

CREATE THE PERFECT ART OF LIGHT AND COLOR

2023-2024



LED Strip Lighting

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LED STRIPS CATALOGUE

ENTERPRISE ARTICLE

COMPANY PROFILE

LMWT is a production oriented enterprise that integrates the research and development, production, and sales of SMD packaging, LED lighting ect, with a scientific quality management system.

We specialized in producing various of led strip light, led ceiling lamps, led pendant lamps, led linear light, downlight, led tube light, led panel light, led high bay light, led flood light, led street lamp, and other indoor and outdoor lighting.

We have been providing OEM and ODM customization services for domestic and foreign retailers, wholesalers, engineering companies, and cross-border e-commerce more than 12 years.

The product is widely used in indoor and outdoor decorative lighting. The product quality is reliable and stable, and has passed the CE, RoHS ect standards.

Our company will adhere to a customer-oriented and quality oriented strategy. we sincerely welcome friends from around the world to visit us and cooperate with us on the basis of long-term mutual benefits and work together with customers and partners to grow and develop together.



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LMWT Strips

Universal LED strip light

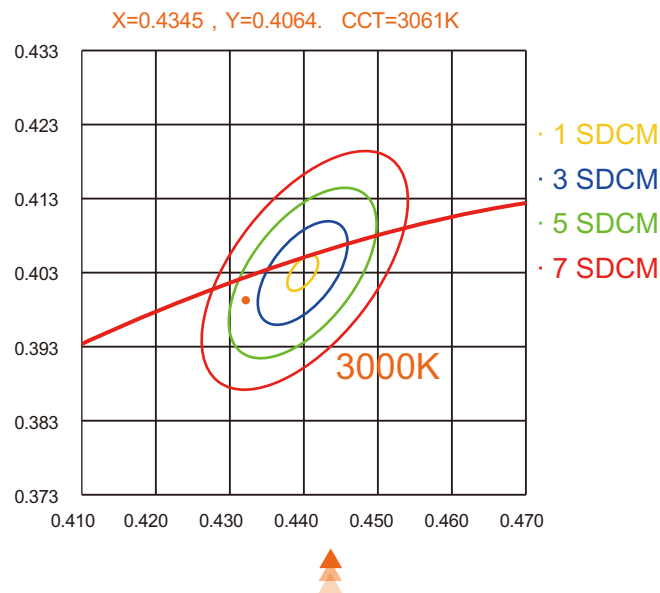
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What is SDCM

SDCM It refers to the difference between the formula calculated by the computer and the target standard. At that time, it should be noted that it only represents color comparison under a certain light source and cannot detect deviations under different light sources. The difference between the light source emitted by the light source and the standard spectrum



This ellipse can be understood as a step size(Step), Usually, only the difference of 5-7 steps can be detected with the naked eye.

Industry standard level :

- 1. Energy Star ANSI C78.376, color tolerance ≤ 7 SDCM, divided into areas based on LED characteristics.
- 2. EU standard ERP, color tolerance ≤ 6 SDCM, to standardize LED zoning according to lighting technical requirements.
- 3. National standard GB10682-2002, Performance requirements for double ended fluorescent lamps Color tolerance ≤ 5 SDCM can be used as a reference for LED light color tolerance requirements.

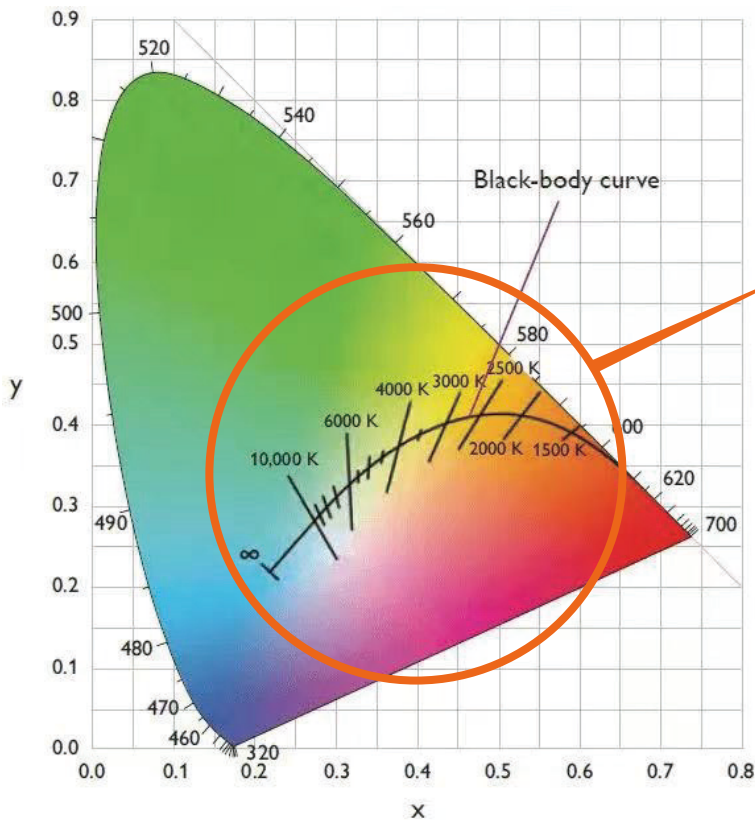
Implementation Plan for SDCM Products with Color Tolerance ≤ 3

- 1. Enhance the color concentration of the order, using the center point of each color tolerance as the center point of the product color, and try to concentrate the light bead color within the 3rd order range as much as possible;
- 2. For SMT and simulated lumen orders, some products may have a color tolerance range of 3-5 orders. BIN can be divided based on the color tolerance splitting method, and the requirement of a whole lamp color tolerance of less than 3 orders can be achieved through cross SMT. Optoelectronic technicians from the same party can provide you with the best matching solution.

What is color tolerance and what is the relationship between it and color temperature ?

To understand color tolerance, one must first know what the relevant color temperature is. The relevant color temperature is not the color temperature, so what is the difference between them? Of course there is. **Color temperature** refers to: when the color of the light emitted by a light source is the same as the color of the light emitted by a blackbody at a certain temperature, the temperature of the blackbody is called the color temperature of the light source

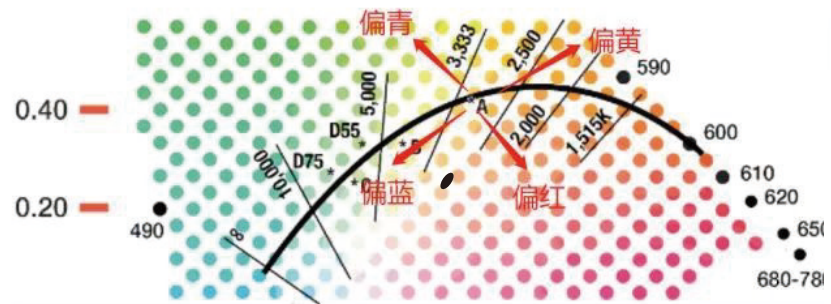
That is to say, only falling on the blackbody radiation line can be called color temperature.



Blackbody Radiation Line (also known as Planck curve)

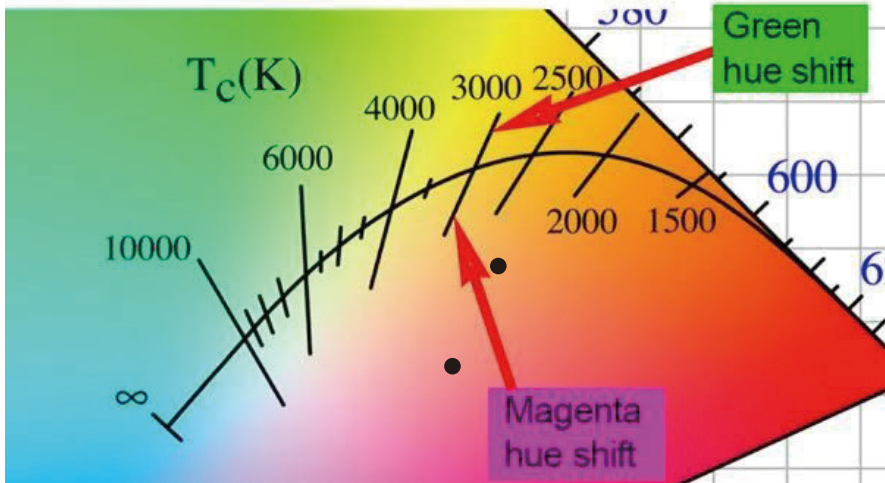
The light emitted by an LED is not thermally radiated, so its color may not fall on the blackbody radiation line. Therefore, we can only find the closest point on this line, which is its relevant color temperature.

In the relevant color temperature tolerances, the inconsistency of color temperature has always troubled LED lighting product manufacturing enterprises. The color temperature problem is also manifested as the same color temperature value tested, but different light colors, which is called the same temperature and different colors. There is also the same light color but different tested color temperature values, which is called the same color and different temperatures.



For related color temperatures, the ones near the blackbody radiation line below are all called 3000K. The green color that makes people feel is 3000K, and the red color is also called 3000K. For the user's preference for light color and the exchange of certain color temperature lights.

Examples of hue shift: green and magenta shifts on CIE 1931 chromaticity diagram for a 3000K light.



One color turns green and the other turns red, although they may not appear different to the naked eye, they are both called 3000K.

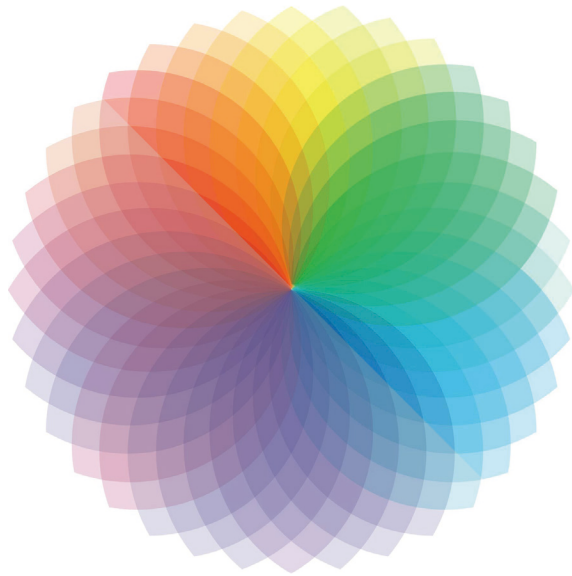
Perhaps many people may have doubts, as the color temperature changes from green to red. How can we solve this problem?

This is the color tolerance that everyone is talking about



People are also very concerned about the color rendering index when choosing a light strip, because soft lighting combined with high color rendering index can give people a different feeling. The difference in color rendering is that the illumination sensation of the light source is different. Currently, the best color rendering index is 100 (natural light).

It can be seen that 90 is closer, and the color reproduction of the two also needs to be different. The reduction index of 90 will be higher because it is closer to natural light, The value of 80 will be relatively low, so this aspect also needs to be considered when selecting light strips.

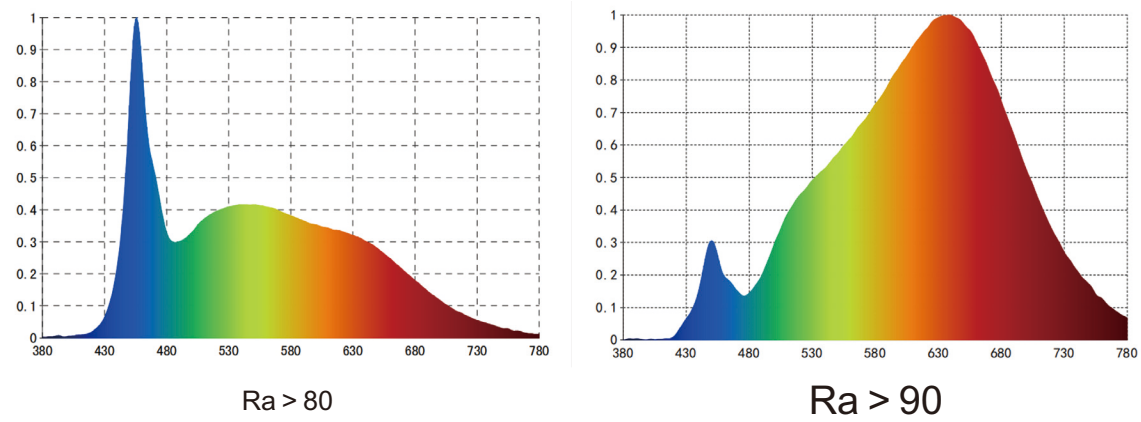


Regardless of the type of light source, the color rendering index is related to the distribution of the spectrum.

The closer the spectrum to natural light, the higher the color rendering index.

To improve the color rendering index of artificial light sources, it is necessary to add spectra that are relatively lacking in natural light.

Correlated Color Temperature



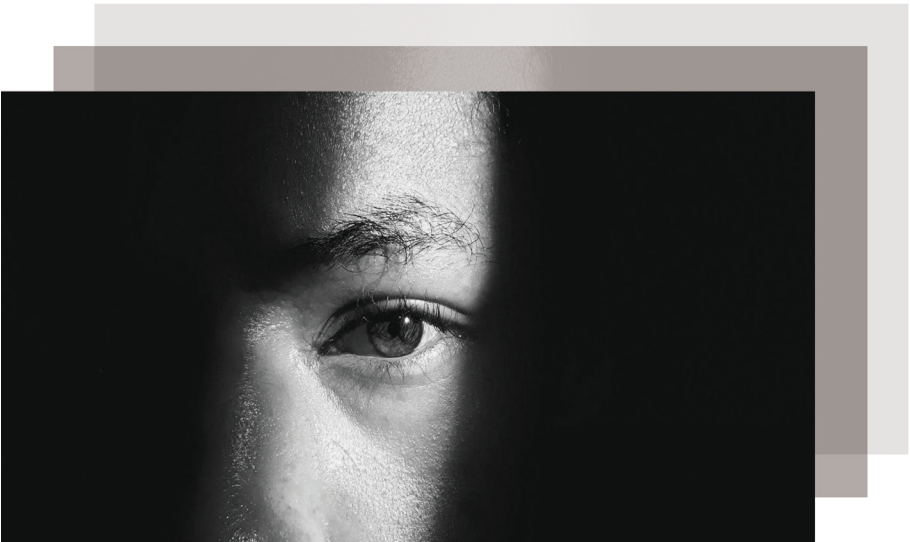
When there is little or no main wave reflected by the object under the reference light source in the light source spectrum, it will cause significant color difference.

The greater the degree of color difference, the worse the color rendering of the light source to that color.

The color rendering index coefficient (Kau fman) is still a universal method for defining the color rendering of light sources.

The color rendering index of sunlight is defined as 100, and the color rendering index of incandescent lamps is very close to sunlight, so they are considered an ideal reference light source.

This system is tested using 8 standard color samples with moderate chromaticity. Compare the degree of deviation between these 8 colors under the test light source and the reference at the same color temperature. To measure the color rendering index of the light source, take the average deviation value Ra20-100, with 100 being the highest. The larger the average color difference, the lower the Ra value.



From the perspective of protecting vision, The color rendering index of the lamps used needs to be greater than 80. Children's school supplies and textbooks are rich in color, and the lighting used for learning can cause color distortion if the color rendering index is low, This can lead to visual fatigue and myopia.

So, the closer the eye protection light that accompanies children in reading and learning, the higher the indication, the better

○ BLUE LIGHT IS EVERYWHERE

Blue light is everywhere
Long term exposure leads to visual fatigue

Reasonable use of blue light to protect eye health

The degree of harm to the eyes caused by blue light varies with age.

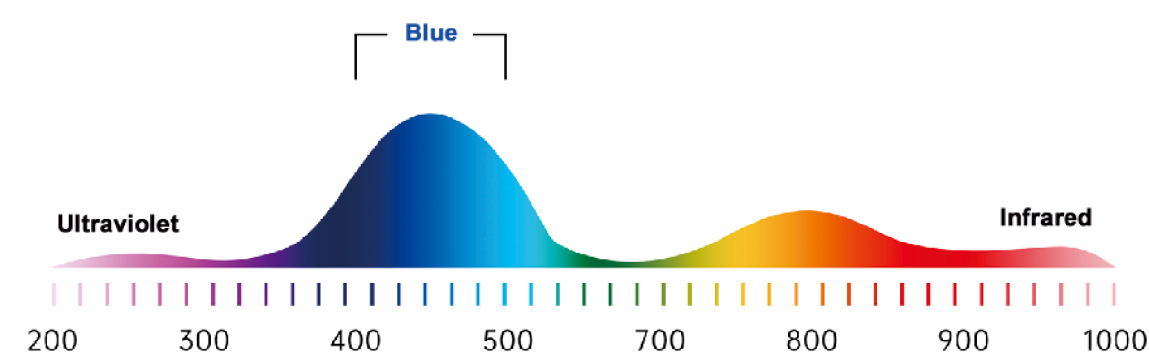
For older individuals, crystals will turn yellow as they age;

And children are sensitive to strong blue light, which can cause vision loss and even eye diseases.

It is worth noting that in real life, we generally do not look directly at LED lights,

but the time spent looking directly at mobile phones and computer screens can be very long,

Only by cultivating good eye habits can we effectively reduce the damage of blue light to the eyes.



Blue light with wavelengths of 380 to 495 nanometers is blue light



Dry and tired eyes



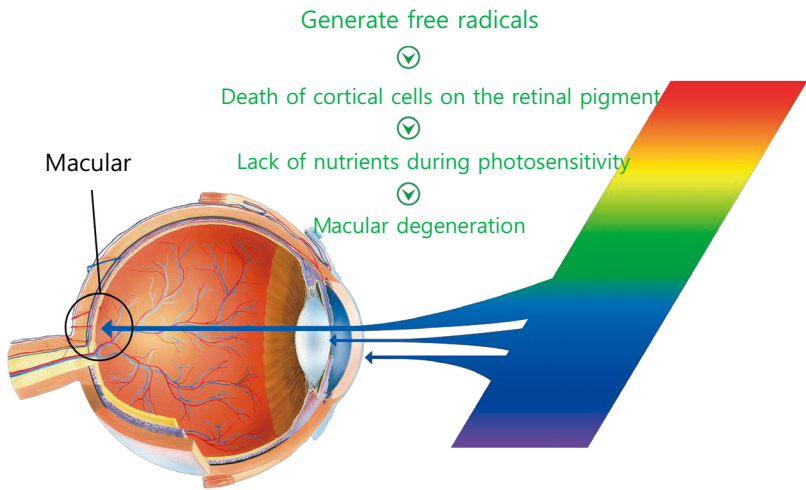
Impaired visual acuity



Disrupting the biological clock

Blue light is ubiquitous in our lives, except for LED lights, LCD screens in digital products such as smartphones and tablets all have blue light.

If exposed to blue light for a long time and in large quantities, such as keeping your phone or tablet in hand all day
If this unhealthy eye habit persists,
the risk of blindness caused by cataracts and macular degeneration will also increase.



The degree of harm to the eyes caused by blue light varies with age. For older individuals, crystals will turn yellow as they age;
And children are sensitive to strong blue light, which can cause vision loss and even eye diseases.
It is worth noting that in real life, we generally do not look directly at LED lights, but the time spent looking directly
at mobile phones and computer screens can be very long,
Only by cultivating good eye habits can we effectively reduce the damage of blue light to the eyes.

Why do we need R9 for our light strip?

Color rendering: It is the perception of an object under a light source and the authenticity of its perception under sunlight, which is an important aspect of evaluating the illumination of a light source.
Color rendering index: It is the parameter used to evaluate the color rendering of human light sources. The closer the color rendering index is to 100, the stronger the color reproduction ability.

So how does the color rendering index come out?

The CIE (International Commission on Illumination) has established an evaluation model that specifies 14 colors, and China has added 15 Asian women's skin tones. Marked as R1, R2, R3... R14, R15.



R1: Light Grayish Red	R2: Dark Gray Yellow	R3: Saturated yellow green	R4: Medium yellow green	R5: Light blue-green	R6: Light blue
R7: Light purple blue	R8: Light red purple	R9: Saturated red	R10: Saturated yellow	R11: Saturated green	R12: Saturated blue
R13: Caucasian skin color	R14: Leaf Green	R15: Yellow skin color			

Among them, R1~R8 are called typical display indices, and R9~R15 are called special color rendering indices
Ra represents the average color rendering index of the first 8 common colors, denoted as Ra, which represents the color rendering performance of the light source, with a maximum value of 100
Re is the average value of R1 to R15.



Ra > 80



Full Spectrum Ra>97
Restore the most realistic color of an object

Ra represents only the general color rendering index. In the lighting industry, the importance of R9 is increasing,
The so-called R9 refers to the ability of a lamp to display red in its color rendering index.
Simply put, the higher the R9 of the lamp, the more realistic and vibrant the effect it produces when photographed in fields such as fruits and flowers.

So what are the negative effects of low R9 on children?

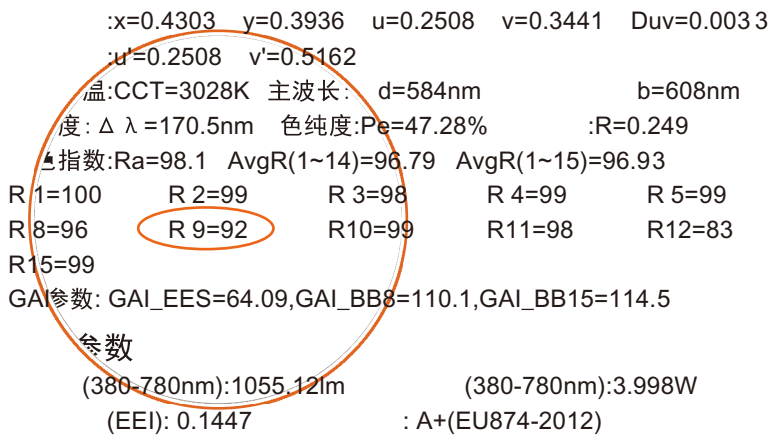
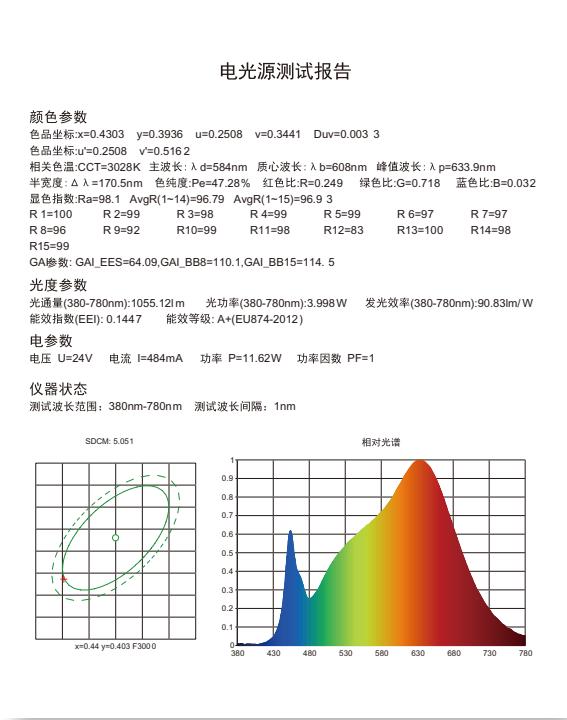
Different scenes have different requirements for the color rendering index of light sources.
From the perspective of protecting vision, the color rendering index of the lamps used needs to be greater than 80.



Frequent Rubbing of Eyes Blurred vision Dry eyes

R9 is very important for protecting children's vision, and the so-called R9 refers to the ability of the lamp's color rendering index to display red. Simply put, the higher the R9 of the lamp, the more it can display true colors and restore its original brightness.
However, ordinary fluorescent lamps and low-quality LED light sources have a color rendering index of around 70, which means they lose about 30% of the original color of the object,
Moreover, the color rendering ability of saturated red (R9) is generally low, even negative.

Long term learning in lighting environments with low R9 index,
It will inevitably lead to a decline and decline
in children's ability to distinguish colors, resulting in situations such as
color weakness and poor ability to distinguish colors.



R1-R8 is a color with medium saturation
R9-R15S is a high saturation color
The higher the saturation, the brighter the color.
It's just that Ra is high, but the visual effect may not necessarily have good color rendering, Only when both Ra and R9 have high values can the high color rendering of LEDs be guaranteed.

QUALIFICATION

LMWT QUALIFICATION ▶▶▶

QUALIFICATION



Trade-mark



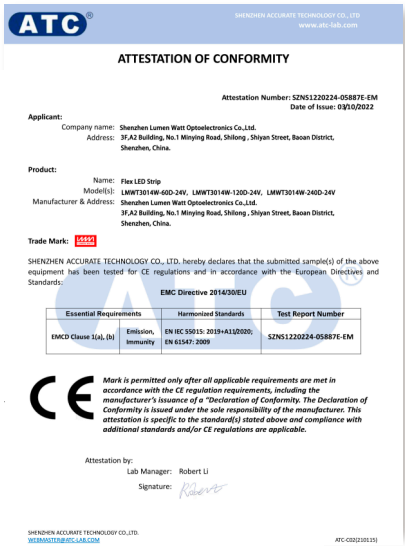
RoHS Certificate



Blue light hazard free test



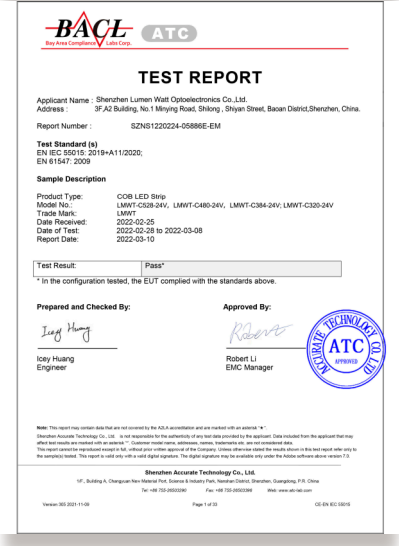
IP68 CERTIFICATE



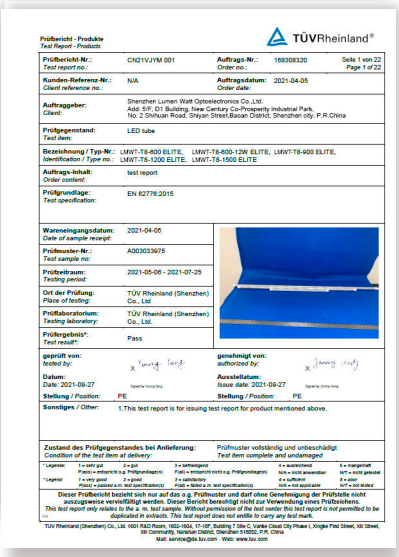
CE Certificate



Lm80 Test Reprot



COB Test Report



TUV Test Report

QUALIFICATION

Optional protection level
within the scope of technical support



Single choice to specify BIN area
Multiple BIN zones can be selected



Customizable
special packaging



Customers can customize black and white,
certified screen printing, logos, etc



Customizable labels



CRI



Customizable color rendering index

COLOR



Customizable specified colors

LENGTH

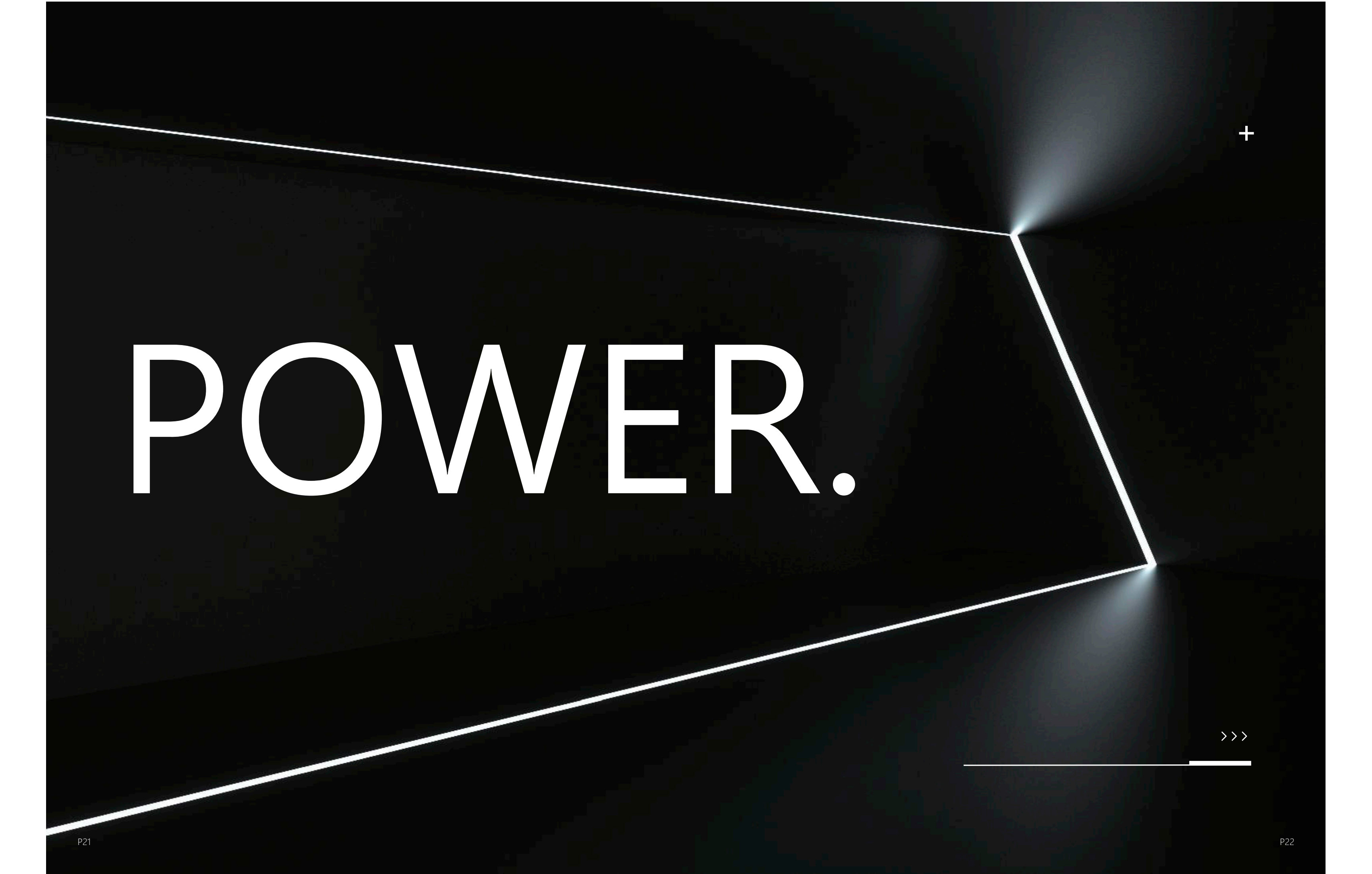


Optional length supported
within the technical range

WIRE



Optional outgoing method

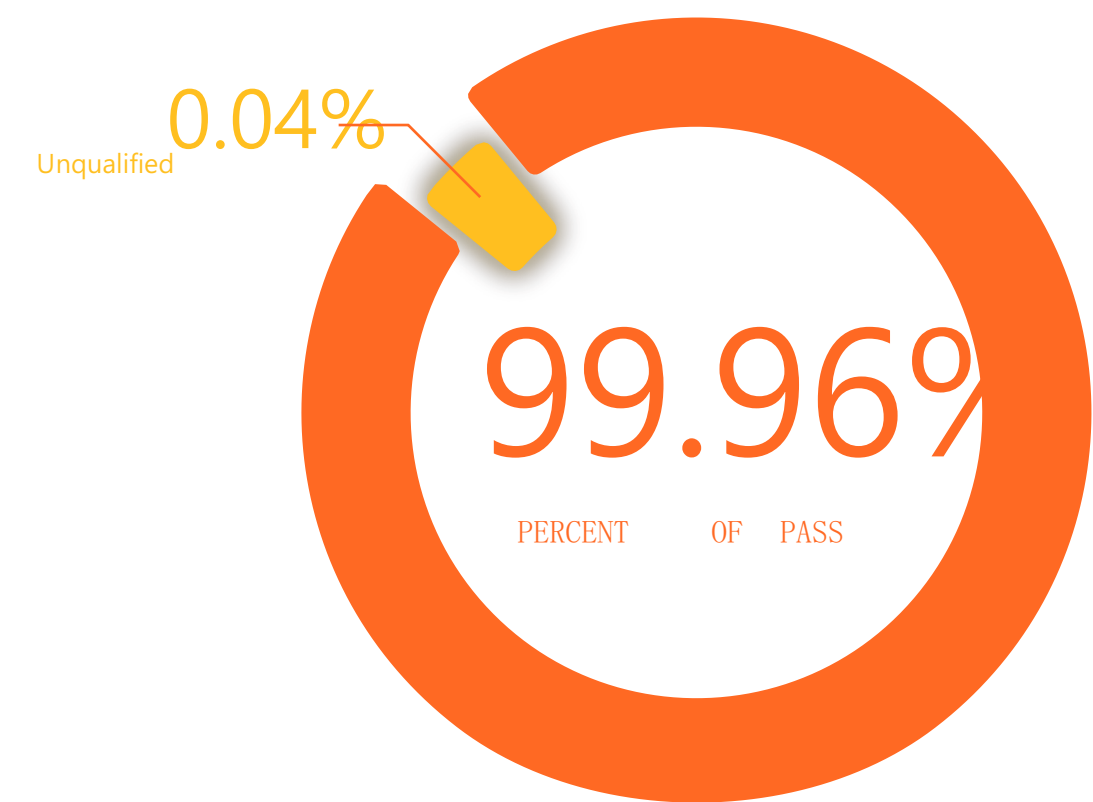
An abstract geometric composition on a black background. Three bright white lines intersect to form a triangular prism-like structure. The lines are illuminated from below, creating a soft, glowing light effect at the intersection points and along the edges. The word "POWER." is written in a large, white, sans-serif font across the center of the image.

POWER.

+

>>>

LMWT POWER

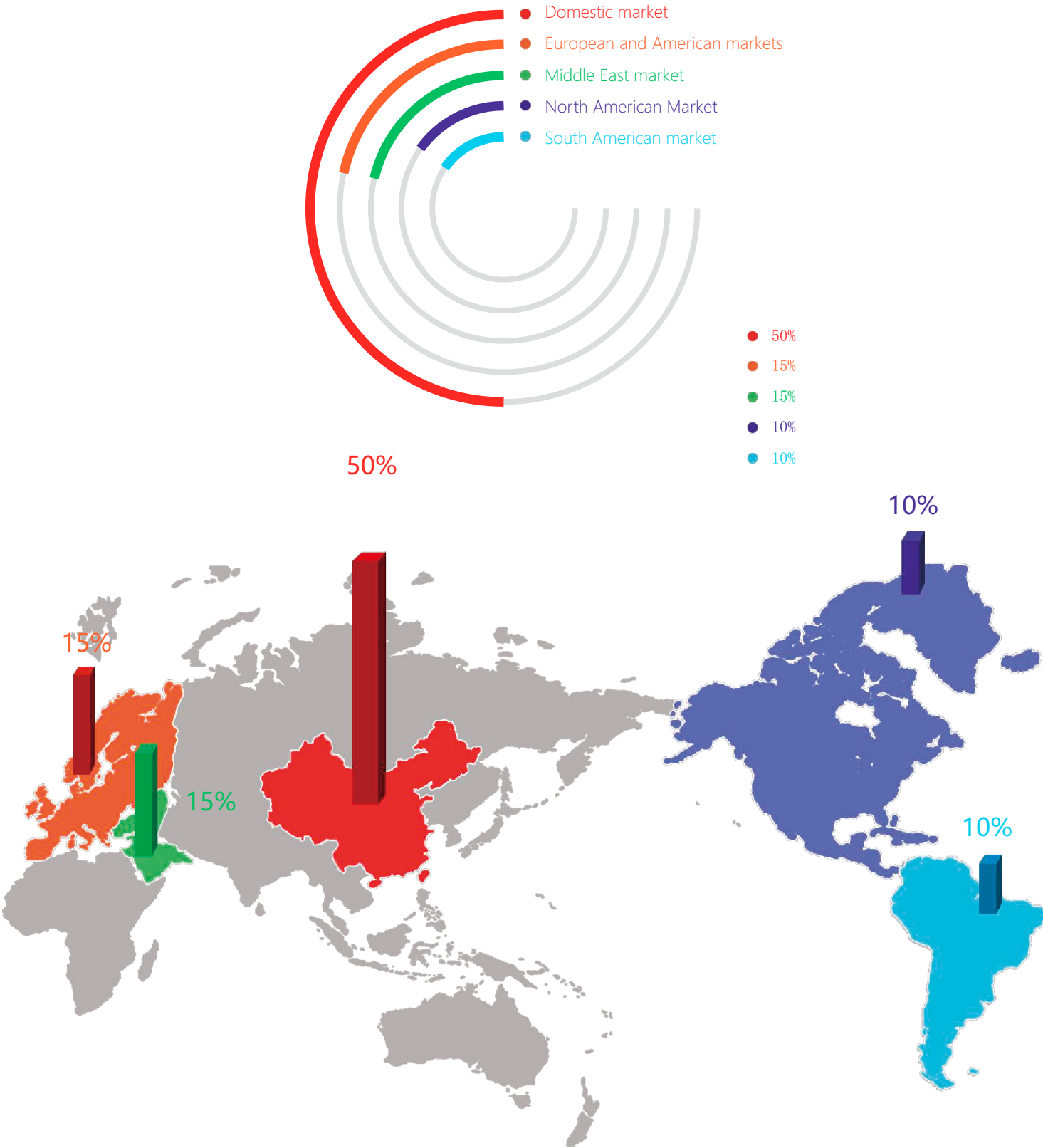


LMWT has a high-quality, experienced R & D, production and sales team. In line with market demand-oriented, with a more high-end, more professional, stricter sense of responsibility to lead the revolution of the world of light and shadow, LMWT people through independent innovation, the first to achieve major breakthroughs in patents and international patents, with completely independent intellectual property rights.

In October 2014, LMWT took the lead in the industry to implement in accordance with EU environmental protection standards. All along, LMWT insists on using high-quality light sources, electronic components, environmentally friendly imported light guide materials and unique and exquisite technology, combined with international standard light efficiency design and power factor, truly making each product have a good appearance and rich internal functions.

Quality is the foundation of our people, but also the root of enterprise development, is the core of our products, LMWT do not do harm to the interests of consumers, in line with the attitude of consumers and society responsible to adhere to the bottom line of quality, refer to the energy star standard, LMWT quality testing level and international advanced synchronization, so as to ensure that the product quality is excellent, stable, the factory qualification rate of products are maintained above 99.96%.

— • Products are exported to 23 countries around the world • —



DISTINGUISH OF CIRCUIT BOARD

FPC Advantages of the plating process! !

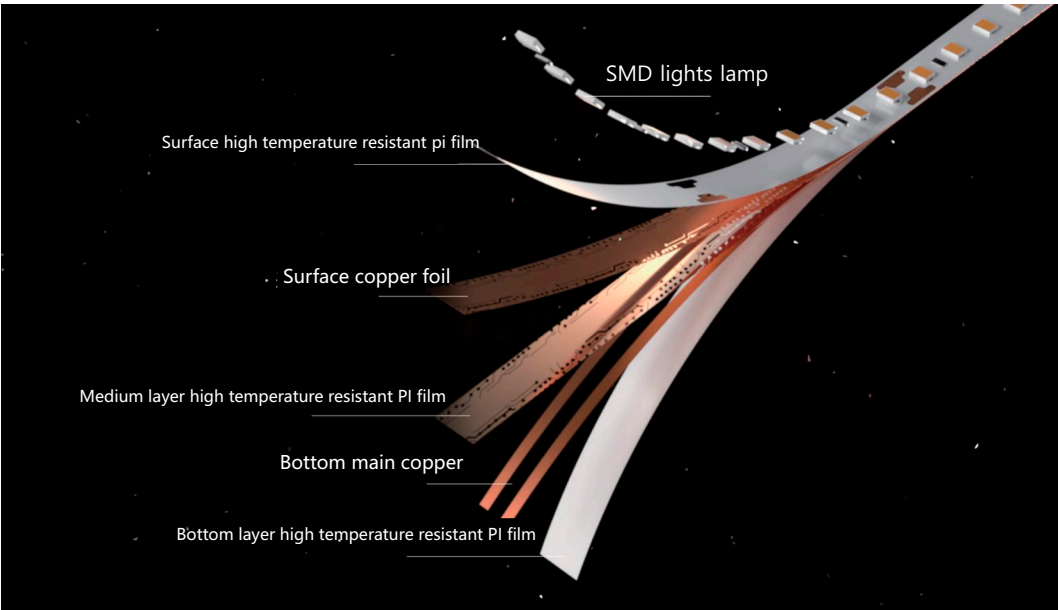
(1) The pre-treatment of FPC electroplating for flexible printed boards. After the coating process, the exposed copper conductor surface of FPC may be contaminated with adhesive or ink, and there may also be oxidation and discoloration caused by high-temperature processes. To obtain a tight coating with good adhesion, the pollution and oxide layer on the conductor surface must be removed to make the conductor surface clean.

But some of these pollutants are firmly bound to copper conductors and cannot be completely removed with weak cleaning agents. Therefore, most of them often use alkaline abrasives and polishing brushes with a certain strength for treatment. The adhesive for the covering layer is mostly epoxy resin and has poor alkali resistance, which can lead to a decrease in bonding strength. Although it is not obvious, in the FPC electroplating process, the plating solution may seep into the edge of the covering layer. In severe cases, it can cause the covering layer to peel off. During the final welding, there was a phenomenon of solder drilling under the covering layer. It can be said that the pre-treatment and cleaning process will have a significant impact on the basic characteristics of flexible printed circuit board FPC, and it is necessary to pay sufficient attention to the treatment conditions.

(2) When electroplating with FPC, the deposition rate of the plated metal is directly related to the electric field strength. The electric field strength also varies with the shape of the circuit diagram and the position of the electrode. Generally, the thinner the wire width, the sharper the terminal at the terminal area. The closer the distance to the electrode, the greater the electric field strength, and the thicker the coating at that area. In applications related to flexible printed boards, there are situations where the width of many wires in the same circuit varies greatly, which makes it more likely to cause uneven coating thickness.

To prevent this situation, a shunt cathode pattern can be attached around the circuit to absorb uneven current distributed on the electroplating pattern, ensuring maximum uniformity of coating thickness on all parts. Therefore, efforts must be made in the structure of the electrode. A compromise solution is proposed here, where the standards for areas with high uniformity of coating thickness are strict, while the standards for other areas are relatively relaxed, such as lead-tin plating for melt welding and gold plating for metal wire bonding. For general anti-corrosion purposes, the coating thickness requirements for lead-tin plating are relatively relaxed.

(3) The stains, dirt, and discoloration on the surface of FPC electroplating were not found to be any problems, especially in the appearance of the newly plated coating. However, some surfaces soon showed signs of stains, dirt, and discoloration, especially during the factory inspection, and no abnormalities were found. However, when the user conducted a receiving inspection, they found that there were appearance problems. This is caused by insufficient drifting and residual plating solution on the surface of the coating, which slowly undergoes chemical reactions over a period of time. Especially for flexible printed boards, due to their softness and unevenness, various solutions are prone to accumulate in their recesses? Afterwards, a reaction will occur in the area and discoloration will occur. To prevent this from happening, not only sufficient drifting but also sufficient drying treatment should be carried out. It can be confirmed whether the drift is sufficient through high-temperature thermal aging tests.

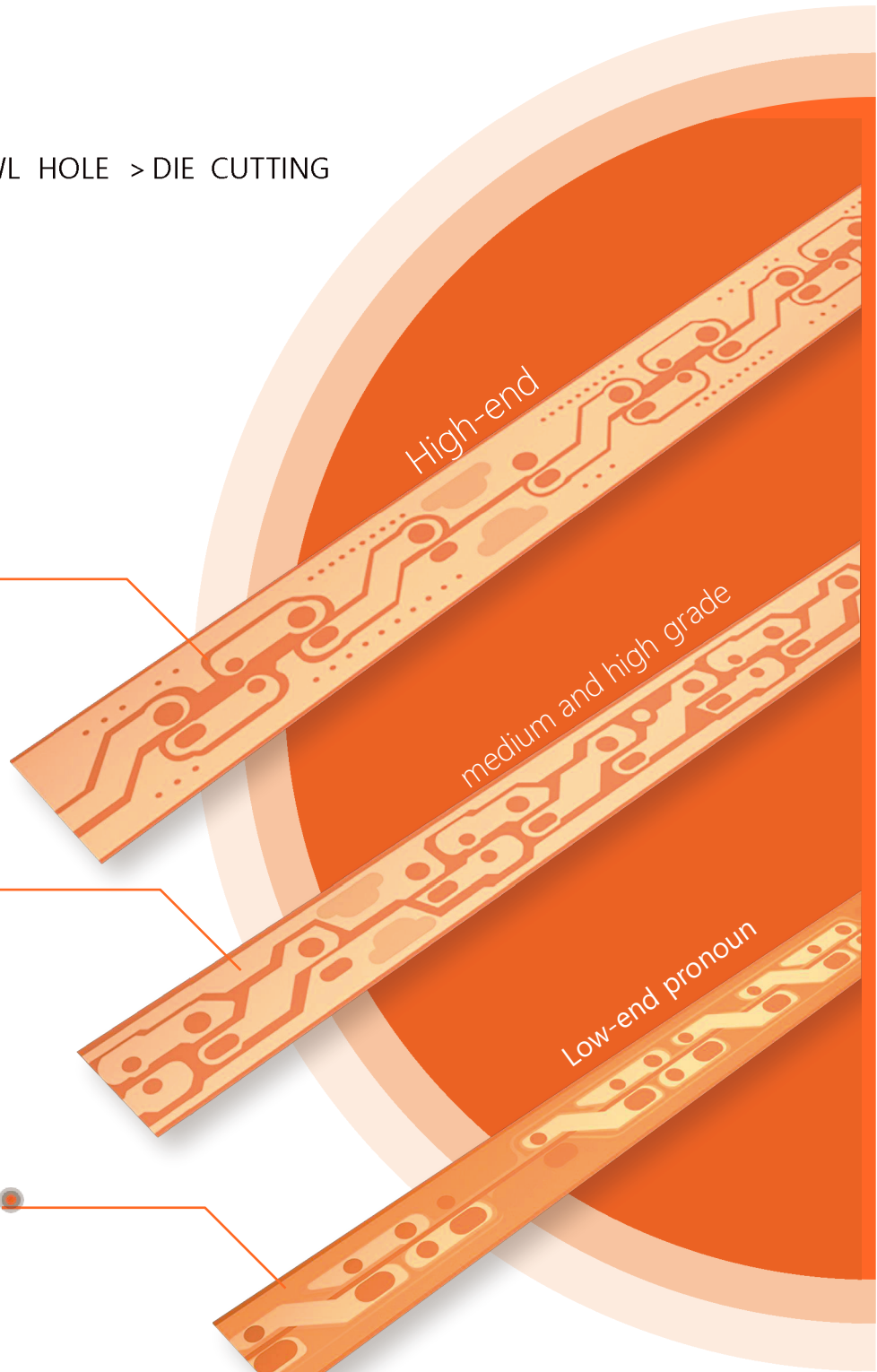


ELECTROPLATING > BOWL HOLE > DIE CUTTING

Electroplating process

Bowl hole process

Die cutting process



ENGINEERING CASES



JW MARRIOTT HOTEL

The Shanghai Oriental Beauty Valley JW Marriott Hotel is located in Shanghai, facing the picturesque Jinhai Lake and Fengxian Museum.

The hotel has convenient transportation and is only about 45 minutes away from Hongqiao Comprehensive Transportation Hub by car to Hongqiao International Airport, Hongqiao Railway Station, and Passenger Station.

The hotel has 265 elegantly decorated guest rooms, 4 elegant restaurants, and a lounge.



GUIYANG PROVINCIAL MUSEUM

The new Guiyang Provincial Museum is located on the north side of the middle section of Lincheng East Road in Guanshanpu District, Guiyang City, facing the Guiyang International Convention and Exhibition Center and Guiyang Urban Rural Planning Exhibition Hall across the road.

Its skyline and architectural style are coordinated and consistent with the Guiyang International Convention and Exhibition Center, echoing from afar.

W HOTEL

W Hotel in Xi'an is located in Qujiang New District.

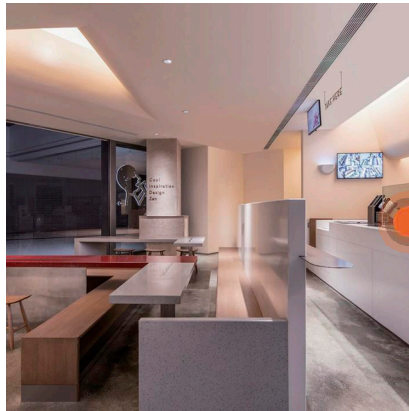
Promote Xi'an's landmark with a modern and avant-garde architectural appearance. At nine o'clock, all W's that have opened in China.

The architectural design of Xi'an W Hotel incorporates more local cultural factors from Xi'an.



STARBUCKS COFFEE COMPANY

Starting from a love for coffee, Starbucks has spread from Seattle to various parts of the world, allowing more people to enjoy high-quality coffee.



HEY TEA

The Pearl River Delta and the Yangtze River Delta region provide light strip demand. Heytea is the original creator of freshly brewed cheese tea.

Since its inception, Heytea has focused on presenting high-quality tea aromas from all over the world, giving new vitality to this ancient culture of tea drinking.



YAEIJIANG

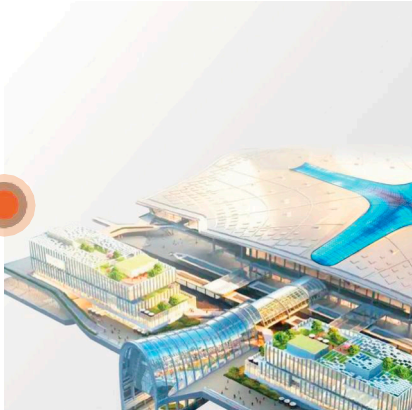
In the process of developing Jiang Yuer's sauerkraut fish franchise brand by leaps and bounds, with the attitude of wholeheartedly thinking about its allies, it has won the trust and recognition of major franchised stores and won a good reputation.

HANGZHOU WEST RAILWAY STATION

National first-class lighting engineering;

Located in Hangzhou, Zhejiang Province, China, it is a railway station under the jurisdiction of China Railway Shanghai Bureau Group Co., Ltd., and a junction station of Hefei Hangzhou High speed Railway and Hangzhou Wenzhou High speed Railway.

It is also a supporting transportation guarantee project for the 2022 Hangzhou Asian Games.



SUZHOU INTERNATIONAL CONFERENCE HOTEL

Lighting engineering for five-star hotels

Located in the beautiful scenery of Huanxiu Lake, covering an area of 164000 square meters, equivalent to the size of three standard sports stadiums, with a building area of nearly 10000 square meters. The overall architectural design of the hotel looks similar to the Chinese character "Zhong". The design concept of "Chinese Dream, Window of Dreams" is perfectly reflected.



Universal light strip, made of self encapsulated light beads, can be automatically installed through SMT at high speed, providing multiple colors, color temperatures, and finger display options. It adopts various protective processes such as integrated extrusion, and can achieve multiple protection levels such as IP33, IP55, IP65, and IP67.

It can be widely and independently applied to various indoor spaces for main lighting, auxiliary lighting, key lighting, and decorative lighting, and can also be used in conjunction with various lamps, homes, cars, ships, advertising decoration, etc

UNIVERSAL LED STRIP PRODUCT

LOW ENERGY CONSUMPTION SERIES

promotion "carbon neutrality"
Create a "zero-emission" low-carbon life

Features & Applications

Dimmable, a variety of waterproof types optional, easy to operate, cuttable, connectable

Widely used in a variety of decorative and indirect lighting places

- Amusement parks, KTV, cinemas... Interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas
- Outdoor lighting, home ceiling decoration lighting

Low Energy Consumption series



SMD2835 120leds/M

Low energy consumption
More power saving
high light efficiency

With the development of the Internet of Things and the implementation of the national "carbon neutrality" and "carbon peak" strategies, the market will also pay more attention to the healthy, intelligent, low-carbon and energy-saving sectors.

This also means that in order for lighting enterprises to meet the needs of digitization, intelligence, and cost reduction in engineering, they must continuously improve and maintain their advantages in technological research and development, technological strength, and product quality in order to respond to market trends.

Hard power will become the core of competition, and low energy lighting will inevitably become the mainstream of development. Lighting is no longer just about illuminating the environment, but also about adapting to local conditions and putting people first.

In recent years, the concept and technology of human-induced lighting have become increasingly popular. We will also keep up with the industry and introduce safe low-voltage light strips with high light efficiency, low energy efficiency, low power, and low temperature, to create more energy-efficient low-voltage product light strips.

Model: LMWT-FS2835-120D (Low energy consumption)

Voltage : DC24V

PCB width : 8mm

Color rendering index (CRI) : Ra > 80/90

Power: suggest 6W/M 8W/M Customizable

Color temperature : 2700/3000/3500/4000/6500K

luminance efficiency : 180lm/W

luminous flux : 1080lm/M 1400lm/M

Cut : 33.33mm

Waterproof process : IP20 、 IP44 Semi-silicone protection、 IP65
Silicone pipeline protection、 IP67 Silicone comprehensive protection

Lamp interval : 8.33mm

warranty : 3YEAR

Size : L5000 *W8MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

SINGLE COLOR SERIES

Features & Applications

Dimmable, a variety of waterproof types optional, easy to operate, cuttable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas... Interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas
- Outdoor lighting, home ceiling decoration lighting

Single Color Series



SMD2835 60leds/M

Mode LMWT-FS2835-60D-8MM
Voltage: DC12V/DC24V
PCB Width: 8mm
Color Rendering Index(CRI) : Ra>80/90/97
Power :4.8W/M Customizable
Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k
Luminance efficiency:96lm/W
Luminous flux : 460.8lm/M
Cuttable: 50mm(12V);100mm(24V)
Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp Interval : 16.67mm
Warranty : 3 Years
Size : L5000*W5MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Model : LMWT-FS2835-120-5MM
Voltage : DC12V/24V
PCB width: 5mm
Color rendering index(CRI) : CRI>80/90/97
Power: 10W/M Customizable
Color temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k
Luminance efficienc y: 96.2lm/W
Luminous flux : 1154.4 lm/M
Cut: 25/50mm
Waterproof process : IP20 、IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp interval : 8.33 mm
Warranty : 3YEAR
Size:L5000 *W5MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2835 120leds/M

Single Color Series



SMD2835 120leds/M

Mode:LMWT-FS2835-120D-8MM
voltage :DC12V/24V
PCB width : 8mm
Color rendering index(CRI) CRI>80/90/97
Power:12W/M Customizable
Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k
Luminance efficiency:103lm/W
Luminous flux :1483lm/M
Cuttable: 25/50mm
Waterproof Process : IP20 、 IP44 Semi-silicone protection 、 IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp Interval : 8.33mm
Warranty : 3 Years
Size : L5000*W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value ±10%)

Single Color Series



Mode : LMWT-FS2835-D180-5MM
voltage : DC24V
PCB Width: 5mm
Color Rendering Index(CRI) : Ra>80/90/97
Power:12W/M Customizable
Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k
Luminance efficiency:98lm/W
Luminous flux :1470lm/M
Cuttable: 33.3mm
Waterproof Process : IP20 、 IP54 Semi-silicone protection 、 IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp Interval : 5.5mm
Warranty : 3 Years
Size : L5000*W5MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Mode:LMWT-FS2835-120D-5MM-Extreme Grey
Voltage: DC24V
PCB Width: 5mm customizable
Color Rendering Index(CRI) : Ra>80/90/97
Power :9.6W/M Customizable
Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k
Luminance efficiency:103lm/W
Luminous flux :988.8lm/M
Cuttable: 33.3mm
Waterproof Process : IP20 、 IP54 Semi-silicone protection 、
IP65 Silicone pipeline protection IP67 Silicone comprehensive protection
Lamp Interval : 5.5mm
Warranty : 3 Years
Size : L5000*W5MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2835 120leds/M Extreme Grey



SMD2835 180leds/M

Single Color Series



SMD2835 180leds/M

Mode: LMWT-FS2835-180D-8MM

Voltage: DC12V

PCB Width: 8mm

Color Rendering Index(CRI) : Ra>80/90/97

Power :18W/M Customizable

Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k

Luminance efficiency: 98lm/W

Luminous flux : 1764lm/M

Cuttable: 33mm(24V)

Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval : 5.5mm

Warranty : 3 Years

Size : L5000*W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Mode:LMWT-FS2835-180D-10MM

Voltage: DC24V

PCB Width: 10mm

Color Rendering Index(CRI) : Ra>80/90/97

Power :18W/M Customizable

Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k

Luminance efficiency: 98lm/W

Luminous flux : 1764lm/M

Cuttable: 33.3mm(24V)

Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval : 4.16mm

Warranty : 3 Years

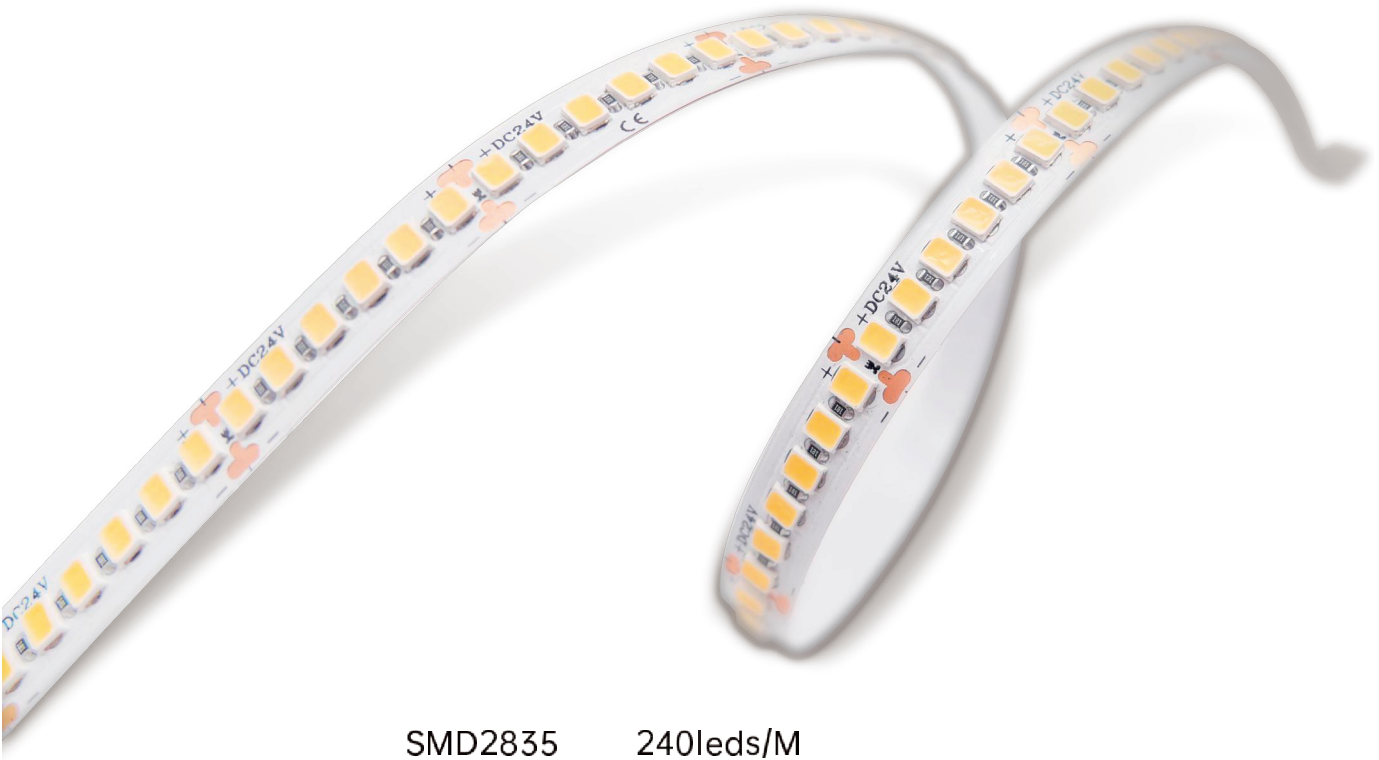
Size : L5000*W10MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2835 180leds/M

Single Color Series



SMD2835 240leds/M

ModelMWT-FS2835-240D-8MM

Voltage: DC24V

PCB Width: 8mm

Color Rendering Index(CRI) : Ra>80/90/97

Power :18W/M Customizable

Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k

Luminance efficiency: 108lm/W

Luminous flux : 1960lm/M

Cuttable: 25mm(24V)

Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval : 4.16mm

Warranty : 3 Years

Size : L5000*W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Single Color Series



SMD2835 240leds/M

Mode:LMWT-FS2835-240D-10MM

Voltage: DC24V

PCB Width: 10mm

Color Rendering Index(CRI) : Ra>80/90/97

Power :20W/M Customizable

Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k

Luminance efficiency: 109lm/W

Luminous flux : 2180lm/M

Cuttable: 25mm(24V)

Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval : 4.16mm

Warranty : 3 Years

Size : L5000*W10MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Single Color Series



Mode:LMWT-FS2835-240D-15MM

Voltage: DC24V

PCB Width: 15mm

Color Rendering Index(CRI) : Ra>80/90/97

Power : 20W/M Customizable

Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k

Luminance efficiency: 115lm/W

Luminous flux : 2300lm/M

Cuttable: 50mm

Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval : 8.33mm

Warranty : 3 Years

Size : L5000*W15MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Mode:LMWT-FS2835-240D-12MM

Voltage: DC24V

PCB Width: 12mm

Color Rendering Index(CRI) : Ra>80/90/97

Power : 20W/M Customizable

Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k

Luminance efficiency: 115lm/W

Luminous flux : 2300lm/M

Cuttable: 50mm

Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval : 8.33mm

Warranty : 3 Years

Size : L5000*W12MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2835 240leds/M



SMD2835 240leds/M

Single Color Series



Mode:LMWT-FS2835-360D-15MM

Voltage: DC24V

PCB Width: 15mm

Color Rendering Index(CRI) : Ra>80/90/97

Power : 30W/M Customizable

Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k

Luminance efficiency: 105lm/W

Luminous flux : 3150lm/M

Cuttable: 50mm

Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval : 8.33mm

Warranty : 3 Years

Size : L5000*W30MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2835 360leds/M

Single Color Series



Model:MWT-FS5050-60D-10MM

Voltage: DC12V、DC24V

PCB Width: 10mm

Color Rendering Index(CRI) : Ra>80/90

Power : 14.4W/M Customizable

Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k

Luminance efficiency: 105lm/W

Luminous flux : 1512m/M

Cuttable: 50mm

Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval : 6.67mm

Warranty : 3 Years

Size : L5000*W10MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD5050 60leds/M

ModelMWT-FS5050-120D-15MM

Voltage: DC24V

PCB Width: 15mm

Color Rendering Index(CRI) : Ra>80/90

Power :20W/M Customizable

Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k

Luminance efficiency: 105lm/W

Luminous flux : 1850lm/M

Cuttable: 100mm

Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval : 6.67mm

Warranty : 3 Years

Size : L5000*W15MM*H2.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD5050 120leds/M

Single Color Series

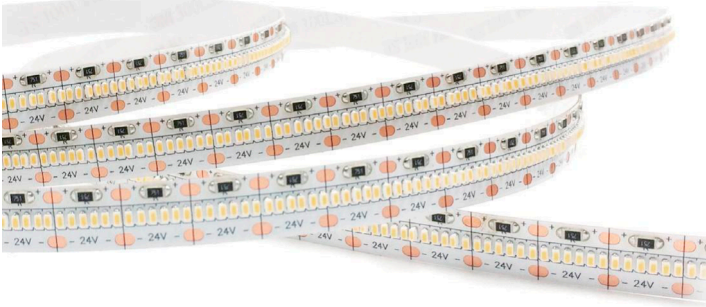


SMD3014 240leds/M

Mode:LMWT-FS3014-240D-10MM
Voltage: DC24V
PCB Width: 10mm
Color Rendering Index(CRI) : Ra>80/90
Power : 14.4W/M Customizable
Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k
Luminance efficiency: 85lm/W
Luminous flux : 1224lm/M
Cutttable: 25mm
Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp Interval : 4.16mm
Warranty : 3 Years
Size : L5000*W10MM*H2MM
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Mode:LMWT-FS2110-240/300/600D-10MM
Voltage: DC24V
PCB Width: 10mm
Color Rendering Index(CRI) : Ra>90
Power : 14.4W/M Customizable
Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k
Luminance efficiency: 80lm/W
Luminous flux : 1920lm/M
Cutttable: 10mm(600LEDs);20mm(300LEDs);25mm(240LEDs)
Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp Interval : 600LEDs(1.65mm);300LEDs(3.3mm);240LEDs(4.16mm)
Warranty : 3 Years
Size : L5000*W10MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2110 240/300/600leds/M

Single Color Series





Features & Applications

Dimmable, a variety of waterproof types optional, easy to operate, cuttable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas... Interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas



Mode:LMWT-F2835-120D-8MM-Osram

Voltage: DC24V

PCB Width: 8mm

Color Rendering Index(CRI) : Ra>90

Power : 9.6W/M Customizable

Color Temperature : 2700/3000/3500/4000/5000/6500

Luminance efficiency: 115lm/W

Luminous flux : 1104lm/M

Cuttable: 50mm

Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval : 8.33 mm

Warranty : 3 Years

Size : L5000*W8MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2835 120leds/M
Osram chip



SMD2835 126 leds/M
Bridgelux



Modd.LMWT-FS2835-126D-8MM-Bridgelux

Voltage: DC24V

PCB Width: 8mm

Color Rendering Index(CRI) : Ra>90

Power : 9.6W/M Customizable

Color Temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000k

Luminance efficiency: 110lm/W

Luminous flux : 1512m/M

Cuttable: 55.55mm

Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval : 7.93mm

Warranty : 3 Years

Size : L5000*W10MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)





Mode:LMWT-FS2835-120D-8MM-Lumileds

Voltage: DC24V

PCB Width: 8mm

Color Rendering Index(CRI) : Ra>90

Power : 9.6W/M Customizable

Color Temperature : 2700/3000/3500/4000/5000/6500k

Luminance efficiency: 103lm/W

Luminous flux : 988.8m/M

Cuttable: 50mm

Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval : 8.33mm

Warranty : 3 Years

Size : L5000*W8MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2835 120 leds/M

Lumileds chip



SMD2835 120 leds/M

Samsung Chip



ModL:LMWT-FS2835-120D-8MM-Samsung

Voltage: DC24V

PCB Width: 8mm

Color Rendering Index(CRI) : Ra>90

Power : 9.6W/M Customizable

Color Temperature : 2700/3000/3500/4000/5000/6500k

Luminance efficiency: 103lm/W

Luminous flux : 988.8m/M

Cuttable: 50mm

Waterproof Process : IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval : 8.33mm

Warranty : 3 Years

Size : L5000*W8MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

DOUBLE COLOR SERIES

- a. Two wire double color
- b. Three wire double color
- c. Extreme narrowing FPC double color
- d. CSP 、 COB double color
- e. Two lamp one cut
- f. Double color 20m no voltage dropping

Features & Applications

Dimmable, a variety of waterproof types optional, easy to operate, cuttable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas, interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas
- Outdoor lighting, home ceiling decoration lighting

Double Color Series



a. Two wire double color (One lamp two color)



SMD2835 120leds/M
One lamp Double color

Model: MWT-FS2835CCT-120D-5MM (one lamp two color)

Voltage: DC12V, DC24V

PCB Width: 8mm

Color Rendering Index (CRI): Ra > 80/90

Power: 9.6W/M Customizable

Color Temperature: 3000+6500K/Blue+3000K

Luminance efficiency: 105lm/W

Luminous flux: 1008lm/M

Cuttable: 50mm

Waterproof Process: IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval: 8.33mm

Warranty: 3 Years

Size: L5000*W5MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value ± 10%)

Model: MWT-FS2835CCT-120D-8MM-One Lamp Two Color

Voltage: DC12V/DC24V

PCB Width: 8mm

Color Rendering Index (CRI): Ra > 80/90

Power: 12W/M Customizable

Color Temperature: 3000K+6500K/Blue+3000K

Luminance efficiency: 108lm/W

Luminous flux: 1296lm/M

Cuttable: 50mm

Waterproof Process: IP20 IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp Interval: 8.33mm

Warranty: 3 Years

Size: L5000*W8MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value ± 10%)



SMD2835 120leds/M
One lamp Double color

Double Color Series

a. Two wire double color



One click switch switching

SMD2835 192leds/M

No need controller double color strip light

Mode: LMWT-2835CCT-192D-10MM

Voltage: DC24V

PCB width: 10mm

Color rendering index (CRI) : CRI>80/90/97

Power: 16W/M Customizable

Color temperature : 1800K+5000K 2400K+6500K 2700K+6500K

Luminance efficienc y: 114lm/W

Luminous flux : 1824m/M

Cut: 41.67mm

Waterproof process : IP20、IP54 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp interval : 5.2mm

Warranty : 3YEAR

Size:L5000 *W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Double Color Series

b. Three wire double color



SMD2835 120leds/M

Mode: LMWT-2835CCT-120D-8MM

Voltage :DC12/24V

PCB width: 8mm

Color rendering index (CRI) : CRI>80/90/97

Power: 12W/M Customizable

Color temperature : 1800K+5000K 2400K+6500K 2700+6500K

Luminance efficienc y: 103lm/W

Luminous flux : 1236lm/M

Cut: 25/50mm

Waterproof process : IP20 、IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp interval : 16.67mm

Warranty : 3YEAR

Size:L5000 *W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Mode: LMWT-2835CCT-192D-8MM

Voltage: DC24V

PCB width: 8mm

Color rendering index (CRI) : CRI>80/90/97

Power: 18W/M Customizable

Color temperature : 1800K+5000K 2400K+6500K 2700K+6500K

Luminance efficienc y: 103lm/W

Luminous flux : 1944lm/m

Cut: 62.5mm

Waterproof process : IP20 、IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp interval : 5.2mm

Warranty : 3YEAR

Size:L5000 *W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2835 192leds/M

Double Color Series

b. Three wire double color



Model: LMWT-2028CCT-240D-5MM
Voltage: DC24V
PCB width: 5mm
Color rendering index(CRI) : CRI>80/90/97
Power: 12W/M Customizable
Color temperature : 1800K+5000K 2400K+6500K 2700K+6500K
Luminance efficienc y: 103lm/W
Luminous flux : 1236lm/m
Cut: 50mm
Waterproof process : IP20 、 IP44 Semi-silicone protection 、
IP65 Silicone pipeline protection 、
IP67 Silicone comprehensive protection

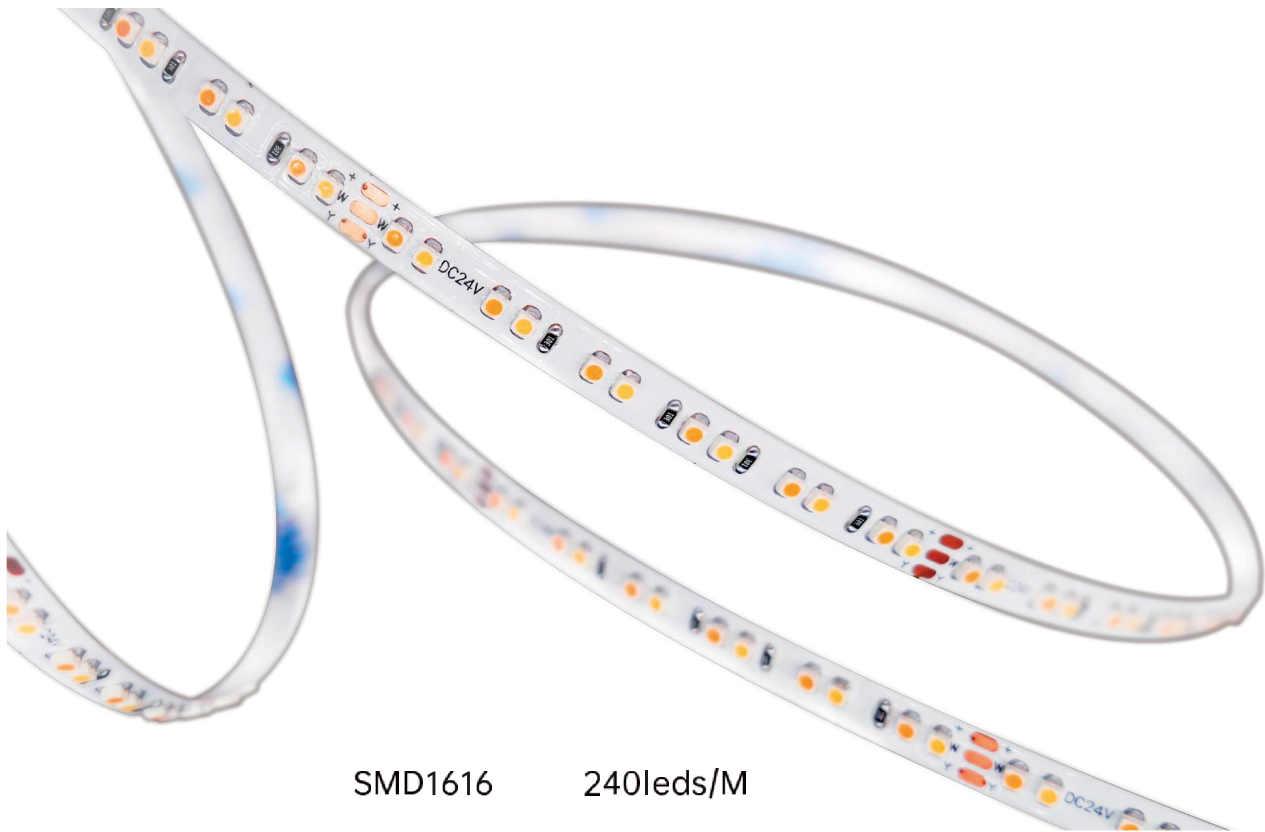
Lamp interval : 16.67mm
Warranty : 3YEAR
Size:L5000 *W8MM*H1.5MM
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2028 240leds/M

Double Color Series

c. Extreme narrowing FPC double coloe



SMD1616 240leds/M

Model: LMWT-1616CCT-240D-5MM
Voltage: DC24V
PCB width: 5mm
Color rendering index (CRI) : CRI>97
Power: 12W/M Customizable
Color temperature : 3000K+6000K
Luminance efficienc y: 82lm/W
Luminous flux : 984lm/m
Cut: 50mm
Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp interval : 16.67mm
Warranty : 3YEAR
Size:L5000 *W5MM*H1.5MM
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Double Color Series

d. CSP LED Strip



CSP double color

CSP 416leds/M

Model: LMWT-CSP416CCT-10MM

Voltage : DC24V

PCB width: 10mm

Color rendering index(CRI): Ra>90

Power: 16W/M

Color temperature : 3000K+6000K

Luminance efficiency: 105lm/W

Luminous flux : 1680lm/M

Cut : 38.5mm

Waterproof process : IP20 、 IP44 Semi-silicone protection 、 IP65 Silicone pipeline protection 、 IP67 Silicone comprehensive protection

Lamp interval : /

Warranty : 3YEAR

Size:L5000 *W10MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value±10%)

CSP is one of the latest technologies in the LED industry.CSP in the LED industry refers to a packaging form with the smallest volume and simplest structure,without a substrate or gold wire. Compared to traditional SMD packaging,CSP packaging is simpler in process,less consumable, lower in cost, and has a much larger luminous angle and direction than other packaging forms.Due to the particularity of its packaging process, CSP light strips can achieve smaller volume, lighter weight,and smaller bending force points.

Model: LMWT-C608CCT-10MM

Voltage : DC24V

PCB width: 10mm

Color rendering index(CRI): Ra>90

Power: 14W/M

Color temperature : 2700+6500K

Luminance efficiency: 100lm/W

Luminous flux : 1457lm/M

Cut: 26.31mm

Waterproof process : IP55

Lamp interval : /

Warranty : 3YEAR

Size:L5000 *W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value±10%)



FCOB 608leds/M

Double Color Series

e. Two lamp one cut



SMD2835 208leds/M

Two lamp for one cut

Model: LMWT-FS2835CCT-208D-10MM (Two LED for One Cut)

Voltage : DC24V

PCB width: 8mm

Color rendering index(CRI): Ra>80/90/97

Power: 18W/M Customizable

Color temperature : 1800K+5000K 2400K+6500K 2700K+6500K

Luminance efficiency: 103lm/W

Luminous flux : 1236lm/M

Cut: 9.61mm

Waterproof process : IP20 、 IP44 Semi-silicone protection 、 IP65 Silicone pipeline protection 、 IP67 Silicone comprehensive protection

Lamp interval : 4.80mm

Warranty : 3YEAR

Size:L5000 *W8MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value±10%)

Double Color Series

f. 20 m no voltage drop



Model: LMWT-FS2835-240-10MM(20m no voltage drop)

Voltage : DC24V

PCB width: 10mm

Color rendering index(CRI): Ra>80/90/97

Power : 16W/M Customizable

Color temperature : 1800K+5000K, 2400K+6500K, 2700K+6500K

Luminance efficiency: 114lm/W

Luminous flux : 1824lm/M

Cut: 41.67mm

Waterproof process : IP20 、 IP44 Semi-silicone protection 、 IP65 Silicone pipeline protection 、 IP67 Silicone comprehensive protection

Lamp interval : 5.2mm

Warranty : 3YEAR

Size: L5000 *W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2835 240leds/M

Black Samurai

• 20 m no voltage drop

Double Color Series

g. 2028 Extreme gray Double color



SMD2028 288leds/M

Extreme gray Double color



Model: LMWT-FS2028-288CCT-8MM(Extreme Gray Double Color)

Voltage : DC24V

PCB width: 8mm

Color rendering index(CRI) : CRI>93

Power: 9.6W/M *2

Color temperature : 2700K+6500K, 2400K+6500K

Luminance efficienc y: 85lm/W

Luminous flux : 850lm/M

Cut: 41.67mm

Waterproof process : IP20 、 IP44 Semi-silicone protection 、 IP65 Silicone pipeline protection 、 IP67 Silicone comprehensive protection

Lamp interval : 6.94mm

Warranty : 3YEAR

Size: L5000 *W8MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

ONE LIGHT ONE CUT SERIES

Features & Applications

Dimmable, a variety of waterproof types optional, easy to operate, cuttable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas... Interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas
- Outdoor lighting, home ceiling decoration lighting

One Light one Cut Series



SMD2835 120leds/M

Each lamp cut casually

Model: LMWT-FS2835-120-5MM(One Light One Cut)

Voltage : DC12V/24V

PCB width: 5mm Customizable

Color Rendering Index(CRI) : Ra>90

Power: 95lm/W

Color temperature : 2700K/3000K/4000K/6500K

Luminance efficiency: 95lm/W

Luminous flux : 1140lm/M

Cut: 8.33mm

Waterproof process : IP20 、 IP44 Semi-silicone protection 、
IP65 Silicone pipeline protection 、
IP67 Silicone comprehensive protection

Lamp interval : 8.33mm

Warranty : 3YEAR

Size: L5000 *W5MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Model: LMWT-FS2835-120-8MM(One Light One Cut)

Voltage : DC12V/24V

PCB width: 8mm Customizable

Color Rendering Index(CRI) : Ra>90

Power: 9.6W/12WM Customizable

Color temperature : 2700K/3000K/4000K/6500K

Luminance efficiency: 95lm/W

Luminous flux : 1140lm/M

Cut: 8.33mm

Waterproof process : IP20 、 IP44 Semi-silicone protection 、
IP65 Silicone pipeline protection 、
IP67 Silicone comprehensive protection

Lamp interval : 8.33mm

Warranty : 3Years

Size:L5000 *W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2835 120leds/M

Each lamp cut casually

One Light one Cut
Series



Model: LMWT-FS2835-180-8MM(One Light One Cut)

Voltage: DC12V/24V

PCB width: 8mm

Color Rendering Index(CRI) : Ra>80/90/97

Power: 15W/M Customizable

Color temperature : 2700K/3000K/4000K/6500K

Luminance efficienc y: 98lm/W

Luminous flux : 1470lm/M

Cut: 5.55mm

Waterproof process : IP20 、 IP44 Semi-silicone protection 、
IP65 Silicone pipeline protection 、
IP67 Silicone comprehensive protection

Lamp interval : 5.55mm

Warranty : 3YEAR

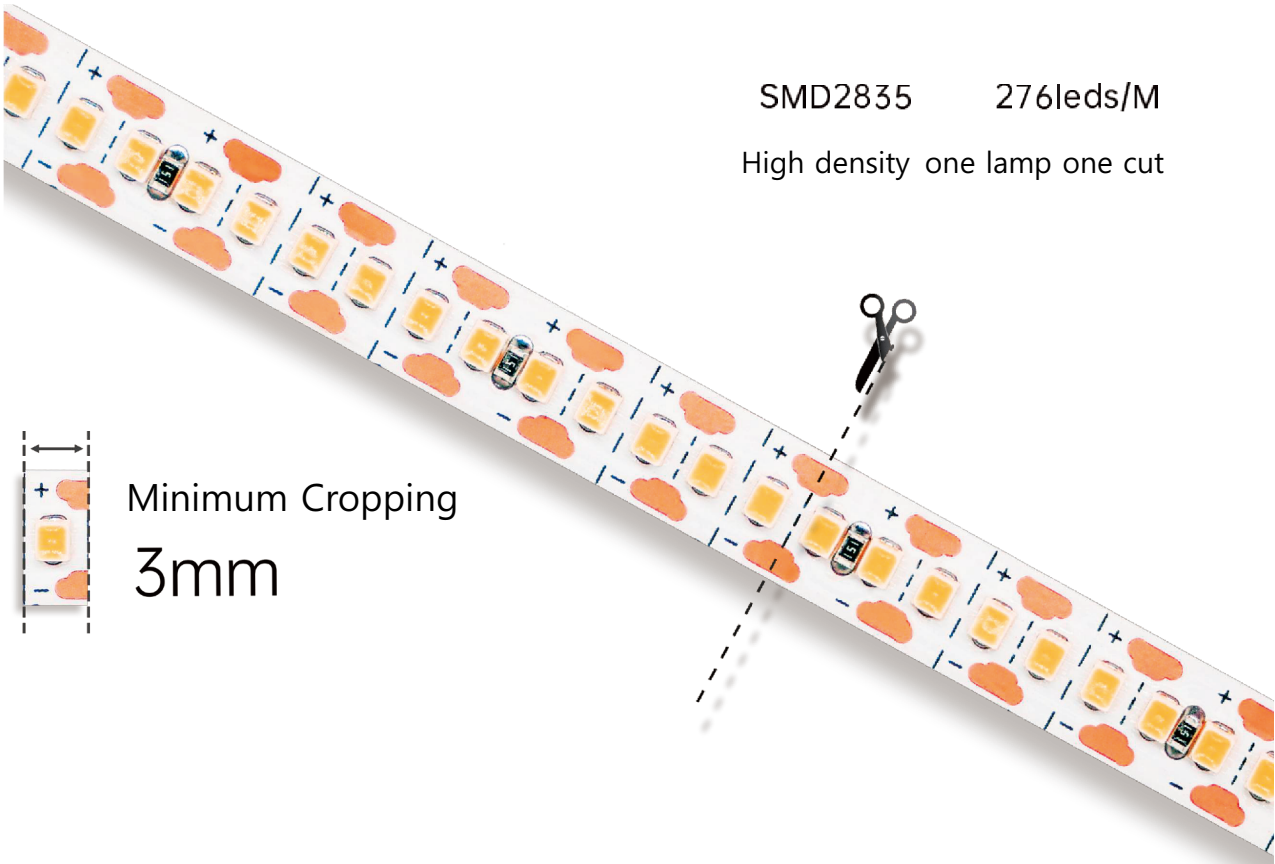
Size:L5000 *W10MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2835 180leds/M
Eatch lamp cut casually

One Light one Cut
Series



SMD2835 276leds/M
High density one lamp one cut

Minimum Cropping
3mm

Model: LMWT-FS2835-276-8MM(One Light One Cut)

Voltage: DC24V

PCB width: 8mm

Color Rendering Index(CRI) : Ra>90

Power: 14W/M

Color temperature : 3000/4000/6500K

Luminance efficiency: 103.5lm/W

Luminous flux : 1450lm/M

Cut: 3mm

Waterproof process : IP20 、 IP44 Semi-silicone protection 、
IP65 Silicone pipeline protection 、
IP67 Silicone comprehensive protection

Lamp interval : 3.62mm

Warranty : 3YEAR

Size:L5000 *W10MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

FULL SPECTRUM SERIES



Features & Applicatio

Dimmable, a variety of waterproof types optional, easy to operate, cutable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas... Interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas



• No blue light hazard

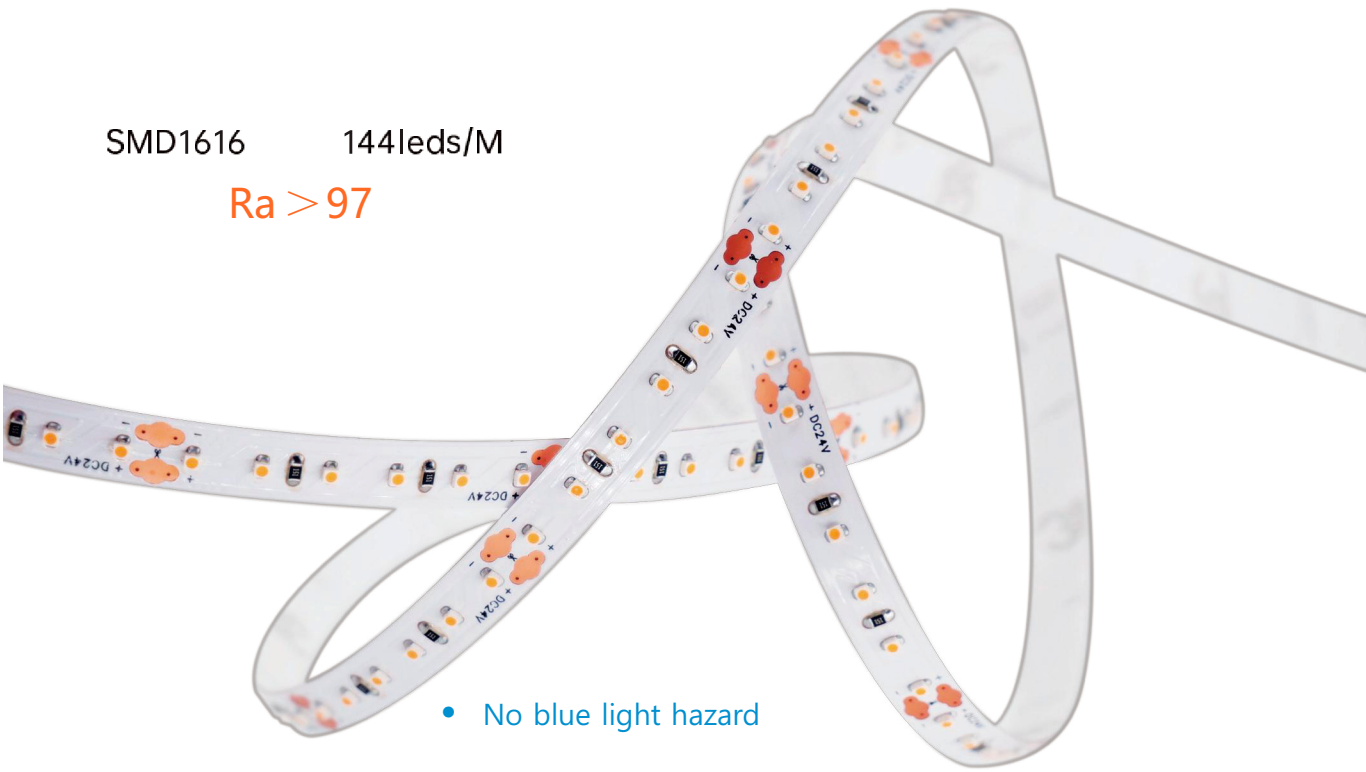
SMD2835 120leds/M
Ra > 97

Model: LMWT-FS2835-120-8MM(Full Spectrum)
Voltage: DC12V/24V
PCB width: 8mm
Color Rendering Index(CRI) : Ra>97
Power: 12W/M Customizable
Color temperature : 1800K/2400K/2700K/3000K/4000K/5000K/6500K/10000K
Luminance efficiency: 103lm/W
Luminous flux : 1483lm/M
Cut: 25/50mm
Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp interval : 8.33mm
Warranty : 3YEAR
Size:L5000 *W8MM*H1.5MM
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value±0%)



SMD1616 144leds/M
Ra > 97

Model: LMWT-FS1616-144-5MM(Full Spectrum)
Voltage: DC24V
PCB width: 5mm
Color Rendering Index(CRI) : Ra>97
Power: 12W/M Customizable
Color temperature : 2700K/3000K/3500K/4000K/6500K
Luminance efficiency: 88lm/W
Luminous flux : 1056lm/M
Cut: 41.66mm
Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp interval : 6.94mm
Warranty : 3YEAR
Size: L5000 *W5MM*H1.5MM
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value±0%)



SMD1616 144leds/M
Ra > 97

- No blue light hazard



SMD1616 240leds/M
Ra > 97

- No blue light hazard

Model: LMWT-FS1616-144-8MM(Full Spectrum)
Voltage : DC24V
PCB width: 8mm
Color Rendering Index(CRI) : Ra>97
Power: 12W/M Customizable
Color temperature : 2700/3000/3500/4000/6500K
Luminance efficiency: 88lm/W
Luminous flux : 1056lm/M
Cut: 41.66mm
Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp interval : 6.94mm
Warranty : 3YEAR
Size: L5000 *W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

- Best-selling champion



Model: LMWT-FS1616-240-10MM(Full Spectrum)
Voltage : DC24V
PCB width: 10mm
Color Rendering Index(CRI) : Ra>97
Power: 16W/M Customizable
Color temperature : 2700/3000/3500/4000/6500K
Luminance efficiency: 88lm/W
Luminous flux : 1408lm/M
Cut: 25mm
Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp interval : 4.16mm
Warranty : 3YEAR
Size:L5000 *W10MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

HIGH LUMINOUS EFFICIENCY SERIES

7

Features&Applications

Dimmable, a variety of waterproof types optional, easy to operate, cuttable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas... interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas
- Outdoor lighting, home ceiling decoration lighting

High luminous Efficiency



SMD2835 98leds/M

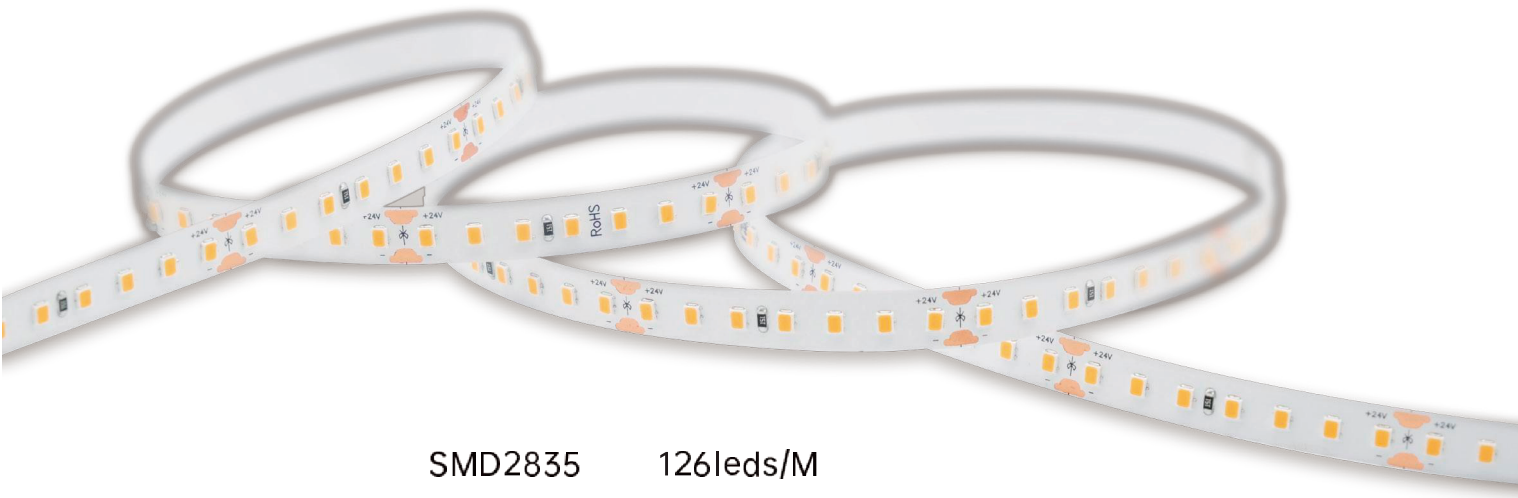
Model: LMWT-FS2835-98-8MM(High Luminous Efficiency)
Voltage : DC24V
PCB width: 8mm
Color Rendering Index(CRI) : Ra>80/90/97
Power: 9.6W/M Customizable
Color temperature : 1800K/2400K/2700K/3000K/4000K/5000K/6500K/10000K
Luminance efficiency:110lm/W
Luminous flux : 1056lm/M
Cut: 71mm
Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp interval : 10.2mm
Warranty : 3YEAR
Size: L5000 *WMM*H1.5MM
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Model: LMWT-FS2835-126-8MM(High Luminous Efficiency)
Voltage : DC24V
PCB width: 8mm
Color Rendering Index(CRI) : Ra>80/90/97
Color rendering index(CRI) : CRI>80/90/97
Power: 14.4W/M Customizable
Color temperature : 1800K/2400K/2700K/3000K/4000K/5000K/6500K/10000K
Luminance efficiency: 105lm/W
Luminous flux : 1512lm/M
Cut: 55mm
Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp interval : 10.22mm
Warranty : 3YEAR
Size: L5000 *W8MM*H1.5MM
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2835 126leds/M

High luminous Efficiency



SMD2835 126leds/M

Model: LMWT-FS2835-126-10MM(High Luminous Efficiency)

Voltage: DC24V

PCB width: 10mm

Color Rendering Index(CRI) : Ra>80/90/97

Power: 12W/M Customizable

Color temperature : 1800K/2400K/2700K/3000K/4000K/5000K/6500K/10000K

Luminance efficiency: 102lm/W

Luminous flux : 1224lm/M

Cut: 55mm

Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp interval : 7.9mm

Warranty : 3YEAR

Size:L5000 *W10MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

High luminous Efficiency



SMD2835 140leds/M

Model: LMWT-FS2835-140-8MM(High Luminous Efficiency)

Voltage: DC24V

PCB width: 8mm

Color Rendering Index(CRI) : Ra>80/90/97

Power: 12W/M Customizable

Color temperature : 1800K/2400K/2700K/3000K/4000K/5000K/6500K/10000K

Luminance efficiency: 98lm/W

Luminous flux : 1176lm/M

Cut: 35.7mm

Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp interval : 5.95mm

Warranty : 3YEAR

Size: L5000 *W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Model: LMWT-FS2835-140-8MM(High Luminous Efficiency)

Voltage: DC24V

PCB width: 8mm

Color Rendering Index(CRI) : Ra>80/90/97

Power:

Color temperature : 1800K/2400K/2700K/3000K/4000K/5000K/6500K/10000K

Luminance efficiency: 115lm/W

Luminous flux : 1656lm/M

Cut: 50mm

Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp interval : 7.14mm

Warranty : 3YEAR

Size: L5000 *W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2835 168leds/M

NO VOLTAGE DROP SERIES

Features & Applications

Dimmable, a variety of waterproof types optional, easy to operate, cuttable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas... Interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas
- Outdoor lighting, home ceiling decoration lighting

No Voltage Drop Series Ultra-longer strip light



SMD2835

120leds/M

Model: LMWT-FS2835-120-8MM(20m No Voltage Drop)

Voltage: DC24V

PCB width: 8mm

Color Rendering Index(CRI) : Ra>80/90/97

Power: 8W/M Customizable

Color temperature : 1800K/2400K/2700K/3000K/4000K/5000K/6500K/10000K

Luminance efficiency: 103lm/W

Luminous flux : 824lm/M

Cut: 41.6mm

Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp interval : 8.33mm

Warranty : 3YEAR

Size: L5000 *W8MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Model: LMWT-FS2835-120-10MM(20m No Voltage Drop)

Voltage: DC24V

PCB width: 10mm

Color Rendering Index(CRI) : Ra>80/90/97

Power: 9.6W/M Customizable

Color temperature : 1800K/2400K/2700K/3000K/4000K/5000K/6500K/10000K

Luminance efficiency: 108lm/W

Luminous flux : 1036lm/M

Cut: 41.6mm

Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp interval : 8.33mm

Warranty : 3YEAR

Size: L5000 *W10MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD2835

120leds/M

EXTREMELY NARROW SERIES

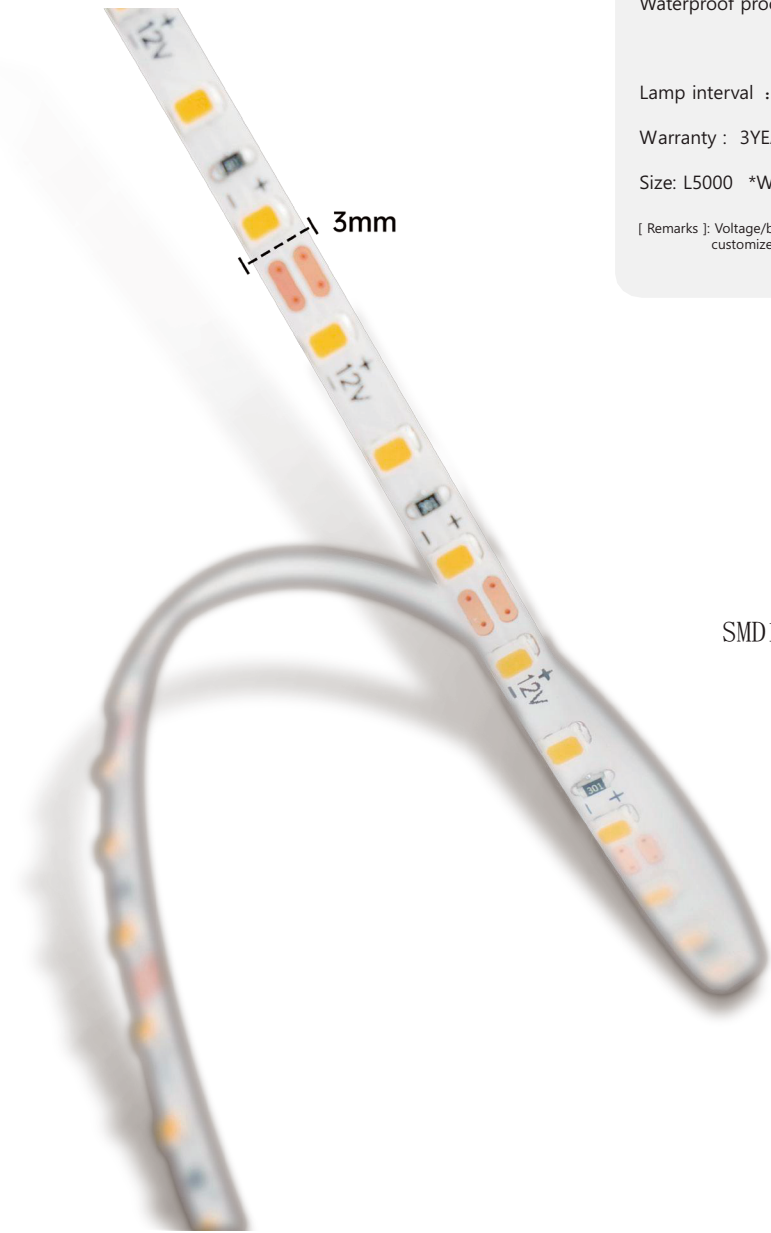
Features & Applications

Dimmable, a variety of waterproof types optional, easy to operate, cutable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas... Interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas
- Outdoor lighting, home ceiling decoration lighting

Model: LMWT-FS1616-168-3MM(Extremely Narrow)
Voltage: DC12/24V
PCB width: 3mm
Color Rendering Index(CRI) : Ra>90
Power: 10W/M Customizable
Color temperature : 1800K/2400K/2700K/3000K/4000K/5000K/6500K/10000K
Luminance efficiency: 86lm/W
Luminous flux : 860lm/M
Cut: 17.8mm
Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp interval : 5.95mm
Warranty : 3YEAR
Size: L5000 *W3MM*H1.5MM
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD1616 1681eds/M

FLEX LED WALL WASHER SERIES

10

Features & Applications

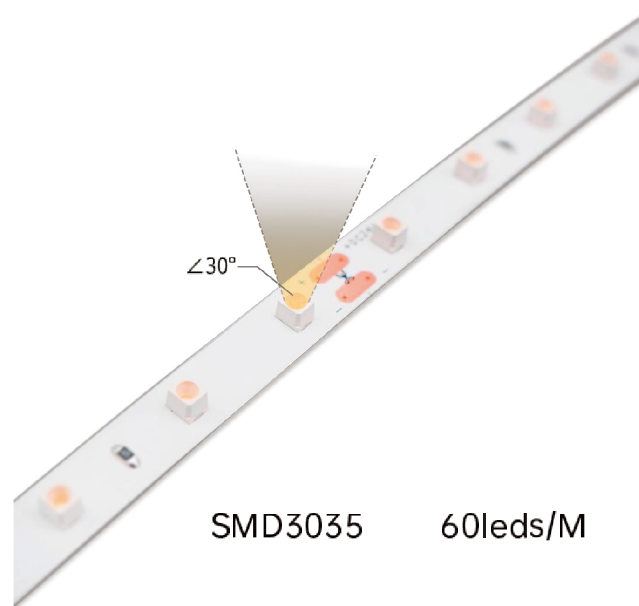
Dimmable, a variety of waterproof types to choose from, easy to operate, cuttable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas... Interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas
- Outdoor lighting, home ceiling decoration lighting



Wall washer series



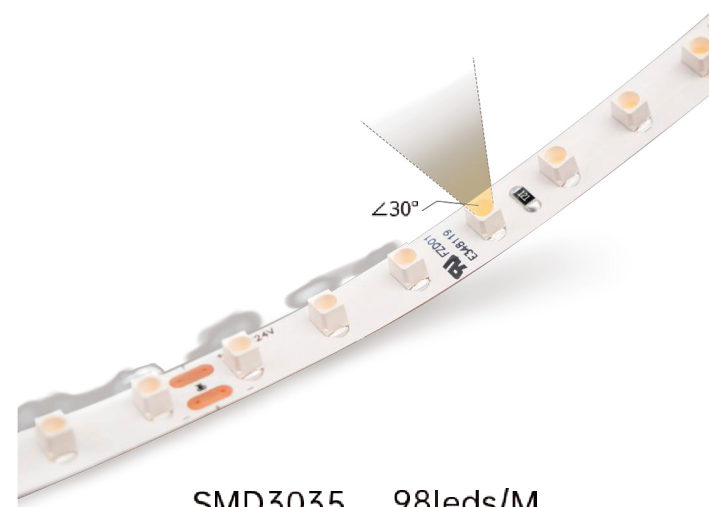
SMD3035 60leds/M

Model: LMWT-FS3035-60-8MM(Wall Washer)
Voltage: DC24V
PCB width: 8mm
Color Rendering Index(CRI): Ra>85
Power: 14.4W/M Customizable
Color temperature : 3000/4000/6500K
Luminance efficiency: 85lm/W
Luminous flux : 864lm/W
Cut: 100mm
Waterproof process : IP20
Lamp interval : 16.67mm
Warranty : 3YEAR
Size:L5000 *W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Model: LMWT-FS3035-98-8MM(Wall Washer)
Voltage: DC24V
PCB width: 8mm
Color Rendering Index(CRI): Ra>85
Power: 9.6W/M Customizable
Color temperature : 3000/4000/6500K
Luminance efficiency: 110lm/W
Luminous flux : 1056lm/M
Cut: 71mm
Waterproof process : IP20
Lamp interval : 10.2mm
Warranty : 3YEAR
Size: L5000 *W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD3035 98leds/M



Wall washer lamp



SMD5054 48leds/M
watertight round lenticular Wall washer

Model: LMWT-FS5054-48-16MM(Watertight Round Lenticular Wall Washer)
Voltage: DC24V
PCB width: 16mm
Color Rendering Index(CRI) : Ra>90
Power: 18W/M
Color temperature : 3000/4000/6500K
Luminance efficiency: 127lm/W
Luminous flux : 2300lm/M
Cut:166.66mm
Waterproof process : IP67 Silicone comprehensive protection
Lamp interval : 20.83mm
Warranty : 3YEAR
Size: L5000 *W16MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Wall washer lamp



SMD5054 42leds/M
round lenticular Wall washer lamp

Model: LMWT-FS5054-42-10MM(Round Lenticular Wall Washer)
Voltage: DC24V
PCB width: 10mm
Color Rendering Index(CRI) : Ra>90
Power: 14.4W/M
Color temperature : 3000/4000/6500K
Luminance efficiency: 135lm/W
Luminous flux : 1944lm/M
Cut: 16.67mm
Waterproof process : IP20, IP67 Silicone comprehensive protectio
Lamp interval : 23.8mm
Warranty : 3YEAR
Size: L5000 *W10MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Model: LMWT-FS5054CCT-60-12MM(Round Lenticular Wall Washer)
Voltage: DC24V
PCB width: 12mm
Color Rendering Index(CRI) : Ra>90
Power: 18W/M
Color temperature : 3000K+6500K
Luminance efficienc y: 105lm/W
Luminous flux : 1890lm/M
Cut: 166.66mm
Waterproof process : IP20, IP67 Silicone comprehensive protectio
Lamp interval : 16.67
Warranty : 3YEAR
Size: L5000 *W12MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD5054 60leds/M
Double color round lenticular Wall washer lamp



48V Ultra-long flexible lens wall washer lamp
40leds/M

Model: LMWT-FS3030-40D-12MM(Flexible Lens Wall Washer)
Voltage: DC48V
PCB width: 12mm
Color Rendering Index(CRI) : Ra>97
Power: 12W/M Customizable
Color temperature : 3000/4000/6500K
Luminance efficienc y: 110lm/W
Luminous flux : 1320lm/M
Cut: 125mm
Waterproof process : IP20, IP67 Silicone comprehensive protectio
Lamp interval : 25mm
Warranty : 3YEAR
Size: L5000 *W12MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



Single color flexible lens wall washer lamp
48leds/M

Model: LMWT-FS3030-56D-12MM(Flexible Lens Wall Washer)
Voltage : DC24V
PCB width: 12mm
Color Rendering Index(CRI) : Ra>97
Power: 14.4W/M *2
Color temperature : 2700K+6500K
Luminance efficiency: 104lm/W
Luminous flux : 1497.6lm/M
Cut: 71.43mm
Waterproof process : IP20, IP67 Silicone comprehensive protectio
Lamp interval : 17.85mm
Warranty : 3YEAR
Size: L5000 *W12MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Model: LMWT-FS3030-48D-12MM(Flexible Lens Wall Washer)
Voltage : DC24V
PCB width: 12mm
Color Rendering Index(CRI) : Ra>97
Power: 16W/M
Color temperature : 3000/4000/6500K
Luminance efficiency: 103lm/W
Luminous flux : 1648lm/M
Cut: 41.67mm
Waterproof process : IP20, IP67 Silicone comprehensive protectio
Lamp interval : 20.83mm
Warranty : 3YEAR
Size: L5000 *W12MM*H1.5MM
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



Double color flexible lens wall washer lamp
56leds/M

SINGLE COLOR SERIES

Features & Applications

Dimmable, a variety of waterproof types optional, easy to operate, cuttable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas... Interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas
- Outdoor lighting, home ceiling decoration lighting

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Single color series



SMD2835 120leds/M

Model: LMWT-FS2835-120-8MM(Red/Green/Blue/Yellow/Pink/Purple ect)

Voltage: DC24V

PCB width: 8mm

Color rendering index(CRI): /

Power:9.6W/M Customizable

Color temperature : Look below

Luminance efficiency:/

Luminous flux : /

Cut: 50mm

Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

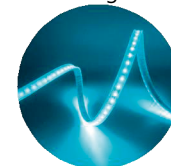
Lamp interval : 8.33mm

Warranty : 3YEAR

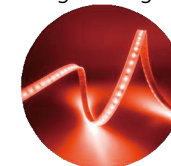
Size:L5000 *W8MM*H2MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

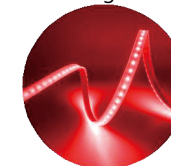
Ice blue light



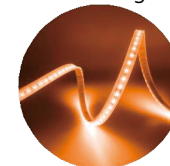
Orange-red light



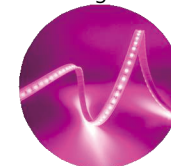
Red light



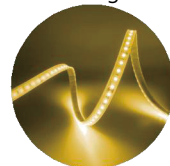
Amber light



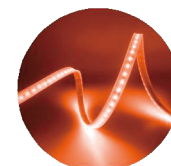
Pink light



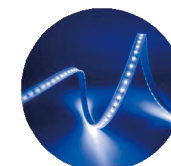
Yellow light



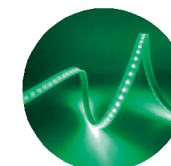
Golden light



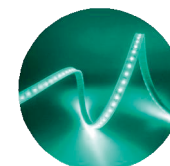
Blue light



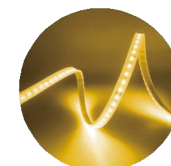
Green light



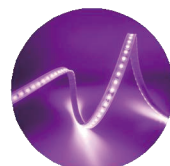
Mars Green light



Lemon light



violet light



RGB SERIES

Features & Applications

Dimmable, a variety of waterproof types optional, easy to operate, cuttable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas... Interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas
- Outdoor lighting, home ceiling decoration lighting

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RGB Series



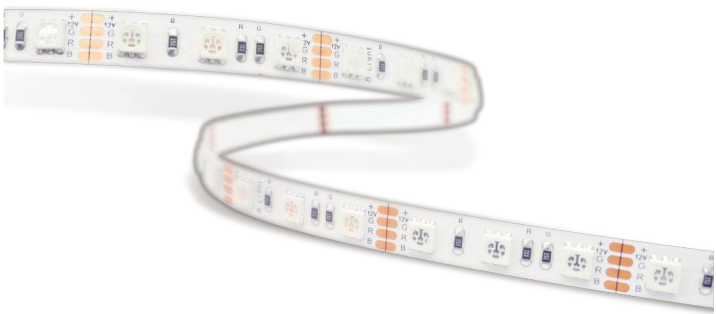
SMD3535 120leds/M

Model: LMWT-FS3535RGB-120D-8MM
Voltage: DC24V
PCB width: 8mm
Color rendering index(CRI): /
Power: 9.6W/M
Color temperature : RGB
Luminance efficiency: /
wavelength : R:625-630nm/G:520-525nm/B:460-470nm
Cut: 41.66mm
Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp interval : 8.33mm
Warranty : 3YEAR
Size: L5000 *W8MM*H2MM
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Model: LMWT-FS5050RGB-60D-10MM
Voltage: DC12V/24V
PCB width: 10mm
Color rendering index(CRI): /
Power: 12W/M
Color temperature : RGB
Luminance efficiency: /
wavelength : R:625-630nm/G:520-525nm/B:460-470nm
Cut: 44.3mm
Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp interval : 16.67mm
Warranty : 3YEAR
Size: L5000 *W10MM*H2.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD5050 60leds/M

RGBW SERIES

13

Features&Applications

Dimmable, a variety of waterproof types optional, easy to operate, cuttable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas... Interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas
- Outdoor lighting, home ceiling decoration lighting

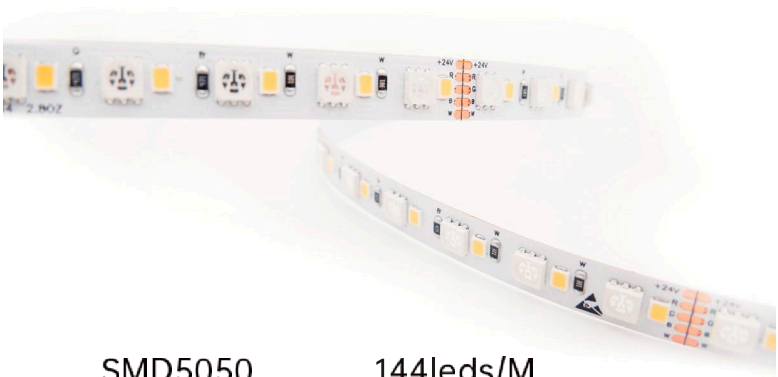
RGBW Series



SMD5050 60leds/M

Model: LMWT-FS5050RGBW-60D-12MM
Voltage: DC24V
PCB width: 12mm
Color rendering index(CRI) : CRI » 80/90
Power: 17W/M
Color temperature : RGBW/RGBY
Luminance efficiency: /
wavelength : R:625-630nm/G:520-525nm/B:460-470nm
Cut: 41.66mm
Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp interval : 8.33mm
Warranty : 3YEAR
Size: L5000 *W12MM*H2.5MM
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Model: LMWT-FS5050RGBW2-144D-10MM
Voltage: DC24V
PCB width: 10mm
Color rendering index(CRI) : CRI>80/90
Power: 18W/M
Color temperature : RGB+2400K-6500K RGB+2700K-6500K
Luminance efficiency: /
wavelength : R:625-630nm/G:520-525nm/B:460-470nm
Cut: 83.33mm
Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection
Lamp interval : 14.23 mm
Warranty : 3YEAR
Size: L5000 *W10MM*H2.5MM
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD5050 144leds/M

RGBCCT SERIES

14

Features & Applications

Dimmable, a variety of waterproof types optional, easy to operate, cuttable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas... Interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas
- Outdoor lighting, home ceiling decoration lighting

RGBCCT Series



SMD5050

60leds/M

Model: LMWT-FS5050RGBCCT-60D-12MM

Voltage : DC24V

PCB width: 12mm

Color rendering index(CRI) : CRI ≥ 80/90

Power: 20W/M

Color temperature : RGB+2400K-6500K/RGB+2700K-6500K

Luminance efficiency: /

wavelength : R:625-630nm/G:520-525nm/B:460-470nm

Cut: 44.3mm

Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp interval : 16.67 mm

Warranty : 3YEAR

Size: L5000 *W12MM*H2.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Model: LMWT-FS5050RGBCCT-96D-12MM

Voltage : DC24V

PCB width: 12mm

Color Rendering Index(CRI) : Ra>80/90

Power: 24W/M

Color temperature : RGB+2400K-6500K/RGB+2700K-6500K

Luminance efficiency: /

wavelength : R:625-630nm/G:520-525nm/B:460-470nm

Cut: 62.53mm

Waterproof process : IP20 、 IP44 Semi-silicone protection
IP65 Silicone pipeline protection
IP67 Silicone comprehensive protection

Lamp interval : 10.41 mm

Warranty : 3YEAR

Size: L5000 *W10MM*H2.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



SMD5050

96leds/M

DIFFUSE REFLECTION SERIES

Features & Applications

Dimmable, a variety of waterproof types optional, easy to operate, cuttable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas... Interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas
- Outdoor lighting, home ceiling decoration lighting

Diffuse Reflection Series



Single color diffuse reflection
24leds/M

Model: LMWT-FS2835-24D-12MM(Diffuse Reflection)

Voltage: DC24V

PCB width: 12mm

Color rendering index(CRI): CRI>97

Power: 24W/M

Color temperature : 3000/4000/6500K

Luminance efficiency: 103lm/W

Luminous flux : 2472lm/M

Cut: 41.67mm

Waterproof process : IP67 Silicone comprehensive protectio

Lamp interval : 41.67mm/20.83mm

Warranty : 3YEAR

Size: L5000 *W12MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Model: LMWT-FS2835CCT-24D-12MM(Diffuse Reflection)

Voltage: DC24V

PCB width: 12mm

Color rendering index(CRI): CRI>97

Power: 12W/M*2

Color temperature : 3000+6500K

Luminance efficiency: 103lm/W

Luminous flux : 1236 lm/M

Cut: 41.67mm

Waterproof process : IP67 Silicone comprehensive protectio

Lamp interval : 41.67mm/20.83mm

Warranty : 3YEAR

Size: L5000 *W12MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



Double color diffuse reflection
24leds/M

WATERPROOF AND DUSTPROOF TECHNOLOGY

16

Features & Application

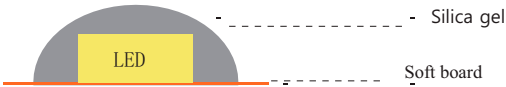
Dimmable, a variety of waterproof types optional, easy to operate, cuttable, connectable

Widely used in a variety of decorative and indirect lighting places:

- Amusement parks, KTV, cinemas... Interior lighting
- Advertising, signboard, logo decoration
- Decorative lighting for bridges, roads, gardens, villas

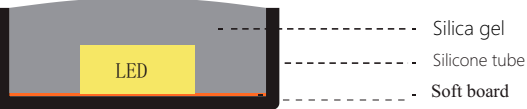
IP54

Glue dropping process
(Anti splash water, with minimal size changes)



IP67

Glue infusion craft
(Can be soaked in water for a short time)



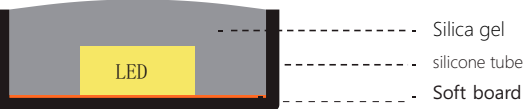
IP65

Silicone comprehensive protection
(Anti water spray, low color drift)



IP67

Silicone comprehensive protection
(can put in the water , low color drift)



COB light strip is a more common category in lighting products, is the abbreviation of Chip on Board in English, which refers to chip packaging technology on the board, which can be simply understood as: multiple LED chips integrated into the same substrate of the light.

As a new type of high-brightness and high-index linear lighting strip, its appearance is exquisite, the light is soft and uniform, no spots, there are a variety of waterproof methods, the use of flip packaging process, good heat dissipation, and the life of the strip is longer.

COB LED STRIP PRODUCT

COB LED Strip



FCOB 320leds/M



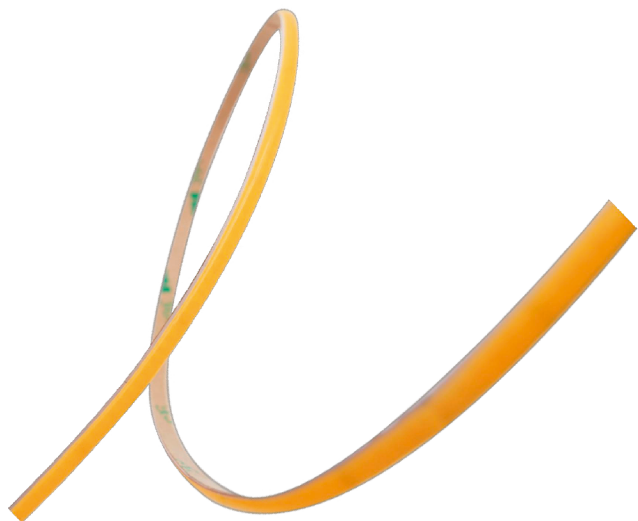
Model: LMWT-C320-8MM-24V
Voltage: DC24V
PCB width: 8mm
Color Rendering Index(CRI) : Ra>90
Power: 8W/M
Color temperature : 2700/3000/4000/6500K
Luminance efficiency: 100lm/W
Luminous flux : 850lm/M
Cut: 50mm
Waterproof process : IP55
Lamp interval : /mm
Warranty : 3YEAR
Size: L5000 *W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

COB LED Strip



FCOB 384leds/M



Model: LMWT-C384-5MM-24V
Voltage: DC24V
PCB width: 5mm
Color Rendering Index(CRI) : Ra>90
Power: 10W/M
Color temperature : 2700/3000/4000/6500K
Luminance efficiency: 100lm/W
Luminous flux : 1050lm/M
Cut: 41.66mm
Waterproof process : IP55
Lamp interval : /mm
Warranty : 3YEAR

Size: L5000 *W5MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Model: LMWT-C384-8MM-24V
Voltage:DC24V
PCB width: 8mm
Color Rendering Index(CRI) : Ra>90
Power: 10W/M
Color temperature : 2700/3000/4000/6500K
Luminance efficiency: 100lm/W
Luminous flux : 1055lm/M
Cut: 41.66mm
Waterproof process : IP55
Lamp interval : /mm
Warranty : 3YEAR
Size: L5000 *W8MM*H1.5MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



FCOB 384leds/M



FCOB 480leds/M

Model: LMWT-C480-8MM-24V
Voltage :DC24V
PCB width: 8mm
Color Rendering Index(CRI) : Ra>90
Power: 11W/M
Color temperature : 2700/3000/4000/6500K
Luminance efficiency: 100lm/W
Luminous flux : 1156lm/M
Cut: 50mm
Waterproof process : IP55
Lamp interval : /mm
Warranty : 3YEAR
Size: L5000 *W8MM*H1.8MM
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

Model: LMWT-C528-10MM-24V
Voltage :DC24V
PCB width: 10mm
Color Rendering Index(CRI) : Ra>90
Power: 14W/M
Color temperature : 2700/3000/4000/6500K
Luminance efficiency: 100lm/W
Luminous flux : 1435lm/M
Cut: 45.45mm
Waterproof process : IP55
Lamp interval : /mm
Warranty : 3YEAR
Size: L5000 *W10MM*H1.8MM

[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)



FCOB 528leds/M



HIGH VOLTAGE LED STRIP PRODUCT

The high voltage light strip is made of hard material, mainly because the material is different, and the flexible light strip is shaped Easier. The high-voltage light strip is directly connected to the 220V mains power, and the light decay will be more serious than the low-voltage light strip. There are certain security risks.

High Voltage LED Strip



SMD2835 1201eds/M

Model: LMWT-FS2835-G120D-10MM(220V High Voltage Strip)
Voltage :DC220V
PCB width: 10mm
Color Rendering Index(CRI) : Ra>90
Power: 8W/M
Color temperature : 1800/2400/ 2700/3000/3500/4000/5000/6500/10000K
Luminance efficiency: 86lm/W
Luminous flux : 688lm/M
Cut: 1000mm
Waterproof process : IP65
Lamp interval : 16.67 mm
Warranty : 3YEAR
Size: /
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

- Product Features :
- PCB adopts laminated board, electrical safety, flat surface, good toughness
 - The LED adopts a copper bracket, and the optional color rubber material blends perfectly with the environment .
 - Using multiple pure copper wires, low internal resistance and super soft .

High Voltage LED Strip



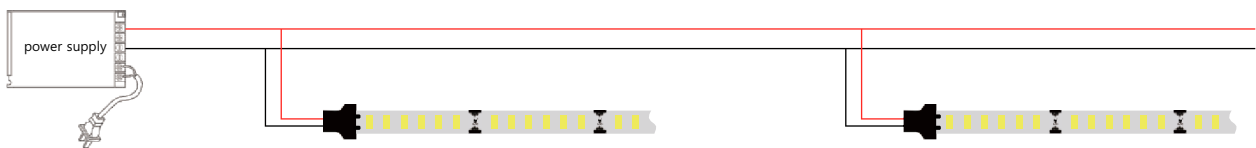
SMD2835 1201eds/M

Model: LMWT-FS2835-120-10MM(220V High Voltage Strip)
Voltage :DC220V
PCB width: 10mm
Color Rendering Index(CRI) : Ra>90
Power: 14W/M Customizable
Color temperature : 1800/2400/2700/3000/3500/4000/5000/6500/10000K
Luminance efficiency: 86lm/W
Luminous flux : 1000 lm/M
Cut: 1000mm
Waterproof process : IP55
Lamp interval : 8.33 /mm
Warranty : 3YEAR
Size: L5000 *W10MM*H1.8MM
[Remarks]: Voltage/board width/power/luminous flux/display, etc. can be customized (power/luminous flux value± 10%)

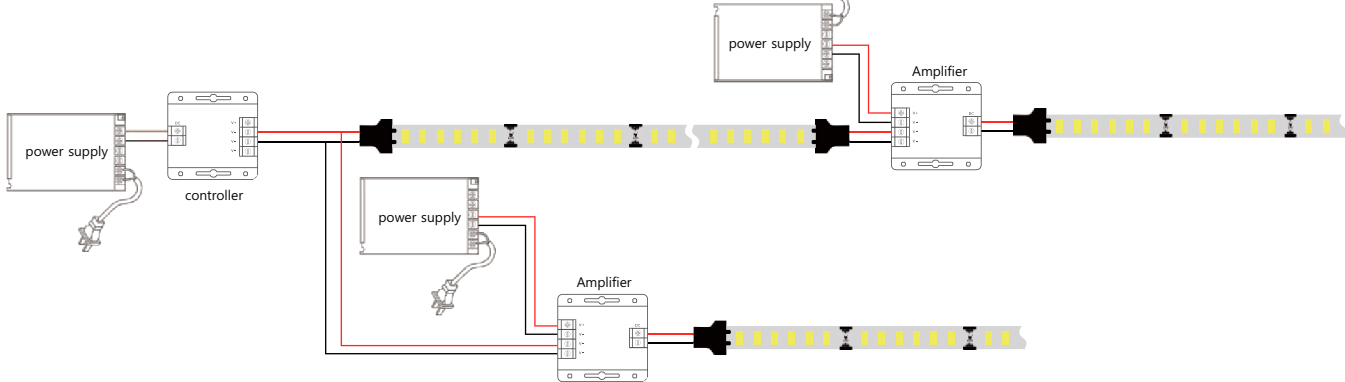
- Product Features :
- PCB adopts laminated board, electrical safety, flat surface, good toughness
 - The LED adopts a copper bracket, and the optional color rubber material blends perfectly with the environment .
 - Using multiple pure copper wires, low internal resistance and super soft .

Low energy consumption-Connection diagram

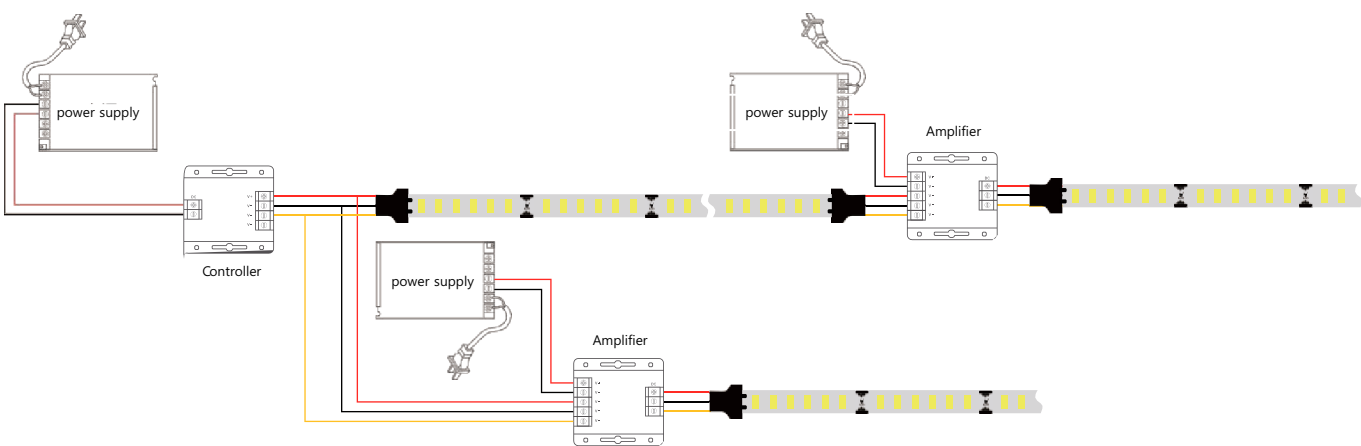
(1) Schematic diagram of a product connection that does not adjust the brightness



(2) Schematic diagram of a product connection with adjustable brightness

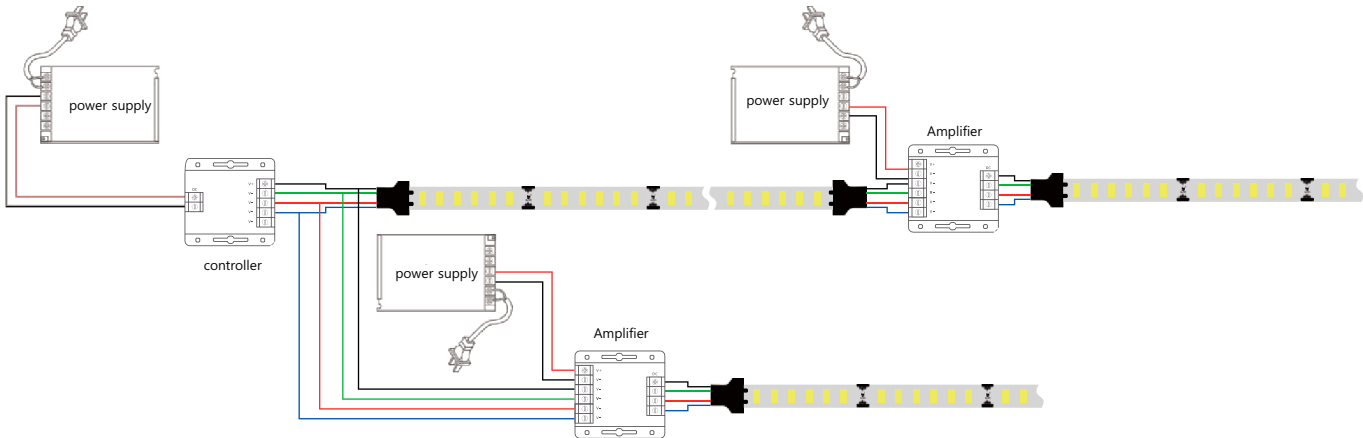


(3) Connection diagram of adjustable color products

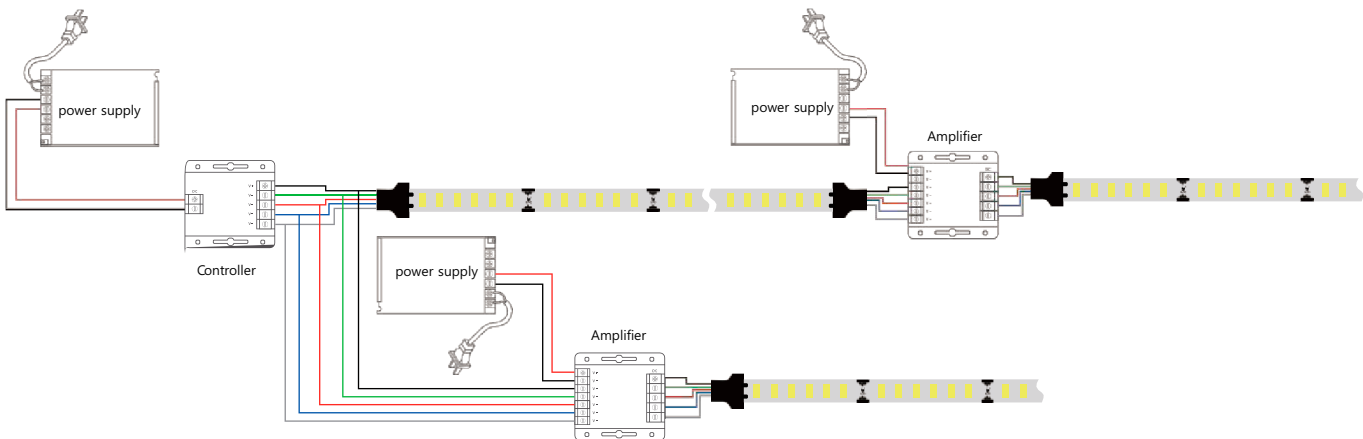


Low energy consumption-Connection diagram

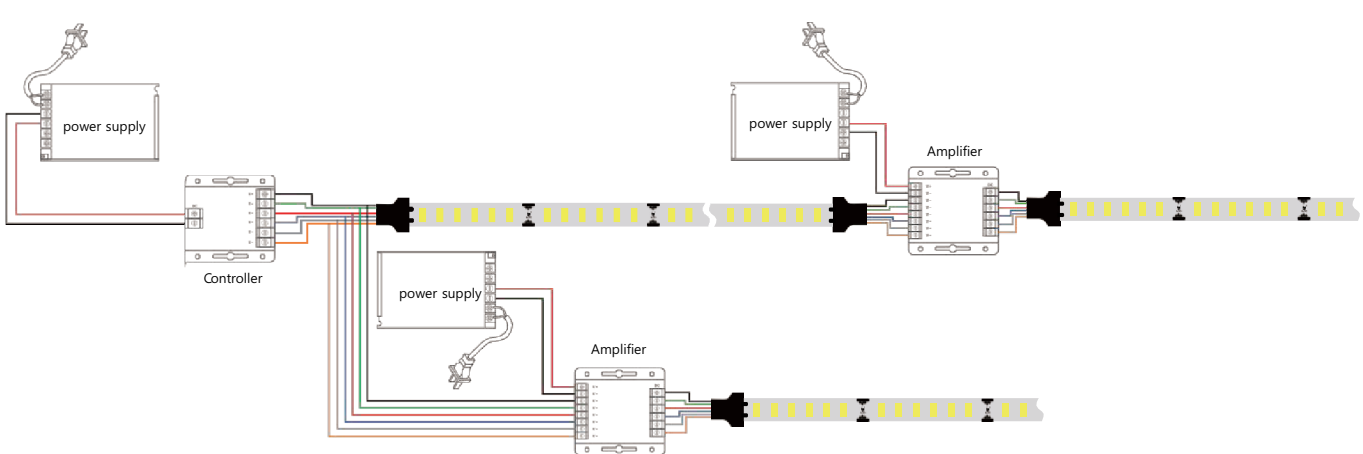
(4) RGB Product-Connection diagram (4 wire)



(5) RGBW Product-Connection diagram (5 wire)



(6) RGBWWW Product-Connection diagram (6wire)



INDIRECT LIGHTING

