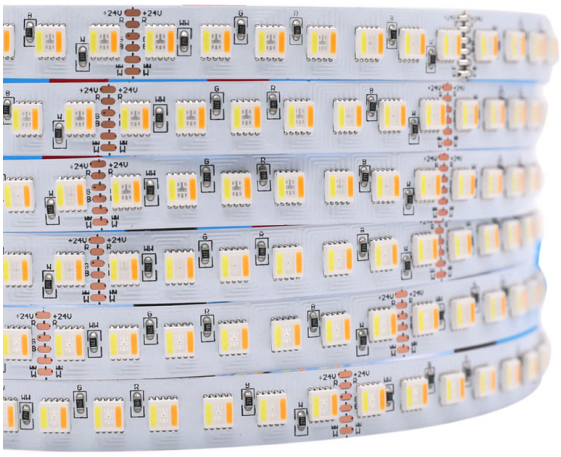
SUPER LIGHTING LED

PRODUCT DATA SHEET



DC24V SMD5050 112LEDs/m Highest Density 5-In-1 RGBWW LED Strip

Model: FSLRGBWW-24V-5050-560X12

-SMD5050, RGBWW Color
-112 LEDs/m, 560 LEDs/16.4ft
-6 wires on each side for easier connection
-Every 62.5mm/2.46inch can be cut
-IP 20/65/67/68 optional
-4Moz circuit board

Description

Our RGBCW LED strip adapts 4OZ FPCB as base, with low voltage drop and good heat dissipation. It can achieve 30-35lm per LED, 16800-19600lm per reel, able to illuminate your bedroom with high brightness. There are 112 SMD5050 LED lights across each meter, 560 LEDs per reel. With super high density and light brightness, it is the highest density type of 5-in-1 RGBCCT LED strips, with smaller dark area.

Available in all colors, you can freely choose a color to display according to your current mood and feeling. RGB color changing lights are perfect for creating various atmospheres to your entertainment room. Warm white lights are ideal for resting, sleeping, and leisuring, while neutral white lights are widely applied when you are reading, learning, and working.

To meet the needs of your bedroom illumination and other indoor lighting projects, you can cut the RGB CCT LED strip at the cutting line position. Every time you cut, there will be left with a 62.59mm/2.46inch long strip.

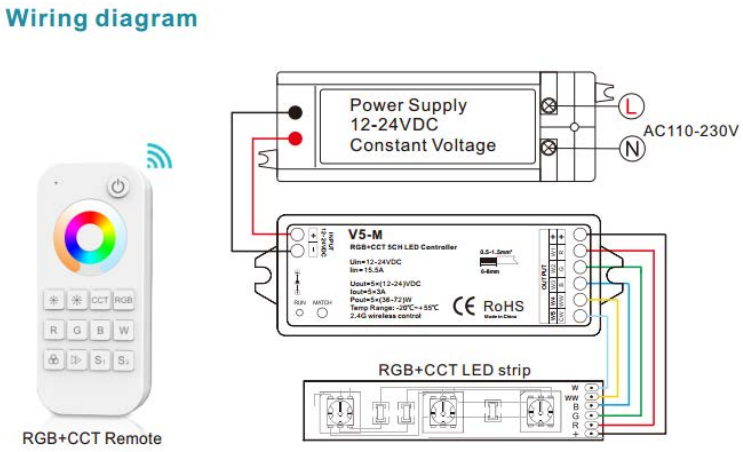
Product Specific Specifications

Product Type:	24 Volt 5-In-1 Higher Density RGBWW LED Strip
LED Chip:	SMD5050 5-IN-1 LED chip
Input Voltage:	DC24V
Power:	36W/m, 180W/16.4ft
Working Temperature:	-20℃~+45℃
Storage Temperature:	-20℃~+60℃
LED Color:	RGB+CCT (2700K-6500K color temperature)
PCB Width:	12mm/0.47" IP20 15mm/0.59" IP67/68
LED Quantity:	112 LEDs/m, 560 LEDs/16.4ft
Waterproof Rating:	IP20/ IP65/ IP67/ IP68
Cuttable:	62.50mm/2.46", Every 7 LEDs
Lumen:	30-35lm per LED
Bg k k_`jc:	Yes
Beam Angle:	120°
Strip Length:	5m/16.4Ft

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

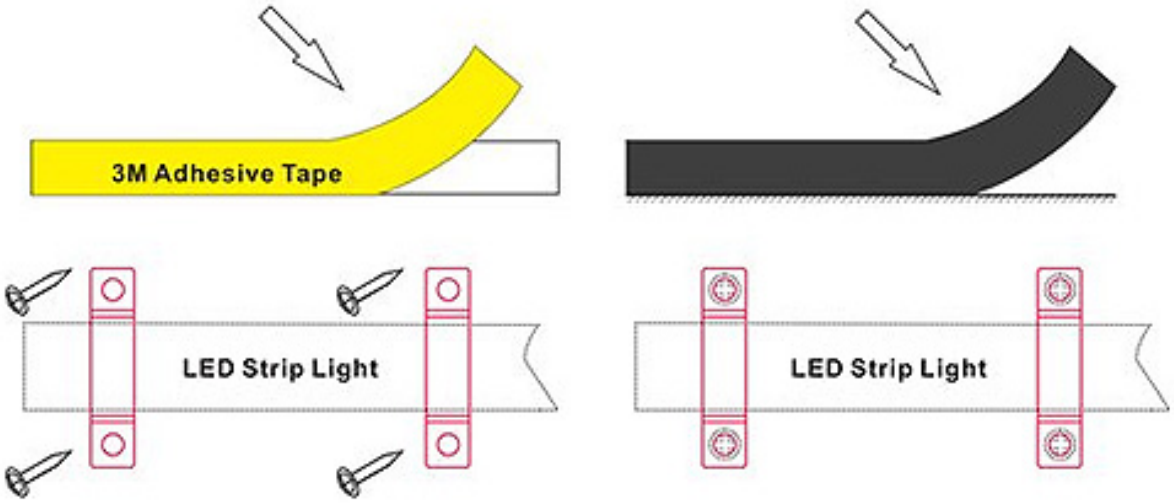
LED Strip Wiring

To wire an RGBCCT LED strip, you can start by connecting the "+" (positive) terminal of the LED strip to the positive output of your power supply. Then, connect the RGB (Red, Green, Blue) wires and the CCT (Cold White, Warm White) wires to the corresponding terminals on the LED controller (R, G, B, CW, WW). Make sure to match the color-coded wires to the correct terminals to ensure proper operation.



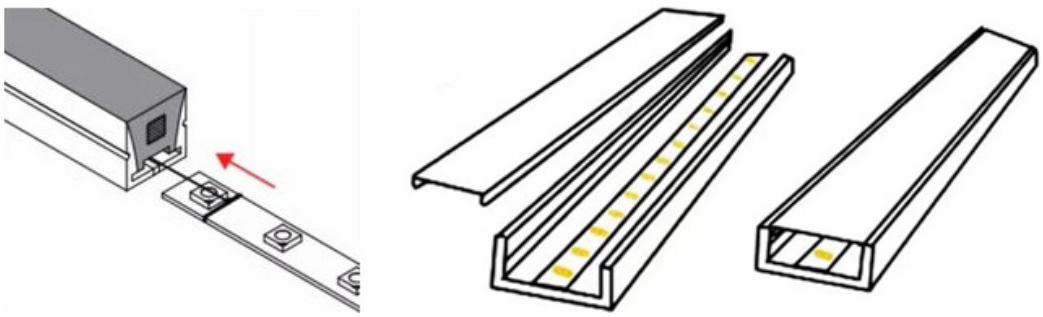
LED Strip Installation

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.

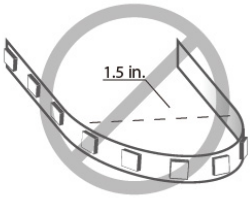


Precautions

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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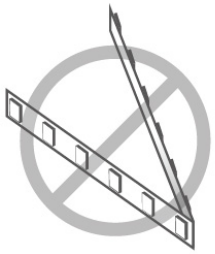
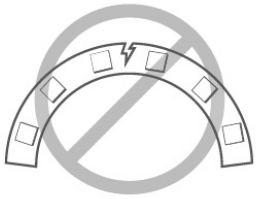
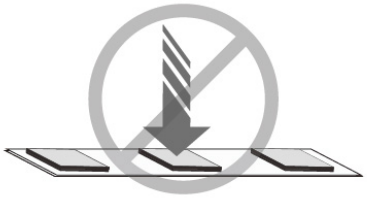


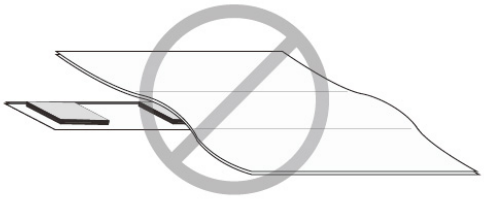
Do not fold or crease LED strip light.



Do not bend LED strip light on a horizontal plane.

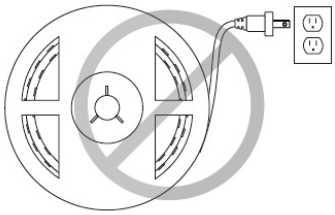


Do not put excessive pressure on surface of strip light (e.g. glass/acrylic panes etc.).



Do not cover strip light with any 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.