

INSTALLATION GUIDE

24V COB LED STRIP LIGHT KIT

PLED-CSTR-24V-RGB

IMPORTANT: When using electrical equipment, basic safety precautions should always be followed as below:

READ AND FOLLOW BELOW SAFETY INSTRUCTIONS

1. To reduce risk of electric shock, turn off power before installation or servicing.
2. This luminaire must be installed in accordance with local and National Electrical Code (N.E.C). If you are not familiar with these codes and requirements please consult a qualified electrician.
3. Verify the availability of necessary tools and incidental materials.
4. A 24V DC isolated power supply must be used to operate the LED Strip Light. This product must be powered with a compatible Class 2 DC Constant Voltage LED Driver (power supply).
5. To avoid damaging the Strip Light, do not bend the Strip Light past a diameter of 60 mm or less.
6. The Strip Light must be handled with care. Excessive handling, bending, and pressure may damage the product.
7. Always disconnect the LED Strip Lights from the power source before cutting or connecting.

UNPACKING: Thoroughly inspect the light for freight damage. Freight damage should be reported to the delivery carrier

INSTALLATION

PACKAGE CONTENTS: 1 x 16.4 ft RGB COB Strip Light, 1 x Power Supply, 1 x Remote

INSTALLATION: Ensure the surface is clean, dry, and smooth before installing the Strip light.

Remove adhesive backing from strip then press firmly into place, smoothing the adhesive strip against the installation surface.

CUTTING THE STRIP LIGHT: If you choose to cut the LED Strip Light, ensure the Strip Light is disconnected from power source before cutting the strip.

Carefully cut the LED Flex strip where shown by the dashed line. Failure to cut the strip along the dashed line could result in injury or product damage.

This Strip Light can only be cut every 2.6 in.

VOLTAGE DROP: Voltage drop is the normal loss of voltage that occurs as current flows along a wire connection in low voltage systems which can lead to a gradual lower lumen output, and general reduction in light quality. Wire length, thickness, and wattage can influence the amount of voltage drop that occurs. If connecting multiple Strip Lights, connecting more than 22.96 ft is not recommended due to voltage drops that lead to gradual lower lumen output along the Strip Light.

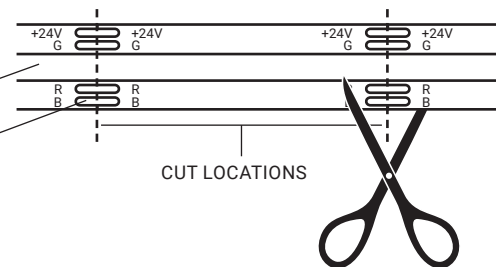
REMOTE CONTROL: Remove transparent film from the bottom of the remote to ensure the battery is powered properly.

Remote will work within 26 feet of the IR receiver. Receiver has a sensing angle of 120°.

Press any DIY button (7) to enter a custom color. Use the RGB up/down buttons (6) to increase or decrease the intensity of the red, green, or blue LED elements to create the preferred color. Press the button again to leave DIY mode. The strip will save the color and it will be recalled when the associated DIY button is pressed again.

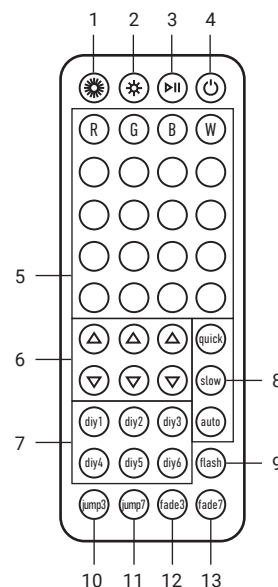
CUTTING THE STRIP LIGHT

LED ELEMENTS AND DIFFUSER
EXPOSED POWER TERMINALS

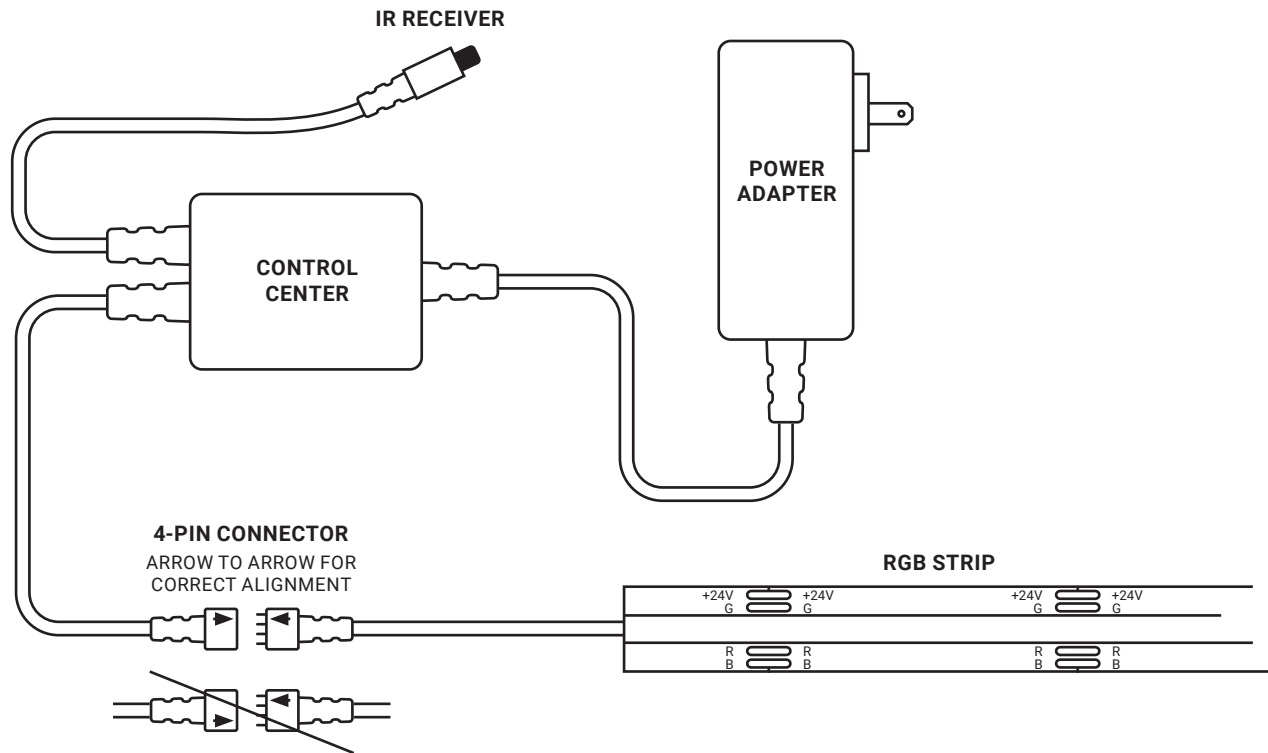


REMOTE CONTROL FUNCTIONS

1. INCREASE BRIGHTNESS
2. DECREASE BRIGHTNESS
3. PAUSE/CONTINUE
4. ON/OFF
5. LED COLOR SELECTION
6. INCREASE/DECREASE RGB
7. CUSTOM (DIY) COLORS MEMORY
8. SPEED CONTROLS FOR JUMP, FADE, AND FLASH MODES
9. FLASH ON/OFF
10. JUMP 3 COLORS
11. JUMP 7 COLORS
12. FADE 3 COLORS
13. FADE 7 COLORS



CONNECTION DIAGRAM



TROUBLE SHOOTING

LED STRIP LIGHT DOES NOT TURN ON

1. Ensure the power supply is turned on and receiving power.
2. Confirm you have maintained correct polarity (+ to + and - to -) when joining the LED Strip/Tape as well as when they are connected to the control center.
3. Ensure that the output voltage of the Driver matches the input requirement of the LED Strip Light.
4. Check all LED connections, and ensure accessories are properly used.

ONLY PART OF THE LED STRIP LIGHT IS LIT

1. Check the connection and ensure accessories are properly used on the area of the Strip Light that is not lit up.
2. Confirm you have maintained correct polarity (+ to + and - to -) when joining the LED Strip/Tape as well as when they are connected to the control center.
3. If part of the LED Strip is accidentally damaged you may cut and remove that section and connect the remainder of the Strip Light together.

LED STRIP LIGHT IS BLINKING

1. Ensure a compatible driver is being used, a 24V driver is required.