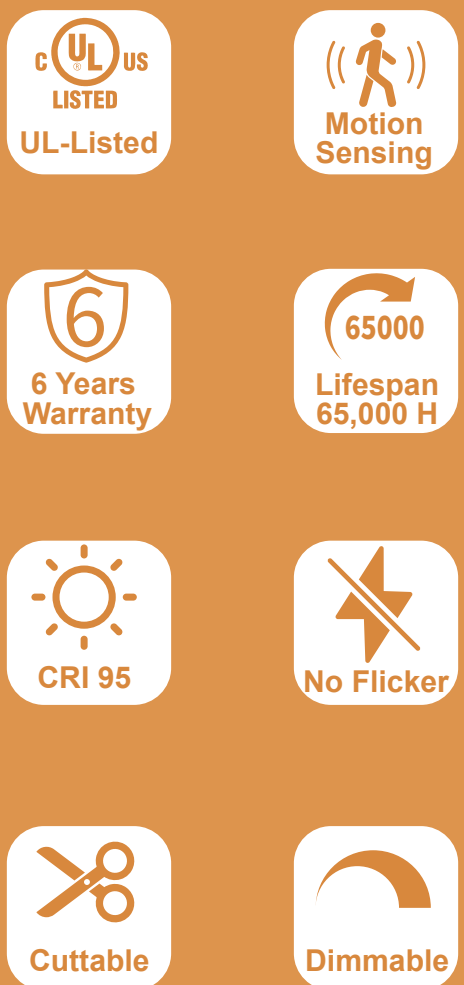
PALITIX

Professional COB LED Lighting Brand

User Manual

PIR Sensor
COB LED Strip Light



Catalogue

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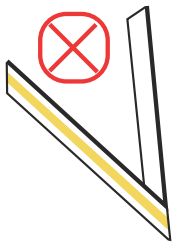
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Safety & Warnings

- 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!



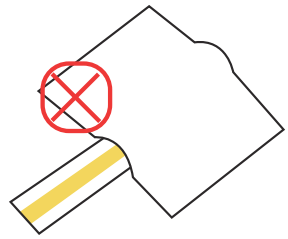
DO NOT
bend at sharp angles



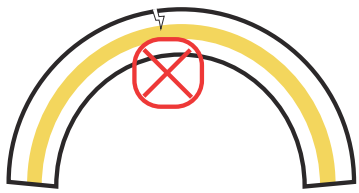
DO NOT
squeeze/hit violently



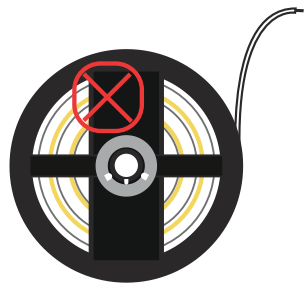
DO NOT
twist the strip



DO NOT
cover the strip



DO NOT
bend on a horizontal plane



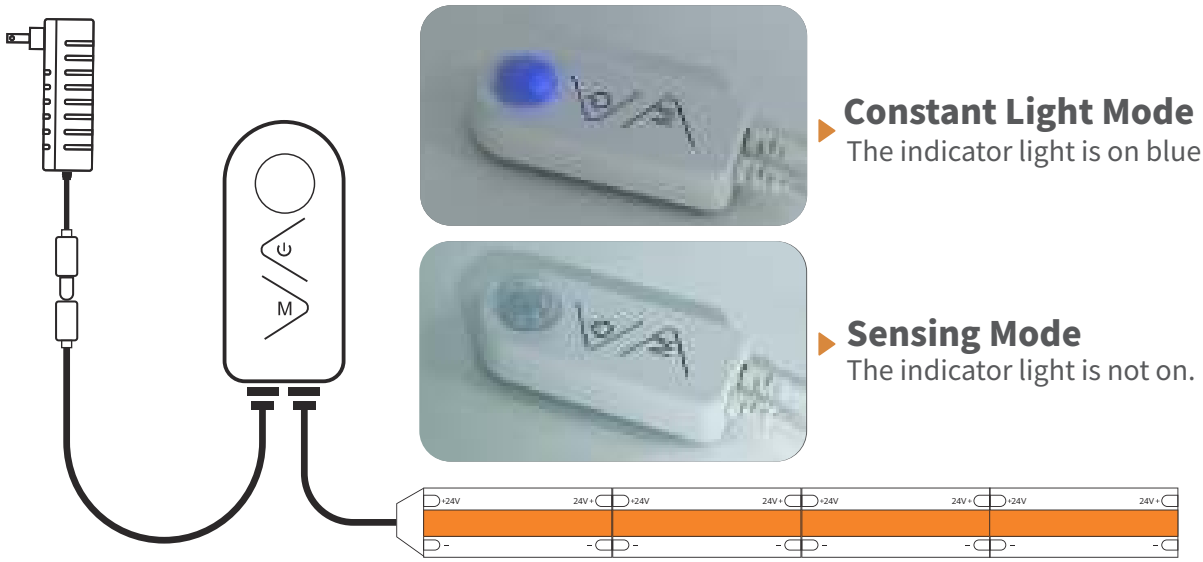
DO NOT
power on when the strip is on spool

Technical Information

Type	COB LED
Class	Professional/Engineering
Input Voltage	DC 24V
Rated Power	Reference Packaging Labels
Width	8mm
Length	Reference Packaging Lables
Feature	Motion Activated
Cutting Unit	Every 1.97in(50mm)
Dimmable	Yes
Sensing Range	120°
Sensing Distance	16.4ft(5m)
Certification	UL Listed, CE, Rohs
Environment	Indoor, Dry
Lifespan	65,000 Hours

Specifications subject to change without notice.

Key Description



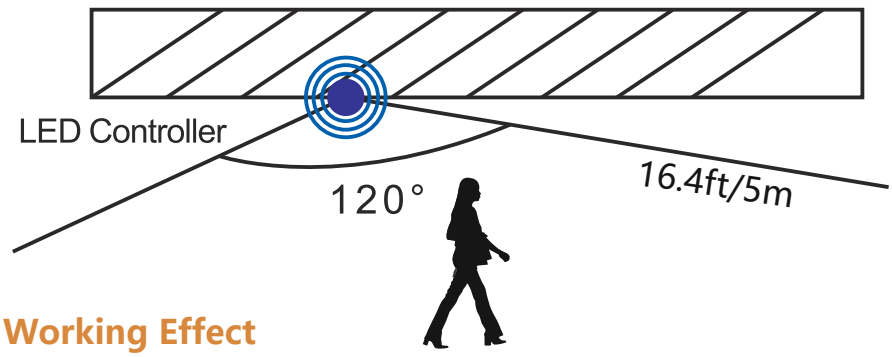
Constant Light Mode
The indicator light is on blue.

Sensing Mode
The indicator light is not on.

⏻: Short press to turn ON/OFF the light, long press to adjust the brightness. Long press each time to cycle between dimming and brightening. Press and hold until you reach the desired brightness and then release the button.

M: Press once to switch modes (Sensing mode/Constant light mode).

PIR Sensor Mode



Sensor Working Effect

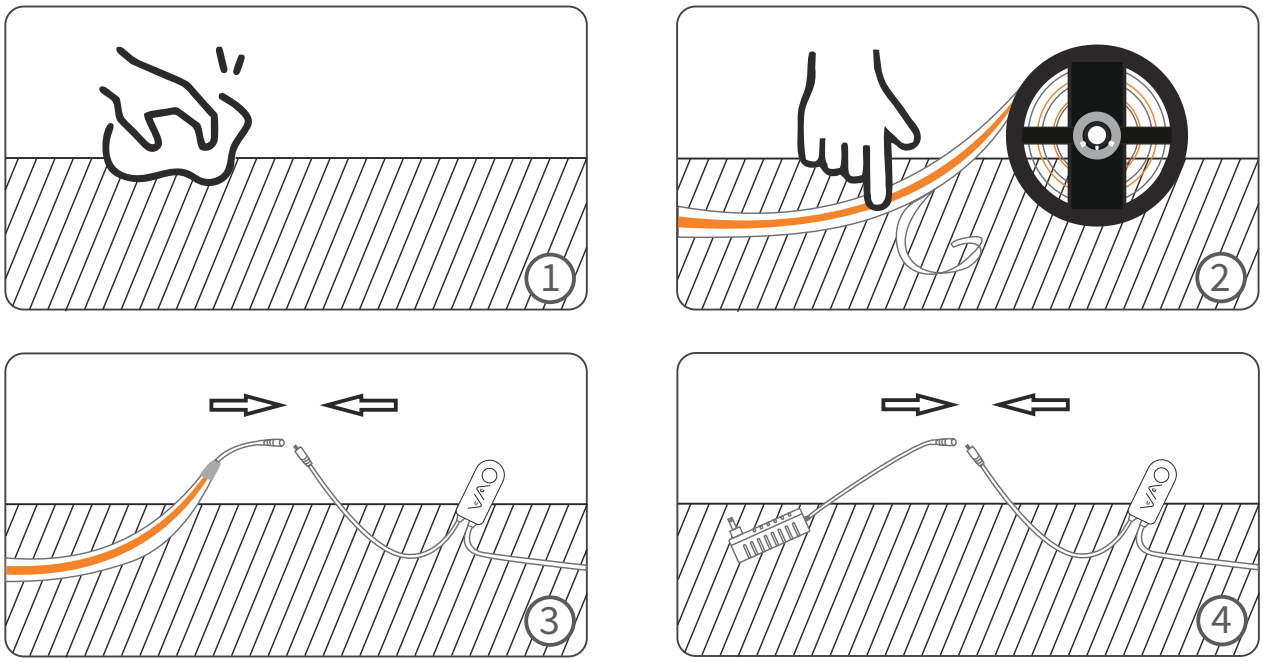
When someone approaches, the light will automatically turn on; when someone leaves, the light will turn off after a delay of 30 seconds.

Sensor Activation Conditions ▼

Sensing Range/Angle: 120 °	**Sensing Distance:** 16.4 ft/5m

⚠ Ensure that there are no obstructions in front of the sensor.

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)

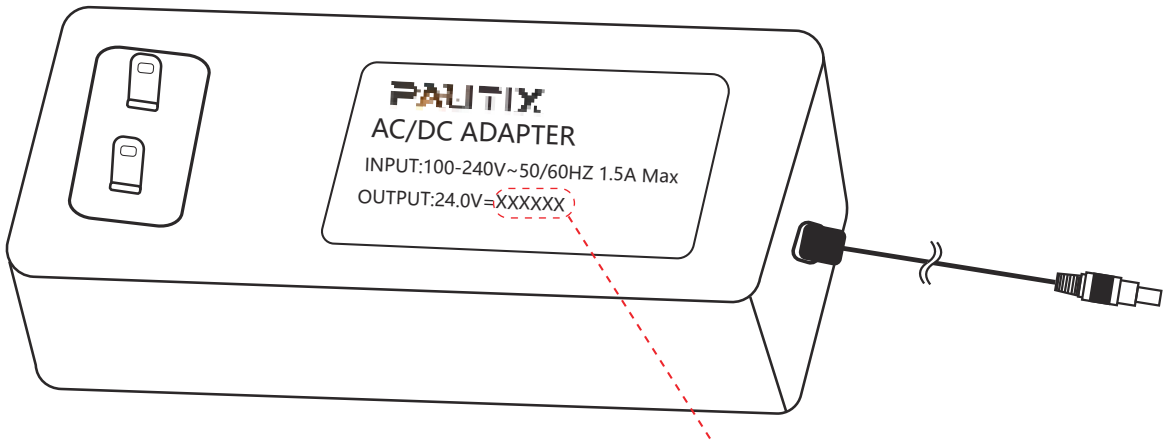
Step-2: Tear off the back tape and paste the strip to the surface smoothly.

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

Step-4: Connect the COB LED strip to the power supply,and long press the ON/OFF button to adjust the brightness.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 sensing controller or other issues.

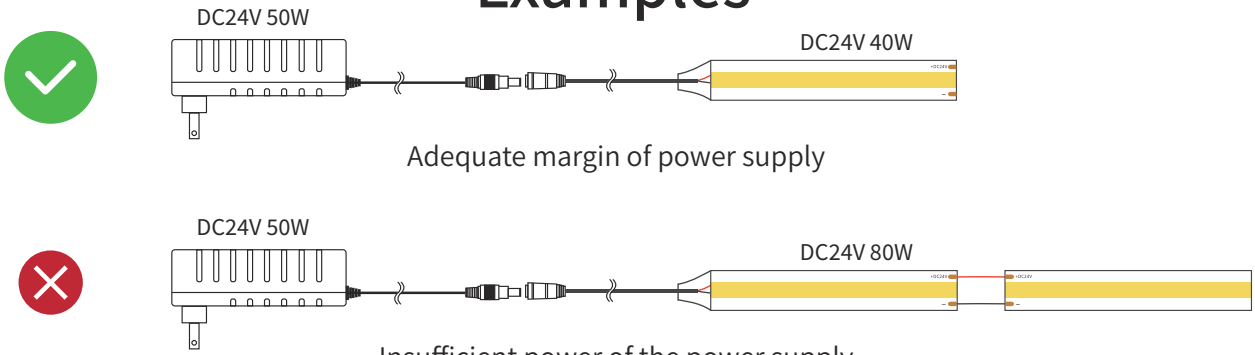
About Power Supply



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

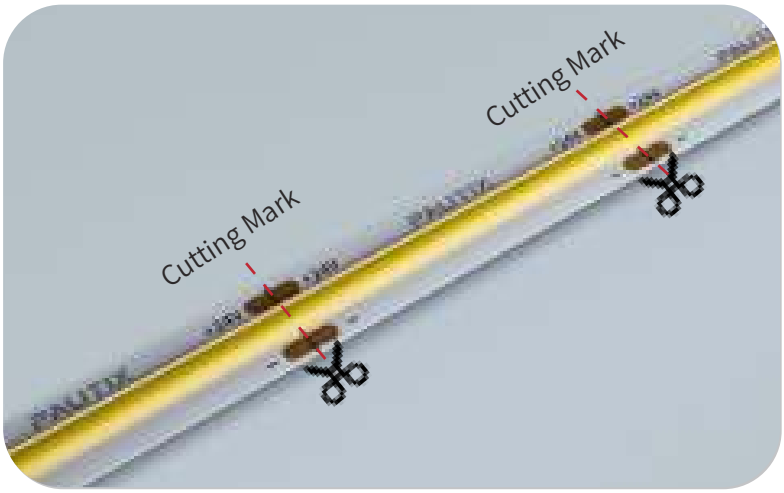
(The power supply in each kit is provided based on the power of the strip lights.)

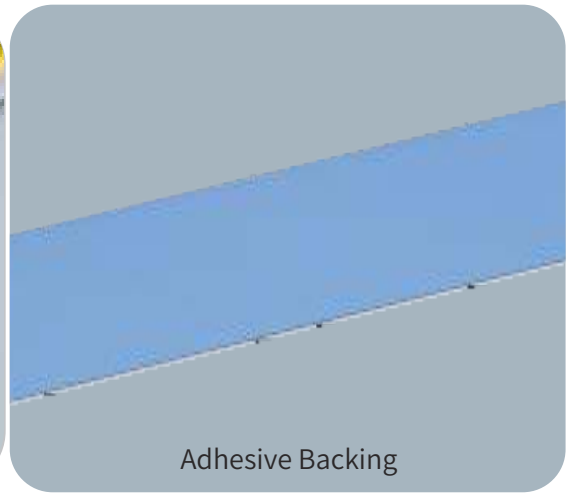
Examples

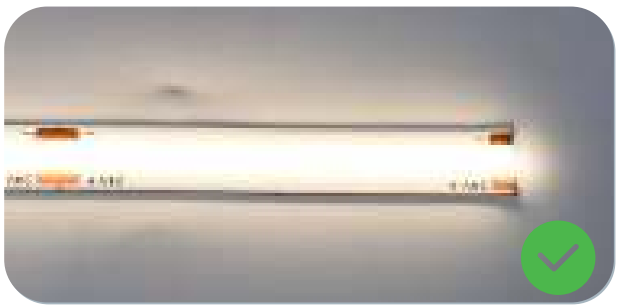


- The power supply in each kit is only sufficient for the strip lights in its kit.
- Please replace the 24V power supply with a larger output power when connecting more strip lights.
- PAUTIX recommends that you consult a professional electrician or PAUTIX customer service support team if you don't know 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.**

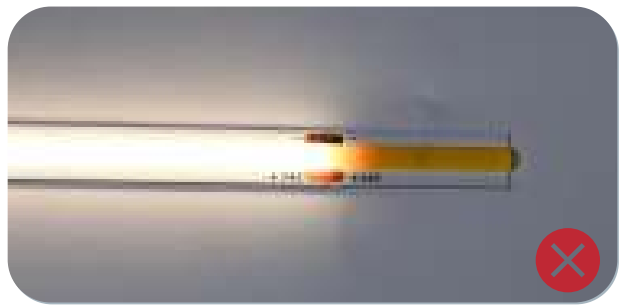
About the Strip Light



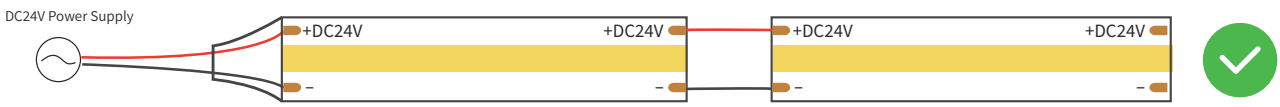




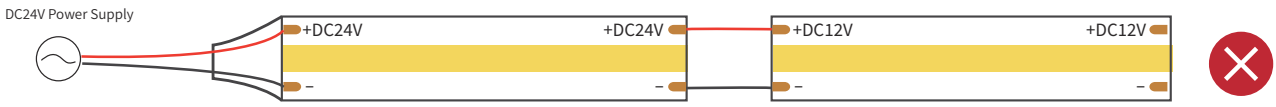
Cut at the cutting mark



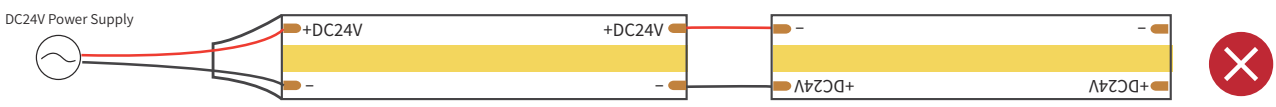
Wrong cutting



Correct connection



Inconsistent voltage

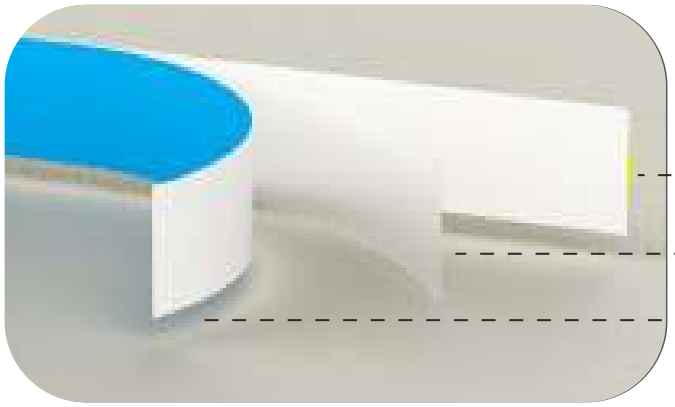


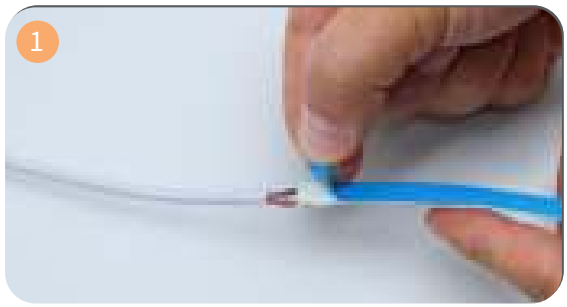
Inconsistent electrodes

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

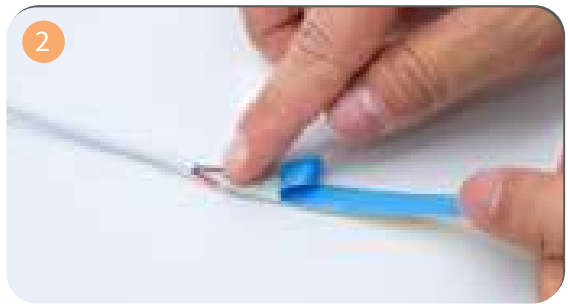
About Adhesive Backing

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

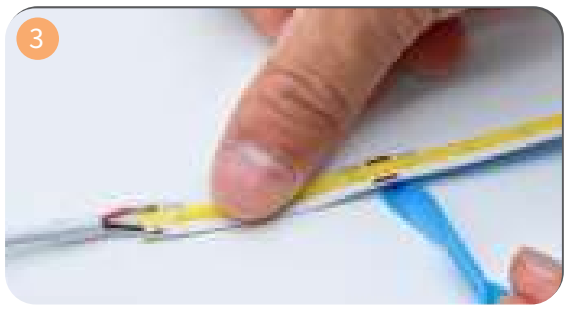




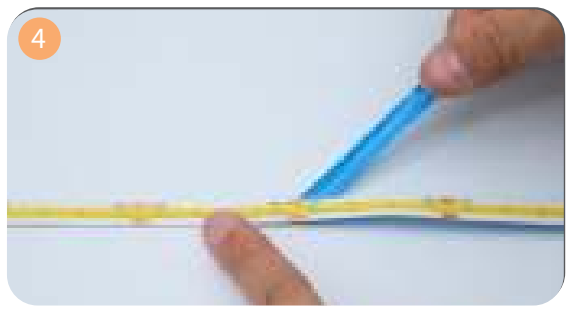
Tear off a small portion of backing film



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

Adhesive is not sticky?(Torn off by mistake or without adhesive)



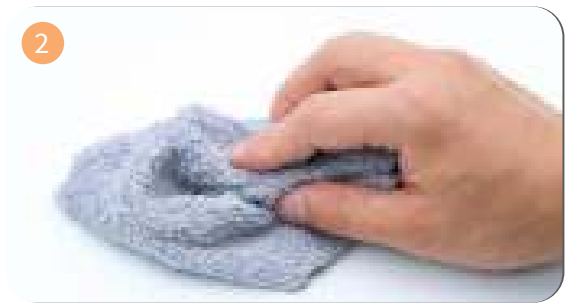


⇨ The adhesive has been torn off by mistake

Solution



Use additional double-sided tape



Wipe the surface of the object



Paste double-sided tape



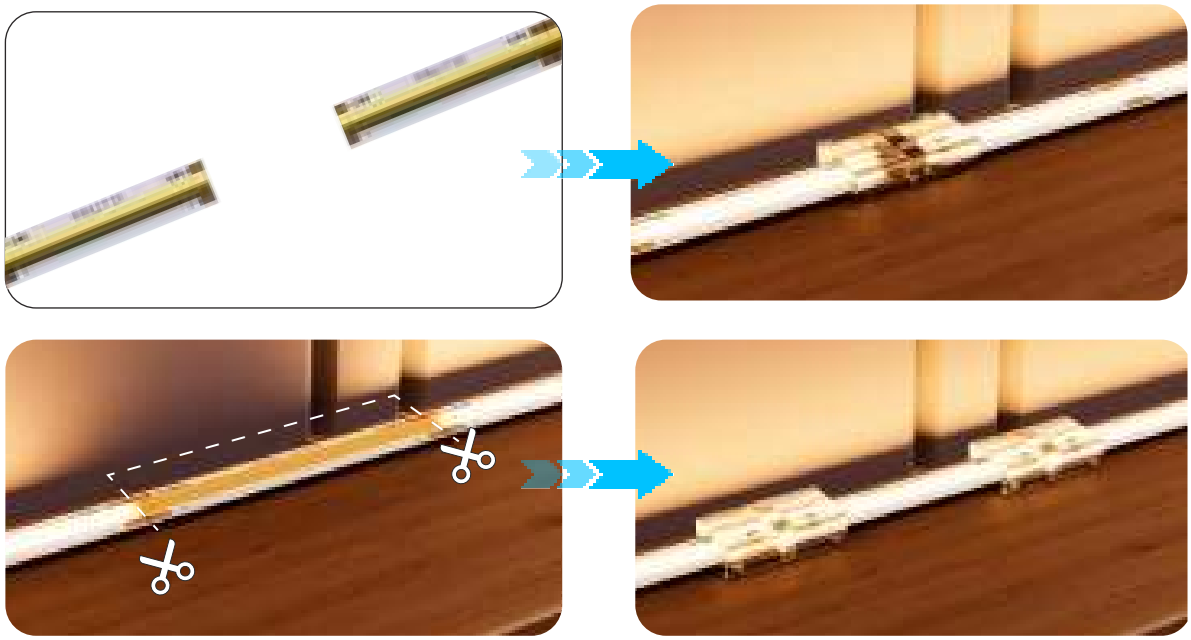
Install strip lights

Packing List

- COB LED Strip Light • 1
- Controller with Sensor • 1
- Power Adapter • 1
- Connector Kit • 1
- User Manual • 1
- 2M DC Extension Cable • 1

Connector Instructions

Note: The connector kit is only used for repairing or reconnecting strip lights.



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 use connectors inside the box to repair or reconnect the strip lights.

Installation Steps

STEP 1



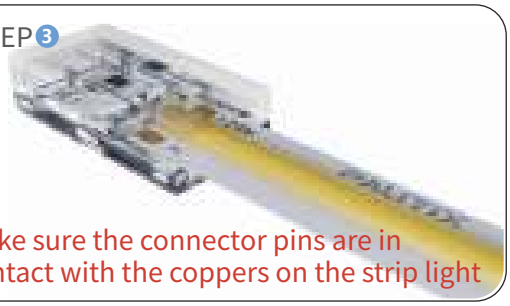
Open the connector buckle

STEP 2



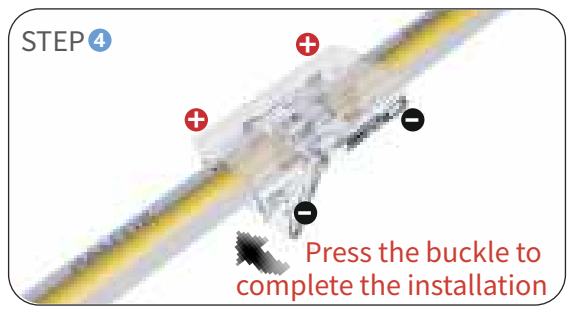
Insert the strip light into the connector

STEP 3



Make sure the connector pins are in contact with the coppers on the strip light

STEP 4

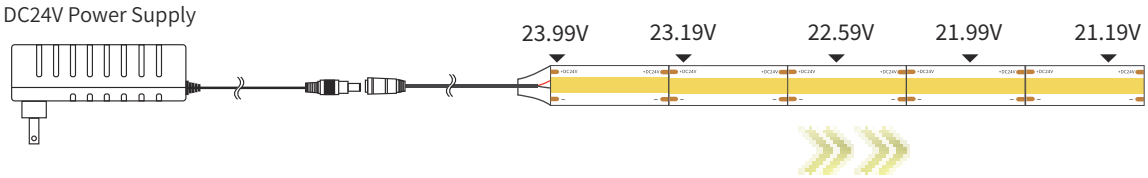


Press the buckle to complete the installation

- The electrodes of the two strip lights must be consistent when connected/welded.

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)**.

▶ **We do not recommend extending the strip lights. Please contact PAUTIX customer service support team if you need to extend 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.

Does the sensing function not work?

- Check and confirm that the sensing range is within a 120 degree angle from the front of the sensor and there are no obstructions, and ensure that the straight-line distance from the sensor is within 16.4 feet. Please contact PAUTIX customer service support team for further assistance.

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

Made in China