

BRIGHTLUX 0220-0118

BRIGHTLUX RGBIC COB LED Strip Light User Manual

Model: 0220-0118

PRODUCT OVERVIEW

The BRIGHTLUX RGBIC COB LED Strip Light is a versatile lighting solution designed for various indoor applications. Featuring advanced COB (Chip-on-Board) technology, it provides seamless, dot-free illumination with vibrant colors and dynamic effects. This 16.4ft flexible light strip offers extensive customization options, including over 500 lighting modes, custom colors, and a music sync function for an immersive experience.



Image: The complete BRIGHTLUX RGBIC COB LED Strip Light kit, including the 16.4ft light strip, remote control, power adapter, and mounting clips.

Key Features:

- **RGBIC Technology:** Allows for multiple colors to be displayed simultaneously on different segments of the strip, creating dynamic color flow effects.
- **Seamless Illumination:** COB technology ensures a continuous, dot-free light output, providing a smooth and uniform glow.
- **Music Sync Mode:** An integrated microphone synchronizes the light effects with the rhythm of music or sound, ideal for parties and entertainment.
- **Extensive Customization:** Access to over 500 lighting modes, colors, and effects, along with dimmable and timer functions.
- **Flexible and Cuttable:** The strip can be bent and shaped to fit various installation needs and can be cut along designated marks for custom lengths. Rejoinable with provided jumper cables.
- **Easy Installation:** Features 3M adhesive backing for quick application and includes mounting clips and screws for more secure installations.



Image: A visual comparison showing the difference between traditional LED tape light with visible dots and the seamless illumination provided by the COB technology of this light strip.

SETUP AND INSTALLATION

What's Included:

- 16.4ft RGBIC COB LED Strip Light
- 28-Key Remote Control
- 24V Power Adapter
- 1 Jumper Cable
- 10 Mounting Clips/Screws

Installation Steps:

1. **Prepare the Surface:** Ensure the installation surface is smooth, flat, and dry. Clean the area thoroughly to remove any dust or debris that could affect adhesion.
2. **Plan the Layout:** Unroll the LED strip light and plan its desired path. The flexible design allows for bending and shaping.
3. **Cut (Optional):** If a shorter length is required, the strip can be cut along the designated cutting marks. These marks are typically indicated by a copper pad or scissor icon.
4. **Rejoin (Optional):** If you cut the strip and need to reconnect segments or extend the length, use the provided jumper cable. Align the copper contacts on the strip with the pins on the jumper cable connector and secure them.
5. **Attach the Strip:**
 - **Adhesive Method:** Peel off the protective backing from the 3M adhesive tape on the back of the LED strip. Carefully press the strip firmly onto the prepared surface, ensuring even contact.
 - **Mounting Clip Method:** For a more secure installation, especially on textured surfaces or for long-term use, use the included mounting clips and screws. Space the clips evenly along the strip's path and secure them with screws.
6. **Connect Power:** Connect the LED strip to the 24V power adapter. Plug the power adapter into a standard 120V electrical outlet.



Image: The flexible design of the LED strip light allows it to be easily bent and shaped to fit various contours and corners during installation.

OPERATING INSTRUCTIONS

The BRIGHTLUX RGBIC COB LED Strip Light is controlled using the included 28-key remote control. Ensure the remote has working batteries and is pointed towards the receiver on the light strip's controller.

Remote Control Functions:

- **Power On/Off:** Press the **ON/OFF** button to turn the lights on or off.
- **Brightness Adjustment:** Use the **Brightness Up/Down** buttons to adjust the light intensity.
- **Color Selection:** Directly select static colors using the dedicated color buttons (e.g., Red, Green, Blue, White, etc.).
- **Dynamic Modes:** Cycle through various pre-programmed dynamic lighting effects (e.g., chasing, fading, jumping) using the **Mode +/-** buttons.
- **Speed Adjustment:** Adjust the speed of dynamic modes using the **Speed +/-** buttons.
- **Music Sync Mode:** Activate the music sync function by pressing the **Music Sync** button. The lights will react to ambient sound detected by the built-in microphone.

- **Timer Function:** Set a timer for the lights to automatically turn off after a specified duration (e.g., 4 hours, 8 hours). Refer to the remote's specific timer buttons.
- **DIY Colors:** Some remotes allow for custom color mixing by pressing DIY buttons and then adjusting RGB values.



Image: A living room showcasing the wide range of over 500 colors, modes, and effects achievable with the BRIGHTLUX LED strip light.



Music Sync for a Personal Light Show

Image: A gaming desk setup with the LED strip lights installed, demonstrating the music sync feature for a personal light show.

MAINTENANCE

To ensure the longevity and optimal performance of your BRIGHTLUX LED Strip Light, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the surface of the LED strip with a soft, dry cloth to remove dust. Avoid using harsh chemicals or abrasive cleaners.
- **Power Off Before Cleaning:** Always unplug the power adapter from the wall outlet before cleaning the light strip.
- **Avoid Water Exposure:** This product is designed for indoor use and is not water-resistant. Avoid exposing it to water or high humidity.
- **Check Connections:** Periodically inspect all connections (power adapter, strip connectors) to ensure they are secure and free from damage.
- **Handle with Care:** While flexible, avoid excessive bending or sharp folds that could damage the internal circuitry of the LED strip.

TROUBLESHOOTING

If you encounter issues with your BRIGHTLUX LED Strip Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	Power adapter not connected. Power outlet not working. Remote control battery is dead. Strip connection is loose.	Ensure the power adapter is securely plugged into the strip and the wall outlet. Test the outlet with another device. Replace the remote control battery. Check and re-secure all strip connections.
Remote control is not responding.	Remote battery is low or dead. Obstruction between remote and receiver. Remote is too far from the receiver.	Replace the remote control battery. Ensure a clear line of sight between the remote and the light strip's receiver. Move closer to the light strip's receiver.
Lights are flickering or inconsistent.	Loose connection. Power supply issue. Damaged section of the strip.	Check and re-secure all connections. Ensure the power adapter is providing stable power. If a section is damaged, it may need to be cut out and rejoined, or the strip replaced.

SPECIFICATIONS

Attribute	Detail
Brand	BRIGHTLUX
Model Number	0220-0118
Light Source Type	LED (COB)
Light Color	Color and White Settings, RGBIC
Length	16.4 Ft
Power Source	120V Plug In
Voltage	24 Volts
Wattage	36 watts
Controller Type	Remote Control (28-Key)
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Not Water Resistant
Number of Light Sources	150
Item Weight	12.5 ounces

Attribute	Detail
UPC	714176038155

WARRANTY AND SUPPORT

This BRIGHTLUX LED Strip Light product is covered by a**2-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact BRIGHTLUX customer service. Keep your purchase receipt as proof of purchase for warranty validation.

Please refer to the official BRIGHTLUX website or product packaging for the most up-to-date contact information and detailed warranty terms.

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