



Professional COB LED Lighting Brand

User Manual

COB LED Strip Lights



Safety & Warnings

- PAUTIX recommends that you hire or consult with a qualified, licensed electrician.
- Do not modify this product or warranty will be void.
- This strip light is designed to be cut at designated cut points only. Cutting anywhere other than the cut points will result in damage to the strip light.
- Failure to follow safety warnings, and installation instructions will void the warranty.
- The product is not water resistant, be cautious when installing and using.
- Use the product with the provided power adapter only.
- Be cautious of static electricity during installation and usage. Keep the product away from sharp objects or strong corrosive chemicals.
- When bending the strip lights during installation, avoid folding the LED components as it may affect the product's lifespan.
- Remove nails, metal, or other conductive objects from the installation surface before attaching the strip light, as it may cause short-circuiting.
- Do not install the strip light near any heat sources.
- Avoid installing the strip light near potentially dangerous sources (e.g., candles, liquid-filled objects).
- Unroll the strip lights before powering them on.

Warning: Avoid the following operations!



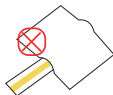
DO NOT
bend at sharp angles



DO NOT
squeeze/hit violently



DO NOT
twist the strip



DO NOT
cover the strip



DO NOT
bend on a horizontal plane



DO NOT
power on when the
strip is on spool

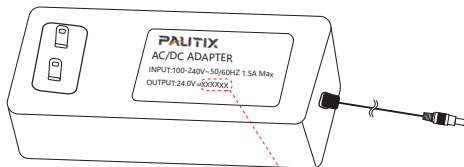
Technical Information

Type	COB LED
Class	Professional/Engineering
Input Voltage	DC 24V
Rated Power	Reference Packaging Labels
Width	8mm
Length	Reference Packaging Lables
Mounting	Strong Adhesive Backing
Dimmable	Yes
Power Supply	Included
Controller	Included
Certification	UL Listed, CE, Rohs
Environment	Indoor, Dry
Lifespan	65,000 Hours



Specifications subject to change without notice.

About Power Supply



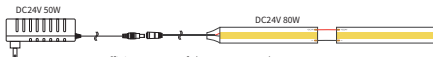
1A 24W	1.5A 36W	2A 48W
3A 72W	4A 96W	5A 120W

(The power supply in each kit is provided based on the power of the strip lights.)

Examples



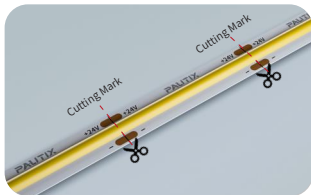
Adequate margin of power supply



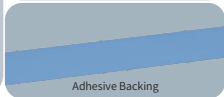
Insufficient power of the power supply

- ▶ The power supply in each kit is only sufficient for the strip lights in its kit.
- ▶ Please replace the 24V power supply with a larger output power when connecting more strip lights.
- ▶ PAUTIX recommends that you consult a professional electrician or PAUTIX customer service support team if you don't know how to choose a higher output power supply.
- ▶ The output power of the power supply should be at least 20% higher than the strip light it drives when connecting more strip lights so as to avoid overloading.
- ▶ The higher the power of the strip light, the more power margin the power supply needs.

About the Strip Light



Adhesive Backing



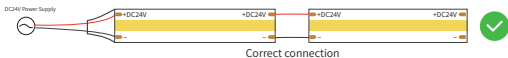
Adhesive Backing



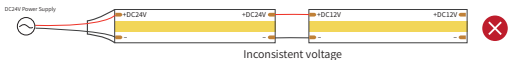
Cut at the cutting mark



Wrong cutting



Correct connection



Inconsistent voltage

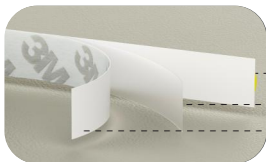


Inconsistent electrodes

- ▶ The cut portion can still be used after reconnecting using connectors or welding.
- ▶ These strip lights cannot be connected to those with different voltages.

About Adhesive Backing

Please remove the adhesive backing film correctly before sticking the strip light.



Tear off a small portion of backing film



Check with your fingers that the adhesive is attached to the back of the strip but not been torn off



Tear off the remaining backing film again

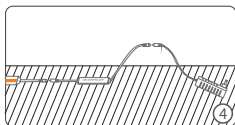
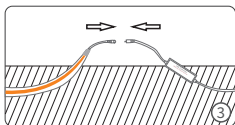


Stick and install strip lights

Packing List

- ▶ COB LED Strip Light • 1
- ▶ Controller Box • 1
- ▶ Remote • 1
- ▶ Power Adapter • 1
- ▶ User Manual • 1

Installation



Please test the COB LED Strip light before installation.

Step-1: Clean the suitable installation surface, make sure it's clean, dry and smooth.
(Please do not stick the strips on the knitted/wool fabrics, dusty wall, rough plastic surface, frosted glass)

Step-2: Tear off the back tape and paste the strip to the surface smoothly.

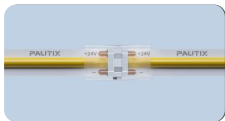
Step-3: Connect the COB LED strip to controller.

Step-4: Connect the COB LED strip to the power supply, and use the remote to adjust.
Just enjoy your perfect light experience!

- ▶ Check and test each component before installation to ensure that the product is functioning properly.
- ▶ Please investigate each component if any abnormal operation is found after installation. A simple troubleshooting list is as follows: (Controller issue) Connect the power adapter directly to the strip light, and the strip light works normally; (Power adapter issue) Connecting the power adapter directly to the strip light, and the light does not light up properly.
- ▶ Please contact PAUTIX customer service support team promptly if there are any remote control or other issues.

Diverse DIY

Note: The connectors are not included in the packaging



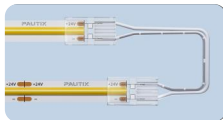
8mm Gapless Connector



8mm L-Shaped Connector



8mm T-Shaped Connector

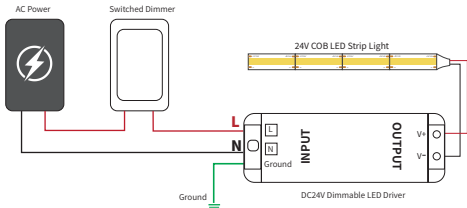


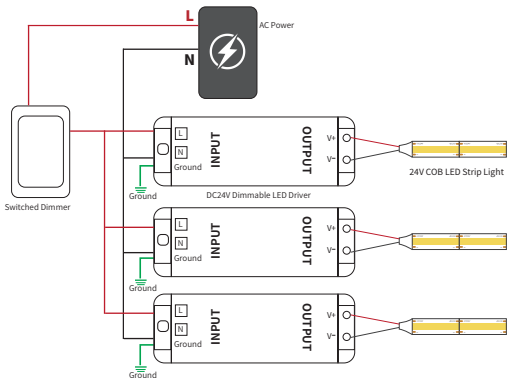
8mm Strip-to-Wire Connector

- ▶ Please select the correct connector to connect the strip light.
- ▶ The electrodes of the two strip lights must be consistent when connected/welded.
- ▶ PAUTIX recommends that you consult a professional electrician or PAUTIX customer service support team, otherwise damage caused by personal reasons will no longer be covered by warranty.

Advanced Application

The dimmable LED driver is not included in the packaging.

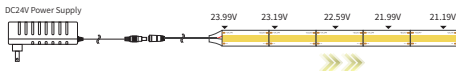




- ▶ Please select a **24V** dimmable LED driver with an output power that is at least **20%** greater than the power of the strip light.
- ▶ Be sure to consult a professional electrician for installation.

What is Voltage Drop?

Example



The longer the length, the greater the voltage drop.



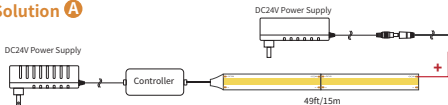
Almost no voltage drop



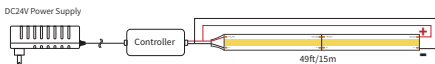
Obvious voltage drop

- Voltage drop is a normal physical phenomenon. All low-voltage strip lights will generate a voltage drop. It is manifested as the brightness at the tail end will get dimmer as the length of the strip light increases in single feed.
- The longer the length, the more significant the voltage drop will be.
- Generally, a significant voltage drop will occur when the length of a strip light exceeds **10 meters(32.8 feet)**.

Solution A

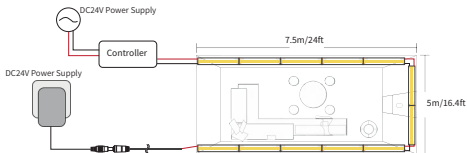


Solution B

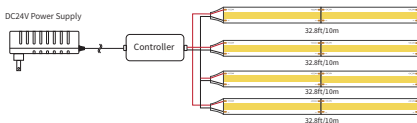


- The power supply and controller in the example must be replaced with higher output power, as the power supply provided in each kit only meets the power of the strip light inside the kit.

Application

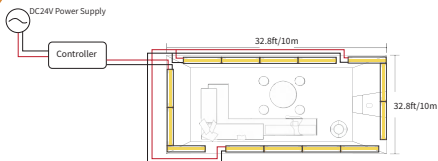


Solution C



- The power supply and controller in the example must be replaced with higher output power, as the power supply provided in each kit only meets the power of the strip light inside the kit.

Application



- We recommend that the length of each strip light should not exceed 10 meters in parallel connection.
- The specifications of the main wire should use a larger size when the length of the connected wire is too long (5 meters).
- The output power of the power supply and controller should be at least **20%** higher than the power of the strip light.

Troubleshooting

▶ The adhesive tape is not strong enough.

- Make sure the installation surface is clean and dry.
- Firmly press over the strip after sticking.
- Reinforce the installation via more clips and tape.

▶ Is the strip light uncontrolled/automatically turned on or off?

- The RF controller may be affected by interference from other RF remote control signals. You can try pairing your RF remote control with the controller. The specific operation method can be found in the controller manual or product page, or contact the PAUTIX customer service support team for assistance.

▶ Is one or several LED segments on the strip light broken/not working when you received?

- The strip light may be damaged by external compression/collision, but you can contact the PAUTIX customer service support team to help you repair the strip light.

▶ More unknown questions?

- Please contact the PAUTIX customer service support team for rapid help or product replacement.

Customer Service

Contact Us:

- 1) "Contact us via Amazon: Go to Your Orders > Select item > Contact Seller";
- 2) "Ask a question" link on amazon product detail pages;
- 3) Customer Service: **support@pautix.com**

 **Warranty: 6-Year** Limited Warranty

 **Support: Lifetime** Technical Support