



**DC24V Color Change RGBW 3920 Chips  
16.4Ft Flexible COB LED Strip Lights**

**Model: FCOB-24V-840RGBW**

- RGB+W (2700K/ 3000K/ 4000K/ 6000K)
- 784LEDs/m, 3920LEDs/16.4ft
- COB LED Technology, Dotless Illumination
- Every 71.4mm/2.8inch can be cut
- IP20/67/68 optional
- 12mm/0.47inch wide (IP20)



Description

RGBW COB LED strip light, compared with the COB RGB LED light strip, with extra purer white color, the color temperature is 2700/3000/4000/6000K option, work with the color-changing RGBW LED controller, you can control the single color (R/G/B/W) changing by the Bluetooth/Wifi smartphone APP control, can be also controlled by the third party, like Amazon Alexa, google assistant, with the timer/music/group function.

The input voltage of this RGBW LED strip light is DC24V, every 50mm/1.97in cuttable, total 784chips per meter, softly achieve the whole roll without light spot, perfectly match with the LED aluminum channel or LED neon tube, which is an ideal choice for display, exhibition, under-cabinet, concave lighting applications, etc. Available in multiple waterproof ratings including IP20, IP67 and IP68, this RGBW COB LED tape can be applied both indoors and outdoors, adding a unique color touch to your spaces.

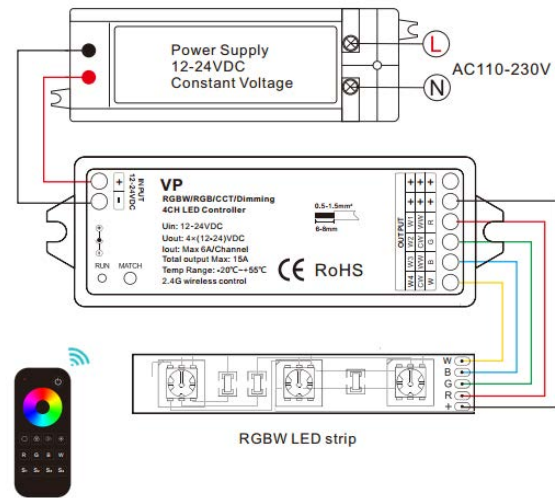
Product Specific Specifications

<b>Product Type:</b>	24 Volt Flexible Color Change RGBW LED COB Light Strip
<b>LED Chip:</b>	Epistar Chip
<b>Input Voltage:</b>	DC24V
<b>Power:</b>	14.4W/ m, 72W/16.4ft
<b>Working Temperature:</b>	-20 °C ~+45 °C
<b>Storage Temperature:</b>	-20 °C ~+60 °C
<b>LED Color:</b>	RGB+White(2700K/ 3000K/ 4000K/ 6000K )
<b>PCB Width:</b>	12mm/0.47" IP20 15mm/0.59" IP67/68
<b>LED Quantity:</b>	784LEDs/m, 3920LEDs/16.4ft
<b>Waterproof Rating:</b>	IP20 / IP67 / IP68
<b>Cuttable:</b>	71.4mm/2.8 inch can be cut
<b>Lumen:</b>	2lm/LED
<b>6L _ ST W</b>	Yes
<b>Beam Angle:</b>	180°
<b>Strip Length:</b>	5m/16.4Ft

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

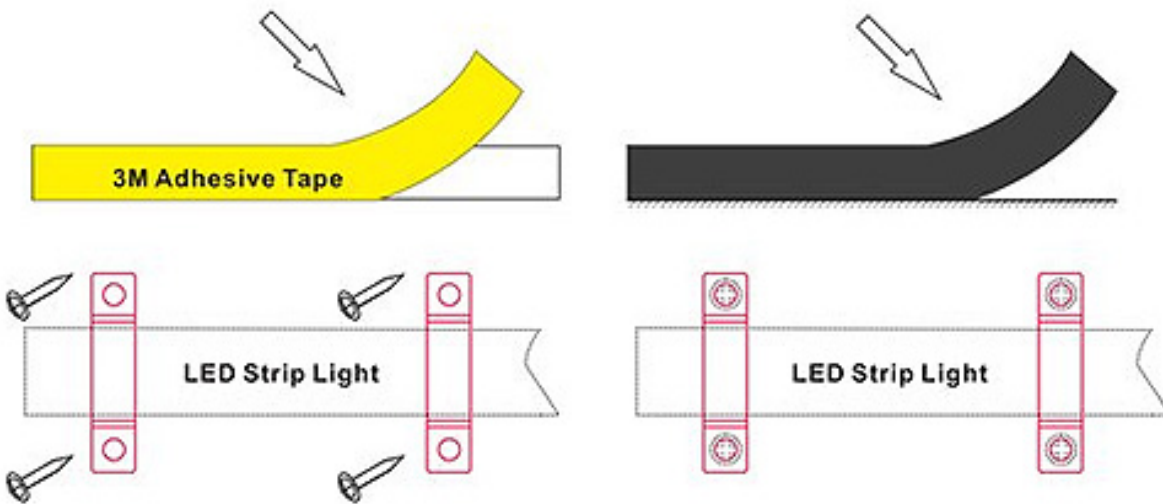
# LED Strip Wiring

To wire RGBW LED strip lights, first connect the strip's positive terminal (+) to the positive output of your power supply. Next, connect the R (Red), G (Green), B (Blue), and W (White) wires to the corresponding terminals on the LED controller. Ensure all connections are securely tightened, and double-check that the polarity is correct. Finally, connect the power supply to an appropriate power source, and you're ready to operate the lights.



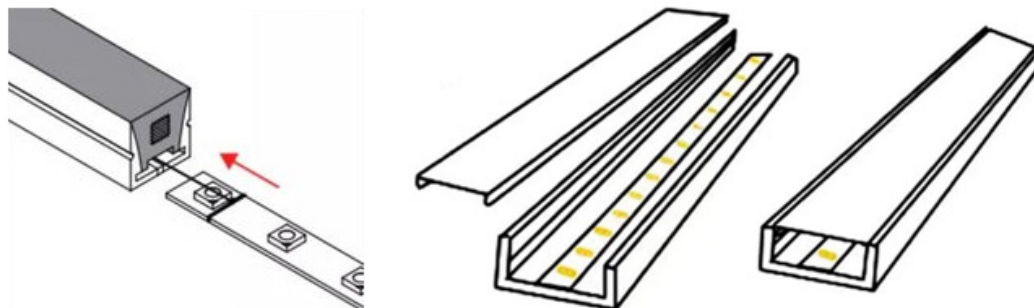
# LED Strip Installation

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.



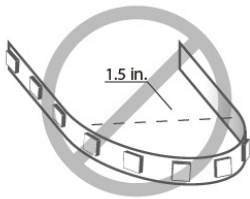
# Precautions

- 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:

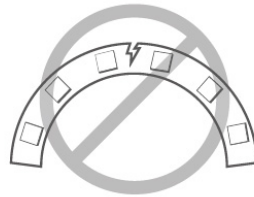
1. Home Lighting - LED strip can be installed in all corners of the home, such as under cabinets, staircase edges, TV backdrops, etc., to provide a soft background light and increase the coziness of your home.
2. Commercial Lighting - In shopping malls, hotels, restaurants and other commercial places, 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.



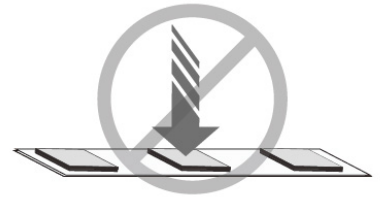
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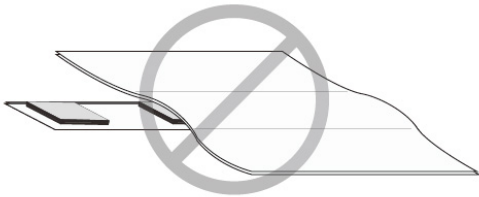
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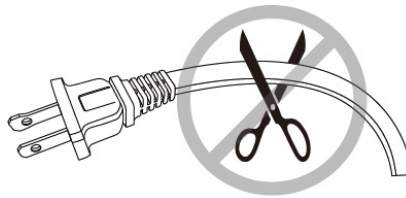
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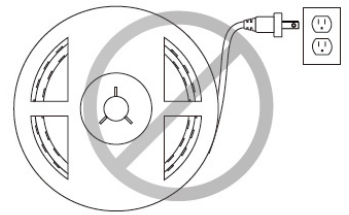
Do not put excessive pressure on surface of strip light (e.g. glass/acrylic panes etc.).



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.