SUPER LIGHTING LED

PRODUCT DATA SHEET

24VDC RGB+CCT 5 Chips in 1 Super Bright LEDs Flexible LED Strip Lights

Model: FSLRGBWW-5T1-5050X300

-16.4ft/roll
-SMD 5050 RGBWW
-Non-waterproof IP20
-Every 3/6 PCS can be cut
-84W/16.4ft Max
-50,000+hours

Description

The FSLRGBWW-5T1-5050X300 is a high-quality, non-waterproof 16.4ft flexible LED RGB+CCT strip with 5050 SMD LEDs, combining red, green, blue, warm white, and daylight white color capabilities. This flexible LED strip has a long lifespan of over 50,000 hours, offering safety, energy efficiency, and environmental friendliness.
The bright RGBCCT LED strip is manufactured from a flexible FPC substrate, known for its excellent electrical conductivity, rapid heat dissipation, and flexural strength. Installation is straightforward thanks to the strong self-adhesive tape on the rear, and the strip can be both cut and linked at every 6 LEDs along the cutting marks. Operating on a low voltage DC24V power supply to ensure user safety, this durable 24VDC LED strip can be used to decorate dining rooms, bedrooms, kitchens, and living rooms and is ideal for holidays and events.

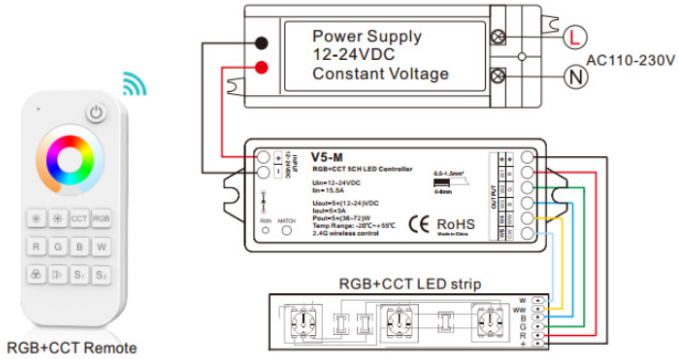
Product Specific Specifications

LED Strip Type:	SMD 5050 RGBWW 300LEDs/16.4ft
LED Chip:	Epistar Chip (SMD5050 5 IN 1 LED chip)
Working Temperature:	-4°F (-20°C) ~ 122°F (50°C)
Storage Temperature:	-40°F (-40°C) ~ 176°F (80°C)
Light Color:	RGB CCT (2700K-6500K color temperature)
Dimension:	16.4ft/roll, every 3/6 PCS LED can be cut
LED Quantity:	60 LEDs per 1meter (3.28 ft)
Lifespan:	50,000+hours
Strip Width:	12mm (0.47in)
Input Voltage(V):	12/24 VDC
Working Power:	84W /16.4ft Max
Lamp Luminous Flux:	20-22Lumen 9240lm Max /16.4ft 563lm/feet 69lm/watt
Wavelength NM(RGBY):	2000-2500mcd
Beam Pattern:	120 degree
CRI:	90

*CCT may be +/-100K but always ordered from the same bin and will present no noticeable differences perceived by the human eye.

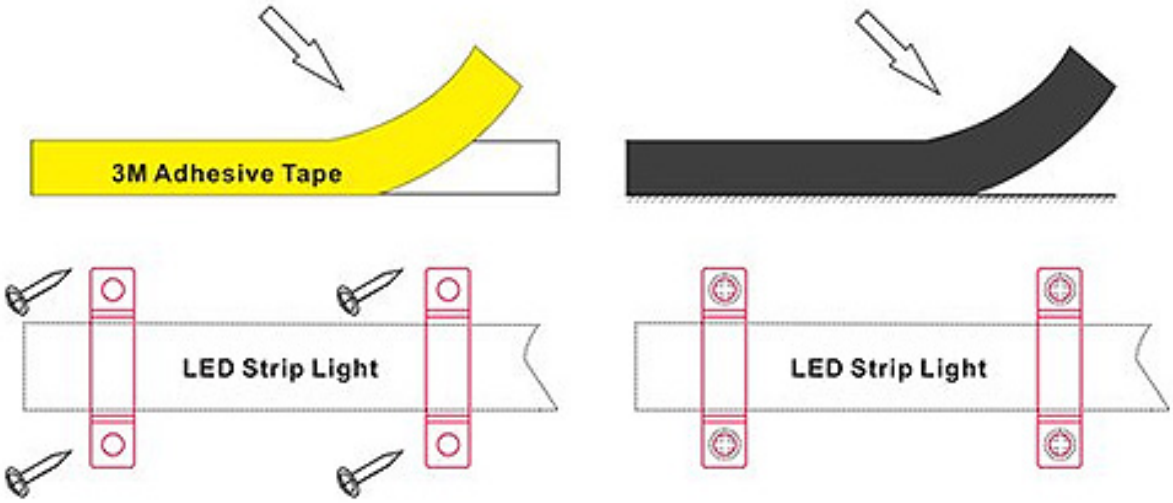
LED Strip Wiring

1. Identify the positive and negative terminals; 2. Connect the power supply: Use the 12V/24V adapter to connect the positive and negative terminals of the light strip; 3. Connect the controller: Connect the controller to the power supply and the light strip; 4. Test: Turn on the power to check whether the light strip works properly.



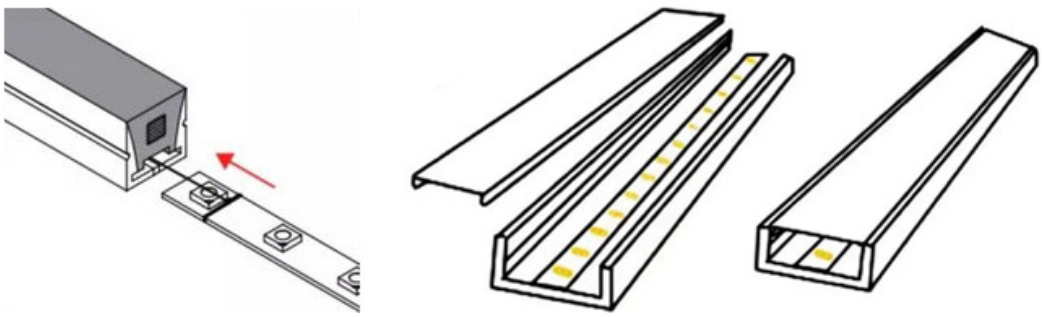
LED Strip Installation

We provide a variety of LED strip light mounting methods to meet the needs of different users and use scenarios. IP20, IP65 strip light through the adhesive backing on the object, IP67 and IP68 outdoor strip light we provide adhesive backing and bracket fastening two ways.



Optical accessories

To improve lighting effect and the appearance of light strip installation, you can use two supplementary materials or accessories, LED neon covers or aluminum profiles. The light scattered by the silicone or PC material will become even and soft or even spotless.

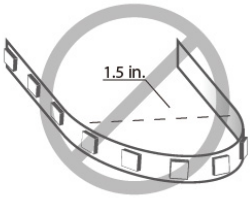


Precautions

Do not bend led strip light to a diameter less than 1.5 inches;
Do not fold or crease led strip light; Do not bend led strip light on a horizontal plane;
Do not put excessive pressure on surface of strip light (e.g. glass/acrylic panes, etc);
Do not cover strip light with any material except neon tube, aluminum profile, etc. optical accessories;
Do not cut off or modify the strip light or attached AC cord that provides power to the strip light;
Do not power strip light while attached to spool or tightly coiled;
Please don't connect low voltage led strips directly to AC110 or AC220V line voltage, otherwise it will burn out the LEDs.

Application Scenes

LED strip lights is a very flexible and versatile lighting solution for:
1. Home Lighting - LED strip can be installed in all corners of the home, such as under cabinets, staircase edges, TV backdrops, etc., to provide a soft background light and increase the coziness of your home.
2. Commercial Lighting - In shopping malls, hotels, restaurants and other commercial places, LED light strips can be used to highlight the display of goods and create a comfortable shopping and dining environment.
3. Landscape Lighting - LED strips can be used for outlining architectural silhouettes, lighting gardens and landscapes, as well as beautifying city streets to enhance the beauty of the urban nightscape.
4. Automotive decorative lighting - LED strips are also widely used in the automotive field, such as interior and exterior decorative lights, dashboard backlighting, etc., providing safer and personalized lighting.
5. Festive decoration - During festivals, LED strips can be used as decorative lights to add festive atmosphere.



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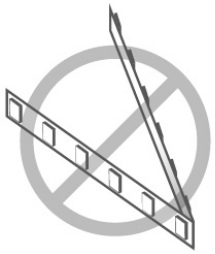
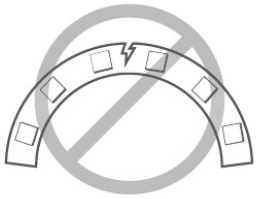


Do not fold or crease LED strip light.



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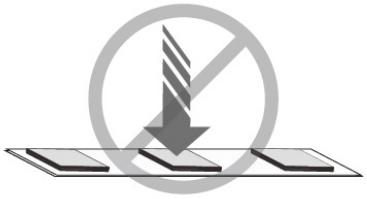
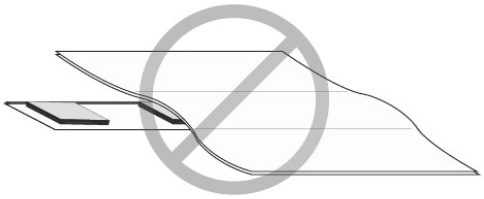
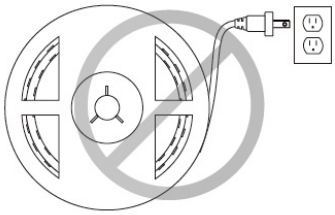


Do not put excessive pressure on surface of strip light (e.g. glass/acrylic panes etc.).



Do not cover strip light with any materials.

Do not cut off or modify the strip light or attached AC cord that provides power to the strip light.



Do not power strip light while attached to spool or tightly coiled.