

Fussion LX20250312-120M

Fussion 400ft Smart RGB LED Permanent Outdoor Lights Instruction Manual

Model: LX20250312-120M

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Fussion 400ft Smart RGB LED Permanent Outdoor Lights. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 8 x 50ft Permanent Outdoor Light Strips (Total 400ft)
- 1 x Power Adapter (3.28ft cord)
- 1 x 4.92ft Extension Cable
- 1 x Control Box
- 1 x Remote Control
- 1 x Screw Mounting Kit
- 1 x User Manual (this document)

Fussion Permanent Lights Package

1 Permanent Outdoor Lights 50ft * 8

2 User Manual * 1

3 Power Adapter * 1

4 Control Box * 1

5 Remote Control * 1

6 Accessories Bag * 1



Image: All components included in the Fussion 400ft Permanent Outdoor Lights package, neatly arranged.

SAFETY INFORMATION

- Ensure the power adapter and all connections are securely sealed and protected from water, especially in outdoor environments.
- Do not attempt to modify or repair the lights or components. Contact customer support for assistance.
- Keep the product away from open flames or high heat sources.

- When installing, use appropriate safety equipment such as ladders and protective eyewear.
- Ensure the power source is within the specified distance (power adapter + extension cable total 8.2ft) to avoid connection issues.

SETUP AND INSTALLATION

1. **Pre-Installation Test:** Before permanently mounting, connect all light strips, the control box, and the power adapter. Plug in the system to ensure all lights function correctly. If any issues arise, contact customer support.
2. **Placement:** Plan the desired layout for your lights. These lights are designed for permanent outdoor installation, typically under eaves or along structures.
3. **Mounting:** The lights feature a dual-fixing mechanism for secure installation.
 - **Adhesive Pads:** Each light unit has an adhesive pad. Clean the mounting surface thoroughly before applying.
 - **Screws:** For enhanced stability and long-term use, especially in humid or windy areas, use the provided screws to secure each light unit. It is recommended to use both adhesive and screws for optimal hold.
4. **Waterproofing:** The entire system, from LEDs to the control box and power supply, is IP67 waterproof. Ensure all connections are tight and waterproof seals are properly seated to maintain this rating.
5. **Power Connection:** Connect the power adapter to the control box, and then to a suitable outdoor power outlet. The total length of the power adapter cord and extension cable is 8.2ft. Ensure your power source is within this range.

Halloween Permanent Outdoor Lights

Make Every Festival Absolutely Spectacular!



Image: Fussion Permanent Outdoor Lights illuminating a house with purple and yellow colors, demonstrating typical installation.

Rich RGB Lighting Effects

Control Permanent Outdoor Light via APP and Remote Control



Image: Fussion Permanent Outdoor Lights set to green and purple for Halloween, highlighting their versatility for holiday decor.

Your browser does not support the video tag.

Video: A demonstration of the Fussion Permanent Outdoor Lights installed on a house, showcasing various color changes and effects, including installation steps and the IP67 waterproof feature. This video highlights the ease of installation and the durable, weather-resistant design.

OPERATING INSTRUCTIONS

Your Fussion Permanent Outdoor Lights can be controlled via a dedicated mobile application or the included remote control.

Mobile App Control

1. **Download App:** Scan the QR code in the user manual or search for the designated app in your device's app store.
2. **Pairing:** Follow the in-app instructions to pair your lights with your smartphone via Bluetooth or Wi-Fi.
3. **Functions:** The app allows for comprehensive control:
 - **Color Selection:** Choose from 16 million color combinations, including various shades of white light.
 - **Brightness Adjustment:** Dim or brighten the lights to your preference.
 - **Preset Scene Modes:** Select from 9 pre-programmed lighting effects for different occasions.
 - **Music Sync:** Synchronize the lights with music for dynamic displays.
 - **DIY Patterns:** Create and save your own custom lighting patterns.
 - **Timers:** Set schedules for the lights to turn on/off automatically.

Remote Control

The included remote control provides quick access to essential functions:

- Power On/Off
- Color Selection (pre-defined colors)
- Brightness Adjustment
- Mode Selection (e.g., flash, fade, jump)
- Speed Adjustment for dynamic modes

Reliable for Outdoor Use

IP67 Waterproof & Durable & Fit for Any Weather

IP67



IP67

Light Strip &
Control BOX



IP67

Power Adapter

Image: The Fussion mobile application interface, demonstrating options for color, brightness, and scene control.



Image: A close-up view of the individual light units, highlighting the convex lens design that creates unique conical light beams on surfaces.

MAINTENANCE

- **Cleaning:** Periodically wipe the light units with a soft, damp cloth to remove dirt and debris. Do not use harsh chemicals or abrasive cleaners.
- **Connection Check:** Annually inspect all connections and mounting points to ensure they remain secure and waterproof.
- **Software Updates:** Check the mobile app regularly for any available software or firmware updates to ensure optimal performance and access to new features.

TROUBLESHOOTING

- **Lights Not Turning On:**

- Check if the power adapter is securely plugged into a working outlet.
 - Ensure all connections between the light strips, control box, and power adapter are firm.
 - Verify the remote control or app is sending the correct power signal.
- **Lights Not Responding to Remote/App:**
 - Ensure the remote control has fresh batteries and is pointed towards the control box's receiver.
 - For app control, check your device's Bluetooth/Wi-Fi connection and ensure the app is updated.
 - Try restarting the control box by unplugging and re-plugging the power adapter.
 - **Inconsistent Lighting/Colors:**
 - Inspect light strips for any visible damage or loose connections.
 - Ensure the power supply is stable and not experiencing fluctuations.
 - **Adhesive Failing:**
 - In humid areas, adhesive alone may not be sufficient. Ensure screws are used for additional security as recommended during installation.

If issues persist, please contact Fussion customer support for further assistance.

SPECIFICATIONS

Model Number	LX20250312-120M
Brand	Fussion
Total Length	400 Feet (8 x 50ft strips)
Light Source Type	LED (RGB)
Light Color	Multicolor (16 Million Colors + White)
Special Features	Blinking, Color Changing, Dimmable, Timer, Music Sync, App Control, Remote Control
Ingress Protection (IP) Rating	IP67 (Waterproof)
Operating Temperature	-22°F to 140°F (-30°C to 60°C)
Lifespan	30,000 hours
Power Source	Power Adapter (Included)
Material	Acrylonitrile Butadiene Styrene

Innovative Lighting Effects

Higher Brightness and Larger Wall - Washing Area



Lens Design



16 Million Color



3-in-1 LED Bead

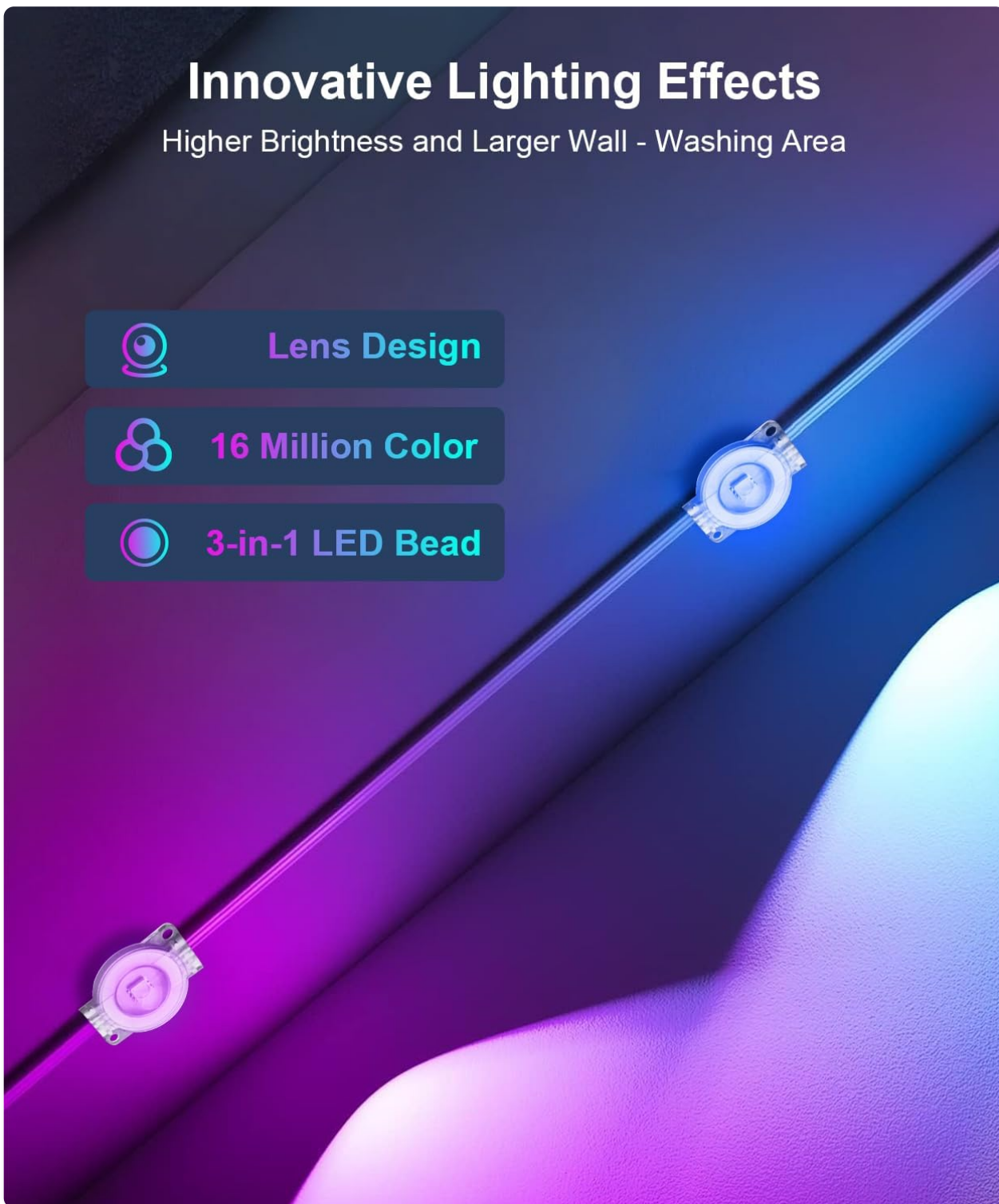


Image: Visual representation of the IP67 waterproof rating, indicating the lights' durability in various weather conditions.

WARRANTY AND SUPPORT

Fussion products are designed for quality and durability. For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official Fussion website. Please have your model number (LX20250312-120M) available when contacting support.

