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BTF-LIGHTING FCOB LED Strip Light User Manual

Model: FOB2M5V320LW30

1. PRODUCT OVERVIEW

The BTF-LIGHTING FCOB LED Strip Light provides uniform, high-density illumination with a natural white 4000K color temperature. This USB-powered strip is dimmable and features a high CRI of 90+ for accurate color rendering. Its flexible and cuttable design allows for versatile indoor applications.



This banner image presents the BTF-LIGHTING DC5V USB Powered COB LED Strip Light, emphasizing its dimmable and flicker-free eye-caring features.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x FCOB LED Strip (6.56FT / 2 meters) with integrated USB cable and 3-key dimmer controller
- 3x LED Strip Fixed Clips

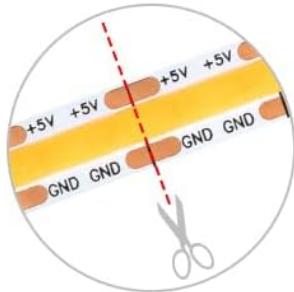
3. SETUP AND INSTALLATION

3.1 Surface Preparation

- Ensure the installation surface is clean, dry, and smooth for optimal adhesion.
- This product is designed for **indoor use only** and is not waterproof (IP30 rated).

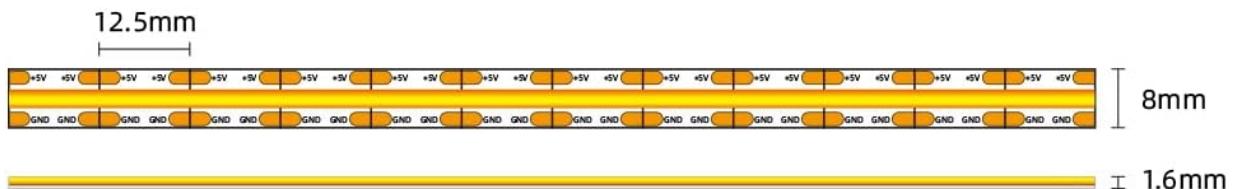
3.2 Attaching the LED Strip

1. Peel off the backing from the double-sided tape on the back of the LED strip.
2. Carefully press the strip onto the desired surface, ensuring firm contact along its entire length.
3. For added security, use the provided LED Strip Fixed Clips at regular intervals or at corners.



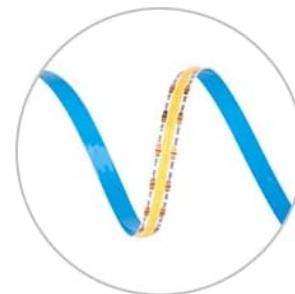
Cuttable

The rest LED strip can work normally.
It can be bent and folded into any shape you want.



Flexible

It can be bent and folded into any shape you want



Double-sided Tape

Strong double-sided Tape for easy installation

This image highlights key features of the LED strip: it is cuttable at marked intervals (12.5mm), highly flexible for various shapes, and includes strong double-sided tape for easy installation.

3.3 Cutting the LED Strip (Optional)

- The LED strip can be cut at designated marks (approximately every 12.5mm) to fit specific lengths.
- Always cut along the marked lines to avoid damaging the circuit. The remaining portion of the strip will function normally.

3.4 Power Connection

- Connect the USB plug to a compatible 5V USB power source. This can include a phone charger, USB hub, USB outlet, power bank, computer USB port, or TV USB port.

- The power cable length is approximately 5 feet (1.5 meters), with 37 inches (95cm) to the controller and 18 inches (45cm) from the controller to the strip.



This image displays the BTF-LIGHTING FCOB LED strip, highlighting its USB power connector and the integrated 3-key dimmer controller. The controller allows for power on/off and brightness adjustments. Various USB power sources like desktops, laptops, power banks, and phone chargers are illustrated as compatible.

Ra90+ True Colors

See Everything in Real Light

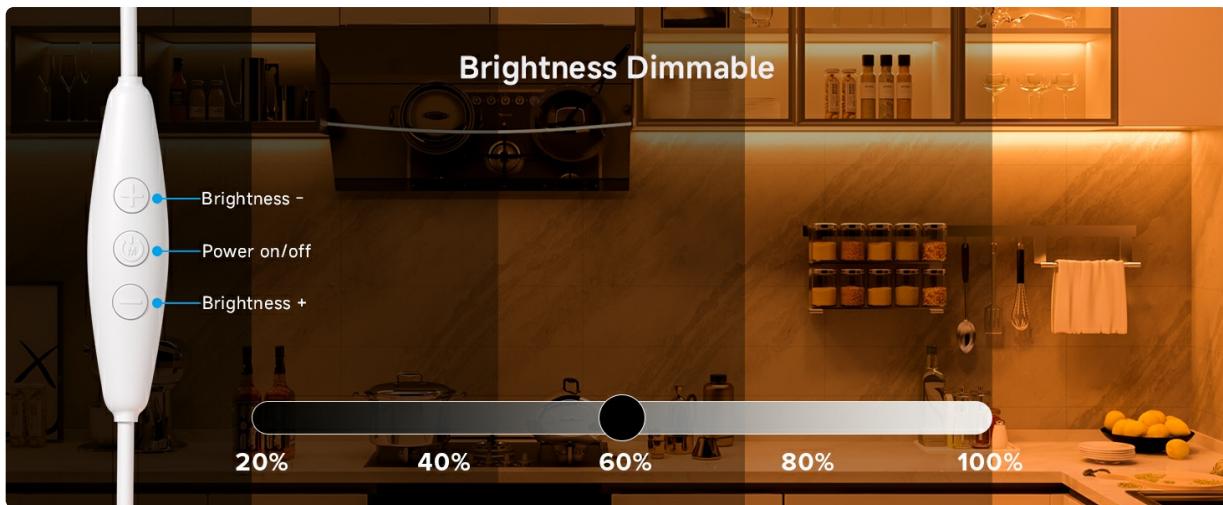


This image details the power cable length (4.9FT total, 37 inches to controller, 18 inches from controller to strip) and reiterates compatibility with various USB power sources like desktops, laptops, power banks, and phone chargers.

4. OPERATING INSTRUCTIONS

The LED strip is controlled by a 3-key dimmer located on the power cable:

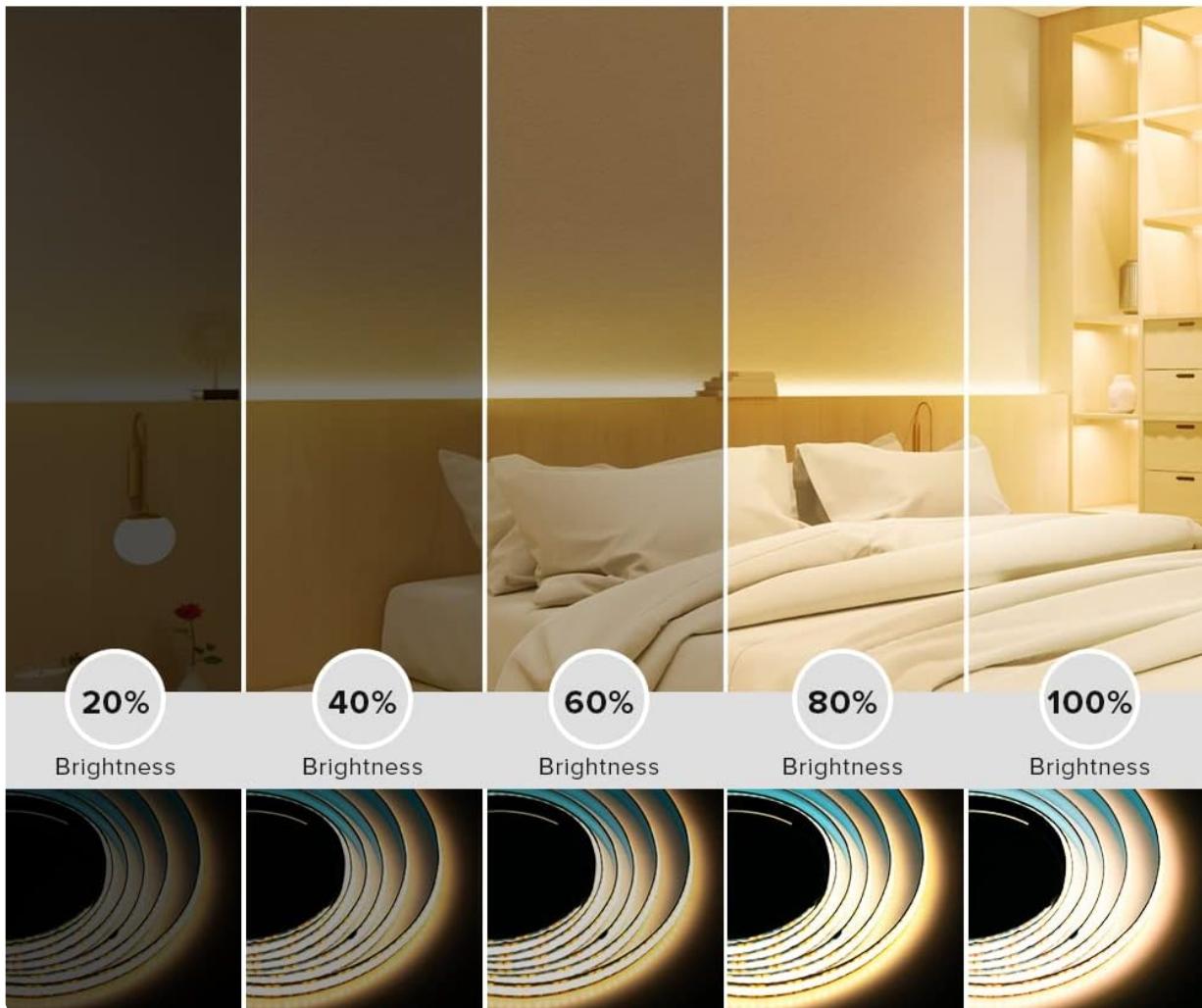
- **Power On/Off Button (Middle):** Press once to turn the LED strip on or off.
- **Brightness + Button (Top):** Press to increase the brightness level. There are 6 adjustable brightness levels.
- **Brightness - Button (Bottom):** Press to decrease the brightness level.



This image shows the 3-key dimmer controller with a visual representation of brightness adjustment from 20% to 100%, demonstrating how to control the light intensity.

Brightness Dimmable

5 levels of adjustable brightness.



This image demonstrates the five adjustable brightness levels (20%, 40%, 60%, 80%, 100%) of the FCOB LED strip, illustrating its dimmable functionality for various lighting needs.

Your browser does not support the video tag.

This video demonstrates the BTF-LIGHTING FCOB LED strip, showcasing its USB power connection and the functionality of the 3-key dimmer controller for adjusting brightness and power.

5. MAINTENANCE

- **Cleaning:** Gently wipe the LED strip with a soft, dry cloth to remove dust. Do not use harsh chemicals or abrasive materials.
- **Safety:** The LED strip operates on DC5V low voltage, making it safe for use. Ensure it is used in dry indoor environments only.
- **Lifespan:** The FCOB LED strip is designed for a long lifespan of over 65,000 hours under normal operating conditions.

6. TROUBLESHOOTING

- **Light does not turn on:**

- Check if the USB plug is securely connected to a functioning 5V power source.

- Ensure the power button on the 3-key dimmer controller has been pressed.
- If using with a timer switch, note that the power button on the controller must be pressed manually each time power is restored after a cycle. The strip does not automatically turn on when power is supplied.

- **Light is flickering or inconsistent:**

- Verify all connections are secure.
- Ensure the USB power source provides stable 5V output. Try a different USB port or adapter.

- **LED strip does not adhere well:**

- Ensure the installation surface was clean, dry, and smooth before application.
- Apply firm pressure along the entire length of the strip during installation.
- Utilize the provided LED Strip Fixed Clips for additional support, especially on textured or uneven surfaces.

7. SPECIFICATIONS

Feature	Detail
Model Number	FOB2M5V320LW30
Light Color	Natural White 4000K
Voltage	5 Volts (DC)
Wattage	7W/meter (Total 14 watts for 2 meters)
Length	6.56 FT (200 Centimeters)
LEDs per Meter	320 LEDs/m (Total 640 LEDs)
CRI	90+
Beam Angle	180 degrees
Width	8mm
Special Features	DIY, Cuttable, Dimmable, No Light Spot, USB Dimmer Control, Uniform Light
Indoor/Outdoor Usage	Indoor Use Only (IP30)
Average Life	65,000+ Hours

8. WARRANTY AND SUPPORT

BTF-LIGHTING is committed to providing quality products and customer satisfaction. The FCOB LED strip lights are designed for a long operational life of over 65,000 hours.

For any troubleshooting assistance, replacement inquiries, or questions regarding purchase or installation, please contact BTF-LIGHTING customer service. Our support team is available 24/7 to assist you.

You can also visit the official BTF-LIGHTING store for more information and products:[BTF-LIGHTING Store](#)

