

## lemonlovely 2323

# lemonlovely Smart 150FT Permanent Outdoor Lights Instruction Manual

Model: 2323

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient installation, operation, and maintenance of your lemonlovely Smart 150FT Permanent Outdoor Lights. Please read this manual thoroughly before use and retain it for future reference.

The lemonlovely Smart Permanent Outdoor Lights are designed to provide customizable, vibrant lighting for outdoor spaces, suitable for various occasions and year-round use. Featuring RGB LED technology, smart app control, and a durable, weather-resistant design, these lights offer versatile illumination for your home's exterior.

## 2. SAFETY INFORMATION

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- **Electrical Safety:** Ensure the power supply is disconnected before installation or maintenance. Use only the provided power adapter. Do not overload electrical outlets.
- **Outdoor Use:** These lights are designed for outdoor use. The string lights are IP67 waterproof, and the control box is IP65 rated. Ensure all connections are secure and protected from direct water exposure where possible.
- **Installation:** Install lights securely to prevent them from falling. Avoid installing near heat sources or in areas with excessive vibration. Do not cut or modify the light string, as this may damage the product and void the warranty.
- **Temperature Range:** Operate the lights within the specified temperature range of -20°C to 60°C (-4°F to 140°F).
- **Children and Pets:** Keep packaging materials and small components away from children and pets to prevent choking hazards.

### 3. PACKAGE CONTENTS

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

- 1 x Package Box
- 1 x String Lights (150FT)
- 1 x Power Adapter
- 1 x Controller
- 1 x Remote Control
- 1 x Extension Cable (if applicable to your specific kit)
- 1 x User Manual
- Mounting Hardware (Adhesive backing, Screws)



Figure 3.1: Package Contents

### 4. SPECIFICATIONS

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Feature	Specification
Brand	lemonlovely
Model Number	2323
Light Type	RGB LED
Length	150FT
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Light Color	Multicolor (16 Million Options)
Water Resistance Level	IP67 (String Lights), IP65 (Control Box)
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Lifespan	Up to 50,000 hours
Number of Light Sources	75
Lamp Bead Spacing	1.97 ft

Brightness per LED	40 lm
Beam Angle	>135°
Material	Polycarbonate
Control Method	Smart App, Remote Control

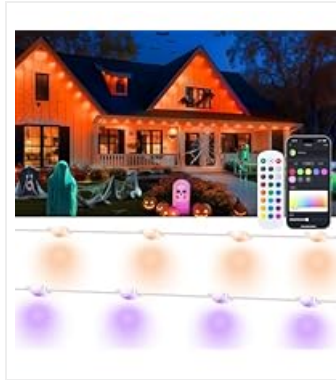


Figure 4.1: Durability and Reliability Features



Figure 4.2: Innovative Lighting Performance

## 5. SETUP AND INSTALLATION

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Follow these steps for quick and secure installation:

1. **Test Lights:** Before mounting, connect the lights to power and test all functions to ensure they are working correctly.
2. **Plan Placement:** Determine the desired location for your lights. Install each outdoor light close to the wall, typically under eaves or along rooflines.
3. **Prepare Surface:** Clean the installation surface thoroughly to remove any dust, dirt, or moisture.
4. **Adhesive Mounting (Short-term Use):** Remove the VHB gum backing from the lights. Press the lights firmly against the cleaned surface for at least 5 seconds to ensure adhesion.
5. **Reinforce with Screws (Long-term Use):** For a lasting hold, secure each string light with two screws through the designated mounting holes. This is recommended for permanent installations on various surfaces like concrete, marble, metal, or wood.
6. **Connect Multiple Strings (if applicable):** If using multiple string lights, connect them using the waterproof connector and screw them in place to ensure a secure, weather-tight seal.
7. **Controller Placement:** Ensure the controller is placed within 10-12 meters of your desired app connection point for optimal signal. If the remote control experiences issues, verify line of sight or proximity to the

controller.



Figure 5.1: Easy & Secure Installation Options



Figure 5.2: Step-by-Step Installation Guide

## 6. OPERATING INSTRUCTIONS

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

### 6.1 Smart App Control

Download the dedicated smart app (refer to the manual for QR code or app store search terms) to unlock full customization:

- **Connection:** Long press the controller button for 8 seconds until it flashes red, then open the app to connect.
- **Color Selection:** Choose from over 16 million color options to match any mood or occasion.
- **Brightness Adjustment:** Adjust brightness from 1% to 100%.
- **DIY Lighting Modes:** Create and save custom lighting patterns and effects.
- **Scene Modes:** Select from various preset scene modes for holidays (Christmas, Halloween), parties, or daily ambiance.
- **Music Sync Mode:** Synchronize the lights with music, allowing them to change colors and patterns to the beat.
- **Timer Function:** Set schedules for the lights to turn on/off automatically or use a countdown timer.



Figure 6.1: App and Remote Control Interface

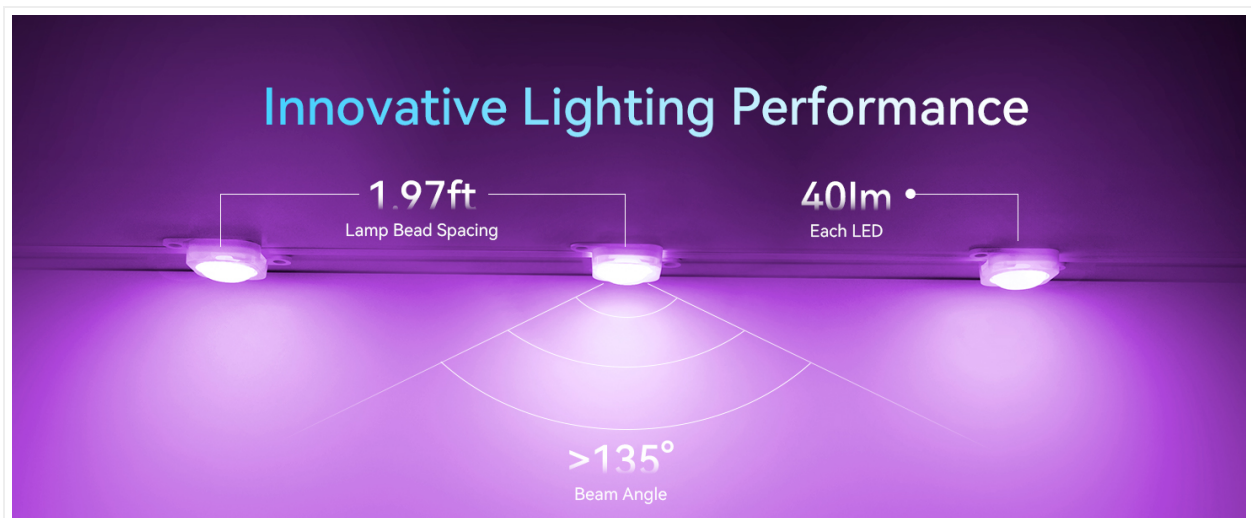


Figure 6.2: 16 Million Colors and Brightness Adjustment

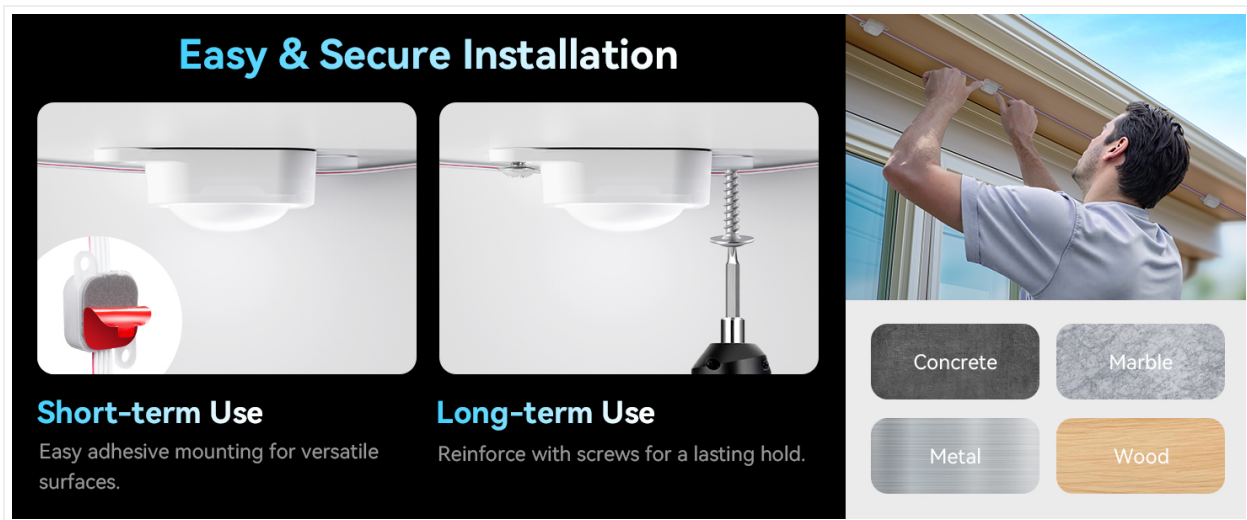


Figure 6.3: Static, Flash, and Breathe Modes



Figure 6.4: Music Sync Feature

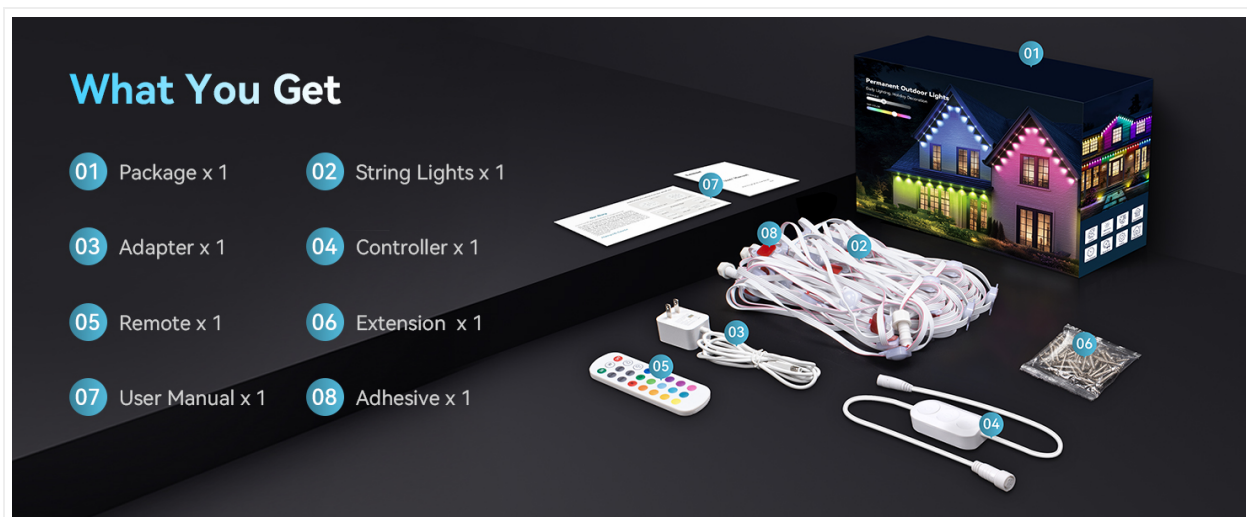


Figure 6.5: Timer Setting Options

## 6.2 Remote Control

The included remote control provides quick access to basic functions:

- **Power On/Off:** Turn the lights on or off.
- **Color Selection:** Select from a range of preset colors.
- **Brightness Adjustment:** Increase or decrease light brightness.

- **Mode Cycling:** Cycle through various lighting modes (e.g., static, flash, breathe).

## 7. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your permanent outdoor lights:

- **Cleaning:** Periodically clean the light surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the lights or their waterproof coating.
- **Inspect Connections:** Regularly check all electrical connections and mounting points for security and signs of wear or damage. Ensure waterproof connectors are tightly sealed.
- **Environmental Protection:** While the lights are weather-resistant, consider additional protection for the control box in areas prone to extreme weather conditions.
- **Storage:** If storing the lights for an extended period, disconnect them from power, clean them, and store them in a cool, dry place away from direct sunlight.

## 8. TROUBLESHOOTING

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If you encounter issues with your lemonlovely Smart Permanent Outdoor Lights, refer to the following common solutions:

- **Lights Not Turning On:**
  - Check if the power adapter is securely plugged into a working outlet.
  - Ensure the controller is properly connected to the light string and power adapter.
  - Verify that the lights are not set to a very low brightness or turned off via the app/remote.
- **App Connection Issues:**
  - Ensure your smartphone's Bluetooth is enabled and you are within 10-12 meters of the controller.
  - Try restarting the app and resetting the controller (long press for 8 seconds until red flash).
  - Confirm your Wi-Fi network is stable if the app requires Wi-Fi for certain features.
- **Remote Control Not Working:**
  - Check the battery in the remote control and replace if necessary.
  - Ensure there are no obstructions between the remote and the controller.
  - Verify you are within the remote's operating range.
- **Inconsistent Lighting/Colors:**
  - Inspect the light string for any visible damage or loose connections.
  - Ensure the power supply is adequate and stable.

If these steps do not resolve the issue, please contact customer support.

## 9. WARRANTY AND SUPPORT

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lemonlovely products are designed for quality and durability. For specific warranty details, please refer to the warranty card included in your package or visit the official lemonlovely website.

If you require technical assistance, have questions about installation, or need to report a defect, please contact

lemonlovely customer support. Contact information can typically be found on the product packaging, the official website, or within the smart application.

Please have your model number (2323) and purchase date ready when contacting support to expedite assistance.