lemonlovely 2323

lemonlovely Permanent Outdoor Lights Pro

Smart LED Eaves Light 50ft (Model 2323) User Manual

1. Introduction

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your lemonlovely Permanent Outdoor Lights Pro. Please read this manual thoroughly before installation and retain it for future reference.

2. Safety Information

- Always test all LED strings before installation to ensure normal operation.
- Ensure the power supply is disconnected before installation or maintenance.
- Do not cut wires unless you are a qualified professional. If cutting is necessary, ensure wire colors are aligned for one-to-one splicing.
- The string lights are IP67 waterproof, and the control box is IP65 rated. Ensure all connections are secure to maintain water resistance.
- Operate within the specified temperature range of -4°F to 140°F (-20°C to 60°C).
- Keep out of reach of children.

3. Package Contents

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

- String Lights (50ft with 25 IC+RGBCW LED Lights)
- Adapter
- Control Box
- Remote Control
- Screws
- User Manual
- Story Card
- Cable Clips

- Extra Adhesive Pads
- Extension Cable

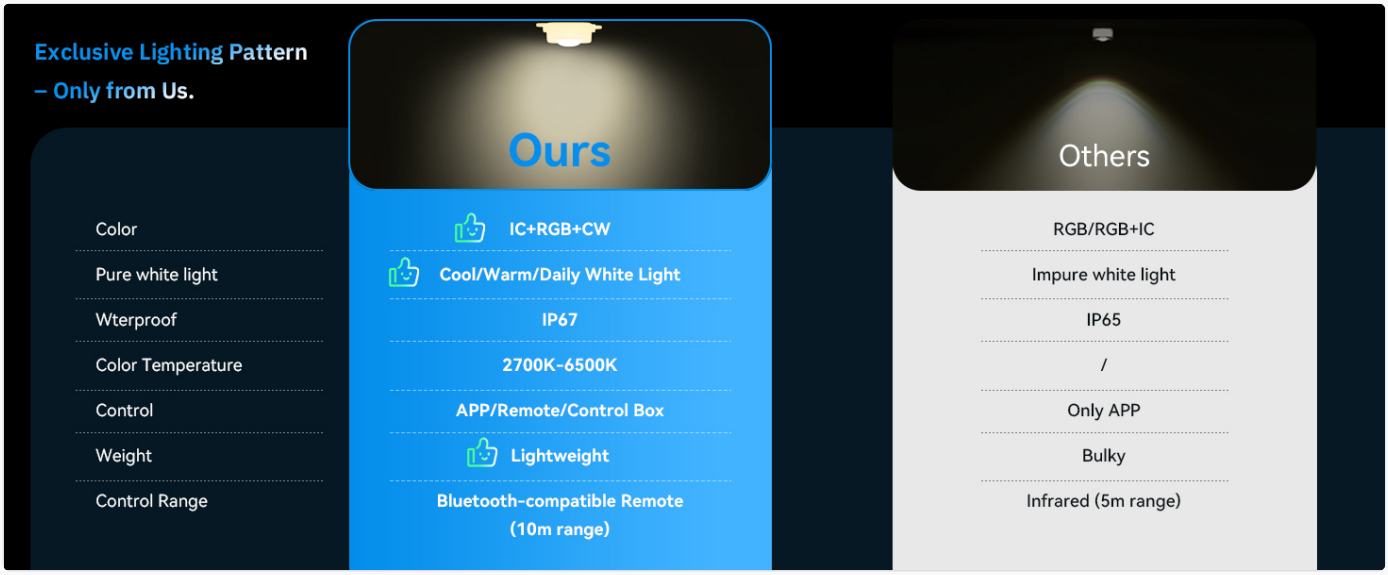


Figure 3.1: Package Contents Overview

4. Setup and Installation

4.1 Pre-Installation Check

- Unpack all components and ensure they are intact.
- Test the lights by connecting them to the power adapter and control box before mounting.
- Plan your installation path along eaves or desired outdoor areas. Mount the lights approximately 2-4 inches away from the wall for optimal lighting effects.

4.2 Mounting the Lights

The lights can be installed using adhesive backing and/or screws for reinforcement.

1. **Clean the Surface:** Ensure the mounting surface (concrete, marble, metal, wood, etc.) is clean and dry before applying adhesive.
2. **Apply Adhesive:** Tear off the VHB gum from the back of each light unit.
3. **Position and Press:** Mount each light string close to the wall and press firmly for 6 seconds to secure the adhesive.
4. **Secure with Screws (Recommended):** For added security and permanent installation, use the included screws through the designated screw holes on each light unit.
5. **Use Cable Clips:** Fasten the included cable clips to each light string for additional stability and neat cable management.



Figure 4.1: DIY Installation Options



Figure 4.2: Step-by-Step Installation Guide

4.3 Connecting Light Segments

If you are using multiple light strings or an extension cable, ensure the waterproof connectors are securely fastened.

1. Align the connectors between light strings or with the extension cable.
2. Push them together firmly.
3. Screw on the protective caps to ensure a waterproof seal.



Figure 4.3: Connection Diagram and Dimensions

5. Operating Instructions

Your lemonlovely Permanent Outdoor Lights Pro can be controlled via a smart app or the included remote control.

5.1 Powering On/Off

Connect the adapter to a power outlet. The lights can be turned on or off using the control box button, the remote control, or the smart app.

5.2 Smart App Control (lemon23 App)

Download the 'lemon23' app from your smartphone's app store. Follow the in-app instructions to pair your lights. The app provides extensive control options:

- **Customizable Colors:** Access 16 million colors and adjust brightness.
- **DIY Modes:** Create and save your own lighting patterns and effects.
- **Holiday Presets:** Choose from 48 pre-set scenes for various holidays like Halloween, Christmas, New Year, Valentine's Day, and more.
- **Timer Schedule:** Set automatic on/off times for convenience.
- **Music Sync:** Lights can synchronize with music played through your device.
- **Segmented Light Control:** Control individual sections of the light string.



Figure 5.1: App and Remote Control Interface

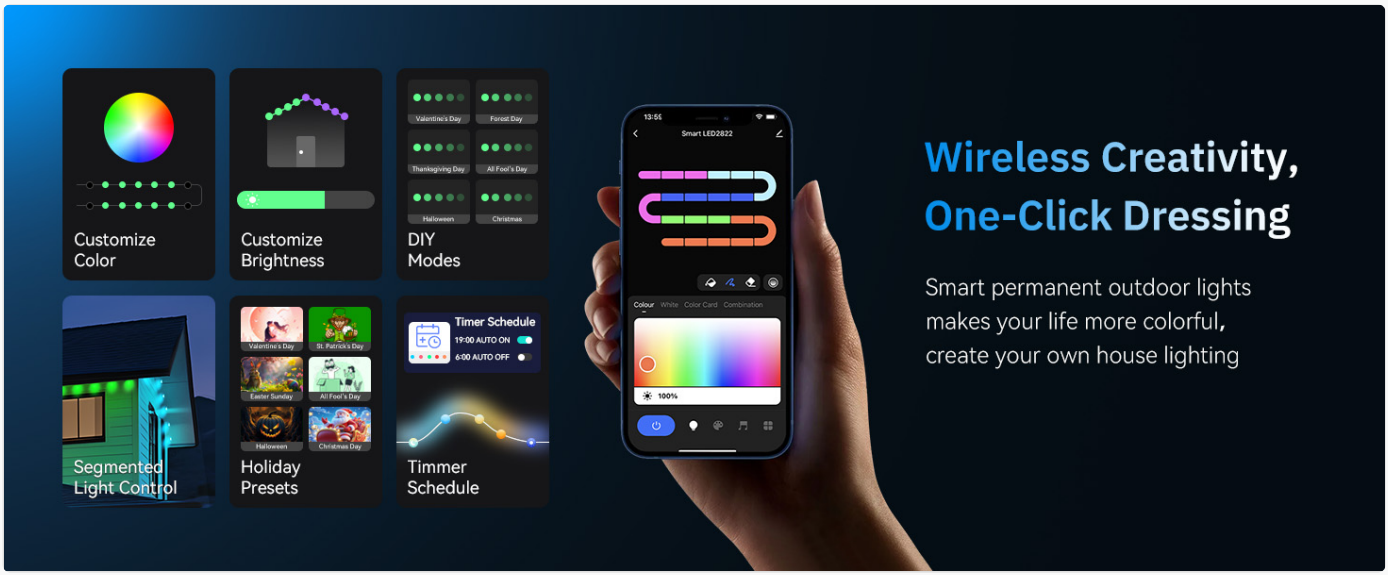


Figure 5.2: Smart App Features for Wireless Creativity



Figure 5.3: Music Mode in Operation

5.3 Remote Control

The included remote control allows for convenient operation from up to 10 meters (32.8 feet) away. It provides quick access to various functions:

- Power On/Off
- Color Selection
- Brightness Adjustment
- Mode Selection (static, dynamic, flashing chase effects)
- Timer Functions

5.4 Enhanced Lighting Effects

The lights feature an upgraded IC-RGB design with cool white and warm white effects, offering 16 million colors and 48 scenes. The anti-glare lens provides better triangular lighting effects.



Figure 5.4: Warm White, Daylight White, and Cool White Lighting Options

5.5 Video Demonstrations

Video 5.1: Demonstration of various lighting effects for Christmas and daily use. This video showcases the smart Christmas lighting, warm white and cool white light effects, and custom lighting options.

Video 5.2: Overview of the permanent outdoor lights for year-round celebrations. This video highlights 16 million colors, 44 scene modes,

IP67 waterproofing, Halloween outdoor lights, Christmas lights, exciting party lighting, Independence Day themes, and daily lighting options.

6. Maintenance

- **Cleaning:** Gently wipe the light units with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check the cables and connections for any signs of wear, damage, or loose connections. Ensure all waterproof caps are securely tightened.
- **Storage:** If storing the lights for an extended period, disconnect them from power, clean them, and store them in a cool, dry place.

7. Troubleshooting

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty adapter/control box.	Check power outlet. Ensure all connections (adapter, control box, light strings) are secure. Test with another power source if possible.
Remote control not working.	Battery depleted, remote out of range, obstruction.	Replace remote battery. Ensure remote is within 10 meters of the control box and has a clear line of sight.
App cannot connect to lights.	Bluetooth/Wi-Fi issue, lights not in pairing mode, app error.	Ensure Bluetooth/Wi-Fi is enabled on your device. Restart the app and lights. Follow in-app pairing instructions.
Some light segments are not working.	Loose connection between segments, damaged segment.	Check connections between light segments. If a segment is damaged, contact customer support.
Lights are flickering or inconsistent.	Unstable power supply, loose connection, environmental interference.	Ensure stable power. Check all connections. Try moving the control box away from other electronic devices.

8. Specifications

Feature	Detail
Model Number	2323
Light Type	IC+RGBCW LED
Length	50ft (with 25 LED lights)
Light Color	Multicolor (16 Million Colors), Warm White (2700K), Cool White (6500K)
Waterproof Rating	String Lights: IP67, Control Box: IP65
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Lifespan	Up to 50,000 hours
Control Methods	Smart App (lemon23), Remote Control, Control Box Button
Remote Control Range	Up to 10 meters (32.8 feet)

Feature	Detail
Power Source	Corded Electric
Material	Plastic

9. Warranty and Support

For warranty information and customer support, please refer to the 'Story Card' included in your package or contact lemonlovely customer service directly. Protection plans may be available for purchase separately.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question