LEDLITE™ ⓘ User Instructions

LTCT5CCT - COB LED Strip Light Kit 5m CCT (2700K-6500K)

Please read these instructions and retain them for future reference.

Important information

It is recommended that the strips are installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations & local building control.

These products are designed for connection to a 110-240V mains supply.

Product Overview

This COB LED strip features high-density 608 LEDs per meter, ensuring smooth and uniform lighting. With a high Color Rendering Index (CRI>90), it delivers vibrant and accurate colors. The dual CCT allows you to switch between warm white and cool white tones. Each roll is 5 meters long, making it ideal for both decorative and functional lighting applications.
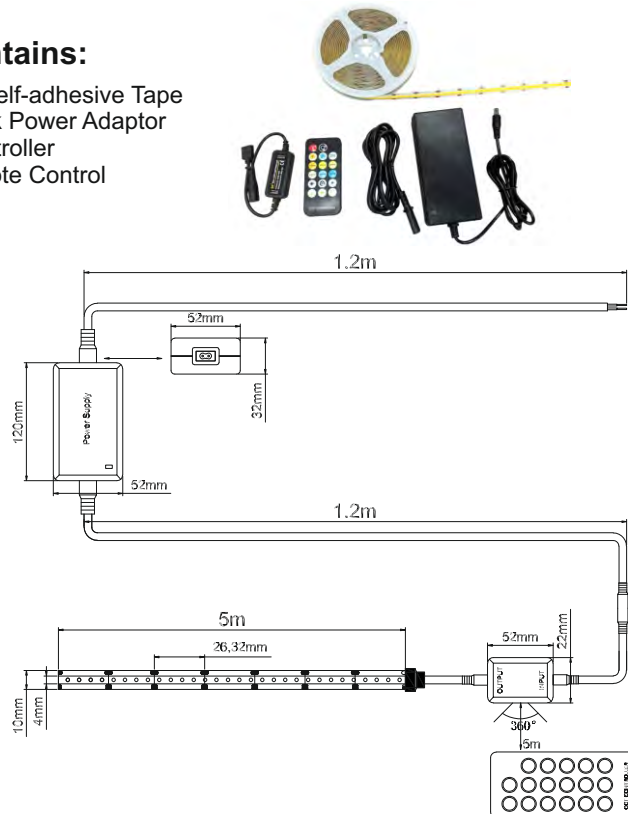
Specifications:

- Input: 110-240 V/AC, 50/60 Hz
- Output Voltage: DC 24V
- Power: 7+7W/m
- Adapter: DC 24V, 2A, 28W
- Strip Length: 5m
- Strip Width: 10mm
- IP Rating: IP20
- Self-adhesive Tape for Easy Installation

- Cut to size in 2.63cm intervals
- 608 LEDs/m (W+WW)
- Luminous Flux: 600-650lm/m
- CCT (2700-6500K)
- CRI>90
- Dimmable RF MiniLED Controller
- Control Type: Remote
- Working Temperature: -25^{0}C~40^{0}C

Package Contains:

- 1 x 5m Reel of Self-adhesive Tape
- 1 x 24V/DC Desk Power Adaptor
- 1 x RF CCT Controller
- 1 x 17 Key Remote Control

Dimensions:

Installation Instructions:

1. Precautions:

Electrical Safety:
  - Always use a power supply with the correct voltage and wattage. Overloading can damage the strip or cause safety hazards.
  - Do not expose the strip or power supply to water or moisture; it is IP20 for indoor use only.

Heat Management:
  - COB LED strips generate heat. Avoid installing them in enclosed spaces without proper ventilation.
  - Do not cover the strip with insulating materials.

Handling and Cutting:
  - Cut the strip only at the designated cutting points to avoid damaging the circuitry.
  - Handle the strip gently to prevent breaking the LEDs or copper traces.

Lifespan and Maintenance:
  - To maximize lifespan, avoid exposing the strip to extreme temperatures or direct sunlight.
  - Regularly check the connections and adhesive to ensure the strip remains securely in place.

2. Preparation:

  - Ensure the power is turned off before installation.
  - Clean the surface where the LED strip will be installed to ensure proper adhesion.
  - It is strictly prohibited to twist or bend the strip at sharp angles or over short distances. The minimum recommended bending radius is 30 mm.

CAUTION – Twisting, pressing on LEDs, over-bending the strip, cutting at non-cut points, incorrectly powering the strip will invalidate the warranty.

3. Cutting the tape:

  - Measure the required length needed and use sharp scissors cut the strip only at the marked cutting points (Fig. 1).
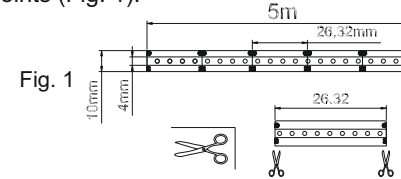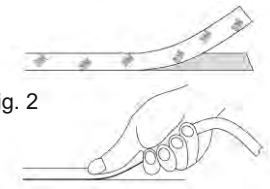

Fig. 1

Fig. 2

4. Tape fitting:

  - Peel off the adhesive backing and carefully stick the strip onto the desired surface.
  - For better adhesion, press firmly along the entire length of the strip(Fig. 2).
  - Avoid bending the strip at sharp angles (recommended bending radius > 30 mm).

5. Connecting the Power:

  - Connect the strip to the supplied adaptor.
  - Use connectors or solder the wires securely to the strip's contact points.

Control the tape using the IR remote control (remember to remove the battery plastic tab first).

IR Remote Control Functions:

- Control Distance: up to 5m
- Mode selector button
- Brightness and speed adjustments
- Battery Type: CR2025 (included)
- Replacing the Battery:

Push   Open