SUPER LIGHTING LED

PRODUCT DATA SHEET

Double Row RGB CCT 5050RGB+ 2835CCT 270LEDs/m High Density

Model: FSLRGBWW-5T1-DR1350

-/0T-02T bms`jc pmu PE@ CCT jcb qrpgn
-QKB3.3. PE@) QKB0613 AAR
-Uaterproof mnrgml_j
-05. jcb-k fgef bclqgrw
-/3k k ugbrf
-50,000+hours

Description

RGB+WW+DW RGBCW color changing led strip lights with both RGB color and dimmable CCT white light color, use 5050 RGB LEDs plus 2835 white LEDs, have purer white light with a wider color temperature range (2700K-6500K, warm white to cool white) than multi color RGB led strip lights and RGBW led strips, more color options, compatible with mood lighting and task lighting. You can freely change the LED light colors by using wireless control method via an RGB CCT controller, use low-voltage 12V/24V led power supply.
The biggest feature of this RGBWW multi-color led product is that it is different from the 5IN1 RGBCCT LED structure, the RGB/Warm White/Daylight White SMD LEDs are respectively pasted on the PCB to form a two-row parallel structure, which is brighter than 5IN1 60LEDs in terms of brightness.
5050 RGB LED + 2835 warm white LED + 2835 daylight white LED
12V/24V operation, 270LEDs/m high density, super bright
IP20/IP65/IP67 waterproof ratings for indoor lighting and outdoor lighting

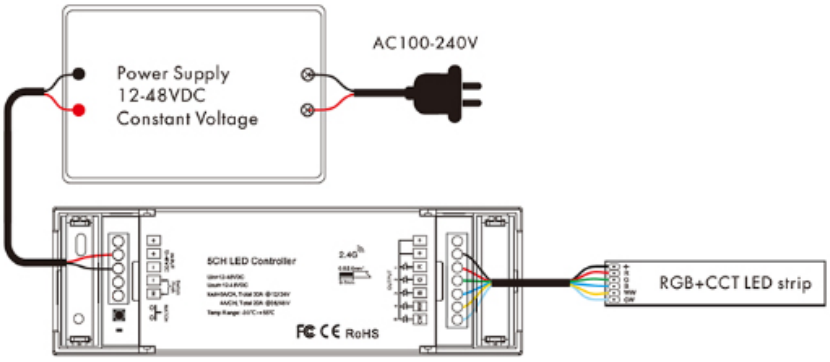
Product Specific Specifications

LED Strip Type:	Double Row RGB+W+W LED Strip
LED Chip:	SMD5050+SMD2835
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
Product Size:	15mm/0.59in width, 5m/16.4ft roll
LED Quantity:	90 LEDs per RGB/W/W
Lifespan:	50,000+hours
IP Rating:	Non-waterproof IP20, Splash-resistance IP65, Outdoor waterproof IP67
Input Voltage(V):	12V/24V DC
Working Power:	150W /16.4ft Max
Lumen:	9240lm Max /16.4ft
CRI:	90
Beam Pattern:	120 degree
Cut Unit:	9 LEDs (3 groups of RGBCCT) 12V, 18 LEDs (6 groups of RGBCCT)

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

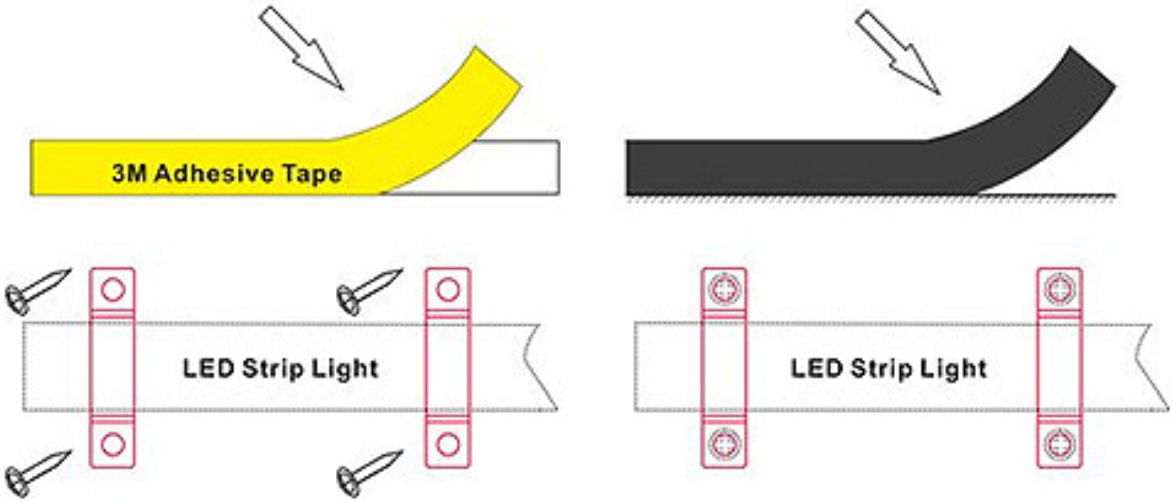
LED Strip Wiring

1. Identify the positive and negative terminals; 2. Connect the power supply: Use the 12/24V 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.



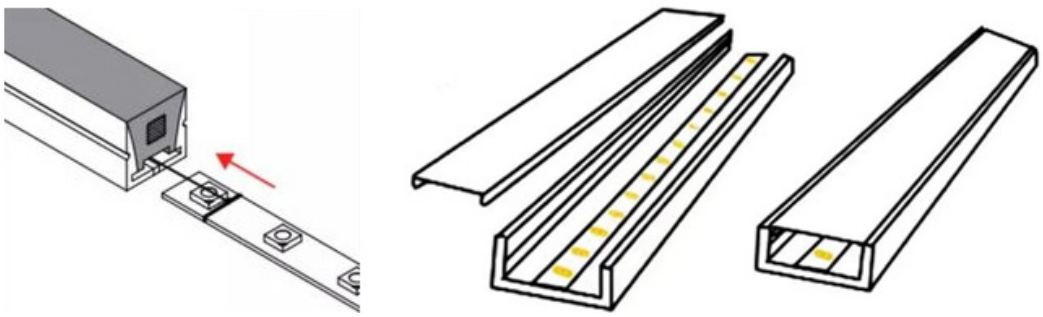
LED Strip Installation

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.

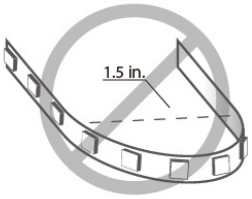


Precautions

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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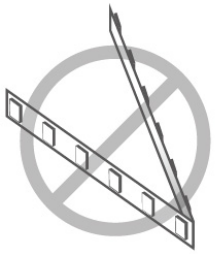
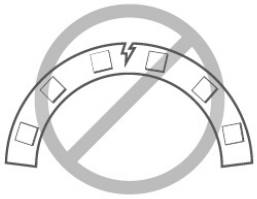


Do not fold or crease LED strip light.



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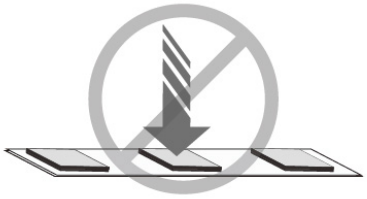
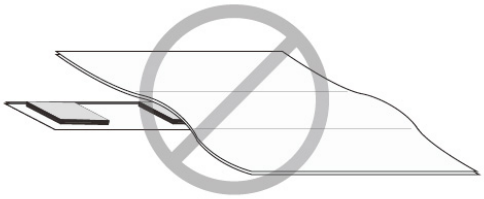
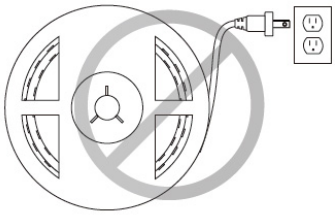


Do not put excessive pressure on surface of strip light (e.g. glass/acrylic panes etc.).



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.