leds/M	12/24VDC	9W/M	/	120	RA≥90	90lm/W	-40~+60°C	IP20

FOREAD®
Lighting For Retail



FOREAD®
Lighting For Retail

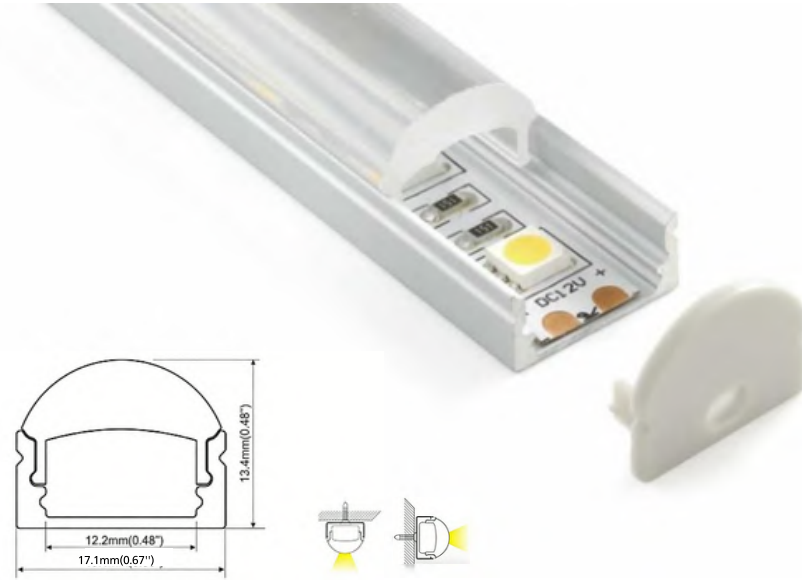


Lens Beam Angle

LED 1713 series

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- 3 years warranty



◆ **Technical Data (1 pc)**

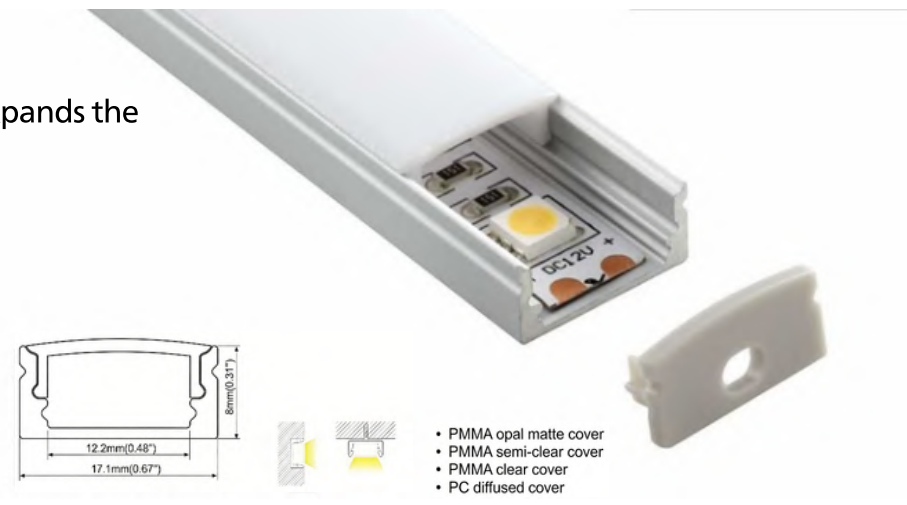
Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/700/900/1000/1100	3000/4000/5000/6000K	120leds/M	12/24VDC	10W	/	120	RA>90	90lm/W	-40~+60°C	IP20

Surface Mounted Series

LED 1708 series

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- 3 years warranty



- PMMA opal matte cover
- PMMA semi-clear cover
- PMMA clear cover
- PC diffused cover

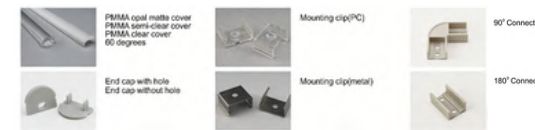
◆ **Technical Data (1 pc)**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/700/900/1000/1100	3000/4000/5000/6000K	120leds/M	12/24VDC	10W	/	120	RA>90	90lm/W	-40~+60°C	IP20

LED 1720 series

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- 3 years warranty



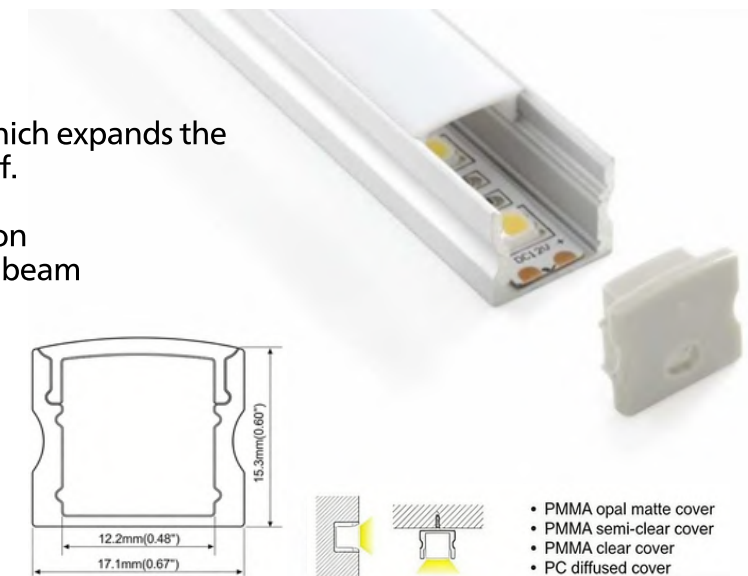
◆ **Technical Data (1 pc)**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/700/900/1000/1100	3000/4000/5000/6000K	120leds/M	12/24VDC	8W/M	/	120	RA≥90	90lm/W	-40~+60°C	IP20

LED 1715 series

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- 3 years warranty



- PMMA opal matte cover
- PMMA semi-clear cover
- PMMA clear cover
- PC diffused cover

◆ **Technical Data (1 pc)**

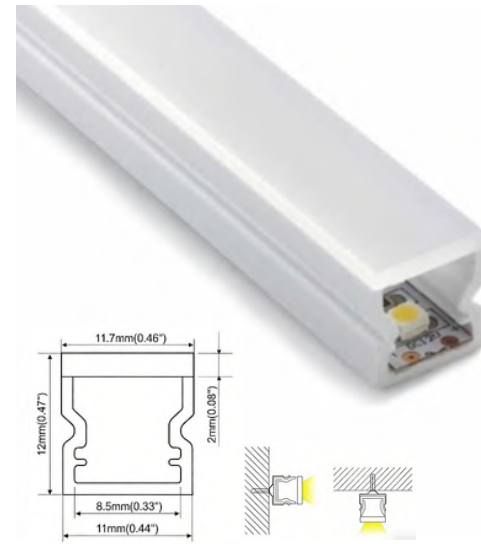
Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/700/900/1000/1100	3000/4000/5000/6000K	120leds/M	12/24VDC	9W/M	/	120	RA≥90	90lm/W	-40~+60°C	IP20

Surface Mounted Series

LED 1212 series

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- 3 years warranty



◆ **Technical Data (1 pc)**

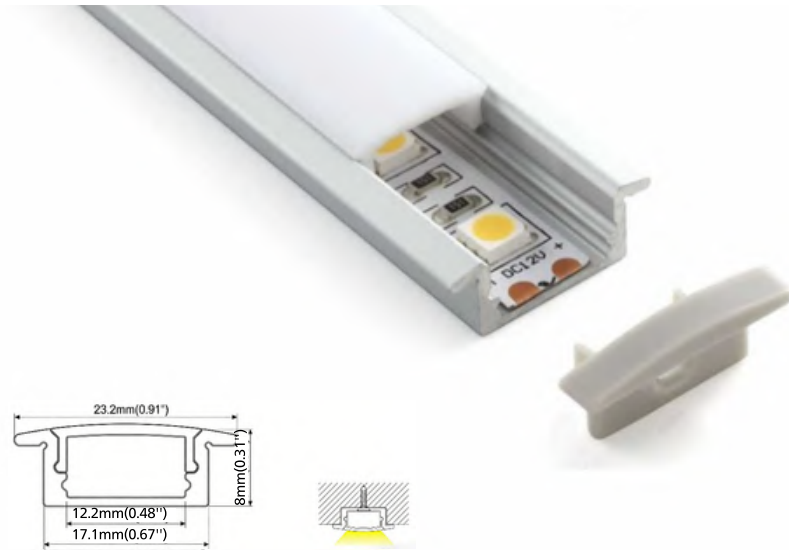
Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/700/ 900/1000/ 1100	3000/4000/ 5000/6000K	120leds/M	12/24VDC	10W	/	120	RA>90	90lm/W	-40~+60°C	IP20

Recessed Series

LED 2308 series

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- 3 years warranty



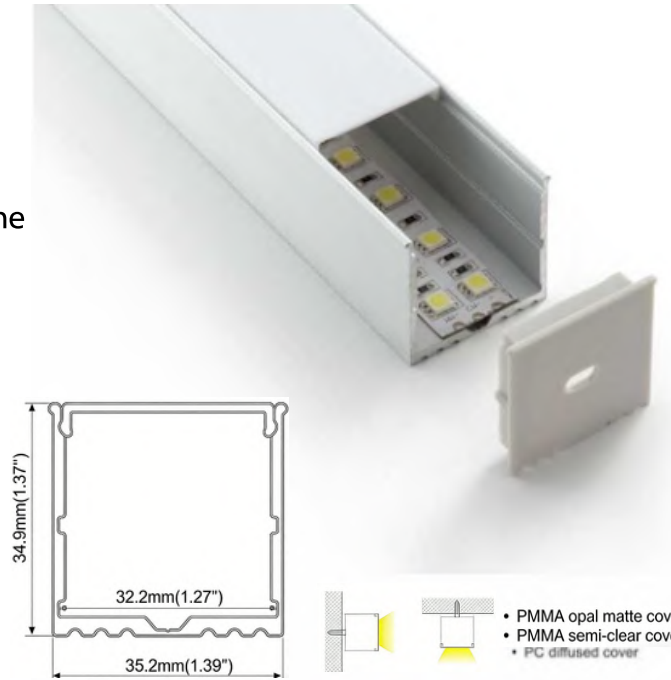
◆ **Technical Data (1 pc)**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/700/ 900/1000/ 1100	3000/4000/ 5000/6000K	120leds/M	12/24VDC	10W	/	120	RA>90	90lm/W	-40~+60°C	IP20

LED 3535 series

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- 3 years warranty



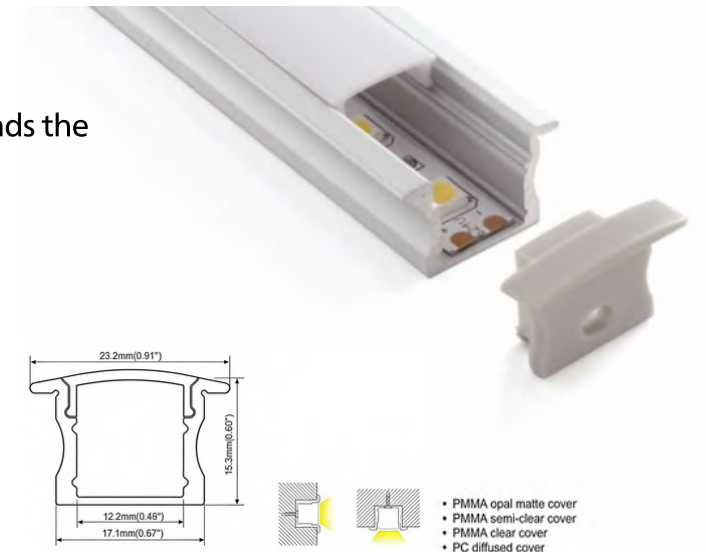
◆ **Technical Data (1 pc)**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/700/ 900/1000/ 1100	3000/4000/ 5000/6000K	120leds/M	12/24VDC	8W/M	/	120	RA≥90	90lm/W	-40~+60°C	IP20

LED 2315 series

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- 3 years warranty



◆ **Technical Data (1 pc)**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/700/ 900/1000/ 1100	3000/4000/ 5000/6000K	120leds/M	12/24VDC	9W/M	/	120	RA≥90	90lm/W	-40~+60°C	IP20

LED 5610 series

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- 3 years warranty



- PMMA opal matte cover
- PMMA semi-clear cover
- PMMA clear cover
- PC diffused cover

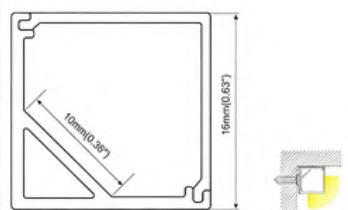
◆ **Technical Data (1 pc)**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/700/900/1000/1100	3000/4000/5000/6000K	120leds/M	12/24VDC	10W	/	120	RA>90	90lm/W	-40~+60°C	IP20

LED 1616A series

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- 3 years warranty



- PMMA opal matte cover
- PMMA semi-clear cover
- PC diffused cover

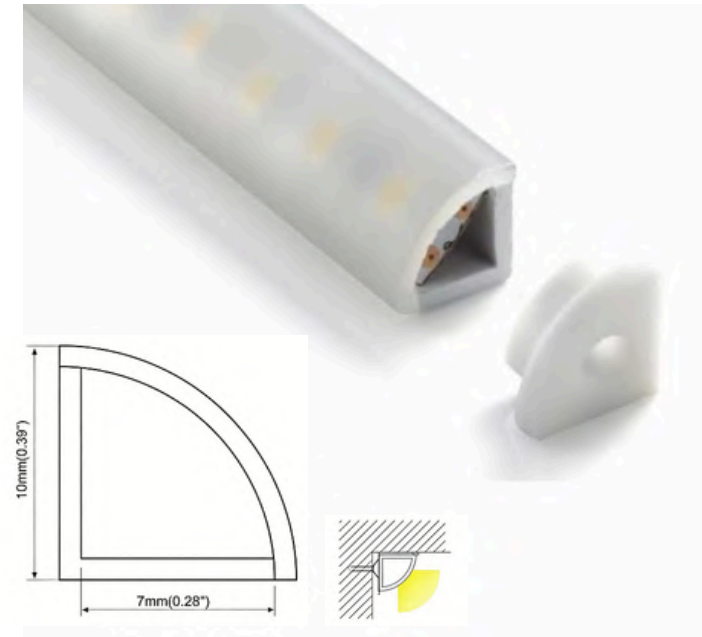
◆ **Technical Data (1 pc)**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/700/900/1000/1100	3000/4000/5000/6000K	120leds/M	12/24VDC	10W	/	120	RA>90	90lm/W	-40~+60°C	IP20

Corner installation Series
LED 1007series

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- 3 years warranty



◆ **Technical Data (1 pc)**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/700/900/1000/1100	3000/4000/5000/6000K	120leds/M	12/24VDC	8W/M	/	120	RA≥90	90lm/W	-40~+60°C	IP20

LED 1616P series

Feature:

- High Lumen: > 90 LM/ W
- The beam angle > 120° , which expands the illuminated area on the shelf.
- Available in various colors
- Very low energy consumption
- No UV radiation in the light beam
- 3 years warranty

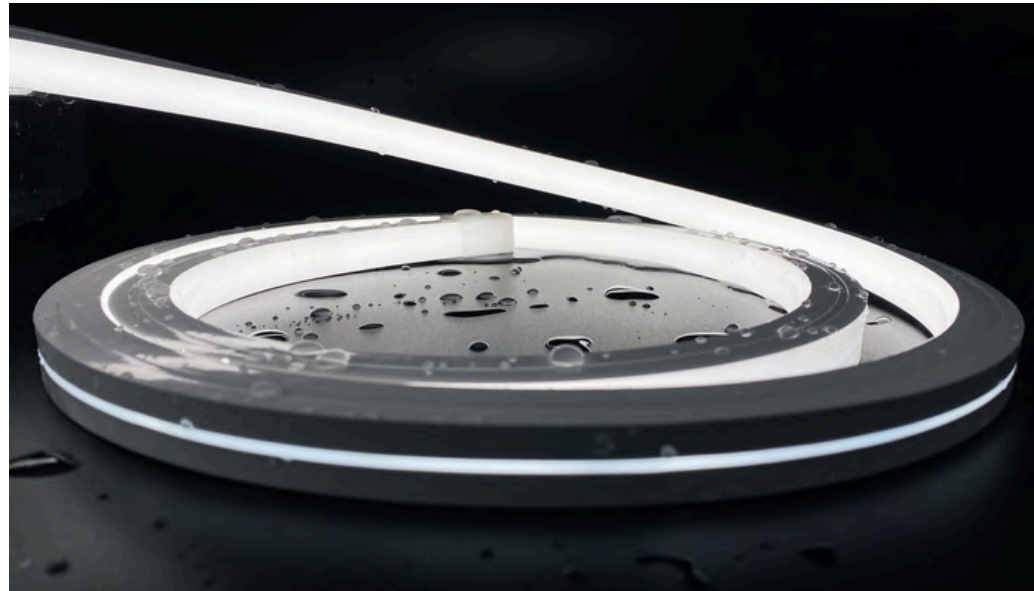


- PMMA opal matte cover
- PMMA semi-clear cover
- PC diffused cover

◆ **Technical Data (1 pc)**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
le600/700/900/1000/1100	3000/4000/5000/6000K	120leds/M	12/24VDC	9W/M	/	120	RA≥90	90lm/W	-40~+60°C	IP20

LED Neon rope

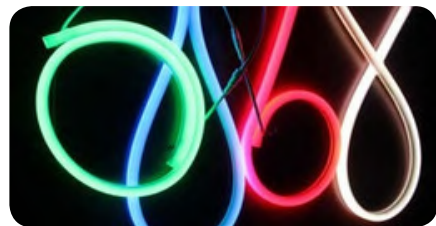


Silicone intetrated extrusion 20 x 20mm Side bend



LED Neon rope

LED Neon rope Free from glare

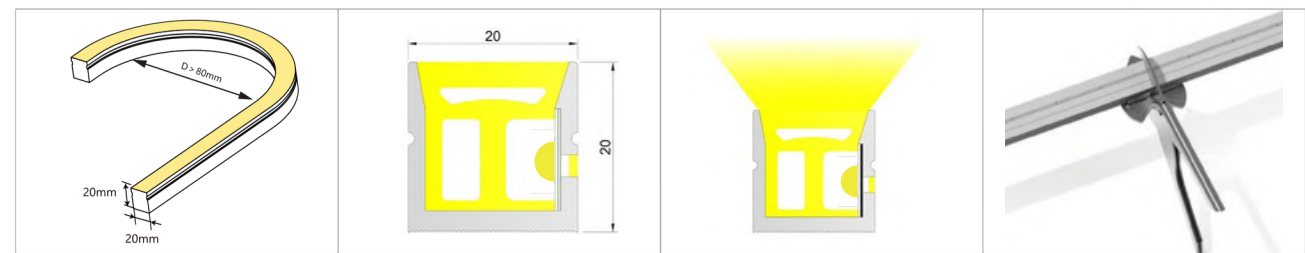


Available in various colors includes red, amber, green, blue, warm white, neutral white and warm white.



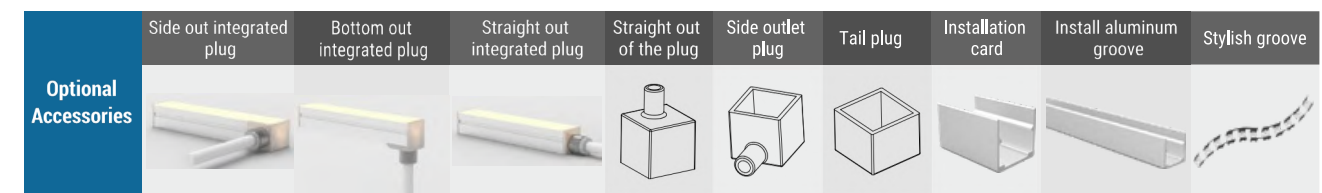
◆ Product Features:

- Eco-friendly Silicone: High light transmittance, flexible and bendable for complex spaces.
- Uniform Lighting: 20mm luminous surface, compatible with monochrome/RGB/RGBW/SPI/DMX strips.
- Durable & Safe: IP67 waterproof, flame-retardant silicone, with full aluminum mounting accessories.

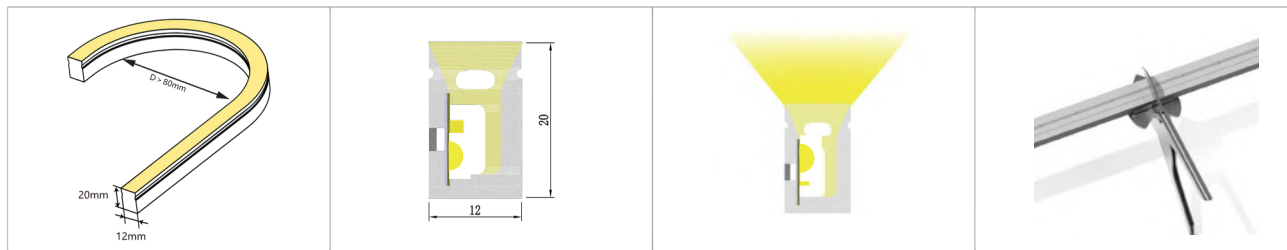
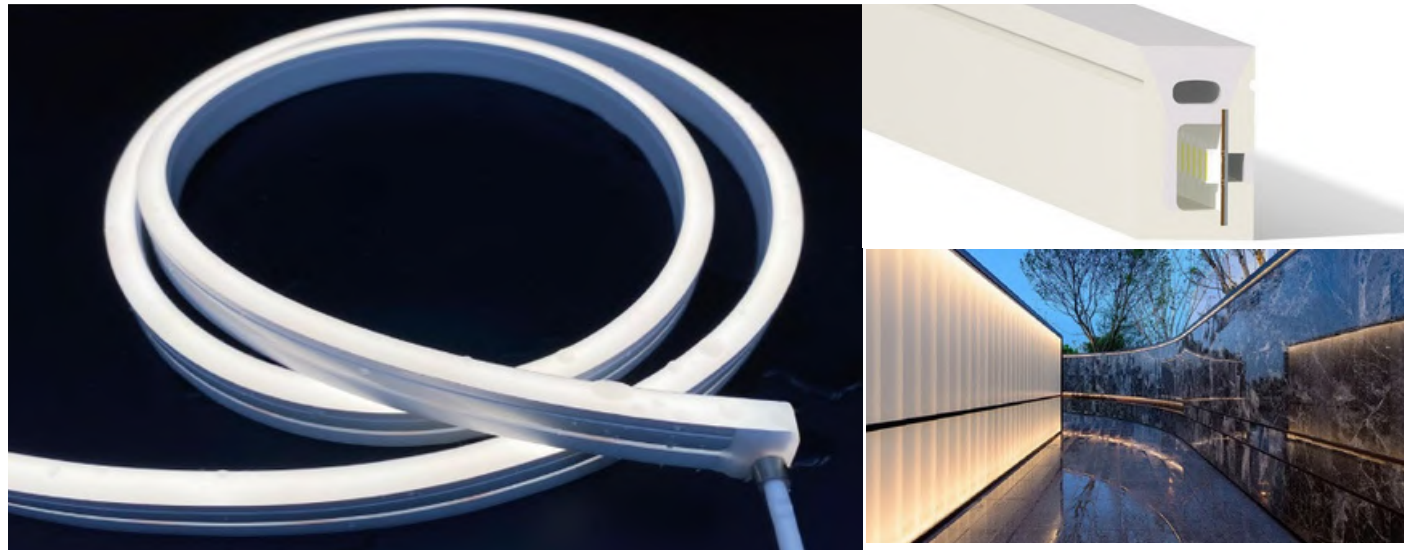


◆ Parameters

Section size: W20 * H20mm	Recommended LED beads: 2835/5050/COB	Luminous angle: 120 degrees
Luminous surface: 20mm	Recommended number of lights: 480 lights/320 lights	Working temperature: Ta: -30~50° C
Applicable board width: 10/12 mm	Process: Two color integrated extrusion	Storage temperature: 0° C~60° C
Bending direction: side bending	Material: Silicone	Back window: Yes, visible cutting line
Recommended power: 15W/M	Protection level: IP67	Same size plug: one-piece molding, side outlet, bottom outlet, straight outlet

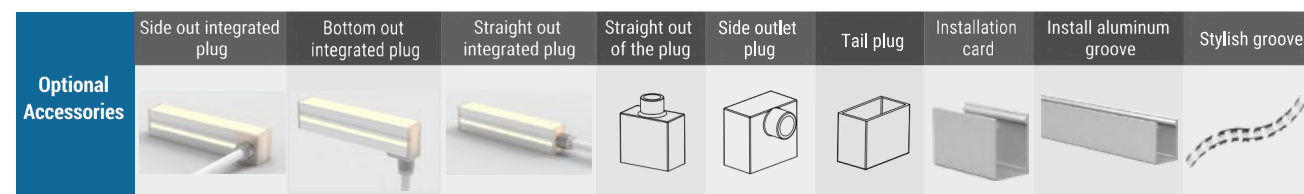


Silicone intetrated extrusion 12 x 20mm Side bend

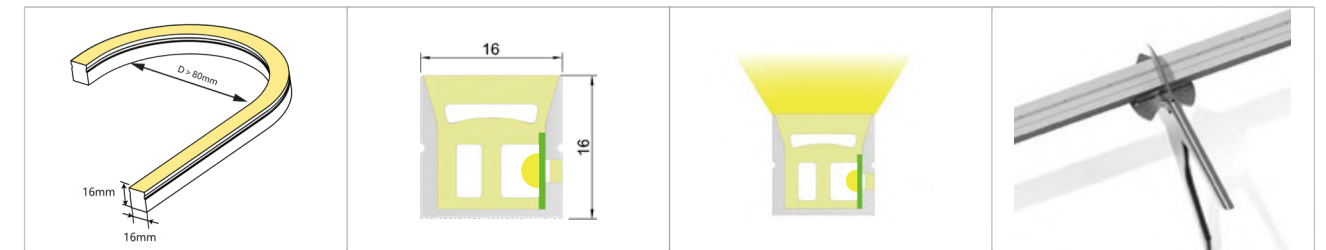
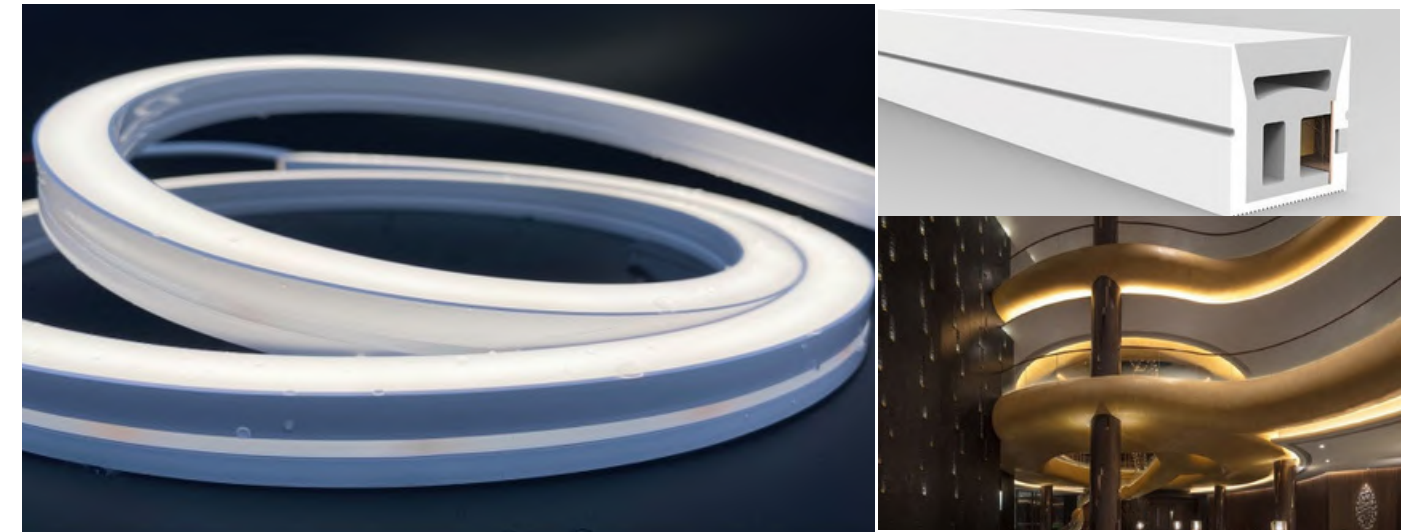


◆ Parameters

Section size: W10 * H20mm	Recommended LED beads: 2835/5050/COB	Luminous angle: 120 degrees
Luminous surface: 10mm	Recommended number of lights: 480 lights/320 lights	Working temperature: Ta: -30~50 ° C
Applicable board width: 10/12mm	Process: Two color integrated extrusion	Storage temperature: 0 ° C~60 ° C
Bending direction: side bending	Material: Silicone	Back window: Yes, visible cutting line
Recommended power: 15W/M	Protection level: IP67	Same size plug: one-piece molding, side outlet, bottom outlet, straight outlet

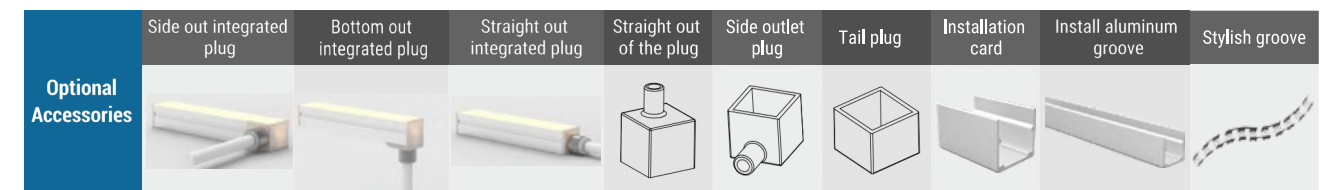


Silicone intetrated extrusion 16 x 16mm Side bend

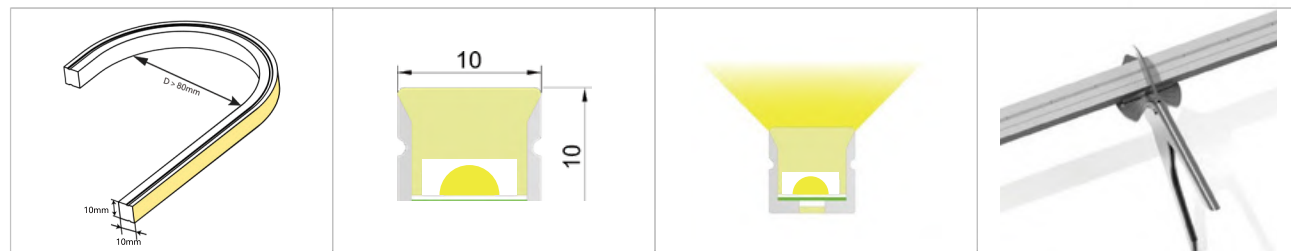
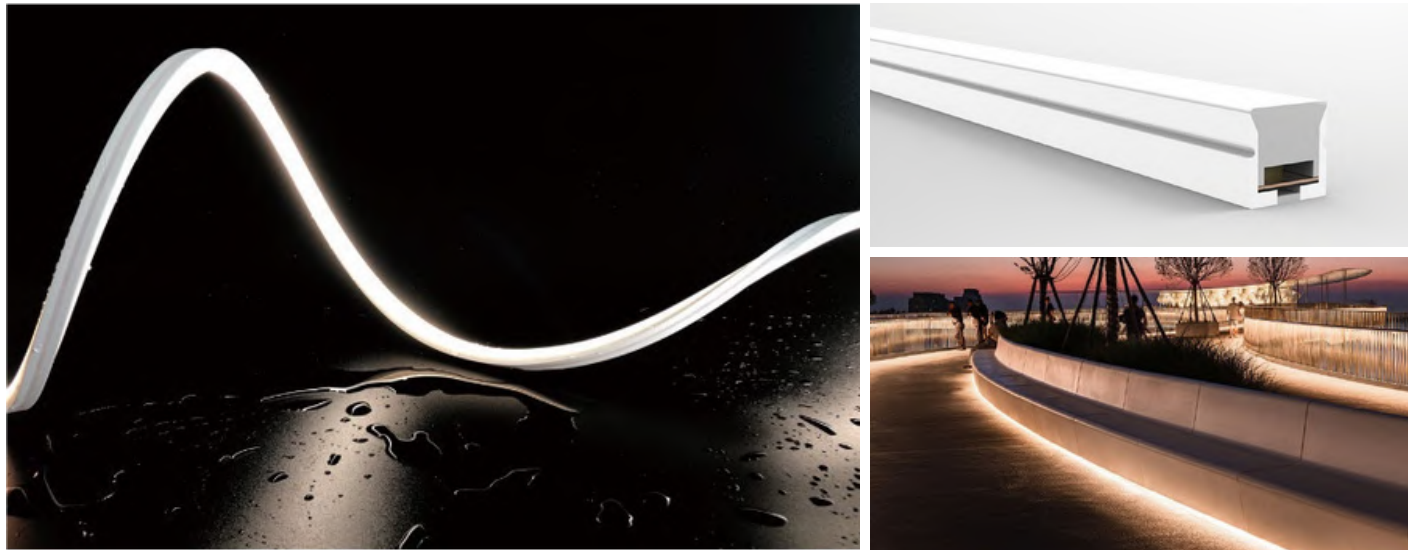


◆ Parameters

Section size: W16 * H16mm	Recommended LED beads: 2835/5050/COB	Luminous angle: 120 degrees
Luminous surface: 16mm	Recommended number of lights: 480 lights/320 lights	Working temperature: Ta: -30~50 ° C
Applicable board width: 10/12mm	Process: Two color integrated extrusion	Storage temperature: 0 ° C~60 ° C
Bending direction: side bending	Material: Silicone	Back window: Yes, visible cutting line
Recommended power: 15W/M	Protection level: IP67	Same size plug: one-piece molding, side outlet, bottom outlet, straight outlet

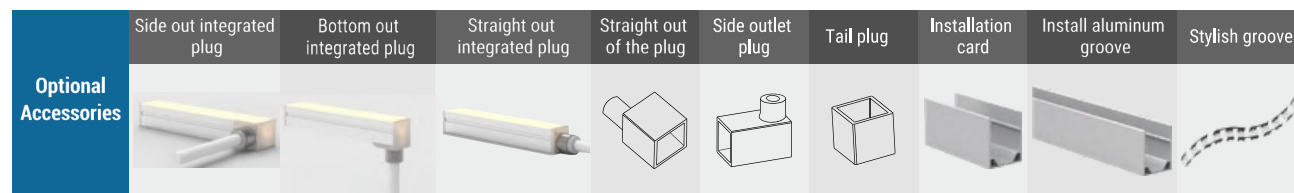


Silicone intetrated extrusion 10x 10mm Positive bending

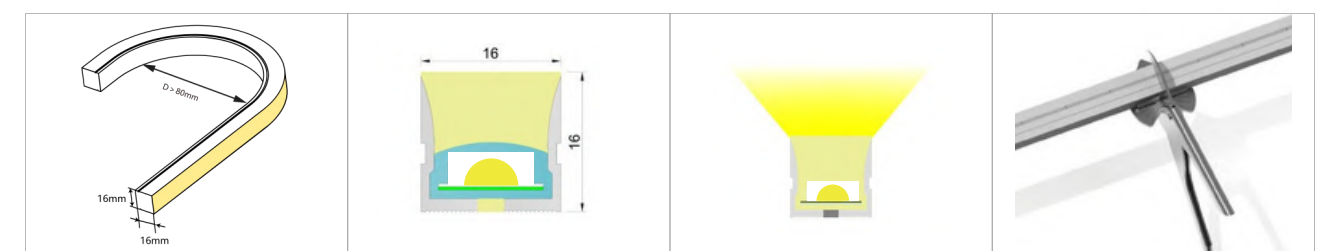


Parameters

Section size: W10 * H10mm	Recommended LED beads: 2835/COB	Luminous angle: 120 degrees
Luminous surface: 10mm	Recommended number of lights: 480 lights/320 lights	Working temperature: Ta: -30~50 ° C
Applicable board width: 8mm	Process: Two color integrated extrusion	Storage temperature: 0 ° C~60 ° C
Bending direction: Positive bending	Material: Silicone	Back window: Yes, visible cutting line
Recommended power: 10W/M	Protection level: IP67	Same size plug: one-piece molding, bottom outlet, side outlet

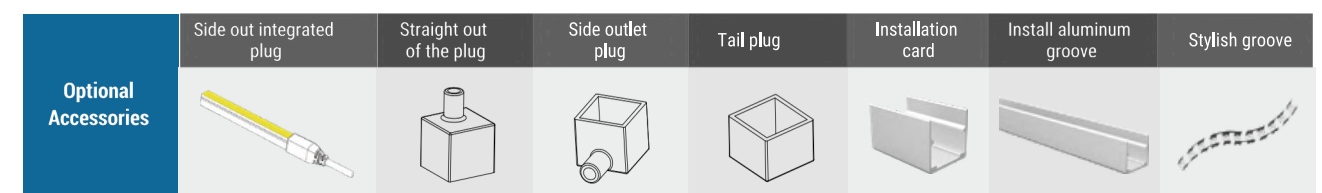


Silicone intetrated extrusion 16x 16mm Positive bending Secondary extrusion



Parameters

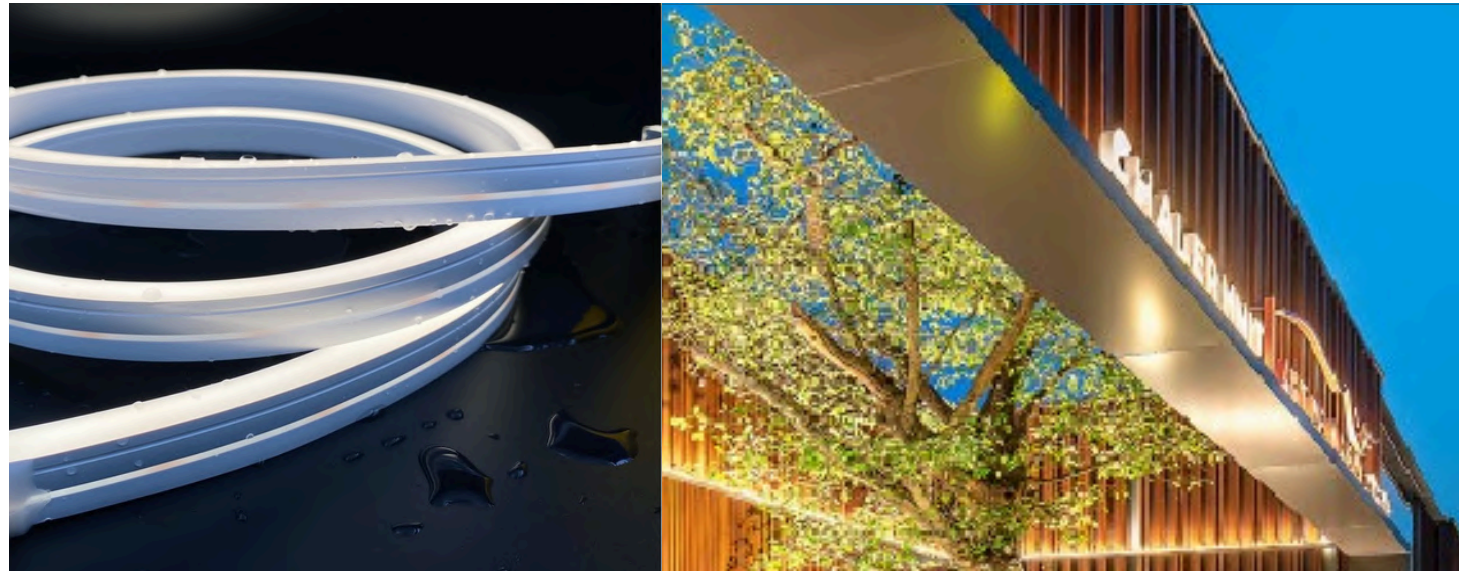
Section size: W16 * H16mm	Recommended LED beads: 2835/5050/COB	Luminous angle: 120 degrees
Luminous surface: 16mm	Recommended number of lights: 480 lights/320 lights	Working temperature: Ta: -30~50 ° C
Applicable board width: 10/12mm	Process: Two color integrated extrusion	Storage temperature: 0 ° C~60 ° C
Bending direction: Positive bending	Material: Silicone	Back window: Yes, visible cutting line
Recommended power: 12W/M	Protection level: IP68	Molded plug: fully enclosed integrated molding, straight out wire



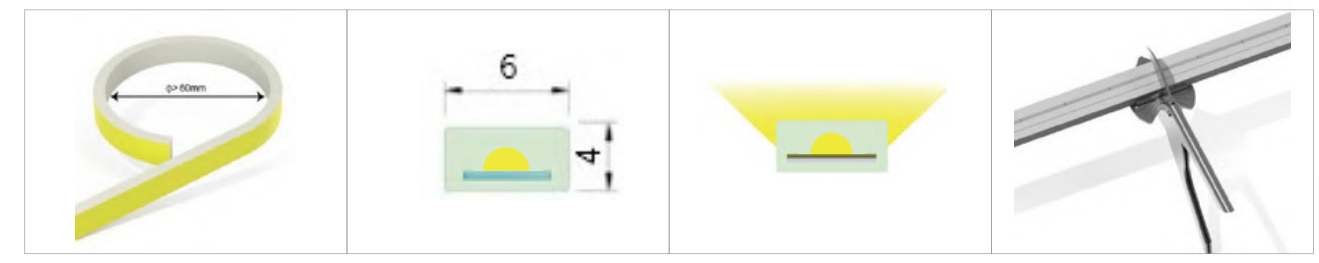
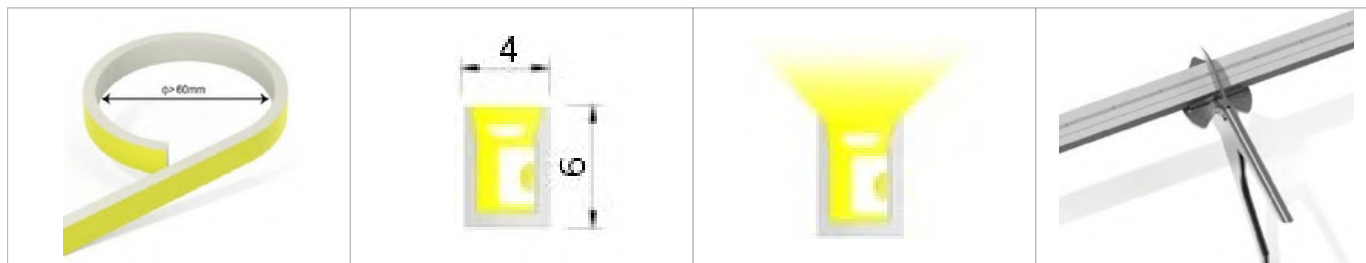
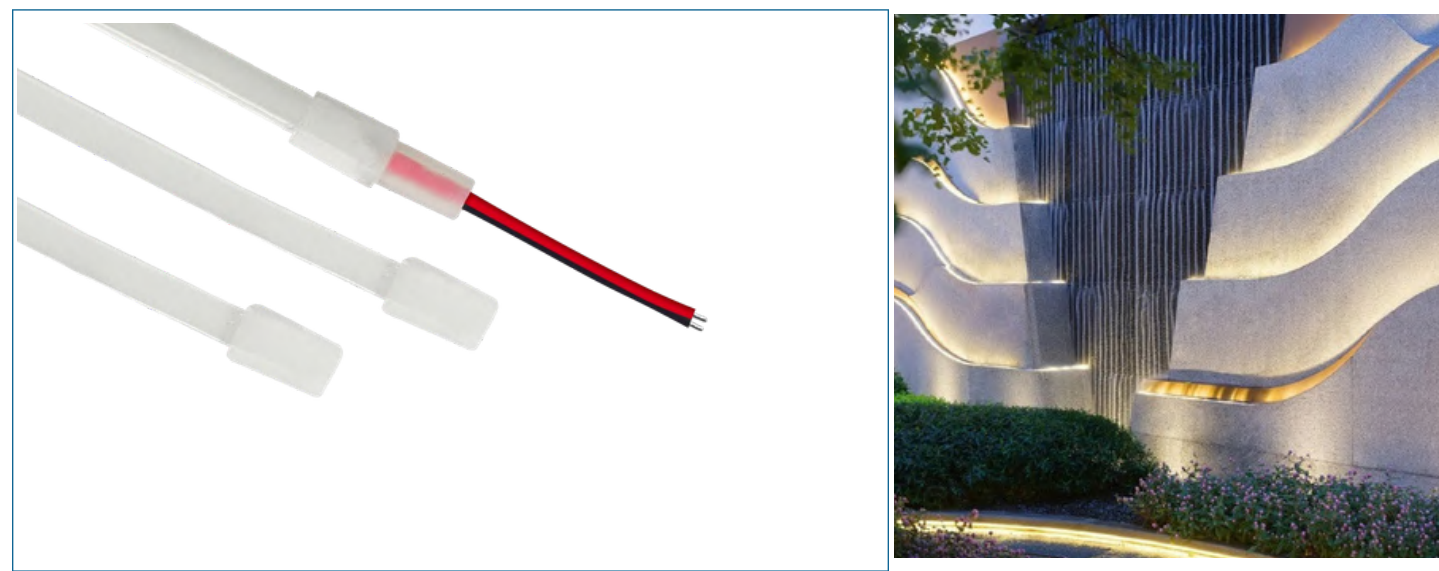
LED Neon rope

LED Neon rope

Silicone intetrated extrusion 6 x 4mm Side bend



Silicone intetrated extrusion 6x 4mm Positive bend



◆ **Parameters**

Section size: W6 * H4mm	Recommended number of lights: 480 lights/320 lights	Working temperature: Ta: -30~50 ° C
Luminous surface: 6mm	Process: Two color integrated extrusion	Storage temperature: 0 ° C~60 ° C
Applicable board width: 4 mm	Material: Silicone	Back window: none, visible cutting line
Bending direction: side bending	Protection level: IP65	
Recommended power: 5W/M	Luminous angle: 120 degrees	

	Straight out of the plug	Tail plug	Installation card			
Optional Accessories						

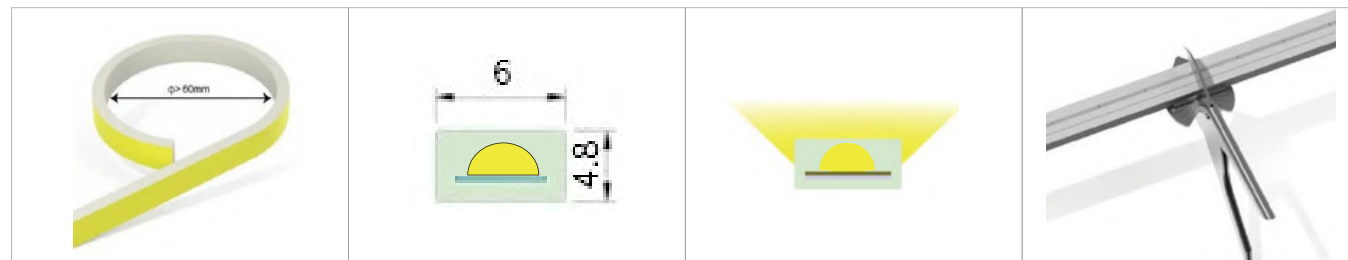
◆ **Parameters**

Section size: W6 * H4mm	Recommended number of lights: 480 lights/320 lights	Working temperature: Ta: -30~50 ° C
Luminous surface: 6mm	Process: Single color hollow core co extrusion	Storage temperature: 0 ° C~60 ° C
Applicable board width: 4mm	Material: Silicone	Back window: none, visible cutting line
Bending direction: positive bending	Protection level: IP65	
Recommended power: 5W/M	Luminous angle: 120 degrees	

	Straight out of the plug	Tail plug	Installation card			
Optional Accessories						

LED Silicone series

Silicone intetrated extrusion 6x 5mm Positive bending

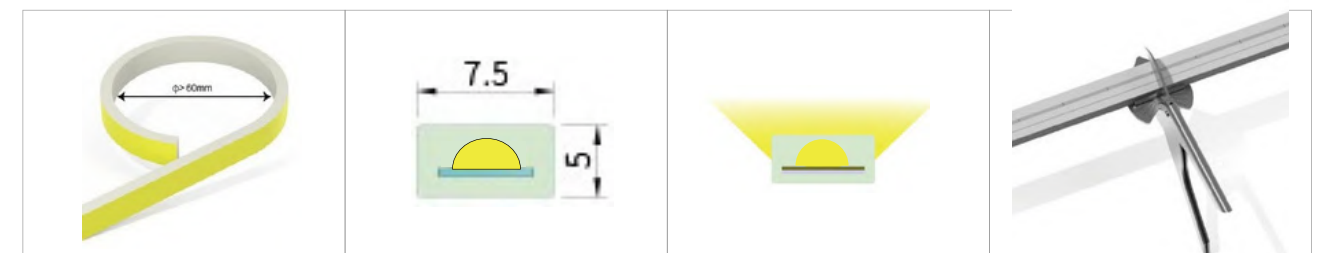


◆ Parameters

Section size: W6 * H4.8mm	Recommended number of lights: 480 lights/320 lights	Working temperature: Ta: -30~50 ° C
Luminous surface: 6mm	Process: Single color hollow core co extrusion	Storage temperature: 0 ° C~60 ° C
Applicable board width: 4mm	Material: Silicone	Back window: none, visible cutting line
Bending direction: positive bending	Protection level: IP67	
Recommended power: 5W/M	Luminous angle: 120 degrees	

Optional Accessories	Straight out of the plug	Tail plug	Installation card			

Silicone intetrated extrusion 7.5x 5mm Positive bending



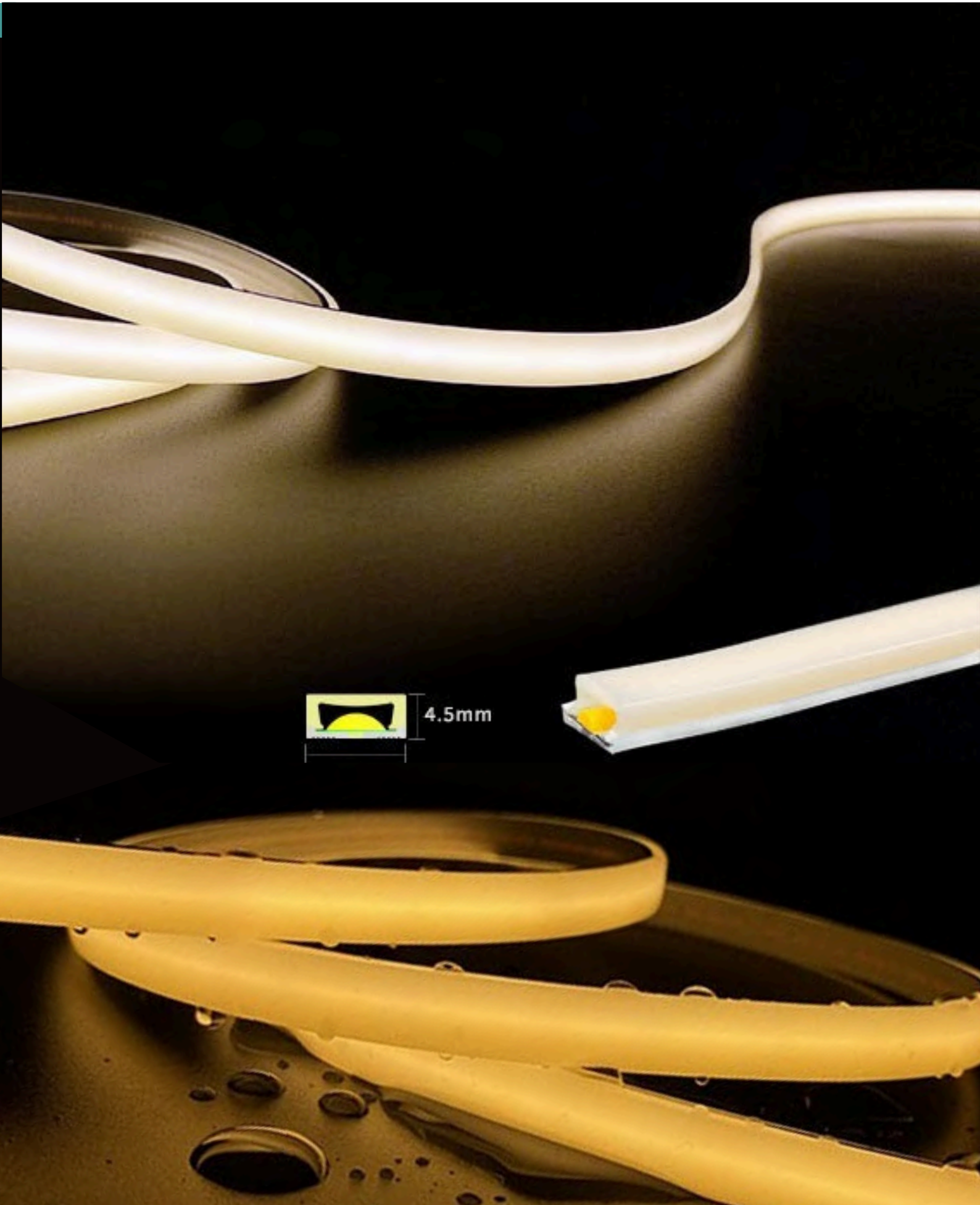
◆ Parameters

Section size: W7.5 * H5mm	Recommended LED beads: 2835/5050/COB	Luminous angle: 120 degrees
Luminous surface: 7.5mm	Recommended number of lights: 480 lights/320 lights/SMD120 lights	Working temperature: Ta: -30~50 ° C
Applicable board width: 4mm	Process: Monochrome solid core co extrusion	Storage temperature: 0 ° C~60 ° C
Bending direction: positive bending	Material: Silicone	Back window: none, visible cutting line
Recommended power: 7W/M	Protection level: IP68	

Optional Accessories	Straight out of the plug	Tail plug	Installation card			

LED Silicone series

COB LED strip with silicone intetrated extrusion 10 x 4.5 mm Positive bending



LED COB series



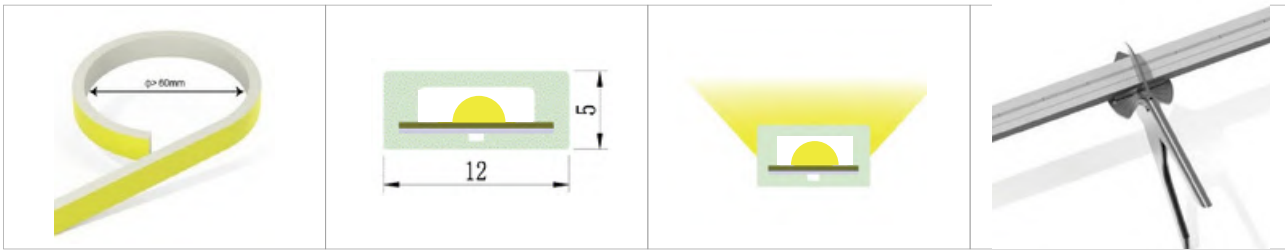
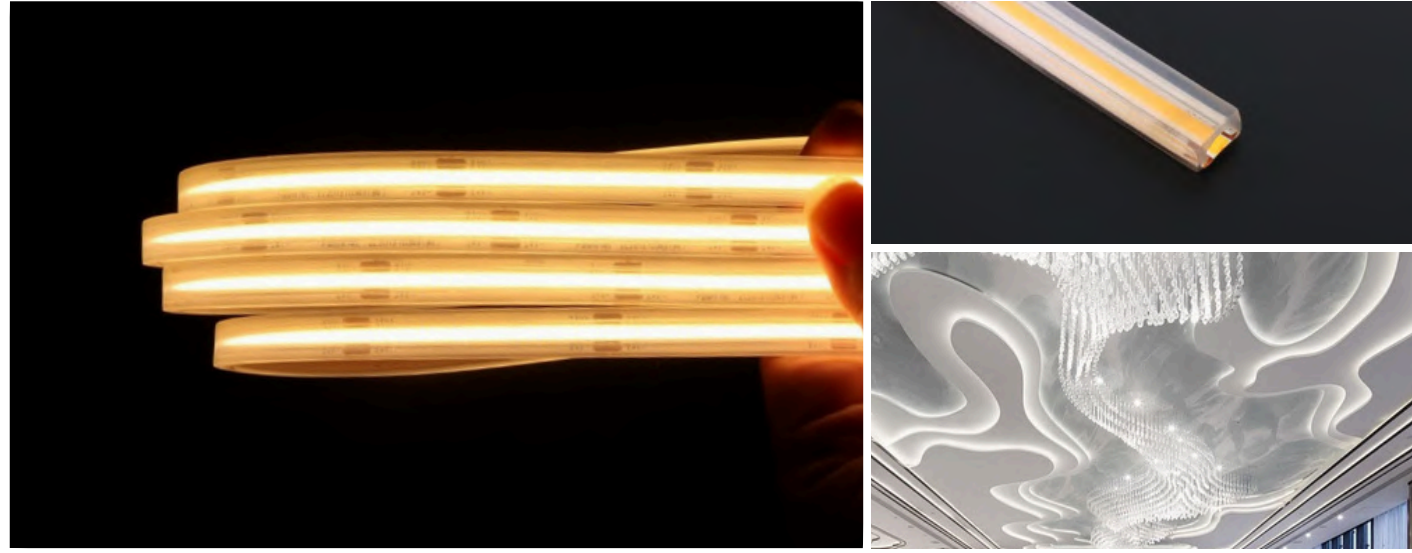
◆ **Parameters**

Section size: W10 * H4.5mm	Recommended LED beads: 2835/COB	Luminous angle: 120 degrees
Luminous surface: 10mm	Recommended number of lights: 480 lights/320 lights	Working temperature: Ta: -30~50 ° C
Applicable board width: 8mm	Process: Two color integrated extrusion	Storage temperature: 0 ° C~60 ° C
Bending direction: positive bending	Material: Silicone	Back window: none, visible cutting lines on the surface
Recommended power: 10W/M	Protection level: IP67	

Optional Accessories	Non soldering connection terminal	Non soldering terminal block	Welding free splicing terminal	Straight out of the plug	Tail plug	Installation card

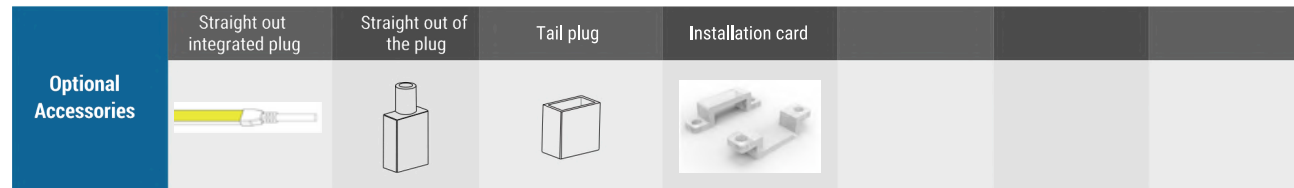
LED COB series

Silicone intetrated extrusion 12 x 5 mm Positive bending



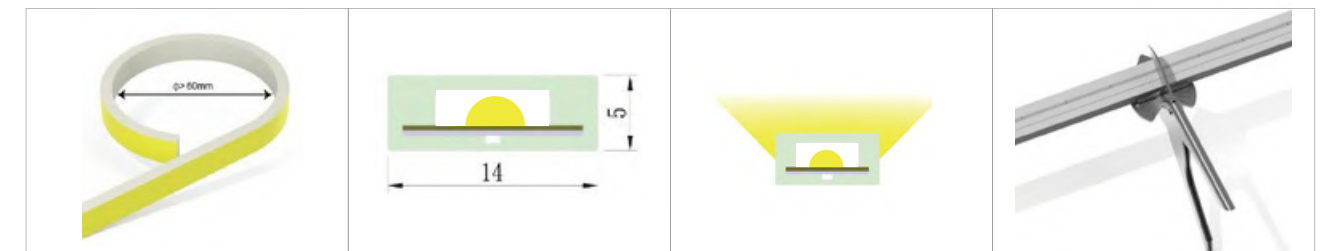
◆ **Parameters**

Section size: W12 * H5mm	Recommended LED beads: 2835/5050/COB	Luminous angle: 120 degrees
Luminous surface: 12mm	Recommended number of lights: 480 lights/320 lights/SMD120 lights	Working temperature: Ta: -30~50 ° C
Applicable board width: 10mm	Process: Single color hollow core co extrusion	Storage temperature: 0 ° C~60 ° C
Bending direction: positive bending	Material: Silicone	Back window: none, visible cutting line
Recommended power: 5W/M, 10W/M, 15W/M	Protection level: IP67	Molded plug: fully integrated molding, straight out wire



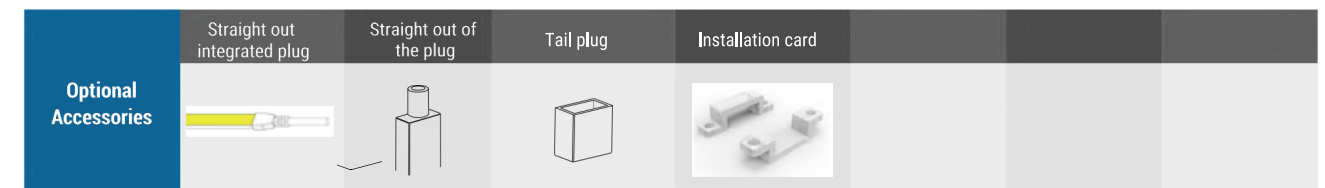
LED COB series

Silicone intetrated extrusion 14 x 5 mm Positive bending



◆ **Parameters**

Section size: W14 * H5mm	Recommended LED beads: 2835/5050/COB	Luminous angle: 120 degrees
Luminous surface: 14mm	Recommended number of lights: 480 lights/320 lights/SMD120 lights	Working temperature: Ta: -30~50 ° C
Applicable board width: 12mm	Process: Single color hollow core integrated extrusion	Storage temperature: 0 ° C~60 ° C
Bending direction: positive bending	Material: Silicone	Back window: none, visible cutting lines on the surface
Recommended power: 5W/M, 10W/M, 15W/M	Protection level: IP67	Molded plug: fully integrated molding, straight out wire



High Voltage LED Strip

High Voltage LED Strip

SMD 2835 120LED/M 8W
110LM/W
RA>90 50M/reel
110V/127V/220V/260V



◆ **Technical Data**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V AC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
2835UVWx-120-220VW	2700-6500K	120	110-240	8	0.03	120	RA>90	890	-40~+60° C	IP67/Nano
2835UVWx-120-220VF	2700-6500K	120	110-240	8	0.03	120	RA>90	890	-40~+60° C	IP20

High Voltage LED Strip

SMD 5050 60LED/M 12W
110LM/W
RA>90 50M/reel
110V/127V/220V/260V



◆ **Technical Data**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V AC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
5050UVWx-60-220VW	2700-6500K	60	110-240	12	0.05	120	RA>90	1320	-40~+60° C	IP67
5050UVWx-60-220VF	2700-6500K	60	110-240	12	0.05	120	RA>90	1320	-40~+60° C	IP20

High Voltage LED Strip

SMD 2835 180LED/M 12W
110LM/W
RA>90 50M/reel
110V/127V/220V/260V



◆ **Technical Data**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V AC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
2835UVWx-180-220VW	2700-6500K	180	110-240	12	0.05	120	RA>90	1320	-40~+60° C	IP65
2835UVWx-180-220VF	2700-6500K	180	110-240	12	0.05	120	RA>90	1320	-40~+60° C	IP20

High voltage RGB strip

SMD 5050 60LED/M 12W
RA>90 50M/reel
110V/127V/220V/260V

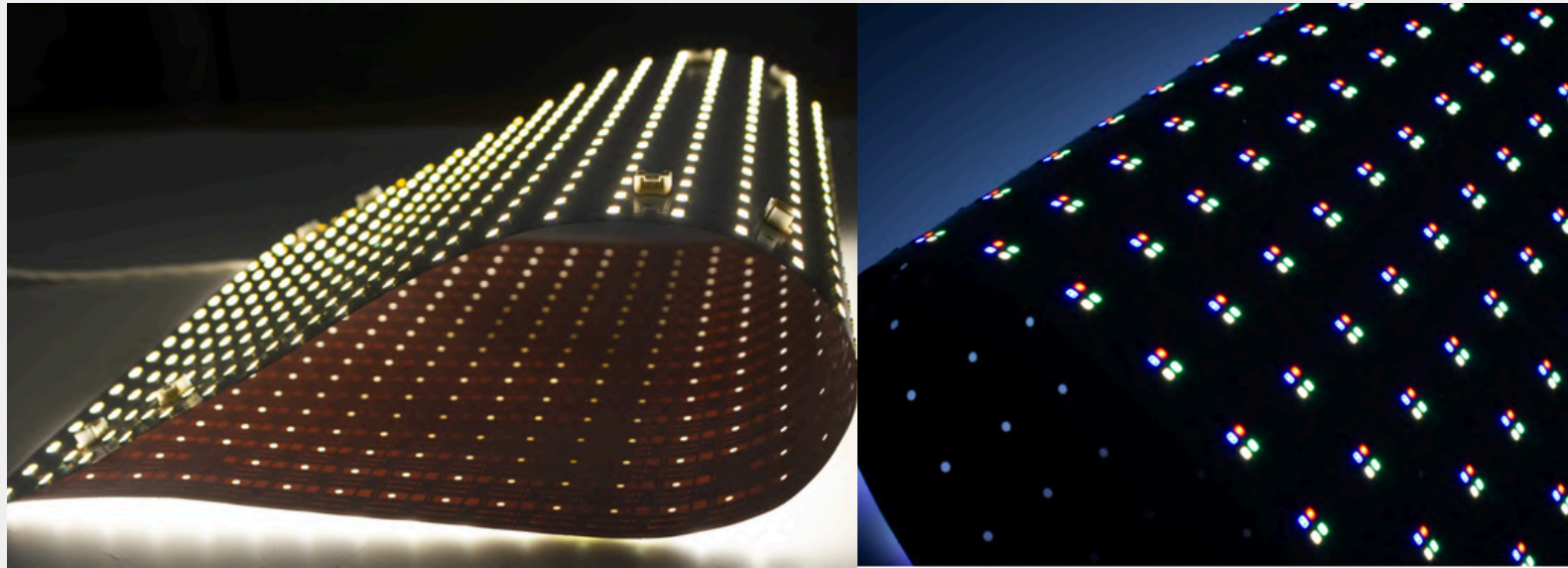


◆ **Technical Data**

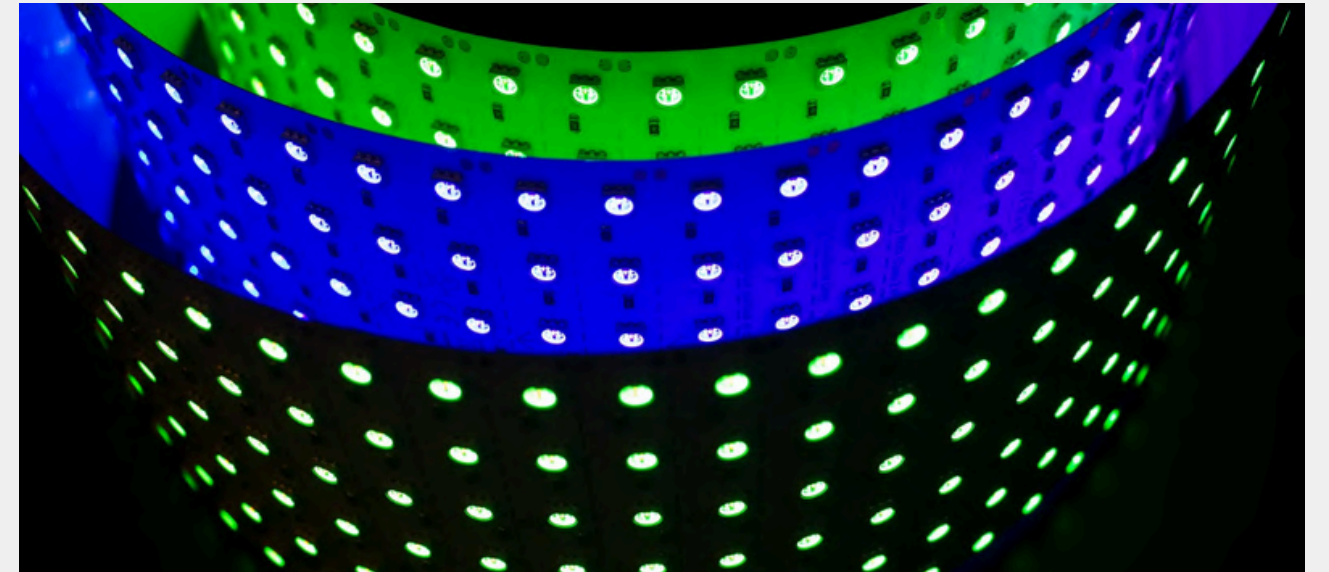
Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V AC)	Power (W)	Current (A)	Radiance Angle (°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
5050UVWx-60-220VW	RGB	60	110~240	12	0.05	120	RA>90	/	-40~+60° C	IP67
5050UVWx-60-220VF	RGB	60	110~240	12	0.05	120	RA>90	/	-40~+60° C	IP20

High Voltage LED Strip

High Voltage LED Strip

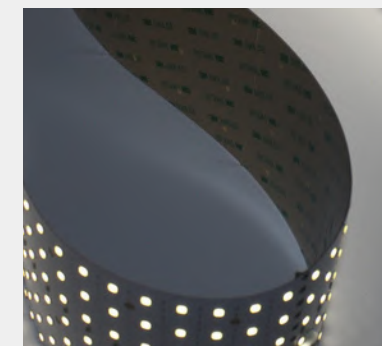
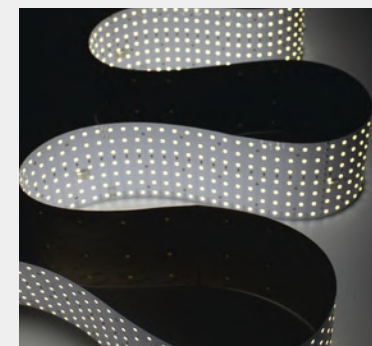
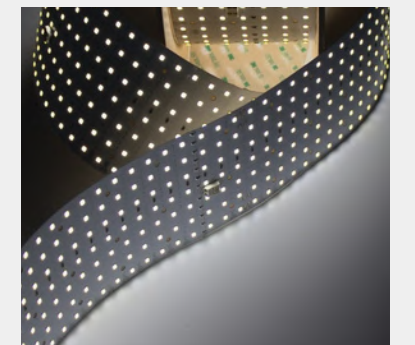
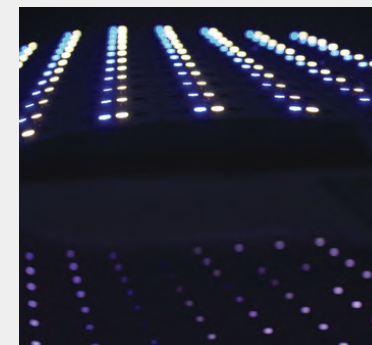
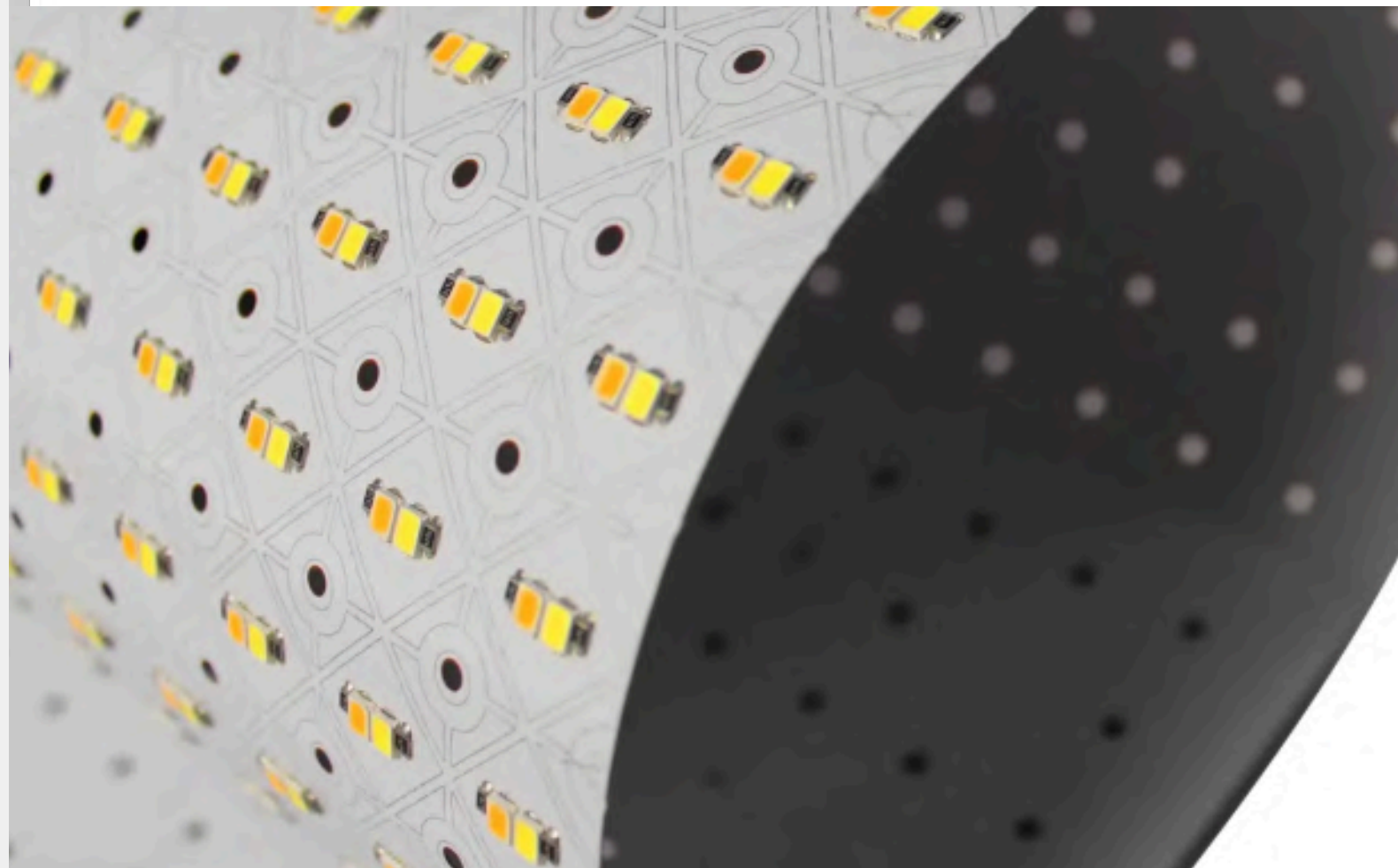


- Ultra-Thin, Flexible Design for Tight & Curved Spaces
- Cuttable & Customizable LED Sheets for Any Form
- Uniform, Shadow-Free Illumination for Professional Results
- Cost & Energy Efficiency with Long Service Life
- Versatile Applications Across Commercial & Residential Projects
- Safer, Greener Lighting (Low-Voltage & Recyclable)
- Simple Installation & Low Maintenance



LED Light Sheet

- From retail displays and museum exhibits to hospitality, healthcare, and residential interiors, LED sheets adapt to almost any use case:
- Backlit signage, acrylics, and graphics
- Architectural accents (walls, ceilings, columns, furniture)
- Shelving, showcases, and product displays
- Mood and feature lighting in hotels, restaurants, and homes





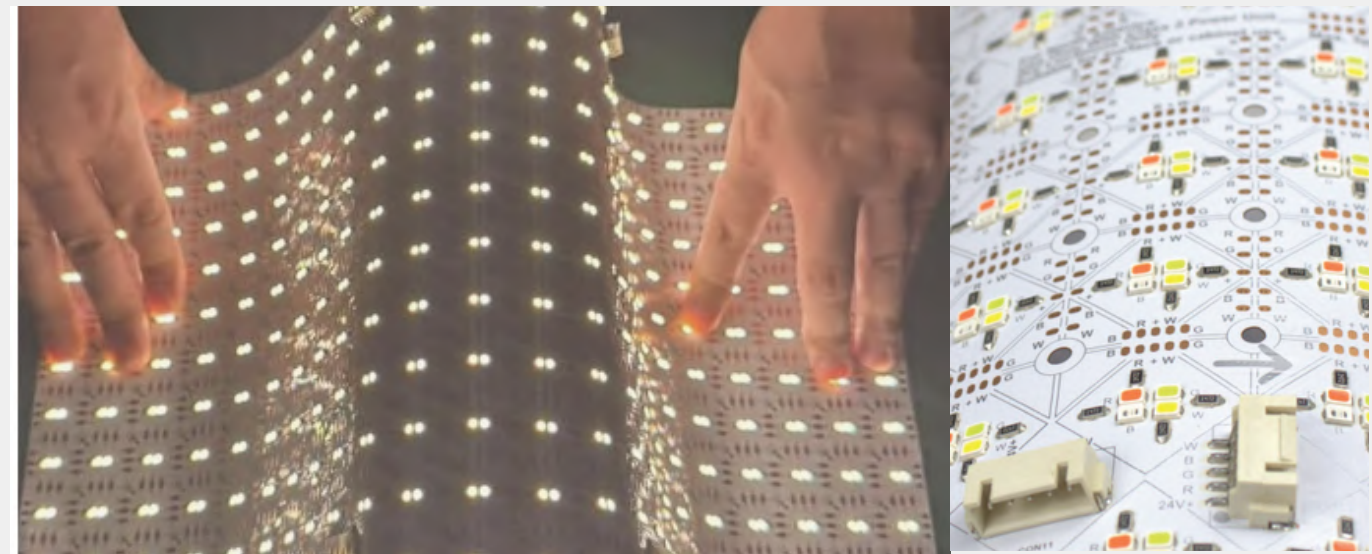
What Are LED Sheets and How Are They Made?

- A typical LED sheet contains:
 - Substrate layer: polycarbonate, acrylic, or PCB for stability.
 - LED chips: surface-mounted in a grid pattern.
 - Circuit traces: copper or conductive ink pathways.
 - Diffusion layer: optical film or laser-etched acrylic for even light spread.
 - Optional adhesive backing for simple mounting.

- LED Types & Color Temperatures
 - SMD 2835: efficient, compact, used for general lighting.
 - SMD 5050: brighter, supports RGB/RGBW.
 - SMD 3528: decorative, lower brightness.
 - Color temps: warm white (2700K), neutral, cool white (6500K+), and RGBW options.

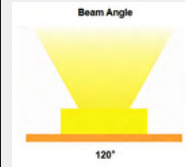
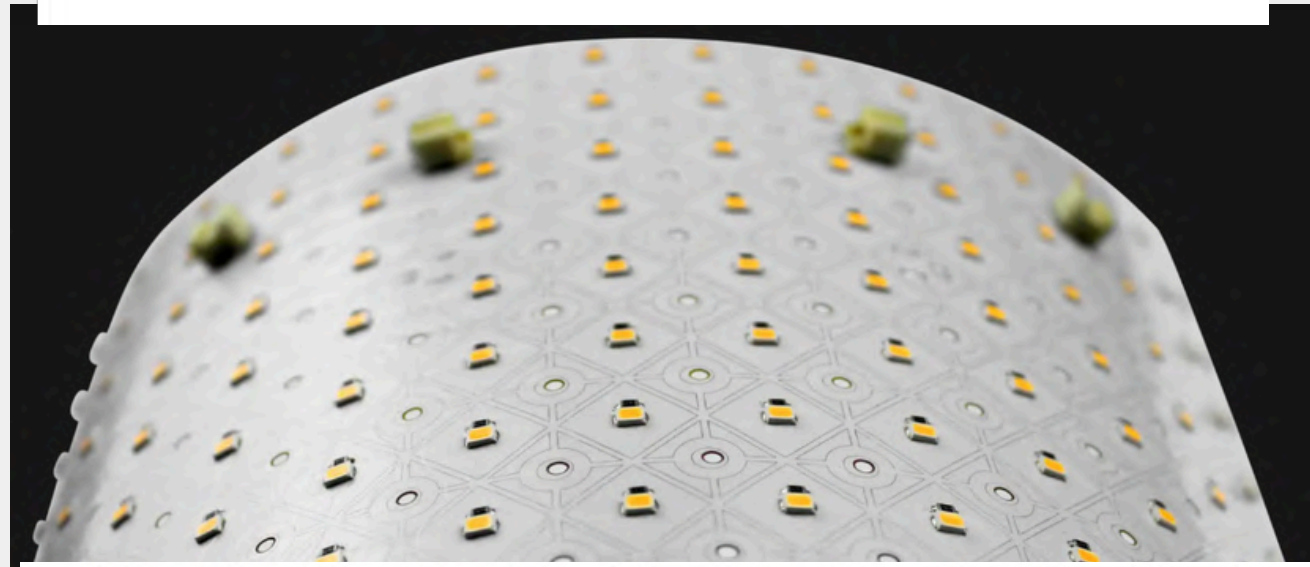
- Power Standards & Voltage Options
 - 12V DC: small installs (under-cabinet, signage).
 - 24V DC: larger sheets, reduced voltage drop.
 - 36–48V DC: industrial projects.

- Power Consumption & Current Ratings
 - Draw: 3W – 20W per ft²
 - Current: varies by density (measured in mA or A).



LED Strip Series

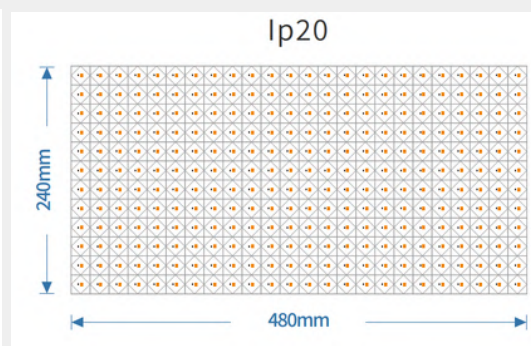
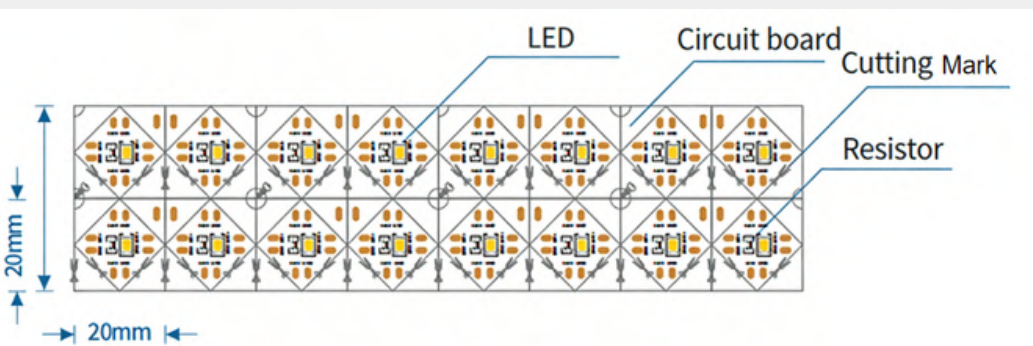
LED Light Sheet single color 288D*2-24W-240*480MM



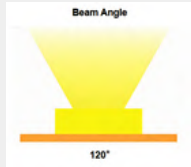
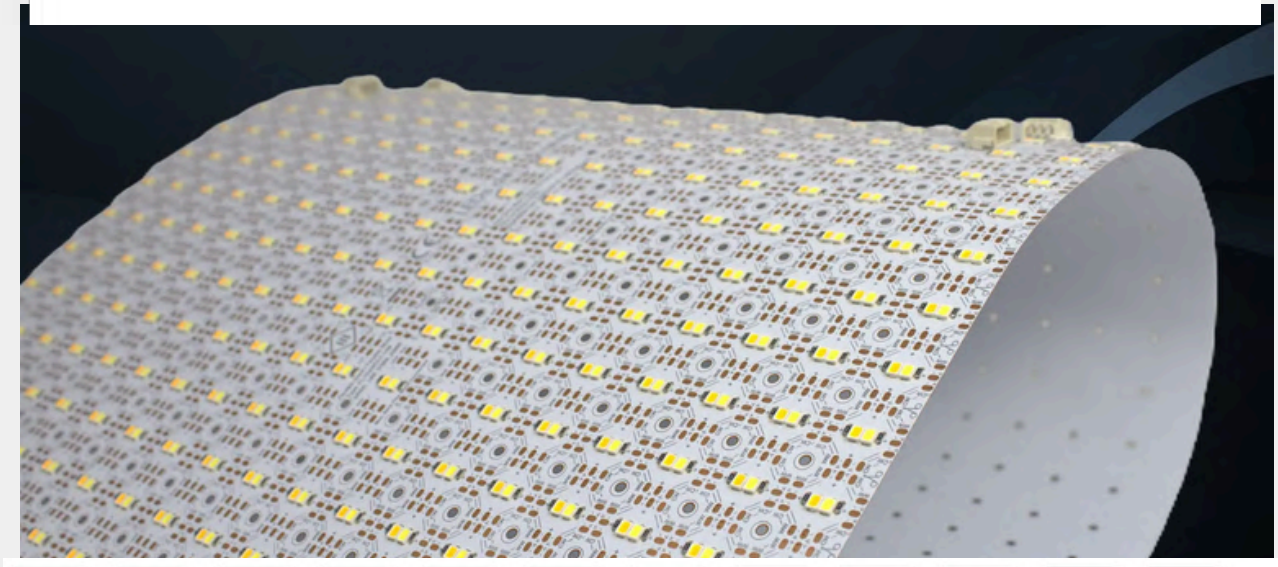
Parameters

INPUT VOLTAGE	INPUT FREQUENCY	LIGHT SOURCE	POWER CONSUMPTION	THE LENGTH OF THE ELEMENT
DC24V	Flicker-free	2835 LED (288*2 PCS/P)	24+24W/P (±0.5)	20*20mm (DC24V)
LUMINOUS FLUX	LUMINOUS EFFICIENCY	COLOUR TEMPERATURE	COLOUR INDEX (CRI)	SDCM
≥2400LM/P	≥100 LM/W	3000K/4000K/6000K	≥95	≤3
SMD2835 Single Chip	Outer Sheath Rubber	FPC Board	Resistor	POWER FACTOR (PF)
San'an Optoelectronics 1W	/	Flexible Electroplated Board 25/50	1/8W 202*288	≥0.85

Dimension(1 pc,unit:mm)



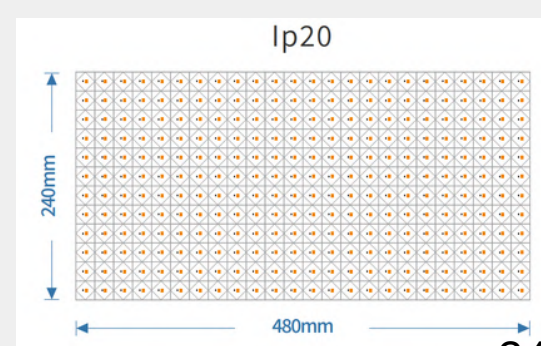
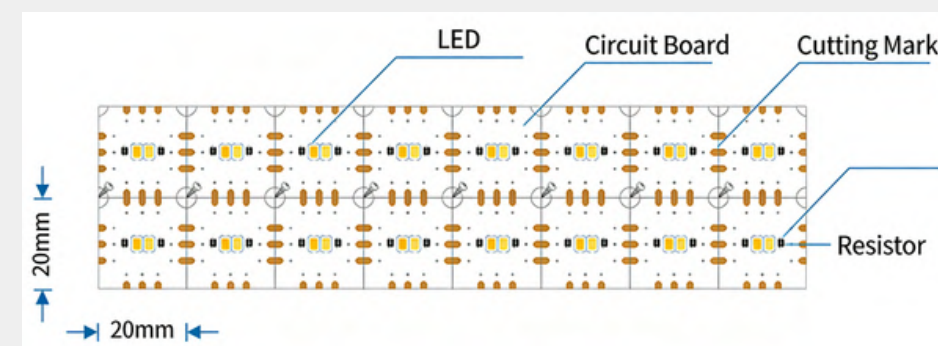
LED Light Sheet Dual Color 288D*2-48W-240*480MM



Parameters

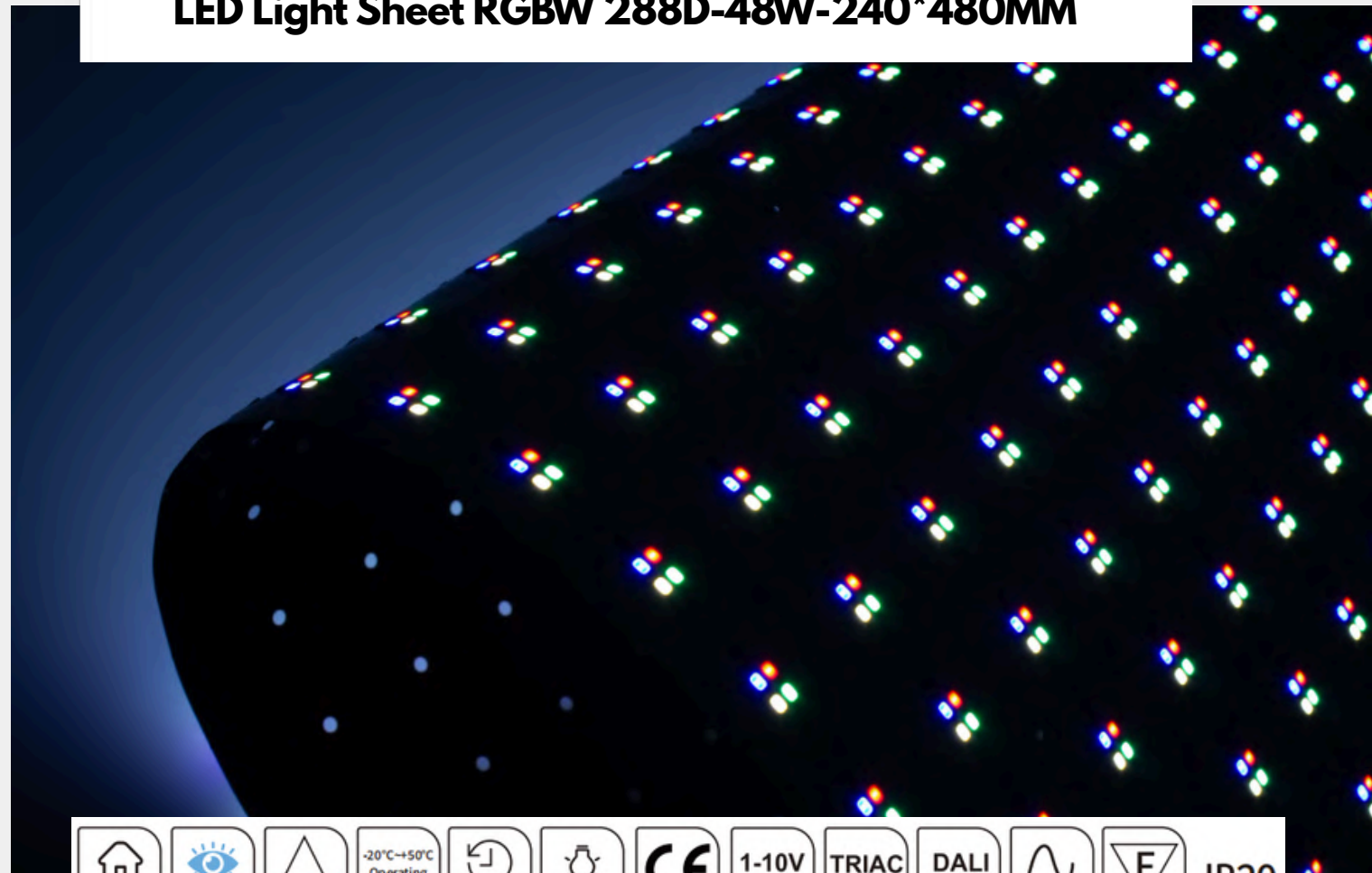
INPUT VOLTAGE	INPUT FREQUENCY	LIGHT SOURCE	POWER CONSUMPTION	THE LENGTH OF THE ELEMENT
DC24V	Flicker-free	2835 LED (288*2 PCS/P)	24+24W/P (±0.5)	20*20mm (DC24V)
LUMINOUS FLUX	LUMINOUS EFFICIENCY	COLOUR TEMPERATURE	COLOUR INDEX (CRI)	SDCM
≥4800LM/P	≥100 LM/W	2700-6000K	≥95	≤3
SMD2835 Single Chip	Outer Sheath Rubber	FPC Board	Resistor	POWER FACTOR (PF)
San'an Optoelectronics 1W	/	Flexible Electroplated Board 25/50	1/8W 202*288	≥0.85

Dimension(1 pc,unit:mm)



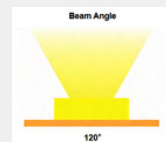
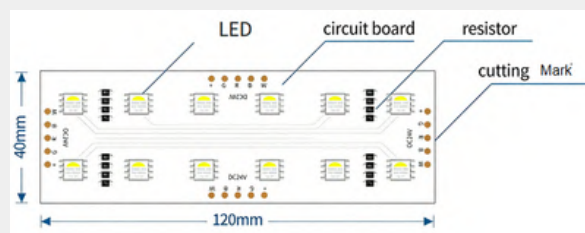
LED Light Sheet

LED Light Sheet RGBW 288D-48W-240*480MM



◆ **Parameters**

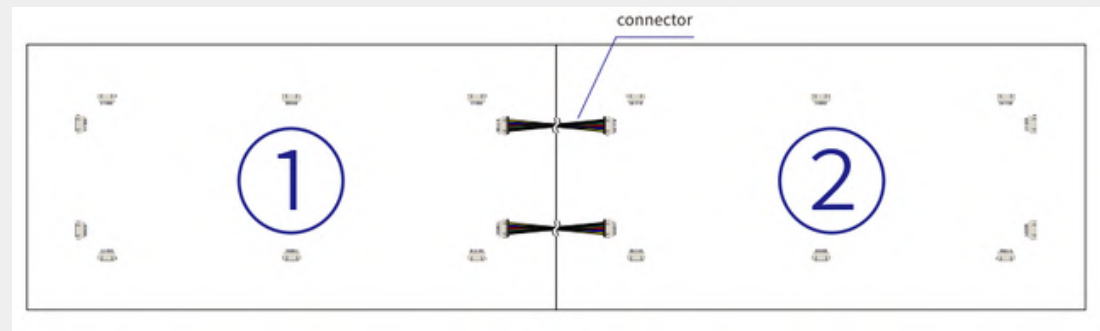
INPUT VOLTAGE	INPUT FREQUENCY	LIGHT SOURCE	POWER CONSUMPTION	THE LENGTH OF THE ELEMENT
DC24V	Flicker-free	5050 LED (288 PCS/P)	48W/P (±0.5)	40 × 120mm (DC24V)
SMD2835 Single Chip	FPC Board	COLOUR INDEX (CRI)	Resistor	Wire
San'an Optoelectronics 1W	Flexible Electroplated Board 25/50	RGBW (2700K/3000K/4000K/6000 K)	1/8W (361+751)	Silicone 0.5 ² 4150mm



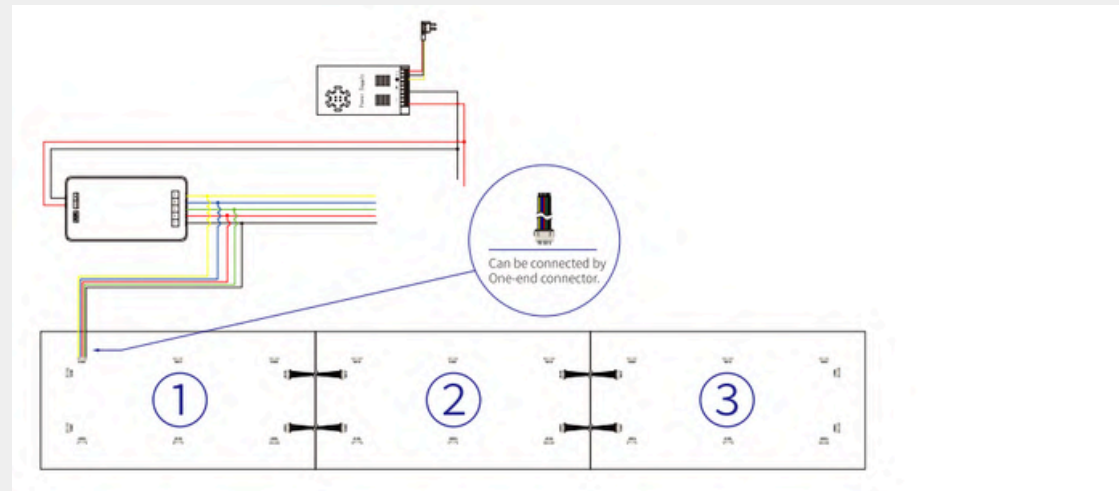
LED Light Sheet

Connection Diagram

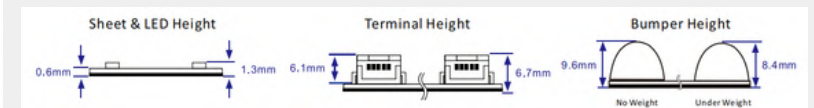
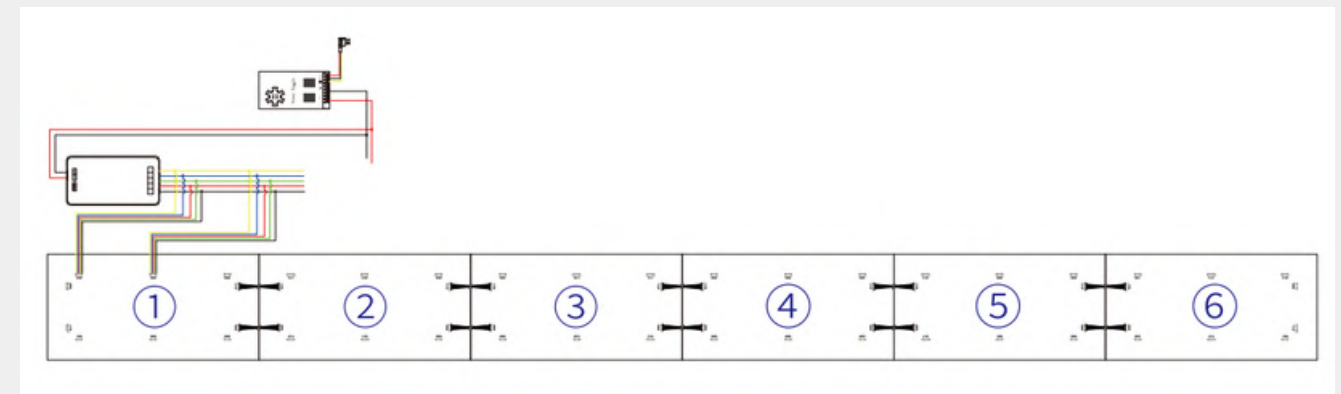
- Connection of plate



- Single power supply point



- Series Connection



Non-voltage drop LED Strip

Non-voltage drop LED Strip

Non-voltage drop LED Strip

◆ Product Features:

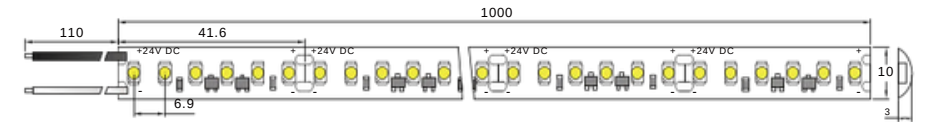
- Voltage drop exists in all standard 12VDC or 24VDC Flexible LED Strip, so the max length can not exceed 10 meter. Our new LED strip adopts constant current IC which allows the current to each LED can be the same, the max length can be 10-15 meters without any voltage drop which means the color and brightness of each single LED is the same from the beginning to the end. 15M/REEL
- Ra>80 / 90, 100LM/W
- IP20, IP65 (NANO), IP67
- Constant Current Design



SMD 3528 144LED/M
11.52W 100 LM/W RA>80
15M/reel



◆ Dimension(1 meter,unit:mm)



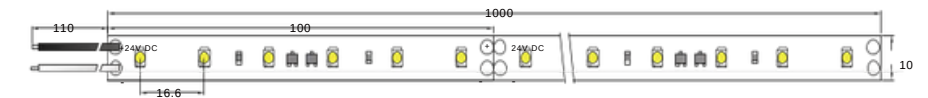
◆ Technical Data (1 meter)

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle(°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
3528UWx-144-24VW-IC	2700-6500K	144	24	11.52	0.48	120	RA>80	1150	-40~+60° C	IP67/Nano
3528UWx-144-24VF-IC	2700-6500K	144	24	11.52	0.48	120	RA>80	1150	-40~+60° C	IP20

SMD 2835 60LED/M
14.4W 100 LM/W RA>80
15M/reel



◆ Dimension(1 meter,unit:mm)



◆ Technical Data (1 meter)

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle(°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
2835UWx-60-24VW-IC	2700-6500K	60	24	14.4	0.6	120	RA>80	1440	-40~+60° C	Nano
2835UWx-60-24VF-IC	2700-6500K	60	24	14.4	0.6	120	RA>80	1440	-40~+60° C	IP20

High Light Efficiency LED Strip

High Light Efficiency LED Strip

◆ Product Features:

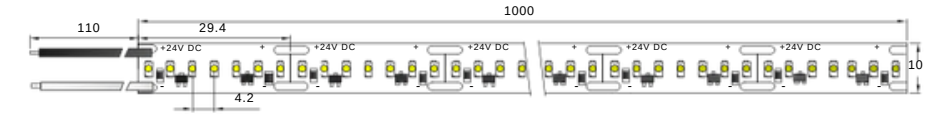
- High Light Efficiency for Energy Saving, 130LM/W, Ra>80 / 90
3 SDCM (+/-50K)
- IP20, IP65 (NANO), IP67



SMD 3014 238LED/M 21W
100 LM/W
RA>90 5M/reel
3SDCM



◆ Dimension(1 meter,unit:mm)



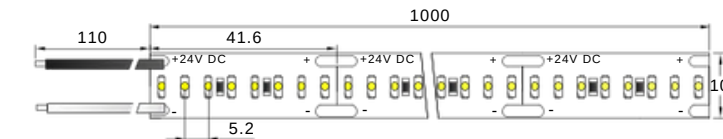
◆ Technical Data (1 meter)

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle(°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
3014UWx-238-24VW-IC	2700-6500K	238	24	21	0.875	120	RA>90	2100	-40~+60° C	Nano
3014UWx-238-24VF-IC	2700-6500K	238	24	21	0.875	120	RA>90	2100	-40~+60° C	IP20

SMD 3014 192LED/M 20W
130 LM/W
RA>90 5M/reel 3SDCM



◆ Dimension(1 meter,unit:mm)



◆ Technical Data (1 meter)

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle(°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
3014UWx-192-24VW	2700-6500K	192	24	20	0.83	120	RA>90	2600	-40~+60° C	Nano
3014UWx-192-24VF	2700-6500K	192	24	20	0.83	120	RA>90	2600	-40~+60° C	IP20



High Light Efficiency LED Strip

Super High Power LED Strip

Super High Power LED Strip

Super High Power LED Strip

◆ Product Features:

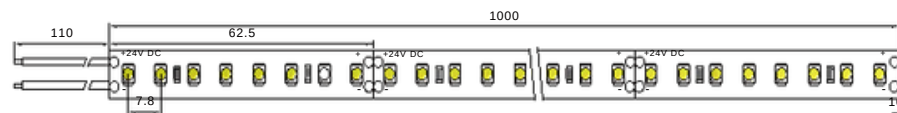
- Ideal light sources for general lighting, architectural illumination and backlight for big signs etc. 25W, 35W and 45W per meter
- Ra>80 / 90, 105LM/W
- 3SDCM (+/-50K)
- IP20, IP65 (NANO)



SMD 2835 128LED/M 25W
100LM/W
RA>80 5M/reel



◆ Dimension(1 meter,unit:mm)



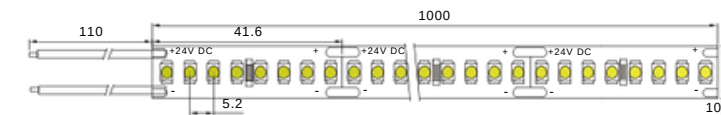
◆ Technical Data (1 meter)

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle(°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
2835UWx-128-24VW	2700-6500K	128	24	25	1.05	120	RA>80	2500	-40~+60° C	Nano
2835UWx-128-24VF	2700-6500K	128	24	25	1.05	120	RA>80	2500	-40~+60° C	IP20

SMD 2835 192LED/M 35W
100LM/W
RA>80 5M/reel



◆ Dimension(1 meter,unit:mm)



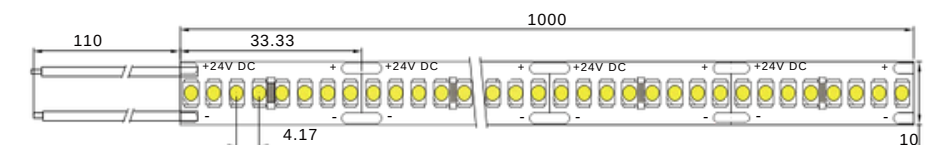
◆ Technical Data (1 meter)

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle(°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
2835UWx-192-24VW	2700-6500K	192	24	35	1.45	120	RA>80	3500	-40~+60° C	Nano
2835UWx-192-24VF	2700-6500K	192	24	35	1.45	120	RA>80	3500	-40~+60° C	IP20

SMD 2835 240LED/M
45W 100LM/W
RA>80 3M/reel



◆ Dimension(1 meter,unit:mm)



◆ Technical Data (1 meter)

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle(°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
2835UWx-240-24VW	2700-6500K	240	24	45	1.875	120	RA>80	4500	-40~+60° C	Nano
2835UWx-240-24VF	2700-6500K	240	24	45	1.875	120	RA>80	4500	-40~+60° C	IP20

Food Light LED Strip

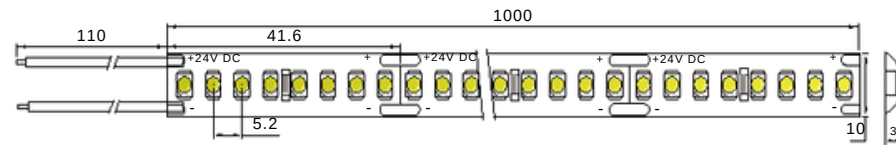
Food Light LED Strip

Food Light LED Strip

SMD 3528 192LED/M 22W
RA>90
5M/reel



◆ **Dimension(1 meter,unit:mm)**



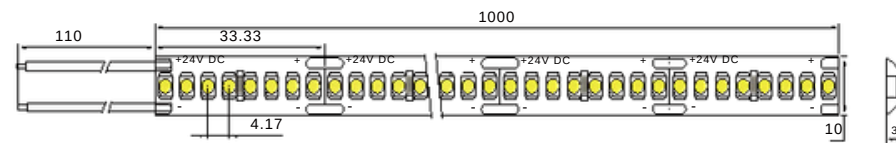
◆ **Technical Data (1 meter)**

Model No.	Color Temp (K)	Wavelength (nm)	Lum. Flux (lm)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle(°)	CRI	Operation Temp	Protection level
3528UWx-192-24VW-M	Pink (for meat)	2000 ± 100K	1980lm	192	24	22	0.91	120	RA>90	-30~+60° C	IP20
3528UWx-192-24VF-M	Amber (for bread)	2300 ± 100K	2200lm	192	24	22	0.91	120	RA>90	-30~+60° C	IP20
3528UWx-192-24VW-W	White (for vegetable)	2600 ± 100K	2400lm	192	24	22	0.91	120	RA>90	-30~+60° C	IP20

SMD 3528 240LED/M
28.8W RA>90 5M/reel



◆ **Dimension(1 meter,unit:mm)**



◆ **Technical Data (1 meter)**

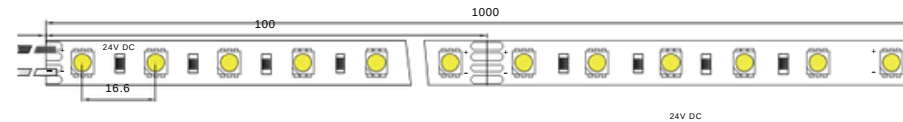
Model No.	Color Temp (K)	Wavelength (nm)	Lum. Flux (lm)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle(°)	CRI	Operation Temp	Protection level
3528UW-240-24VW-M	Pink (for meat)	2000 ± 100K	2380	240	24	28.8	1.2	120	RA>90	-30~+60° C	IP20
3528UW-240-24VW-B	Amber (for bread)	2300 ± 100K	2660	240	24	28.8	1.2	120	RA>90	-30~+60° C	IP20
3528UW-240-24VW-V	White (for vegetable)	5500 ± 200K	2800	240	24	28.8	1.2	120	RA>90	-30~+60° C	IP20



SMD 5050 60LED/M
14.4W 100LM/W RA>80
5M/reel



◆ **Dimension(1 meter,unit:mm)**



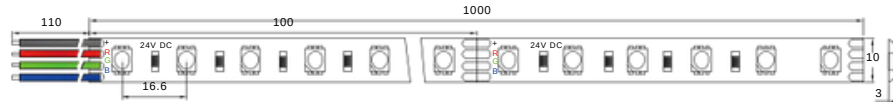
◆ **Technical Data (1 meter)**

Model No.	Wavelength (nm) Color Temp (K)	Number of LEDs	Voltage (V DC)	Power (W)	Current (A)	Radiance Angle(°)	CRI	Lum. Flux (lm)	Operation Temperature	Protection level
5050UWx-60-24VW	2700-6500K	60	24	14.4	0.6	120	RA>80	1400	-30~+60° C	IP67
5050UWx-60-24VF	2700-6500K	60	24	14.4	0.6	120	RA>80	1400	-30~+60° C	IP20

SMD 5050RGB
60LED/M 14.4W



◆ **Dimension(1 meter,unit:mm)**



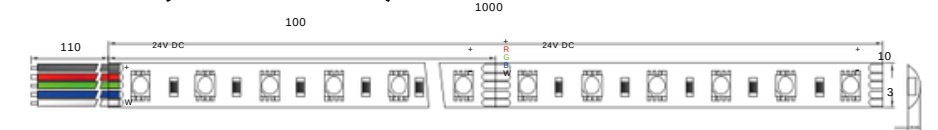
◆ **Technical Data (1 meter)**

Part Number	Color	Wavelength (nm)	Lum. Flux (lm)	Radiance Angle(°)	Number of LEDs	Working Voltage (V DC)	Current (A)	Power (W)	Protection level
5050RGB-60-24VW	Red	623 ± 5	120	120	60	24	0.2	4.8	IP67
5050RGB-60-24VW	Green	520 ± 5	300	120	60	24	0.2	4.8	IP67
5050RGB-60-24VW	Blue	465 ± 5	70	120	60	24	0.2	4.8	IP67
5050RGB-60-24VF	Red	623 ± 5	120	120	60	24	0.2	4.8	IP20
5050RGB-60-24VF	Green	520 ± 5	300	120	60	24	0.2	4.8	IP20
5050RGB-60-24VF	Blue	465 ± 5	70	120	60	24	0.2	4.8	IP20

SMD 5050RGBW
60LED/M 19.2W



◆ **Dimension(1 meter,unit:mm)**



◆ **Technical Data (1 meter)**

Part Number	Color	Wavelength (nm)	Lum. Flux (lm)	Radiance Angle(°)	Number of LEDs	Working Voltage (V DC)	Current (A)	Power (W)	Protection level
5050RGBW-60-24VW	Red	623 ± 5 nm	120	120	60	24	0.2	4.8	IP67
5050RGBW-60-24VW	Green	520 ± 5 nm	300	120	60	24	0.2	4.8	IP67
5050RGBW-60-24VW	Blue	465 ± 5 nm	70	120	60	24	0.2	4.8	IP67
5050RGBW-60-24VW	Warm White	3000 ± 150 K	360	120	60	24	0.2	4.8	IP67
5050RGBW-60-24VF	Red	623 ± 5 nm	120	120	60	24	0.2	4.8	IP20
5050RGBW-60-24VF	Green	520 ± 5 nm	300	120	60	24	0.2	4.8	IP20
5050RGBW-60-24VF	Blue	465 ± 5 nm	70	120	60	24	0.2	4.8	IP20
5050RGBW-60-24VF	Warm White	3000 ± 150 K	360	120	60	24	0.2	4.8	IP20

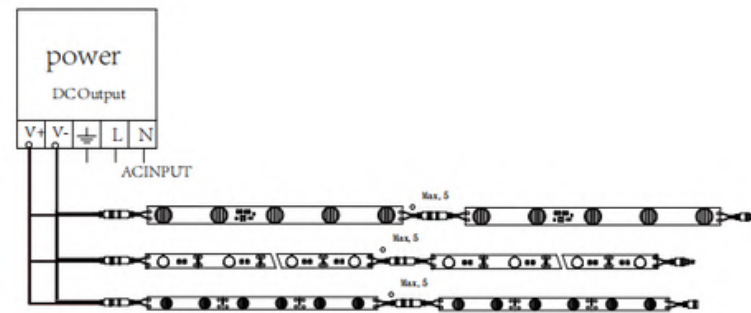


◆ **Product Features:**

- Adopting newest CREE XPE or Osram 3030 & 2835 LEDs as light source and the light efficiency can reach 100lm/W.
- Special designed LENS allows the light distribution of the Light Bar more even to avoid any brightness or color difference of the lighting
- box.
- PWM dimmable design allows it can be dimmed ideally, for better energy-saving and environment-protection.
- Different lengths are available for free connection.

◆ **Installation:**

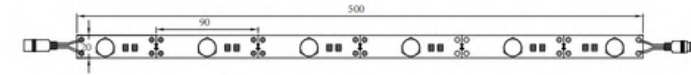
There is 3M adhesive tape on the backside for easy installation. It is strongly recommend to fasten it with screws.



SMD 3030 12V 9W



◆ **Dimension(1 pc,unit:mm)**



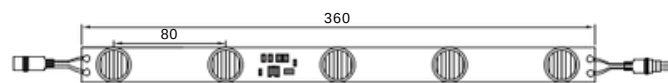
◆ **Technical Data (1 pc)**

Model No.	Dimensions (L×W×H, mm)	CCT (K)	CRI	Power (W)	Lum. Flux (lm)	Voltage (V DC)	Radiance Angle (°)	Number of LEDs	Protection level
3030UW-6-12VL	500×20×8	6000-6500K	RA>80	9	680	12	170	6	IP20

SMD 3535 24V
6W 10W 14W 18W



◆ **Dimension(1 pc,unit:mm)**



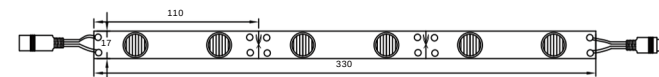
◆ **Technical Data (1 pc)**

Model No.	Dimensions (L×W×H, mm)	CCT (K)	CRI	Power (W)	Lum. Flux (lm)	Voltage (V DC)	Radiance Angle (°)	Number of LEDs	Protection level
3535UW-3-24VL	200×25×13	6000-6500K	RA>80	6	600	24	9×40	3	IP20
3535UW-5-24VL	360×25×13	6000-6500K	RA>80	10	1000	24	9×40	5	IP20
3535UW-7-24VL	400×25×13	6000-6500K	RA>80	14	1400	24	9×40	7	IP20
3535UW-9-24VL	465×25×13	6000-6500K	RA>80	18	1800	24	9×40	9	IP20

SMD 3535 24V 9W



◆ **Dimension(1 pc,unit:mm)**



◆ **Technical Data (1 pc)**

Model No.	Dimensions (L×W×H, mm)	CCT (K)	CRI	Power (W)	Lum. Flux (lm)	Voltage (V DC)	Radiance Angle (°)	Number of LEDs	Protection level
3535UW-6-24VL	330×17×12	6000-6500K	RA>80	9	800	24	9×40	6	IP20

LED Bar Shutters



◆ **Product Features:**

- 2835,3528 LED dot-matrix design uniform illumination no dark spots .
- Various LED dot density design ,applicable for all kinds of light box , lower energy consumption,
- lower cost.
- Reliable and stable connection .
- Quick and easy installation with shutters LED structure .
- 3 years or 13000 hours whichever come first

◆ **Applications:**

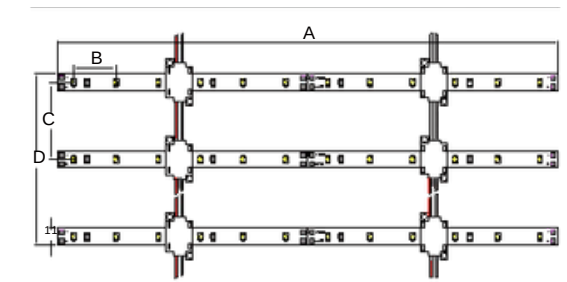
- Suitable for 6--18cm depth single-sided, 18- 28cm double-sided light box illumination at shopping mall, airport, metro, platform, etc;

◆ **Installation:**

- 1double side self-adhesive 3M tape for easy installation.
- Cascade can be cut, and single strip can be cut.

LED TYPE:3528
12V DC

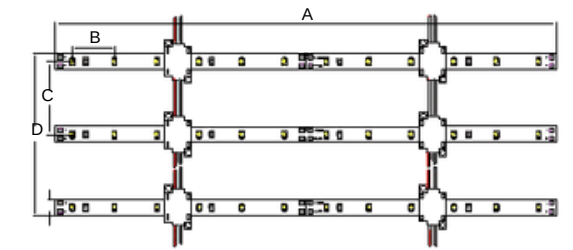
◆ **Dimension**



◆ **System Specifications**

Part Number	Strip Length (A)	LED Pitch (B)	Strip to strip pitch (C)	Packages (D)	Number of LEDs	Lum. Flux (lm)	Power (W)	Working Voltage (V DC)
3528UW-9-12VL	250mm	28.5mm	40mm	40 Strips/Roll, 1600mm	9	63lm/strip	0.72W/strip	12
3528UW-12-12VL	336mm	28.5mm	40mm	40 Strips/Roll, 1600mm	12	84lm/strip	0.96W/strip	12
3528UW-15-12VL	422mm	28.5mm	40mm	40 Strips/Roll, 1600mm	15	105lm/strip	1.2W/strip	12
3528UW-18-12VL	508mm	28.5mm	40mm	40 Strips/Roll, 1600mm	18	126lm/strip	1.44W/strip	12

◆ **Dimension**



LED TYPE:2835
12V DC

◆ **System Specifications**

Part Number	Strip Length (A)	LED Pitch (B)	Strip to strip pitch (C)	Packages (D)	Number of LEDs	Lum. Flux (lm)	Power (W)	Working Voltage (V DC)
2835UW-3-12VL	150mm	50mm	85mm	30 Strips/Roll, 2550mm	3	72lm/strip	0.72W/strip	12
2835UW-6-12VL	298mm	50mm	85mm	30 Strips/Roll, 2550mm	6	144lm/strip	1.44W/strip	12
2835UW-8-12VL	398mm	50mm	85mm	30 Strips/Roll, 2550mm	8	192lm/strip	2.88W/strip	12
2835UW-10-12VL	498mm	50mm	85mm	30 Strips/Roll, 2550mm	10	240lm/strip	2.88W/strip	12
2835UW-12-12VL	598mm	50mm	85mm	30 Strips/Roll, 2550mm	12	288lm/strip	2.88W/strip	12

LED Module

◆ Product Features:

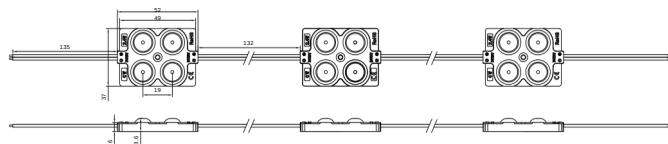
- Each single module can be separated and works independently.
- Low power consumption, wide viewing angle (160°).
- High brightness, long lifespan, maintenance-free.
- Constant current design, low voltage input (12VDC), safe and reliable. Excellent protection design, IP65
- Double side adhesive tape on backside for easy installation.
- Available in various colors and different shapes.

◆ Applications:

- Ideal light source for backlight of signs, channel letters and light boxes. Backlight of channel letters, and signs.
- Light source for under-cabinet lighting, emergency exit lighting.
- Light source for shop windows.
- Light source of decoration for furniture.



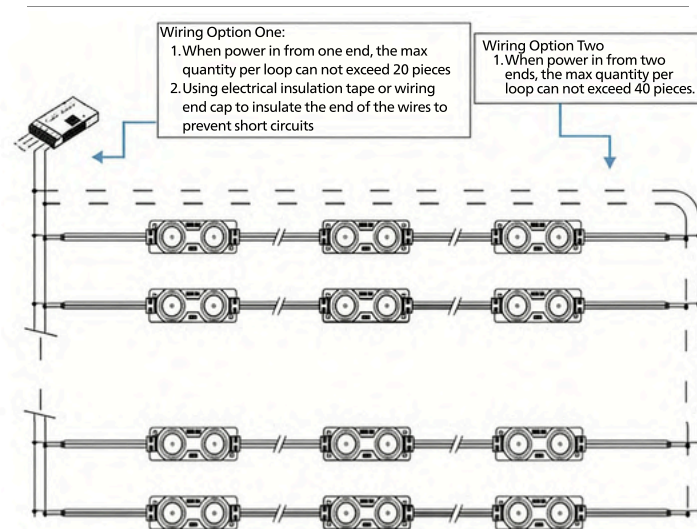
◆ Technical Data (1 meter)



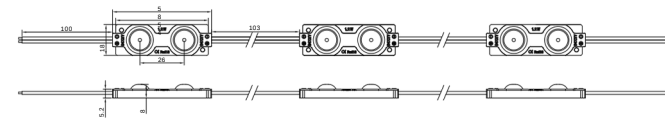
◆ Dimension(unit:mm)

Model No.	Color Temp (K)	Luminous flux (1PC)	Viewing Angle	LED Qty (single module)	Input voltage (V DC)	Power (single module)	Standard quantity per string	Protecting rating	Shell color material	Driver mode	Working temperature
LMC2835UW04-12VW	2700K-6500K	192LM ±10%	160°	4PCS	12V	2.4W	200PCS	IP65	Creamy white PVC	Constant Voltage	-20~+40° C

◆ Installation:



◆ Dimension(unit:mm)

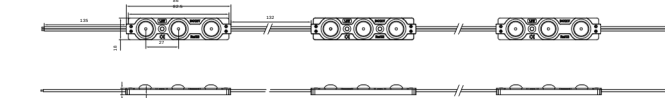


◆ Technical Data (1 meter)

Model No.	Color Temp (K)	Luminous flux (1PC)	Viewing Angle	LED Qty (single module)	Input voltage (V DC)	Power (single module)	Standard quantity per string	Protecting rating	Shell color material	Driver mode	Working temperature
LMC2835UW02-12VW	2700K-6500K	96LM ±10%	160°	2PCS	12V	1.2W	200PCS	IP65	Creamy white PVC	Constant Voltage	-20~+40° C



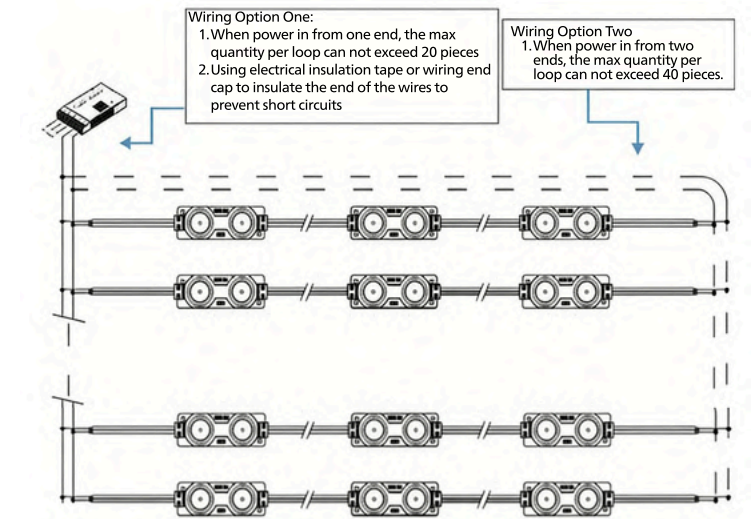
◆ Dimension(unit:mm)



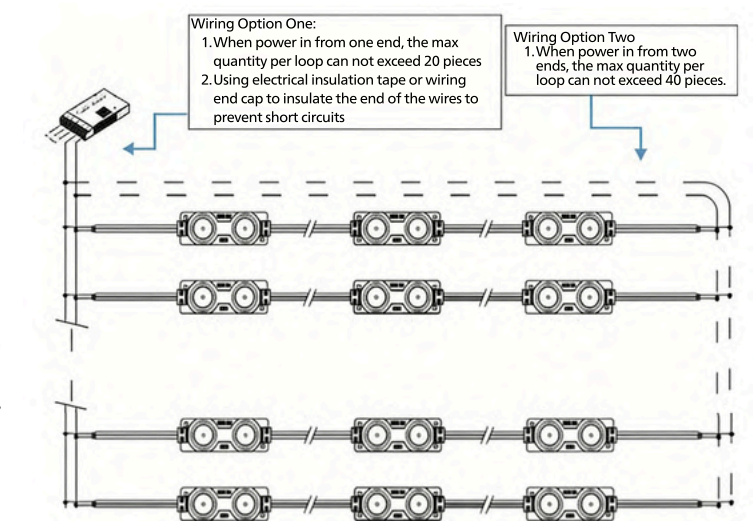
◆ Technical Data (1 meter)

Model No.	Color Temp (K)	Luminous flux (1PC)	Viewing Angle	LED Qty (single module)	Input voltage (V DC)	Power (single module)	Standard quantity per string	Protecting rating	Shell color material	Driver mode	Working temperature
LMC2835UW03-12VW	2700K-6500K	170LM ±10%	160°	3PCS	12V	2W	200PCS	IP65	Creamy white PVC	Constant Voltage	-20~+40° C

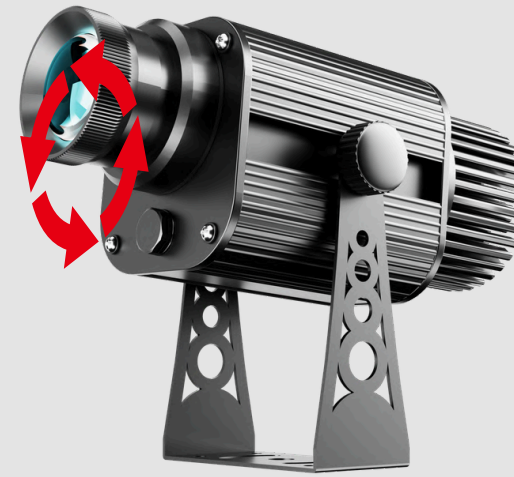
◆ Installation:



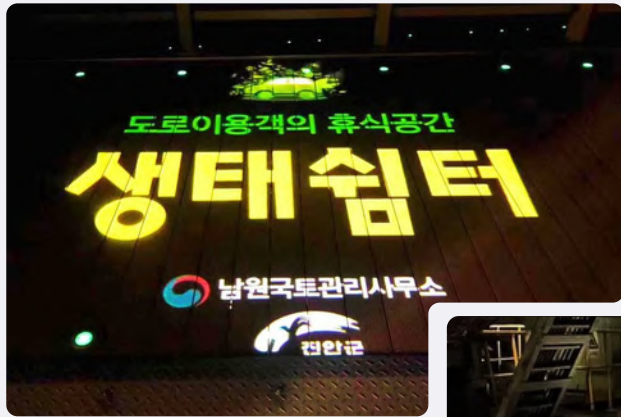
◆ Installation:



**FS15~120W
LOGO ADVERTISING PROJECTION LAMP**



LED GOBO Projection lamp



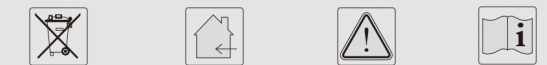
Barbecue shop project
80 watt -10 meter projection effect



Project
15 units H-35 projection lights
Starbucks projection Project
100W-15m Projection effect
Warning projection project
300W - 25m projection effect



◆ **Parameters**



Power:	15W~120W	Projection ratio:	1:0.3/1:0.36/1:0.5/1:1 (Default:1:0.36)
Voltage:	110V-240V 50/60HZ	Operating temperature:	-40° ~ 60° C
Light source:	OSRAM	Optional remote control:	Infrared remote control
Color temperature:	3000-9000k (Default 8500K white light)	Shell material:	Aluminium alloy for complete machine
Lumen:	1650lm-13200lm	Imaging lens:	HD 6-layer coated lens
Color rendering index:	85Ra	Power supply brand:	power supply
Protection level:	IP44 or IP67	Heat dissipation system:	Aluminum air cooled radiator
Rotation or not:	Static/Rotation	Application scenario:	Indoor/outdoor

◆ **Operation method for replacing GOBO**



Step 1: Screw out all the screws of the front cover of the machine.



Step 2: Take out the snap ring and GOBO



Step 3: Install new GOBO and snap ring, the GOBO need the reverse side up.



Step 4: Reinstall the front cover of the machine and complete the installation

Outdoor projection effect
Zebra crossing project
600W - 30m projection effect



Project
100W-10m projection effect



《CAPITAL FM》 Project
300W-22m projection effect



Hotel Vienna project
600W - 40m projection effect



《ARRRGH》 Project
3 units 600 watts
40m projection splicing effect

- **Water ripple projection lighting project**
Dynamic water rendering beautiful atmosphere, to create the first choice of net celebrity scene



- **Color-changing projection lamp**
Color-changing logo attracts more passers-by

- **Floating projection light**
Dynamic floating image is more vivid



- **Dynamic and static projection lamp**
The combination of motion and stillness creates a better atmosphere

- ◆ **Dynamic and static projection lamp**
- ◆ **Color-changing projection lamp**



Parameters

Power:	25W~110W	Projection ratio:	01:00.4
Voltage:	110V-240V 50/60HZ	Operating temperature:	-40° ~ 60° C
Light source:	OSRAM	Optional remote control:	Infrared remote control
Color temperature:	3000-9000k (Default 8500K)	Shell material:	Aluminium alloy
Lumen:	2750lm-12100lm	Imaging lens:	HD 6-layer coated lens
Color rendering index:	85Ra	Power supply brand:	power supply
Protection level:	IP67 waterproof	Heat dissipation system:	Aluminium vane radiator
Rotation or not:	Static/Rotation	Application scenario:	Indoor/outdoor

- ◆ **Water ripple projection lighting project**
- ◆ **Floating projection light**



Parameters

Power:	40W~1500W	Projection ratio:	1:0.7/1:1
Voltage:	110V-240V 50/60HZ	Operating temperature:	-40° ~ 60° C
Light source:	OSRAM	Optional remote control:	Infrared remote control
Color temperature:	3000-9000k (Default 8500K white light)	Shell material:	Aluminium alloy for complete machine
Lumen:	110LM/W	Imaging lens:	HD 6-layer coated lens
Color rendering index:	85Ra	Power supply brand:	power supply
Protection level:	IP65 or IP67	Heat dissipation system:	Aluminum blade / CPU grade copper radiator
Color pattern::	Monochrome/Multicolor /DMX512 sync	Application scenario:	Indoor/Outdoor

GOBO customization

Optional colors for simple color logo

PS: Black will not show in the actual effect



Classification of different GOBO color

Single color



Double color



Three color



Multicolour



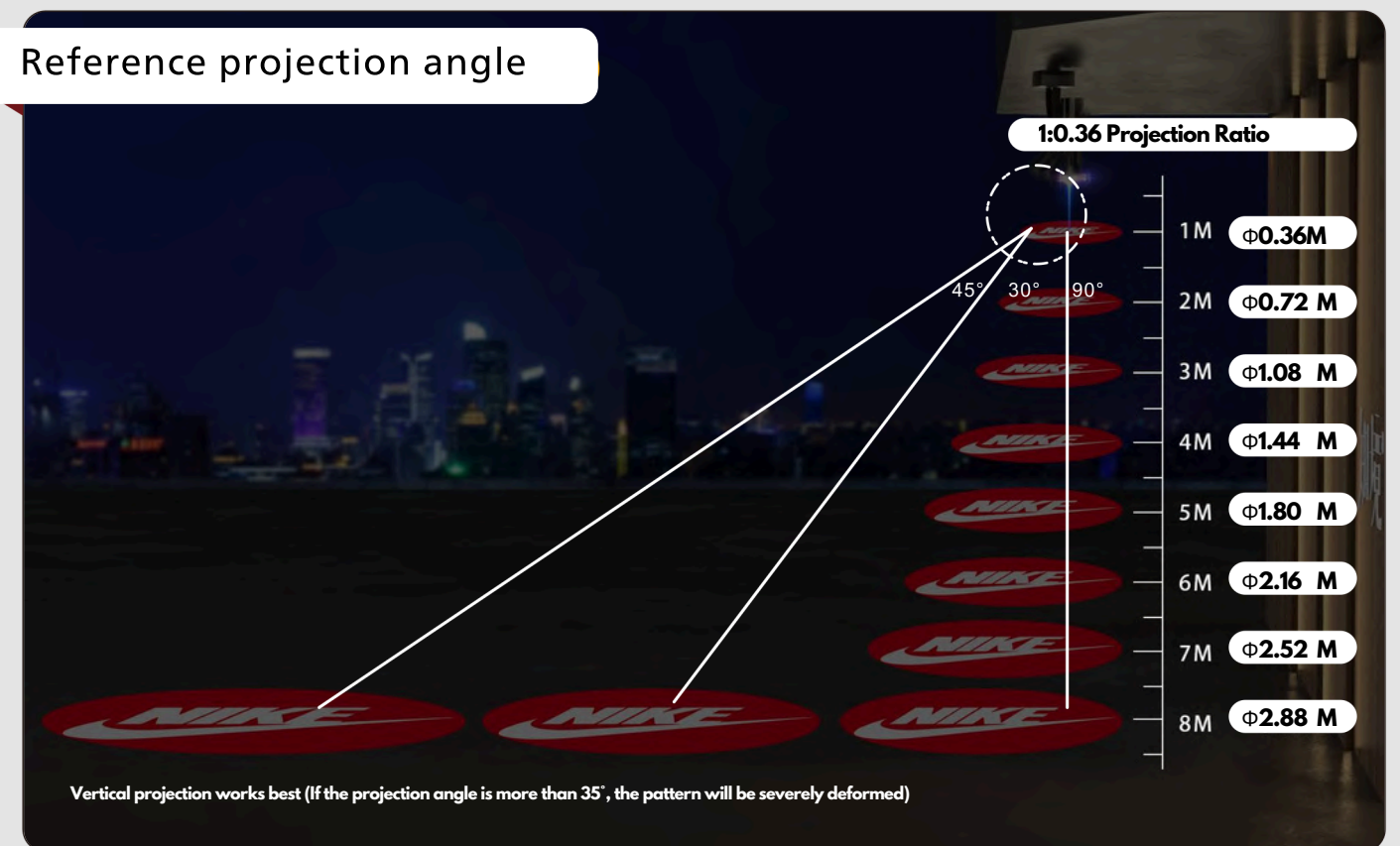
Lens/Projection Angle



Focusing lens only (Not include the internal condensing lens of projector)

Lenses are available in five types :1:0.3, 1:0.36, 1:0.5, 1:0.8, and 1:1 (For example, the default 1:0.36 lens can project 36cm pattern size at 1 meter distance. If the projection distance increases by 1 meter, the diameter of the projection pattern will increase by 36 cm)

Reference projection angle





MEANWELL AC-DC Enclosed LRS Series



MODEL:
MEANWELL
LRS-200 LRS-150 LRS-100 LRS-75
LRS-35/50 LRS-150F



MODEL:
MEANWELL
LRS-350~600

- Features
- Withstand 300VAC surge input for 5 sec
 - 1U low profile (30~41mm)
 - Withstand 5G vibration test
 - High operating temperature up to 70° C
 - Protections: Short circuit/Overload/Over voltage/Over temp.(LRS-150~1200)
 - Cooling by free air convection (LRS-35~200)
 - Up to 200% peak power capability (LRS-100N2/200N2/350N2/600N2)
 - Forced air cooling by built-in DC fan (350~600W)
 - Operating altitude up to 5000 meters
 - Long MTBF, 1500k~3300k hrs all series
 - LED indicator for power on
 - 3 years warranty



MODEL	LRS-35-12	LRS-35-24	LRS-50-12	LRS-50-24	LRS-75-12	LRS-75-24
DC VOLTAGE	12V	24V	12V	24V	12V	24V
RATED CURRENT	3A	1.5A	4.2A	2.2A	6A	3.2A
CURRENT RANGE	0 ~ 3A	0 ~ 1.5A	0 ~ 4.2A	0 ~ 2.2A	0 ~ 6A	0 ~ 3.2A
RATED POWER	36W	36W	50.4W	52.8W	72W	76.8W
RIPPLE & NOISE (max.) Note.2	120mVp-p	150mVp-p	120mVp-p	150mVp-p	120mVp-p	150mVp-p
VOLTAGE ADJ. RANGE	10.2 ~ 13.8V	21.6 ~ 28.8V	10.2 ~ 13.8V	21.6 ~ 28.8V	10.2 ~ 13.8V	21.6 ~ 28.8V
VOLTAGE TOLERANCE Note.3	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
LINE REGULATION Note.4	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION Note.5	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%

MODEL	LRS-100-12	LRS-100-24	LRS-150-12	LRS-150-24	LRS-200-12	LRS-200-24	LRS-350-24
DC VOLTAGE	12V	24V	12V	24V	12V	24V	24V
RATED CURRENT	8.5A	4.5A	12.5A	6.5A	17A	8.8A	14.6A
CURRENT RANGE	0 ~ 8.5A	0 ~ 4.5A	0 ~ 12.5A	0 ~ 6.5A	0 ~ 17A	0 ~ 8.8A	0 ~ 14.6A
RATED POWER	102W	108W	150W	156W	204W	211.2W	350.4W
RIPPLE & NOISE (max.) Note.2	120mVp-p	150mVp-p	150mVp-p	200mVp-p	150mVp-p	150mVp-p	150mVp-p
VOLTAGE ADJ. RANGE	10.2 ~ 13.8V	21.6 ~ 28.8V	10.2 ~ 13.8V	21.6 ~ 28.8V	10.2 ~ 13.8V	21.6 ~ 28.8V	21.6 ~ 28.8V
VOLTAGE TOLERANCE Note.3	±1.0%	±1.0%	±1.0%	±1.0%	±1.5%	±1.0%	±1.0%
LINE REGULATION Note.4	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION Note.5	±0.5%	±0.5%	±0.5%	±0.5%	±1.0%	±0.5%	±0.5%

SAFETY & EMC (Note 7)	SAFETY STANDARDS	UL62368-1, TUV BS EN/EN62368-1, BS EN/EN60335-1, BS EN/EN61558-1/-2-16, GB 4943.1, BSMI CNS15598-1, EAC TP TC 004, KC K60950-1(for LRS-150-12 only), BIS IS13252(Part1): 2010/IEC 60950-1: 2005(NOTE 9), AS/NZS 62368.1 (by CB) approved
	WITHSTAND VOLTAGE	I/P-O/P:4KVAC I/P-FG:2KVAC O/P-FG:1.25KVAC
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH
	EMC EMISSION	Compliance to BS EN/EN55032 (CISPR32) Class B, BS EN/EN55014, BS EN/EN61000-3-2 Class A(≤75% Load), BS EN/EN61000-3-3, GB17625.1, GB/T 9254.1, BSMI CNS15936, EAC TP TC 020, KC KN32, KN35(for LRS-150-12 only)
EMC IMMUNITY	Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN61000-6-2 (BS EN/EN50082-2), BS EN/EN55035, heavy industry level, EAC TP TC 020, KC KN32, KN35(for LRS-150-12 only)	



SLD Series

LED Driver AC/DC Plastic Case



MODEL:
MEANWELL SLD-50 SLD-80 SLD-150

- Features
- Constant voltage + constant current mode output
 - Universal AC input: 110~305VAC
 - Built-in active PFC function
 - Plastic housing with Class II design
 - Class 2 power unit (Except for SLD-80-12)
 - Slim and linear housing design
 - Meet with BS EN61347/EN60335 regulations
 - No load power consumption<0.5W
 - Protections: Short Circuit / Over Current / Over Voltage / Over Temp.
 - 3 years warranty
 - 5 years warranty (only for SLD-150)



MODEL	SLD-50-12	SLD-50-24
DC VOLTAGE	12V	24V
CONSTANT CURRENT REGION Note.2	8.4 ~12V	16.8 ~24V
RATED CURRENT	4.2A	2.1A
RATED POWER Note.5	50.4W	50.4W
RIPPLE & NOISE (max.) Note.3	150mVp-p	240mVp-p
VOLTAGE TOLERANCE Note.4	±4.0%	±3.0%
LINE REGULATION	±0.5%	±0.5%
LOAD REGULATION	±1.5%	±0.5%
SETUP, RISE TIME Note.6	500ms, 80ms 115VAC / 230VAC	
HOLD UP TIME (Typ.)	10ms/230VAC 10ms/115VAC	

MODEL	SLD-80-12	SLD-80-24
DC VOLTAGE	12V	24V
CONSTANT CURRENT REGION Note.2	8.4~12V	16.8 ~24V
RATED CURRENT	6.6A	3.3A
RATED POWER Note.5	79.2W	79.2W
RIPPLE & NOISE (max.) Note.3	150mVp-p	240mVp-p
VOLTAGE TOLERANCE Note.4	±4.0%	±3.0%
LINE REGULATION	±0.5%	±0.5%
LOAD REGULATION	±1.5%	±0.5%
SETUP, RISE TIME Note.6	500ms, 80ms 115VAC / 230VAC	
HOLD UP TIME (Typ.)	10ms/230VAC 10ms/115VAC	

MODEL	SLD-150-12	SLD-150-24
DC VOLTAGE (default)	12V	24V
CONSTANT CURRENT REGION Note.2	8.4~12V	16.8~24V
RATED CURRENT	12A	6.3A
RATED POWER Note.5	144W	151.2W
RIPPLE & NOISE (max.) Note.3	180mVp-p	240mVp-p
VOLTAGE TOLERANCE Note.4	±4.0%	±3.0%
LINE REGULATION	±0.5%	±0.5%
LOAD REGULATION	±1%	±1%
SETUP, RISE TIME Note.6	500ms, 80ms 230VAC	
HOLD UP TIME (Typ.)	10ms/230VAC	

SAFETY STANDARDS Note.8	UL8750, CSA C22.2 No. 250.13-12, ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 independent, BS EN/EN62384, EAC TP TC 004, GB/T19510.1, GB/T19510.213, IS15885(Part2/Sec13), EN60335-1 approved		
WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC		
ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH		
EMC EMISSION Note.8	Parameter	Standard	Test Level/Note
	Conducted	BS EN/EN55015(CISPR15), GB/T 17743, EN IEC 55014-1(CISPR 14-1)	----
	Radiated	BS EN/EN55015(CISPR15), GB/T 17743, EN IEC 55014-1(CISPR 14-1)	----
	Harmonic Current	BS EN/EN61000-3-2, GB17625.1	Class C @load≥60%
	Voltage Flicker	BS EN/EN61000-3-3	----



LP Series

LED Driver AC/DC Plastic Case



MODEL:
MEANWELL LPV-20 LPV-35 LPV-60
LPV-100 LPV-150 LPVL-150

Features

- Constant voltage mode for LPH / LPV / LPVL series
- Constant current mode for LPHC / LPC series
- Fully encapsulated with IP67 level
- Isolation class II, no F.G.
- Class 2 power unit / Pass LPS
- (except for LPV/LPVL/LPC-100~150 and LPV-60-5)
- Protections: Short Circuit / Over Voltage / Overload
- (only for LPV series) / Over Temperature
- (only for 18W&150W)
- 2 years warranty



MODEL	LPV-60-5	LPV-60-12	LPV-60-15	LPV-60-24	LPV-60-36	LPV-60-48	
OUTPUT	DC VOLTAGE	5V	12V	15V	24V	36V	48V
	RATED CURRENT	8A	5A	4A	2.5A	1.67A	1.25A
	CURRENT RANGE	0 ~ 8A	0 ~ 5A	0 ~ 4A	0 ~ 2.5A	0 ~ 1.67A	0 ~ 1.25A
	RATED POWER	40W	60W	60W	60W	60W	60W
	RIPPLE & NOISE (max.) Note.2	80mVp-p	120mVp-p	120mVp-p	150mVp-p	150mVp-p	150mVp-p
	VOLTAGE TOLERANCE Note.3	±8.0%	±5.0%				
	LINE REGULATION	±1.0%					
	LOAD REGULATION	±6.0%	±2.0%				
	SETUP, RISE TIME Note.6	500ms, 20ms / 230VAC	500ms, 20ms / 115VAC at full load(for 5~36V) ; 500ms, 30ms / 230VAC	500ms, 30ms / 115VAC at full load(for 48V)			
HOLD UP TIME (Typ.)	50ms/230VAC	16ms/115VAC at full load					

MODEL	LPV-100-5	LPV-100-12	LPV-100-15	LPV-100-24	LPV-100-36	LPV-100-48	
OUTPUT	DC VOLTAGE	5V	12V	15V	24V	36V	48V
	RATED CURRENT	12A	8.5A	6.7A	4.2A	2.8A	2.1A
	CURRENT RANGE	0 ~ 12A	0 ~ 8.5A	0 ~ 6.7A	0 ~ 4.2A	0 ~ 2.8A	0 ~ 2.1A
	RATED POWER	60W	102W	100.5W	100.8W	100.8W	100.8W
	RIPPLE & NOISE (max.) Note.2	80mVp-p	120mVp-p	120mVp-p	150mVp-p	150mVp-p	150mVp-p
	VOLTAGE TOLERANCE Note.3	±8.0%	±5.0%				
	LINE REGULATION	±1.0%					
	LOAD REGULATION	±6.0%	±2.0%				
	SETUP, RISE TIME Note.6	2000ms, 25ms / 230VAC	2000ms, 25ms / 115VAC				
HOLD UP TIME (Typ.)	50ms/230VAC	14ms/115VAC at full load					

MODEL	LPV □ -150-12	LPV-150-15	LPV □ -150-24	LPV-150-36	LPV-150-48	
OUTPUT	DC VOLTAGE	12V	15V	24V	36V	48V
	RATED CURRENT	10A	8A	6.3A	4.2A	3.2A
	CURRENT RANGE	0 ~ 10A	0 ~ 8A	0 ~ 6.3A	0 ~ 4.2A	0 ~ 3.2A
	RATED POWER	120W	120W	151.2W	151.2W	153.6W
	RIPPLE & NOISE (max.) Note.2	200mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p
	VOLTAGE TOLERANCE Note.3	±5.0%				
	LINE REGULATION	±1.0%				
	LOAD REGULATION	±2.0%				
	SETUP, RISE TIME Note.6	LPV-150: 500ms, 50ms / 230VAC	500ms, 50ms / 277VAC;	LPVL-150: 1500ms, 50ms / 115VAC		
HOLD UP TIME (Typ.)	LPV-150: 18ms/230VAC	20ms/277VAC at full load;	LPVL-150: 10ms/115VAC at full load			

SAFETY & EMC	SAFETY STANDARDS	Blank type	UL8750, CSA C22.2 No. 250.13-12, UL879, CSA C22.2 No. 207-M89, BIS IS 15885 (for LPV-150-12, 24 only), EAC TP TC 004, IP67, IEC62368-1, BS EN/EN62368-1 approved	
		L type	UL8750 (type "HL"), CSA C22.2 No. 250.13-12, UL879, CSA C22.2 No. 207-M89, IP67 approved	
	WITHSTAND VOLTAGE	I/P-O/P: 3KVAC		
	ISOLATION RESISTANCE	I/P-O/P: > 100M Ohms / 500VDC / 25°C / 70% RH		
	EMC EMISSION	Blank type	Compliance to BS EN/EN55032 (CISPR32) Class B, BS EN/EN61000-3-2 Class A (<=80% load), BS EN/EN61000-3-3, EAC TP TC 020	
		L type	Compliance to FCC part 15	
EMC IMMUNITY	Blank type	Compliance to BS EN/EN61000-4-2, 3, 4, 5, 6, 8, 11; BS EN/EN55035, light industry level, EAC TP TC 020		
	L type	Design refer to IEC61000-4-2, 3, 4, 5, 6, 8, 11; light industry level		



XLG Series

LED Driver AC/DC Metal Case



Features

- Constant power mode output (XLG-25~320)
- Constant current mode (XLG-20 only)
- Full power at 70~100% current
- Universal AC input: 100~305VAC
- Metal case with IP67
- Built-in active PFC function
- Class 2 power unit (XLG-20~100)
- Surge protection with 6KV/4KV (10KV/6KV available)
- India (EESL) version with input over voltage protection; can survive input voltage stress of 440Vac for 48 hours
- Multiple models for choice, see P.33 for more details
- Protections: Short Circuit / Over Current / Over Voltage / Over Temp.
- 5 years warrant

MODEL:
MEANWELL XLG-75 XLG-100 XLG-150
XLG-200 XLG-240 XLG-320



MODEL	XLG-75 □ -12- □	XLG-75 □ -24- □	
OUTPUT	DC VOLTAGE	12V	24V
	CONSTANT CURRENT REGION Note.2	8.4~12V	16.8~24V
	RATED CURRENT (Default)	5A	3.1A
	RATED POWER	60W	74.4W
	RIPPLE & NOISE (max.) Note.3	150mVp-p	240mVp-p
	CURRENT ADJ RANGE	2.5A~5A	1.55A~3.1A
	VOLTAGE TOLERANCE Note.4	±3.0%	±2.0%
	LINE REGULATION	±0.5%	±0.5%
	LOAD REGULATION	±2%	±1%
	SETUP, RISE TIME Note.6	500ms, 100ms/230VAC, 1200ms, 100ms/115VAC	
HOLD UP TIME (Typ.)	10ms/230VAC	10ms/115VAC	

MODEL	XLG-100 □ -12- □	XLG-100 □ -24- □	
OUTPUT	DC VOLTAGE	12V	24V
	CONSTANT CURRENT REGION Note.2	8.4~12V	16.8~24V
	RATED CURRENT (Default)	8A	4A
	RATED POWER	96W	96W
	RIPPLE & NOISE (max.) Note.3	150mVp-p	240mVp-p
	CURRENT ADJ RANGE	Adjustable for A-Type only (via the built-in potentiometer)	
	VOLTAGE TOLERANCE Note.4	±3.0%	±2.0%
	LINE REGULATION	±0.5%	±0.5%
	LOAD REGULATION	±2%	±1%
	SETUP, RISE TIME Note.6	500ms, 100ms/230VAC, 1200ms, 100ms/115VAC	
HOLD UP TIME (Typ.)	12ms/230VAC	12ms/115VAC	

MODEL	XLG-150 □ -12- □	XLG-150 □ -24- □	
OUTPUT	DC VOLTAGE	12V	24V
	CONSTANT CURRENT REGION Note.2	8.4~12V	16.8~24V
	RATED CURRENT	12.5A	6.25A
	RATED POWER	150W	150W
	RIPPLE & NOISE (max.) Note.3	150mVp-p	240mVp-p
	CURRENT ADJ RANGE	Adjustable for A-Type only (via the built-in potentiometer)	
	VOLTAGE TOLERANCE Note.4	±3.0%	±2.0%
	LINE REGULATION	±0.5%	±0.5%
	LOAD REGULATION	±2%	±1%
	SETUP, RISE TIME Note.6	500ms, 100ms/230VAC, 1200ms, 100ms/115VAC	
HOLD UP TIME (Typ.)	10ms/230VAC	10ms/115VAC	

MODEL	XLG-200 □ -12- □	XLG-200 □ -24- □	
OUTPUT	DC VOLTAGE	12V	24V
	CONSTANT CURRENT REGION Note.2	8.4~12V	16.8~24V
	RATED CURRENT (Default)	16A	8.3A
	RATED POWER	192W	199.2W
	RIPPLE & NOISE (max.) Note.3	150mVp-p	240mVp-p
	CURRENT ADJ RANGE	Adjustable for A-Type only (via the built-in potentiometer)	
	VOLTAGE TOLERANCE Note.4	±3.0%	±2.0%
	LINE REGULATION	±0.5%	±0.5%
	LOAD REGULATION	±2%	±1%
	SETUP, RISE TIME Note.6	500ms, 100ms/230VAC, 1200ms, 100ms/115VAC	
HOLD UP TIME (Typ.)	10ms/230VAC	10ms/115VAC	

MODEL	XLG-240 □ -L- □	XLG-240 □ -M- □	XLG-240 □ -H- □	
OUTPUT	RATED CURRENT (Default)	700mA	1400mA	4900mA
	RATED POWER	239.4W	239.4W	239.6W
	CONSTANT CURRENT REGION Note.2	178~342V	90~171V	27~56V
	FULL POWER CURRENT RANGE	700~1050mA	1400~2100mA	4280~6660mA
	OPEN CIRCUIT VOLTAGE (max.)	370V	186V	60V
	CURRENT ADJ. RANGE	Adjustable for AAB-Type only (via the built-in potentiometer)		
	CURRENT RIPPLE	5.0% (@ Load >= 50% rated voltage)		
	CURRENT TOLERANCE	±4%		
	SET UP TIME Note.6	500ms/230VAC, 1200ms/115VAC		

SAFETY STANDARDS Note.7	UL8750 (type "HL"), UL879, CSA C22.2 No. 250.13-12, ENEC BS EN/EN61347-1, BS EN/EN61347-2-13, GB19510.1, GB19510.14, EAC TP TC 004, JIS 1347-1 (H29), JIS 1347-2 (H29), KC1347-1, KC1347-2-13, IS 15885 (Part 2/Sec 13) (for XLG-100 type only), NOM-058-SCF-2017 (except for Blank type), IP67 approved
WITHSTAND VOLTAGE	I/P-O/P: 3.75KVAC I/P-F-G: 2KVAC O/P-F-G: 1.5KVAC
ISOLATION RESISTANCE	I/P-O/P: I/P-F/G, O/P-F/G: 100M Ohms / 500VDC / 25°C / 70% RH



ELG Series LED Driver AC/DC Metal Case



- Features
- Constant voltage+constant current modes (ELG series)
 - Constant current mode (ELG-C series)
 - Constant power mode (ELGC-300 series)
 - Universal AC input: 100~305VAC
 - Metal case with IP67
 - Meet 6KV surge immunity level (IEC61000-4-5)
 - Type HL LED Driver for use in Class I, Division 2 hazardous location luminaires
 - No load / Standby power consumption <0.5W
 - Multiple models for choice, see P.33 for more details
 - Protections: Short Circuit / Over Current / Over Voltage / Over Temp.
 - 5 years warranty



MODEL:
MEANWELL ELG-75 ELG-100
ELG-150 ELG-200 ELG-240 ELG-300

MODEL	ELG-75-12	ELG-75-24	ELG-100-24	ELG-100-36
DC VOLTAGE	12V	24V	24V	36V
CONSTANT CURRENT REGION Note.2	6 ~ 12V	12 ~ 24V	12 ~ 24V	18 ~ 36V
RATED CURRENT	5A	3.15A	4.0A	2.66A
RATED POWER Note.5	200VAC ~ 305VAC		200VAC ~ 305VAC	
	60W	75.6W	96W	95.76W
RIPPLE & NOISE (max.) Note.3	150mVp-p	200mVp-p	200mVp-p	250mVp-p
	48W	60W	70W	70W
VOLTAGE ADJ. RANGE	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)
CURRENT ADJ. RANGE	2.5 ~ 5A	1.57 ~ 3.15A	2 ~ 4A	1.33 ~ 2.66A
VOLTAGE TOLERANCE Note.4	±3.0%	±3.0%	±3.0%	±2.5%
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±2.0%	±1.0%	±1.0%	±1.0%

MODEL	ELG-150-12	ELG-150-24	ELG-200-12	ELG-200-24	G-240-24	ELG-240-36
DC VOLTAGE	12V	24V	12V	24V		36V
CONSTANT CURRENT REGION Note.2	6 ~ 12V	12 ~ 24V	6 ~ 12V	12 ~ 24V	~ 24V	18 ~ 36V
RATED CURRENT	10A	6.25A	16A	8.4A		6.66A
RATED POWER	100VAC ~ 180VAC		200VAC ~ 305VAC		VAC ~ 305VAC	
	84W	105W	192W	201.6W	W	239.76W
RIPPLE & NOISE (max.) Note.3	150mVp-p	200mVp-p	150mVp-p	200mVp-p	mVp-p	250mVp-p
	120W	150W	144W	150W	W	180W
VOLTAGE ADJ. RANGE	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)
CURRENT ADJ. RANGE	5 ~ 10A	3.2 ~ 6.25A	4 ~ 8A	4.2 ~ 8.4A	10A	3.33 ~ 6.66A
VOLTAGE TOLERANCE Note.4	±3.0%	±3.0%	±3.0%	±2.0%	0%	±2.0%
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	5%	±0.5%
LOAD REGULATION	±2.0%	±1.0%	±2.0%	±0.5%	5%	±0.5%

MODEL	ELG-300-12A	ELG-300-24A
DC VOLTAGE	12V	24V
CONSTANT CURRENT REGION Note.2	10 ~ 12V	14.4 ~ 24V
RATED CURRENT	22A	12.5A
RATED POWER	200VAC ~ 305VAC	224W
	100VAC ~ 180VAC	18.7A
RIPPLE & NOISE (max.) Note.3	200VAC ~ 305VAC	264W
	100VAC ~ 180VAC	224.4W
VOLTAGE ADJ. RANGE	11.2 ~ 12.8V	22.4 ~ 25.6V
CURRENT ADJ. RANGE	11 ~ 22A	6.25 ~ 12.5A

SAFETY & EMC	SAFETY STANDARDS	UL8750(type"HL"), CSA C22.2 No. 250.13-12; IEC/BS EN/EN/AS/NZS 61347-1, IEC/BS EN/EN/AS/NZS 61347-2-13 independent, BS EN/EN62384; EAC TP TC 004:BIS IS15885(for 24/24A/24B/24DA/36/36A/36B/42/42A/42B/42DA/42B/48/48B/54/54A/54DA/54B only); GB/T19510.1, GB/T19510.213; IP65 or IP67; KC61347-1, KC61347-2-13 approved
	DALI STANDARDS	Compliance to IEC62386-101, 102, (207 by request) for DA Type only
	WITHSTAND VOLTAGE	I/P-O/P: 3.75KVAC I/P-FG: 2.0KVAC O/P-FG: 1.5KVAC
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC / 25°C / 70% RH
	EMC EMISSION	Compliance to BS EN/EN55015, BS EN/EN61000-3-2 Class C (@load ≥ 60%); BS EN/EN61000-3-3; GB/T 17743, GB17625.1; EAC TP TC 020; KC KN15, KN61547
	EMC IMMUNITY	Compliance to BS EN/EN61000-4-2, 3, 4, 5, 6, 8, 11; BS EN/EN61547, light industry level (surge immunity Line-Earth 6KV, Line-Line 4KV); EAC TP TC 020; KC KN15, KN61547



HLG Series

LED Driver AC/DC Metal Case



- Features
- Constant voltage+constant current modes
 - Wide AC input: 90~305VAC
 - Metal housing with Class I design
 - High efficiency up to 94%
 - Meet 4KV surge immunity level (IEC61000-4-5)
 - Type HL LED driver for use in Class I, Division 2 hazardous location luminaires
 - Class 2 power unit (HLC-40H~100H)
 - Multiple models for choice, see P.33 for more details
 - Protections: Short Circuit / Over Current / Over Voltage / Over Temp.
 - 7 years warranty



MODEL:
MEANWELL HLG-40 HLG-60
HLG-80 HLG-120 HLG-150
HLG-185 HLG-240 HLG-320 HLG-480
HLG-600

MODEL	HLG-60H-15	HLG-60H-20	HLG-60H-24
DC VOLTAGE	15V	20V	24V
CONSTANT CURRENT REGION Note.4	9 ~ 15V	12 ~ 20V	14.4 ~ 24V
RATED CURRENT	4A	3A	2.5A
RATED POWER	60W	60W	60W
RIPPLE & NOISE (max.) Note.2	150mVp-p	150mVp-p	150mVp-p
VOLTAGE ADJ. RANGE	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)
CURRENT ADJ. RANGE	2.4 ~ 4A	1.8 ~ 3A	1.5 ~ 2.5A
VOLTAGE TOLERANCE Note.3	±2.0%	±1.0%	±1.0%
LINE REGULATION	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±1.5%	±1.0%	±0.5%

MODEL	HLG-100H-20	HLG-100H-24
DC VOLTAGE	20V	24V
CONSTANT CURRENT REGION Note.4	10 ~ 20V	12 ~ 24V
RATED CURRENT	4.8A	4A
RATED POWER	96W	96W
RIPPLE & NOISE (max.) Note.2	150mVp-p	150mVp-p
VOLTAGE ADJ. RANGE	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)
CURRENT ADJ. RANGE	3 ~ 4.8A	2.5 ~ 4A
VOLTAGE TOLERANCE Note.3	±1.0%	±1.0%
LINE REGULATION	±0.5%	±0.5%
LOAD REGULATION	±0.5%	±0.5%

MODEL	HLG-120H-12	HLG-120H-15	HLG-120H-20	HLG-120H-24
DC VOLTAGE	12V	15V	20V	24V
CONSTANT CURRENT REGION Note.4	6 ~ 12V	7.5 ~ 15V	10 ~ 20V	12 ~ 24V
RATED CURRENT	10A	8A	6A	5A
RATED POWER	120W	120W	120W	120W
RIPPLE & NOISE (max.) Note.2	150mVp-p	150mVp-p	150mVp-p	150mVp-p
VOLTAGE ADJ. RANGE	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)
CURRENT ADJ. RANGE	5 ~ 10A	4 ~ 8A	3 ~ 6A	2.5 ~ 5A
VOLTAGE TOLERANCE Note.3	±2.5%	±2.0%	±1.0%	±1.0%
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±2.0%	±1.5%	±0.5%	±0.5%

MODEL	HLG-150H-12	HLG-150H-15	HLG-150H-20	HLG-150H-24
DC VOLTAGE	12V	15V	20V	24V
CONSTANT CURRENT REGION Note.4	6 ~ 12V	7.5 ~ 15V	10 ~ 20V	12 ~ 24V
RATED CURRENT	12.5A	10A	7.5A	6.3A
RATED POWER	150W	150W	150W	151.2W
RIPPLE & NOISE (max.) Note.2	150mVp-p	150mVp-p	150mVp-p	150mVp-p
VOLTAGE ADJ. RANGE	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)	Adjustable for A/AB-Type only (via built-in potentiometer)
CURRENT ADJ. RANGE	7.5 ~ 12.5A	6 ~ 10A	4.5 ~ 7.5A	3.8 ~ 6.3A
VOLTAGE TOLERANCE Note.3	±2.5%	±2.0%	±1.0%	±1.0%
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±2.0%	±1.5%	±1.0%	±0.5%

MODEL	HLG-240H-12	HLG-240H-15	HLG-240H-20	HLG-240H-24
DC VOLTAGE	12V	15V	20V	24V
CONSTANT CURRENT REGION Note.4	6 ~ 12V	7.5 ~ 15V	10 ~ 20V	12 ~ 24V
RATED CURRENT	16A	15A	12A	10A
RATED POWER	192W	225W	240W	240W
RIPPLE & NOISE (max.) Note.2	150mVp-p	150mVp-p	150mVp-p	150mVp-p
VOLTAGE ADJ. RANGE	Adjustable for A/AB/C-Type only (via built-in potentiometer)	Adjustable for A/AB/C-Type only (via built-in potentiometer)	Adjustable for A/AB/C-Type only (via built-in potentiometer)	Adjustable for A/AB/C-Type only (via built-in potentiometer)
CURRENT ADJ. RANGE	8 ~ 16A	7.5 ~ 15A	6 ~ 12A	5 ~ 10A
VOLTAGE TOLERANCE Note.3	±2.5%	±2.0%	±1.0%	±1.0%
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±2.0%	±1.5%	±1.0%	±0.5%

MODEL	HLG-320H-12	HLG-320H-15	HLG-320H-20	HLG-320H-24
DC VOLTAGE	12V	15V	20V	24V
CONSTANT CURRENT REGION Note.4	6 ~ 12V	7.5 ~ 15V	10 ~ 20V	12 ~ 24V
RATED CURRENT	22A	19A	15A	13.34A
RATED POWER	264W	285W	300W	320.16W
RIPPLE & NOISE (max.) Note.2	150mVp-p	150mVp-p	150mVp-p	150mVp-p
VOLTAGE ADJ. RANGE	Adjustable for A/AB/C-Type only (via built-in potentiometer)	Adjustable for A/AB/C-Type only (via built-in potentiometer)	Adjustable for A/AB/C-Type only (via built-in potentiometer)	Adjustable for A/AB/C-Type only (via built-in potentiometer)
CURRENT ADJ. RANGE	11 ~ 22A	9.5 ~ 19A	7.5 ~ 15A	6.67 ~ 13.34A
VOLTAGE TOLERANCE Note.3	±3.0%	±2.0%	±1.5%	±1.0%
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±2.0%	±1.5%	±1.0%	±0.5%

SAFETY STANDARDS	UL8750(type"HL"), CSA C22.2 No. 250.0-08; BS EN/EN/AS/NZS 61347-1, BS EN/EN/AS/NZS 61347-2-13 independent; GB/T19510.1, GB/T19510.213; IP65 or IP67 (except for HLG-320H C-type); J61347-1, J61347-2-13 (except for C-type); EAC TP TC 004; KC61347-1, KC61347-2-13 (except for AB, C-type), BIS IS 15885 (Part 2/Sec 13) (NOTE 13) approved
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LED Power supply

LED Driver AC/DC Plastic Case

PWM Series



MODEL: MEANWELL PWM-40 PWM-60 PWM-90 PWM-120 PWM-200



- Features**
- Constant voltage PWM style output mode
 - Wide AC input: 90~305VAC
 - Multiple dimming functions available: 3 in 1 / DALI / DALI-2 / KNX / IoT
 - Built-in active PFC function
 - High efficiency up to 94%
 - No load power consumption <0.5W
 - Fully isolated plastic case with IP67 level
 - Isolation class II, no F.G.
 - Minimum dimming level 0.2% for DALI type
 - Protections: Short Circuit / Overload / Over Voltage / Over Temp.
 - 5 years warranty

MODEL	PWM-60-12	PWM-60-24	PWM-90-12	PWM-90-24	PWM-120-12	PWM-120-24	PWM-200-12	PWM-200-24
DC VOLTAGE	12V	24V	12V	24V	12V	24V	12V	24V
RATED CURRENT	5A	2.5A	7.5A	3.75A	10A	5A	15A	8.3A
RATED POWER	60W	60W	90W	90W	120W	120W	180W	199.2W
DIMMING RANGE	0 ~ 100%		0 ~ 100%		0 ~ 100%		0 ~ 100%	
PWM FREQUENCY (Typ.)	1.47kHz for Blank/DA-Type, 2.5kHz for DA2-Type		1.47kHz for Blank/DA-Type, 2.5kHz for DA2-Type		1.47kHz for Blank/DA-Type, 2.5kHz for DA2-Type		4kHz for Blank type; 2.5kHz for DA2 type	
SETUP, RISE TIME (Note 2, Note 3)	500ms, 80ms/ 115VAC or 230VAC		500ms, 80ms/ 115VAC or 230VAC		500ms, 80ms/ 230VAC or 115VAC		500ms, 80ms/230VAC or 115VAC	
HOLD UP TIME (Typ.)	16ms/115VAC or 230VAC		16ms/115VAC or 230VAC		16ms/230VAC or 115VAC		10ms/230VAC or 115VAC	

SAFETY STANDARDS Note.5	UL8750(type "HL") (except for DA-Type), UL879(for 12V,24V Blank Type only), CSA C22.2 No. 250.13-12; ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 independent, BS EN/EN62384, IP67, BIS IS 15885(Part2/Sec13)(for 12,24,48 Blank and 12,24-DA2 Type), EAC TP TC 004, GB/T19510.1, GB/T19510.213 approved; Design refer to BS EN/EN60335-1; According to BS EN/EN61347-2-13 appendix J suitable for emergency installations(EL) (AC Input: 100-240VAc)(for DA2-Type only)
DALI STANDARDS	IEC62386-101, 102, 207,251 for DA/DA2-Type only, Device type 6(DT6)

PWM-60/90/120/200 Series

Multi-Dimming Function LED Driver and Wireless IoT Solutions

- 0-10V
- PWM
- Resistance
- Push Dimming

- DALI / DALI 2.0
- KNX
- Bluetooth Mesh
- WiFi.....

Building Lighting with Bluetooth Mesh Solution

LED Driver AC/DC Plastic Case

NPF Series



MODEL : MEANWELL NPF-40 NPF-60 NPF-90 NPF-120 NPF-200



- Features**
- Constant voltage+constant current modes
 - V-Type: Constant voltage mode only
 - D-Type: Constant current mode only,
 - Built-in 3 in 1 dimming function
 - (0~10VDC, PWM signal or resistance)
 - Wide AC input: 90~305VAC
 - No load power consumption <0.15W (<0.5W for D-Type)
 - Fully isolated plastic case with IP67 level
 - Isolation class II, no F.G.
 - Class 2 power unit
 - Protections: Short Circuit / Over Current / Over Voltage / Over Temp.
 - 5 years warranty

MODEL	NPF-40-12	NPF-40-20	NPF-40-24	NPF-60-12	NPF-60-15	NPF-60-24
DC VOLTAGE	12V	20V	24V	12V	15V	24V
CONSTANT CURRENT REGION Note.2	7.2 ~ 12V	12 ~ 20V	14.4 ~ 24V	7.2 ~ 12V	9 ~ 15V	14.4 ~ 24V
RATED CURRENT	3.34A	2A	1.67A	5A	4A	2.5A
RATED POWER Note.5	40.08W	40W	40.08W	60W	60W	60W
RIPPLE & NOISE (max.) Note.3	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p
VOLTAGE TOLERANCE Note.4	±4.0%	±4.0%	±3.0%	±4.0%	±4.0%	±3.0%
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±1.5%	±1.0%	±0.5%	±1.5%	±1.0%	±0.5%

MODEL	NPF-90-12	NPF-90-20	NPF-90-24	NPF-120-12	NPF-120-20	NPF-120-24
DC VOLTAGE	12V	20V	24V	12V	20V	24V
CONSTANT CURRENT REGION Note.2	7.2 ~ 12V	12 ~ 20V	14.4 ~ 24V	7.2 ~ 12V	12 ~ 20V	14.4 ~ 24V
RATED CURRENT	7.5A	4.5A	3.75A	10A	6A	5A
RATED POWER Note.5	90W	90W	90W	120W	120W	120W
RIPPLE & NOISE (max.) Note.3	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p
VOLTAGE TOLERANCE Note.4	±4.0%	±4.0%	±3.0%	±4.0%	±4.0%	±4.0%
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±1.5%	±0.5%	±0.5%	±2.0%	±1.0%	±0.5%

MODEL	NPF-200-12	NPF-200-24	NPF-200-36	NPF-200-42	NPF-200-48	NPF-200-54
DC Voltage	12V	24V	36V	42V	48V	54V
CONSTANT CURRENT AND OUTPUT VOLTAGE REGION	6 ~ 12V	12~24V	18 ~ 36V	21 ~ 42V	24 ~ 48V	27 ~ 54V
RATED CURRENT	15A	8.3A	5.55A	4.75A	4.17A	3.71A
RATED POWER	180W	199.2W	199.8W	199.5W	200.1W	200.3W
RIPPLE & NOISE (max.) Note.9	150mVp-p	150mVp-p	200mVp-p	250mVp-p	250mVp-p	350mVp-p
VOLTAGE TOLERANCE Note.10	±4.0%	±4.0%	±2.0%	±2.0%	±2.0%	±2.0%
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±2.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%

SAFETY STANDARDS Note.8	UL8750, CSA C22.2 No. 250.13-12, ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 independent, BS EN/EN62384, GB/T19510.1, GB/T19510.213, EAC TP TC 004, IP67 approved; Design refer to BS EN/EN60335-1
WITHSTAND VOLTAGE	I/P-O/P: 3.75KVAC
ISOLATION RESISTANCE	I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH
EMC EMISSION Note.8	Compliance to BS EN/EN55015, BS EN/EN61000-3-2 Class C (@load ≥ 60%) ; BS EN/EN61000-3-3; GB/T 17743, GB17625.1, EAC TP TC 020



GST Series



MODEL:
MEANWELL GST18U/25U/36U



- Features**
- Global certificates
 - Universal AC input / Full range
 - 2 pole USA plug, Class II power unit
 - No load power consumption < 0.075W
 - Energy efficiency Level VI
 - Comply with EISA 2007/DoE and NRCAN
 - Protections: Short circuit / Overload / Over voltage
 - Fully enclosed plastic case
 - Pass LPS
 - -30~+70°C wide range working temperature
 - LED indicator for power on



MODEL:
MEANWELL GST18E/25E/36E



- Features**
- Global certificates
 - Universal AC input / Full range
 - 2 pole EURO plug, Class II power unit
 - No load power consumption < 0.075W
 - Energy efficiency Level VI
 - Comply with EU ErP and CoC Version 5
 - Protections: Short circuit / Overload / Over voltage
 - Fully enclosed plastic case
 - Pass LPS
 - -30~+70°C wide range working temperature
 - LED indicator for power on

ORDER NO.	GST18E12-P1J	GST18E24-P1J	GST25E12-P1J	GST25E24-P1J	GST36E12-P1J	GST36E24-P1J
SAFETY MODEL NO.	GST18E12	GST18E24	GST25E12	GST25E24	GST36E12	GST36E24
DC VOLTAGE Note.2	12V	24V	12V	24V	12V	24V
RATED CURRENT	1.50A	0.75A	2.08A	1.04A	3A	1.5A
CURRENT RANGE	0 ~ 1.50A	0 ~ 0.75A	0 ~ 2.08A	0 ~ 1.04A	0 ~ 3A	0 ~ 1.5A
RATED POWER (max.)	18W	18W	25W	25W	36W	36W
RIPPLE & NOISE (max.) Note.3	80mVp-p	150mVp-p	80mVp-p	150mVp-p	100mVp-p	150mVp-p
VOLTAGE TOLERANCE Note.4	±3.0%	±2.0%	±3.0%	±2.0%	±3.0%	±2.0%
LINE REGULATION Note.5	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
LOAD REGULATION Note.6	±3.0%	±2.0%	±3.0%	±2.0%	±3.0%	±2.0%

SAFETY STANDARDS Note.8	TUV EN62368-1, EAC TP TC 004 approved
WITHSTAND VOLTAGE	I/P-O/P:4242VDC
ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH

EMC EMISSION	Parameter	Standard	Test Level / Note
	Conducted emission	EN55032(CISPR32), EAC TP TC 020	Class B
	Radiated emission	EN55032(CISPR32), EAC TP TC 020	Class B
	Harmonic current	EN61000-3-2	Class A
Voltage flicker	EN61000-3-3	-----	

SAFETY STANDARDS	UL62368-1, CSA C22.2 No.62368-1, BSMI CNS15598-1, EAC TP TC 004 approved
WITHSTAND VOLTAGE	I/P-O/P:4242VDC
ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH

EMC EMISSION	Parameter	Standard	Test Level / Note
	Conducted emission	FCC PART 15 / CISPR22, CAN ICES-3(B)/NMB-3(B) CNS15936, EAC TP TC 020	Class B
Radiated emission	FCC PART 15 / CISPR22, CAN ICES-3(B)/NMB-3(B) CNS15936, EAC TP TC 020	Class B	

LED AC-DC Adapter



MODEL:
MEANWELL GST40A/60A/90A



- Features**
- Global certificates
 - Universal AC input / Full range
 - 3 pole AC inlet IEC320-C14, Class I power unit
 - Built-in active PFC function
 - No load power consumption < 0.15W
 - Energy efficiency Level VI
 - Comply with EISA 2007/DoE, NRCAN, Korea K-MEPS, AU/NZ MEPS, EU ErP and CoC Version 5
 - Protections: Short circuit / Overload / Over voltage / Over temperature
 - Fully enclosed plastic case
 - -30~+70°C wide range working temperature
 - LED indicator for power on



MODEL:
MEANWELL GST120A/160A/220A



MODEL:
MEANWELL GST160A/220A

GST40A12-P1J	GST40A24-P1J	GST60A12-P1J	GST60A24-P1J	GST90A12-P1M	GST90A24-P1M
GST40A12	GST40A24	GST60A12	GST60A24	GST90A12	GST90A24
12V	24V	12V	24V	12V	24V
3.34A	1.67A	5A	2.5A	6.67A	3.75A
0 ~ 3.34A	0 ~ 1.67A	0 ~ 5A	0 ~ 2.5A	0 ~ 6.67A	0 ~ 3.75A
40W	40W	60W	60W	80W	90W
120mVp-p	150mVp-p	120mVp-p	150mVp-p	120mVp-p	200mVp-p
±3.0%	±2.5%	±3.0%	±3.0%	±5.0%	±3.0%
±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
±3.0%	±2.5%	±3.0%	±3.0%	±5.0%	±3.0%

GST120A12-R7B	GST120A20-□ □=R7B,P1M	GST160A12-R7B	GST160A24-R7B	GST220A12-R7B	GST220A24-R7B
GST120A12	GST120A20	GST160A12	GST160A24	GST220A12	GST220A24
12V	20V	12V	24V	12V	24V
8.5A	6A	11.5A	6.67A	15A	9.2A
0 ~ 8.5A	0 ~ 6A	0 ~ 11.5A	0 ~ 6.67A	0 ~ 15A	0 ~ 9.2A
102W	120W	138W	160W	180W	221W
120mVp-p	150mVp-p	80mVp-p	150mVp-p	80mVp-p	150mVp-p
±5.0%	±5.0%	±5.0%	±3.0%	±5.0%	±3.0%
±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
±5.0%	±4.0%	±5.0%	±3.0%	±5.0%	±3.0%

SAFETY STANDARDS Note.8	UL62368-1, CSA C22.2 No.62368-1, TUV BS EN/EN62368-1, BSMI CNS15598-1, CCC GB4943.1, PSE J62368-1, AS/NZS 62368.1, BIS IS13252, KC K60950-1, EAC TP TC 004 approved
WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC
ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH

LED Power supply

LED AC-DC Adapter

Wall Mount Type Series

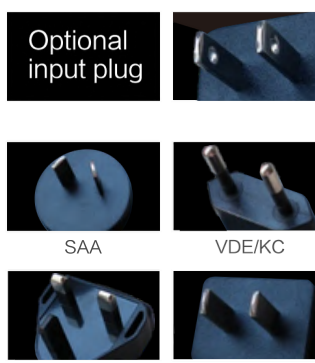
MODEL:
12W/18W/24W/30W/36W



Size: 82*43*30mm



Size: 73*43*28mm



Optional input plug

SAA

VDE/KC

BS

CCC

Safety Approvals:

CCC TUV-CE-EMC TUV-CE-LVD TUV-GS TUV-FCC SAA(RMC) TUV-PSE TUV-CB UL ROHS

Features

- Small volume, light weight, streamline, whole sealing, convenient to carry;
- Built-in EMI filter, good anti-interference strength and high reliability;
- 100% full load testing, stable performance and reliable quality;
- Conform to the requirements of the safety, high efficiency, energy conservation and environmental protection;
- Modified and Custom Design Available

Category	Specifications
Input	
Voltage / Current	100V—240VAC 50-60Hz / 1A Max
Adjusting range	90V—264VAC, 47Hz—63Hz
Protection	Internal Primary Current Fuse, Inrush Limiting (Non-removable built-in one-time fuse)
Output	
Load regulation	±5%
Ripple	1~2%Vp-p Max
Transient Response	0.5mS for 50% Load Change Typical
OCP (Over Current Protection)	105%~150%
Protection	Short Circuit protection/Over Voltage protection/Over Temperature protection, Can automatically recover.
Commonly DC plugs	3.51.35 4.01.7 5.52.1 5.52.5, Can be customized according to the requirement, 10 mm in length if not specified.
Electrical	
Dielectric Withstand	4,242 DC Primary - Secondary
Leakage Current	0.25mA @ 2 Pin / 0.5mA @ 3 Pin
Efficiency	Energy Star Level V & ErP Stage 2 Certified
Indicator light	Adapter: Green, Optional with or withoutCharger: Green: charger is full or disconnect; Red: Pre-charger or charging
EMI Conduction & Radiation	EN:55022:2010, EN55014-1, EN61000-3-3:2013
Surge current	30A MPS@240VAC at 25 °C Cold start
EMS Immunity	IEC61000-4-2
Insulation class	50M ohms minimum from input to ground
MTBF	In 25 environment Temp, The Rated load MTBF 30000H
Environmental	
Operating Temperature	-20 to +40° C
Storage Temperature	-20 to +80° C
Relative Humidity	Operating: 20 to 80% RHStorage: 10 to 90% RH
Cooling	Natural Convection Cooling
Packing detail	about 120g/PCS, Carton size: 460X390X260mm

Output terminal optional



Male terminal
3.5*1.35
3.5*1.1

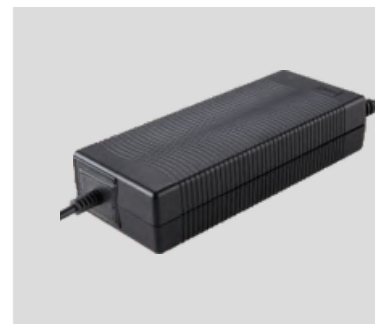
Angle terminal

Male terminal
5.5*2.1
5.5*2.5

Angle terminal

Female terminal

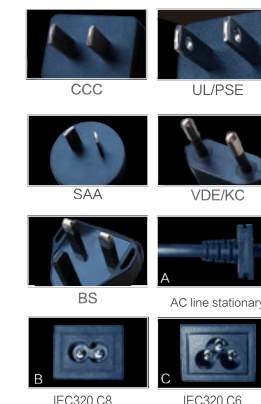
MODEL:
48W/65W/72W



MODEL:
90W/96W/100W/120W



Optional Input Plug



CCC

UL/PSE

SAA

VDE/KC

BS

AC line stationary

IEC320 C8

IEC320 C6

Safety Approvals:

CCC TUV-CE-EMC TUV-CE-LVD TUV-GS TUV-FCC SAA(RMC) TUV-PSE TUV-CB UL ROHS

Features

- Small volume, light weight, streamline, whole sealing, convenient to carry;
- Built-in EMI filter, good anti-interference strength and high reliability;
- 100% full load testing, stable performance and reliable quality;
- Conform to the requirements of the safety, high efficiency, energy conservation and environmental protection;
- Modified and Custom Design Available

Category	Specifications
Input	
Voltage / Current	100V—240VAC 50-60Hz / 1.5A Max
Adjusting range	90V—264VAC, 47Hz—63Hz
Protection	Internal Primary Current Fuse, Inrush Limiting (Non-removable built-in one-time fuse)
Output	
Load regulation	±5%
Ripple	1~2%Vp-p Max
Transient Response	0.5mS for 50% Load Change Typical
OCP (Over Current Protection)	105%~150%
Protection	Short Circuit protection/Over Voltage protection/Over Temperature protection, Can automatically recover.
Commonly DC plugs	3.51.35 4.01.7 5.52.1 5.52.5, Can be customized according to the requirement, 10 mm in length if not specified.
Electrical	
Dielectric Withstand	4,242 DC Primary - Secondary
Leakage Current	0.25mA @ 2 Pin / 0.5mA @ 3 Pin
Indicator light	Adapter: Green, Optional with or withoutCharger: Green: charger is full or disconnect; Red: Pre-charger or charging
EMI Conduction & Radiation	EN:55022:2010, EN55014-1, EN61000-3-3:2013
Surge current	30A MPS@240VAC at 25 °C Cold start
EMS Immunity	IEC61000-4-2
Insulation class	50M ohms minimum from input to ground
MTBF	In 25 environment Temp, The Rated load MTBF 30000H
Environmental	
Operating Temperature	-20 to +40° C
Storage Temperature	-20 to +80° C
Relative Humidity	Operating: 20 to 80% RHStorage: 10 to 90% RH
Cooling	Natural Convection Cooling
Packing detail	about 165g/PCS, Carton size: 460X390X260mm

Output terminal optional



Male terminal
3.5*1.35
3.5*1.1

Angle terminal

Male terminal
5.5*2.1
5.5*2.5

Angle terminal

Female terminal

DALI touch panel

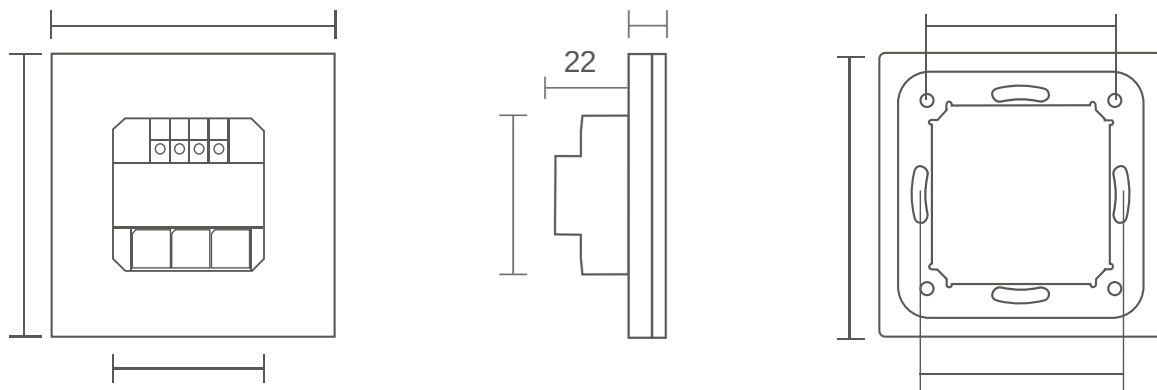


◆ Features





- Adopt DALI standard protocol IEC62386-102,207,209.
- Support switch, dimming and color adjustment function; zone control is available.
- DALI bus supply power.
- Easy to set addresses.
- Support scene, group, unicast and broadcast mode.
- Touch vibration

Power supply	DALI power	Signal	DALI
Control mode	EDT1 DIM	Working temp.	-30° C~55° C
	EDT2 CT	Dimensions(L×W×H)	86×86×37mm
	EDT3 RGB	Package size(L×W×H)	113×112×50mm
	EDT4 RGBW	Weight(G.W.)	240g

◆ Dimension(unit:mm)



LED Controller

Product	Item	Function	Product Description
	WiFi Dual-Mode Single Color Controller	High-quality WIFI Smart Controller Timer switch, delay switch, remote control function Mobile APP control, one-to-many control, group control available Single-color Dimming Simultaneously support Amazon Alexa & Google home voice control	DALI powerSoftware: Magic Home Pro Input Voltage: DC(12-24)V Mobile Version Requirement: iOS 9.0 / Android 4.0 or above Max Output Power: 96W Max Output Current: 4A/CH Application Range: Low Voltage LED Products Channel: Single Color Material: Fire-resistant ABS Effective Control Distance: Visual Distance 30m Operating Temperature: -20~55°C Connection Method: DC Connector Warranty Period: 12 Months
	Wireless 24-Key A1 Model WiFi Dual-Mode RGB Controller E Model Single Load	High-quality WiFi Smart Controller Timer, Delay & Remote Control Functions Mobile APP Control, One-to-Many & Group Control Available 16 Million Colors Adjustment, 20 Built-in Dynamic Modes DIY Color Selection, Microphone & Music Mode Functions Scene Color Picking, Speed & Brightness Adjustment Supports Amazon Alexa & Google Home Voice Control Cinema Mode for Enhanced Viewing Experience WiFi + BLE Dual-Mode Chip, Low Power Consumption & Excellent Performance	App: Magic Home Pro Input Voltage: DC(12-24)V Mobile Version Requirement: iOS 9.0 / Android 4.0 or above Max Output Power: 100W Max Output Current: 4A/CH Application Range: Low Voltage LED Products Channel: RGB Material: Fire-resistant ABS Effective Control Distance: 30m (Visual Distance) Operating Temperature: -20~55°C Wiring Method: Pin Header Warranty Period: 12 Months
	Mini WiFi RGB + 44-Key IR Remote Controller	High-quality WIFI Smart Controller Timer switch, delay switch, remote control function Mobile APP control, one-to-many control, group control available 16 million colors adjustment, 20 built-in dynamic modes DIY color selection, microphone function, music mode function Scene color picking function, speed and brightness adjustment function Support Amazon Alexa and Google home voice control Cinema mode for enhanced viewing experience	App: Magic Home Pro Input Voltage: DC(5-28)V Mobile Version Requirement: iOS 9.0 / Android 4.0 or above Max Output Power: 100W Max Output Current: 4A/CH Application Range: Low Voltage LED Products Channel: RGB Material: Fire-resistant ABS Effective Control Distance: 30m (Visual Distance) Operating Temperature: -20~55°C Wiring Method: Pin Header Warranty Period: 12 Months
	WiFi RGB Controller Model K, Sound Control Version (44-Key IR Remote) (12-24V) (Single Load)	High-quality WIFI Smart Controller Timer switch, delay switch, remote control function Mobile APP control, one-to-many control, group control available 16 million colors adjustment, 20 built-in dynamic modes DIY color selection, microphone function, music mode function Scene color picking function, speed and brightness adjustment function Support Amazon Alexa and Google home voice control Cinema mode for enhanced viewing experience	App: Magic Home Pro Input Voltage: DC(5-28)V Mobile Version Requirement: iOS 9.0 / Android 4.0 or above Max Output Power: 100W Max Output Current: 4A/CH Application Range: Low Voltage LED Products Channel: RGB Material: Fire-resistant ABS Effective Control Distance: 30m (Visual Distance) Operating Temperature: -20~55°C Wiring Method: Pin Header Warranty Period: 12 Months

Line Copper track

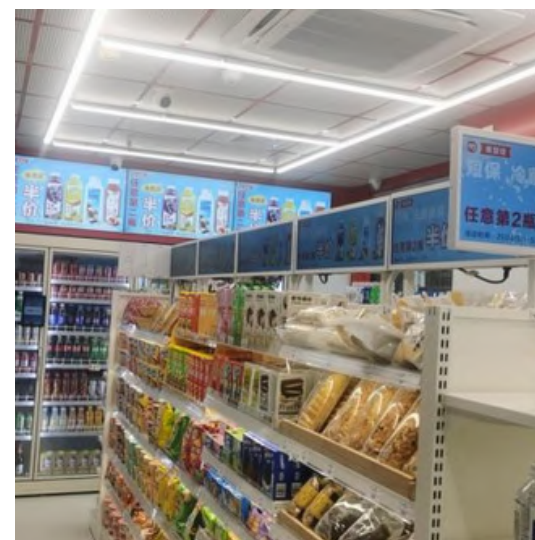
Line Copper track

Line Copper track



- Feature: Plastic profile integrated with copper conductor track
- Material: ABS / PVC / PC / HIPS (and other engineering plastics)
- Conductor Shape: Round or flat copper wire
- Color: Customizable per customer requirements
- Copper Type: Pure copper / Brass / Nickel-clad copper

- Co-extruded type: The plastic and copper wire are tightly integrated, ensuring no loosening and providing an excellent conductive environment.
- Insert copper type: Features superior product formability, high precision, low power loss, and cost-effective production.
- Safety voltage range for copper-inserted rail strips:
 - Low voltage: 12V / 24V / 48V DC
 - High voltage: 220V





LED Mini Plug White (male)
For LED strip



LED Mini Plug White (Female) For
power supply



LED Mini Plug White (Extension)
For Extension



3-way Distribution box for
LED Mini Plug White (male)



4-way Distribution box for
LED Mini Plug White (male)



6-way Distribution box for
LED Mini Plug White (male)



LED Mini Plug Black (male)
For LED strip



LED Mini Plug Black (Female) For
power supply



LED Mini Plug Black (Extension) For
Extension



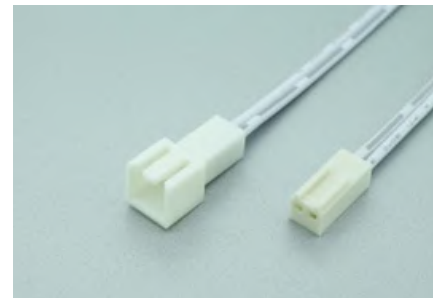
3-way Distribution box for
LED Mini Plug Black (male)



4-way Distribution box for
LED Mini Plug Black (male)



6-way Distribution box for
LED Mini Plug Black (male)



DC5521 connector (male) For
power supply



DC5521 connector (Female)
For LED strip



DC5525 connector (male) For
power supply



DC5525 connector (Female)
For LED strip



DC5521 angled connector
(male) For power supply





XHP connector (male)
For LED strip



XHP connector (Female)
For power supply



XHP connector (Extension)
For Extension



3/6-way Distribution box for
XHP connector (male)



5/10-way Distribution box
for XHP connector (male)



6-way Distribution box with
DC socket



24MP connector
(male) For LED strip



24FS connector (Female)
For power supply



24FME connector
(Extension) For Extension



6-way Distribution box for
connector (male)



IP54 connector (Extension)
For Extension



6-way Distribution box for
IP54 connector (male)



250V2.5A MP connector
(male)



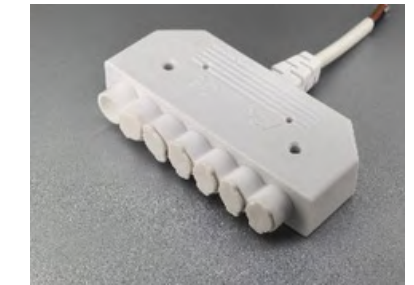
250V2.5A connector
(Female)



250V2.5A FME connector
(Extension) For Extension



250V2.5A
2-way Distribution box



250V2.5A
6-way(IP54) Distribution box



Euro plug+250V2.5A
6-way(IP54) Distribution box



L809 connector (male)
For LED strip



L810 connector (Female)
For power supply



L810P connector
(Extension) For Extension



L807 connector (male)
For LED strip



L808 connector (Female)
For power supply



L808P connector
(Extension) For Extension

Product Description
PVC Insulation
Rated Voltage: 250V
Rated Current: 2.5A
Cable Type: H03VVH2-F, 2×0.75mm²

AC Power Cord

AC Power Cord

AC Power Cord



EU plug 90° -B (Black)



EU plug 90° -B (White)



EU plug 90° -A(White)



Schuko Plug



Brazil Plug



CN Plug



EU plug 90° -A (Black)



EU Female Socket (Black)



EU Female Socket (White)



CN Plug



CN Plug 90°



CN Plug



EU Plug (Black)



EU Plug (White)



EU Extension Cord (White)



US Plug



UK Plug



SAA Plug



C7 to C8 Extension Cord



C8 to C7 Y Splitter



Schuko Plug



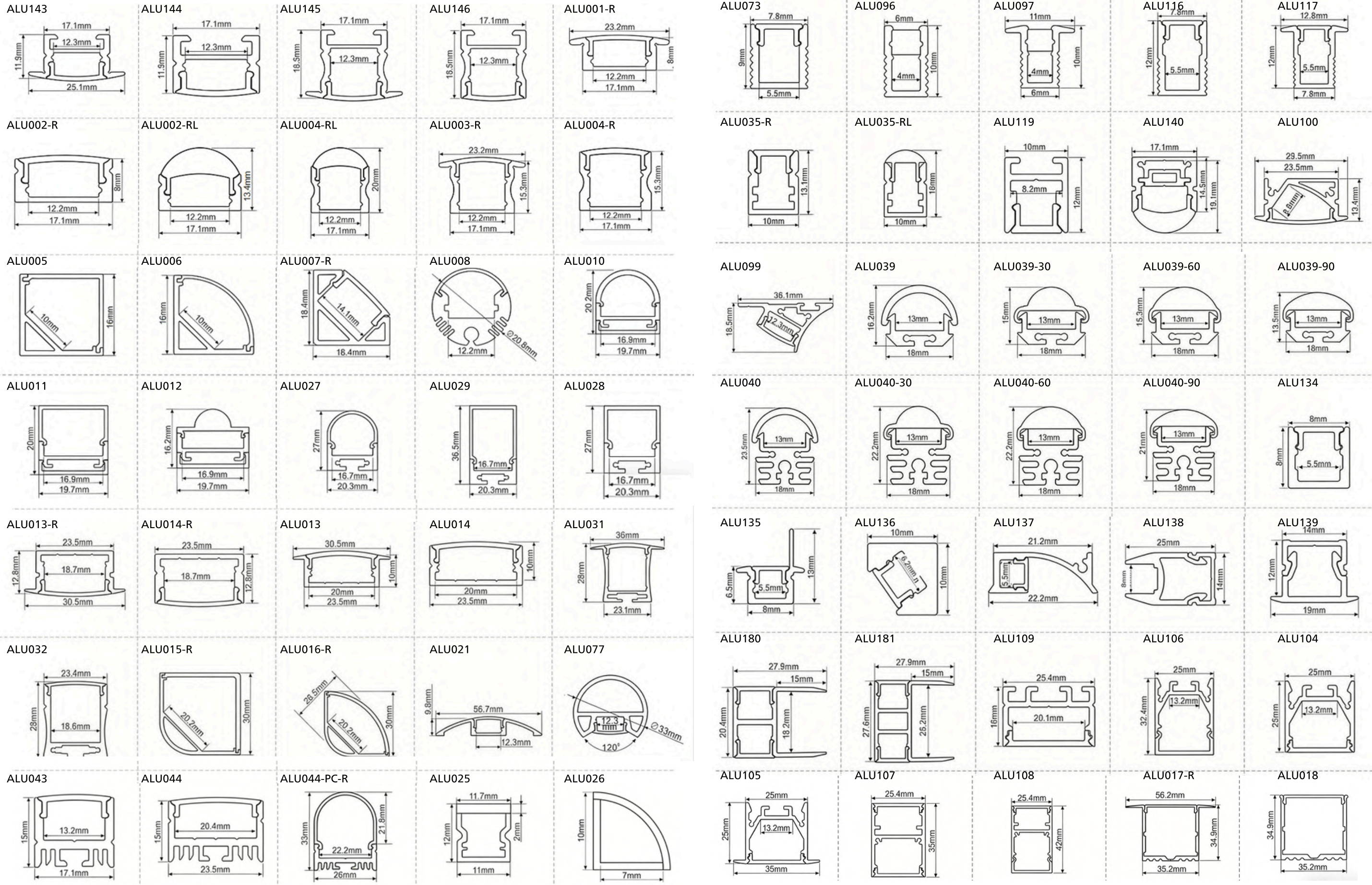
US Plug



C5



C13

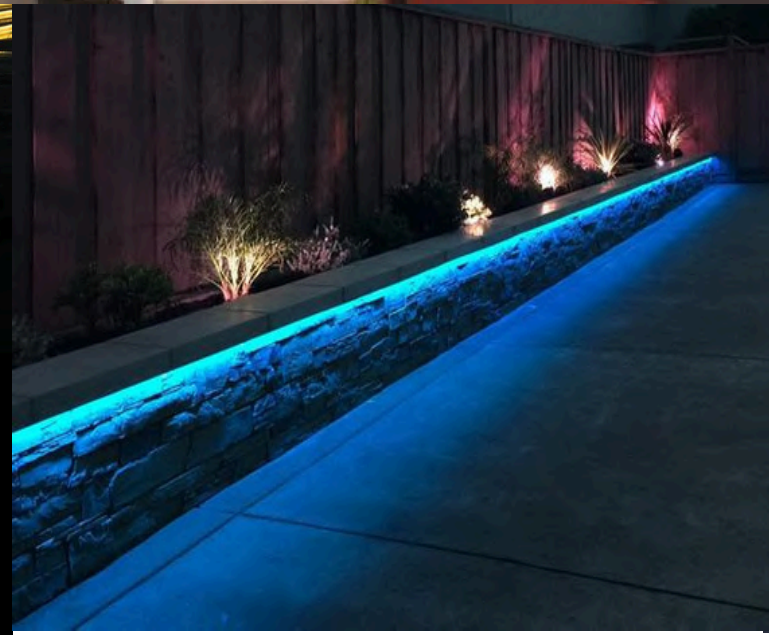
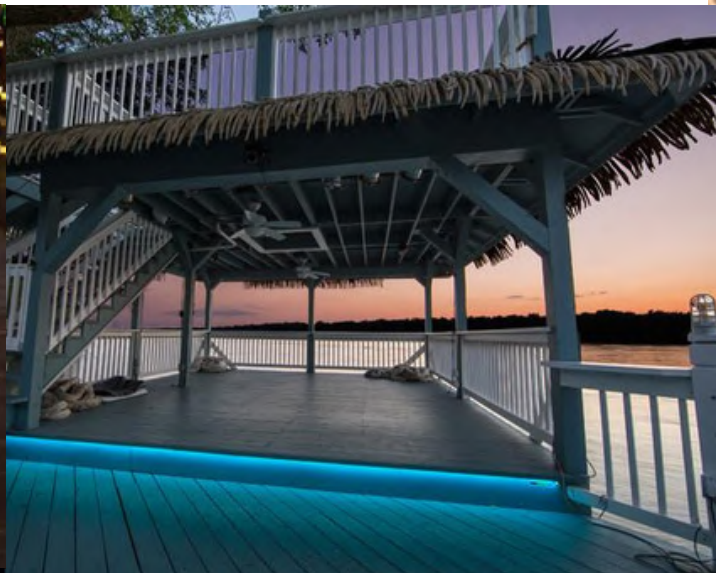
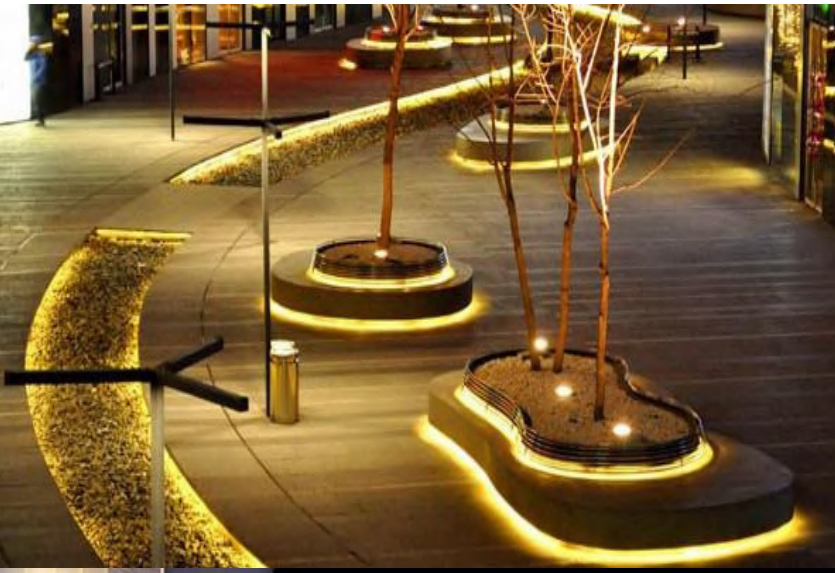


<p>ALU073</p>	<p>ALU096</p>	<p>ALU097</p>	<p>ALU116</p>	<p>ALU117</p>	<p>ALU045</p>	<p>ALU046</p>	<p>ALU047</p>	<p>ALU048</p>	<p>ALU017-R5</p>
<p>ALU035-R</p>	<p>ALU035-RL</p>	<p>ALU119</p>	<p>ALU140</p>	<p>ALU100</p>	<p>ALU018-R3</p>	<p>ALU045-R</p>	<p>ALU046-R</p>	<p>ALU047-R1</p>	<p>ALU048-R1</p>
<p>ALU099</p>	<p>ALU039</p>	<p>ALU039-30</p>	<p>ALU039-60</p>	<p>ALU039-90</p>	<p>ALU6535</p>	<p>ALU5035</p>	<p>ALU9035</p>	<p>ALU7535</p>	<p>ALU12335</p>
<p>ALU040</p>	<p>ALU040-30</p>	<p>ALU040-60</p>	<p>ALU040-90</p>	<p>ALU134</p>	<p>ALU059-R</p>	<p>ALU114</p>	<p>ALU050</p>	<p>ALU062</p>	<p>ALU169</p>
<p>ALU135</p>	<p>ALU136</p>	<p>ALU137</p>	<p>ALU138</p>	<p>ALU139</p>	<p>ALU170</p>	<p>ALU3030</p>	<p>ALU3030-T</p>	<p>ALU6060-R</p>	<p>ALU3880</p>
<p>ALU180</p>	<p>ALU181</p>	<p>ALU109</p>	<p>ALU106</p>	<p>ALU104</p>	<p>ALU051</p>	<p>ALU053-R</p>	<p>ALU054-R1</p>	<p>ALU056</p>	<p>ALU056-D</p>
<p>ALU105</p>	<p>ALU107</p>	<p>ALU108</p>	<p>ALU017-R</p>	<p>ALU018</p>	<p>ALU052</p>	<p>ALU057</p>	<p>ALU3875</p>	<p>ALU3875-D</p>	<p>ALU5075-R</p>

Practical Application

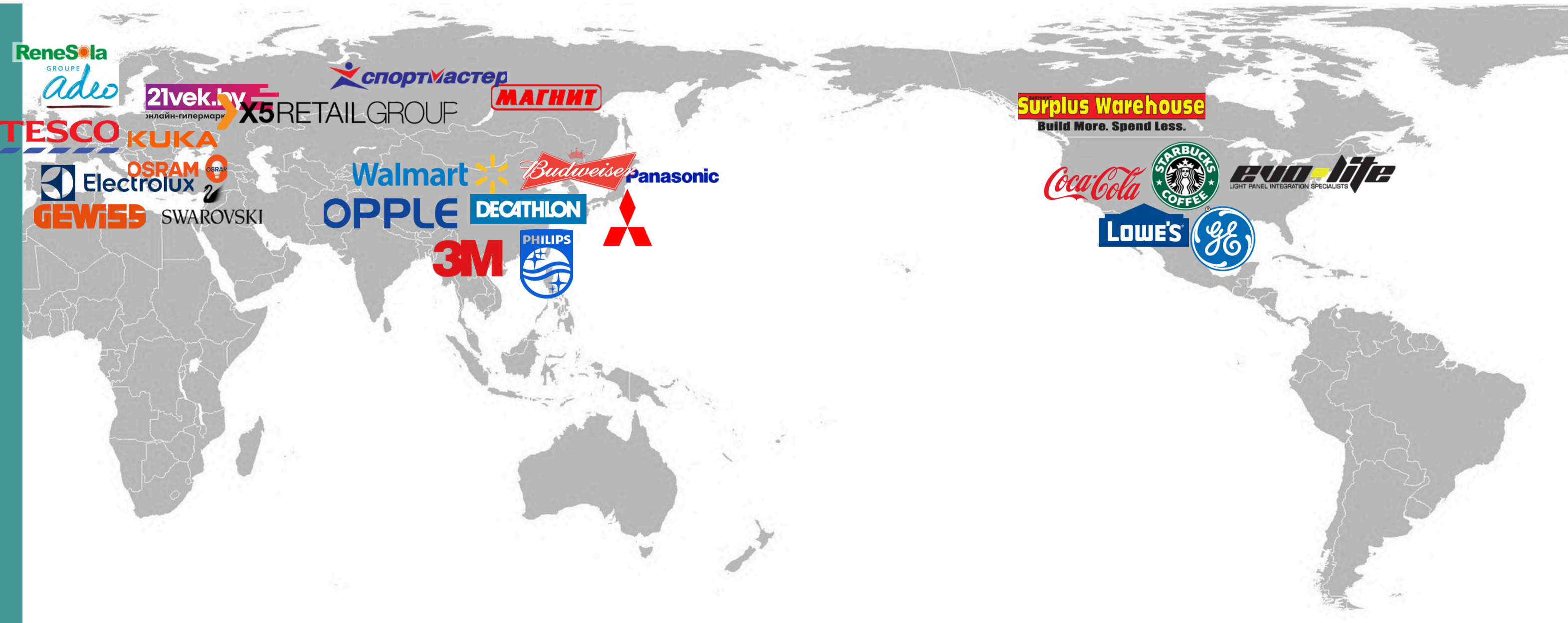


Practical Application



wework

FOREAD[®]
Lighting Solutions



Forth Semi Co.,Ltd.

Add: 3F Area A,37th Bldg,NO.258 XinZhuan Rd Caohejing
Development Zone Songjiang Shanghai China
Tel: 86-21-57632747
Website: www.forthsemi.com
E-mail: zihualee@forthsemi.com