

Lumary L-PO120D1

Lumary Permanent Outdoor Lights Pro 158ft (Model L-PO120D1) User Manual

Smart Eave Lights with RGBAICW LEDs

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Lumary Permanent Outdoor Lights Pro 158ft. These smart eave lights feature 120 RGBAICW LEDs, offering 16 million color options and tunable white light from 2200K to 6500K. Designed for year-round outdoor use, they are IP67 waterproof and can be controlled via the Lumary App, voice commands (Alexa, Google), or the included remote control.

2. SAFETY INFORMATION

- **Read all instructions:** Before installation and use, carefully read and understand all instructions.
- **Electrical Safety:** Ensure the power supply is disconnected before installation or maintenance. Only use the provided adapter. Do not modify the product or its components.
- **Outdoor Use:** This product is designed for outdoor use. The lights are IP67 waterproof, and the control box is IP65 waterproof. Ensure all connections are secure and sealed to prevent water ingress.
- **Installation Surface:** Install on stable surfaces such as wood, plastic, metal, or cement. Ensure the surface is clean and dry before applying adhesive.
- **Temperature Range:** The lights are designed to operate in temperatures ranging from -4°F to 140°F (-20°C to 60°C).
- **Children and Pets:** Keep packaging materials and small components away from children and pets.

3. PACKAGE CONTENTS

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

- 20 LED String Lights (6 segments)
- Control Box (1 unit)

- 12ft Extension Cord (1 unit)
- 4ft Extension Cord (2 units)
- Adapter (1 unit)
- Remote Controller (1 unit, battery not included)
- User Manual (1 unit)
- Installation Card (1 unit)
- Extra 3M Adhesive (15 pieces)
- Cable Clips (120 pieces)
- Screws (126 pieces)

Permanent Lights Pro 158ft

Overall accessories

- | | | |
|---------------------------|------------------------|-------------------------|
| 1 20 LED String Lights *6 | 4 Control Box *1 | 8 Installtion Card *1 |
| 2 12ft Extension Cord *1 | 5 Adapter *1 | 9 Extra 3M Adhesive *15 |
| 3 4ft Extension Cord *2 | 6 Remote Controller *1 | 10 Cable Clips *120 |
| | 7 User Manual *1 | 11 Screw *126 |



Figure 3.1: Detailed view of all included accessories for the Lumary Permanent Outdoor Lights Pro 158ft kit.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your Lumary Permanent Outdoor Lights:

1. **Plan Placement:** Determine the desired layout for your lights along the eaves or other suitable outdoor surfaces. For optimal wall-washing effects, ensure a distance of 2-3 inches from the wall.

2. **Prepare Surface:** Clean and dry the installation surface thoroughly. The lights can be installed on concrete, wood, plastic, or metal surfaces.
3. **Attach Lights:**
 - Tear off the enhanced 3M Foam Tape from the back of each light.
 - Press the light firmly against the surface for secure adhesion.
 - For additional security, use the provided dual clips and screws to further secure each light.
4. **Connect String Lights:** Connect the string light segments using the waterproof connectors. Ensure the caps are screwed on tightly to maintain the waterproof seal.
5. **Connect Control Box and Adapter:** Connect the string lights to the control box, and then connect the control box to the adapter. Plug the adapter into a suitable outdoor power outlet.
6. **Extension Cords:** You can connect up to 3 extension cords and 1 extension outdoor string light to expand your lighting system.

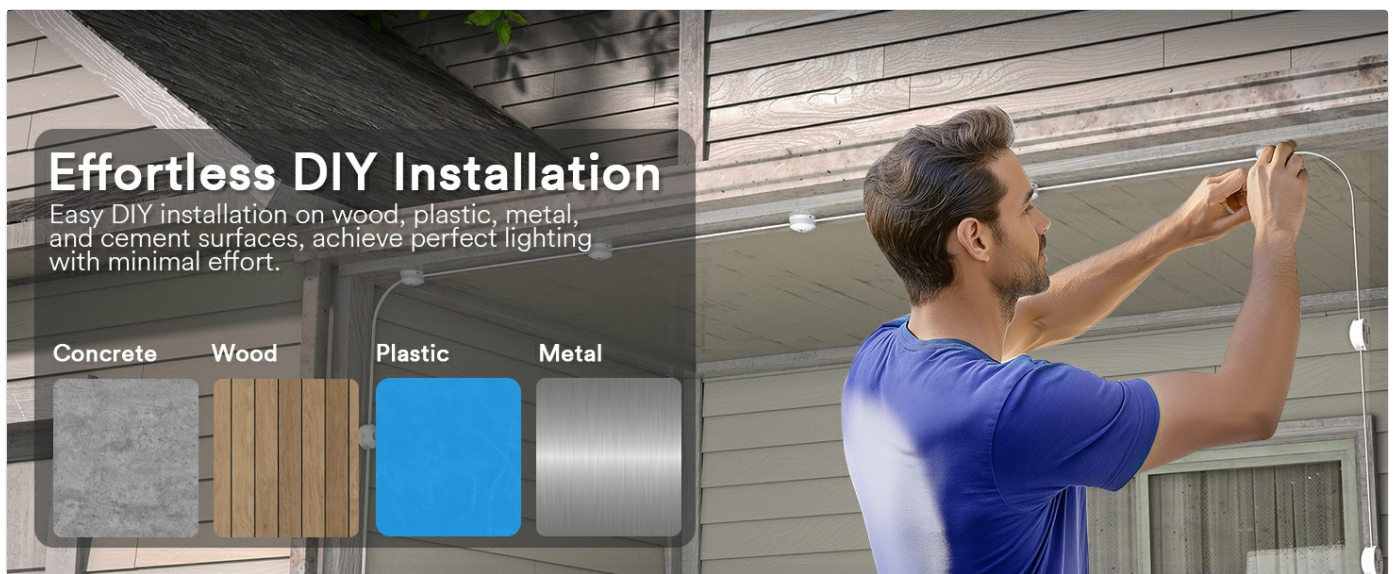


Figure 4.1: Effortless DIY installation on various surfaces.

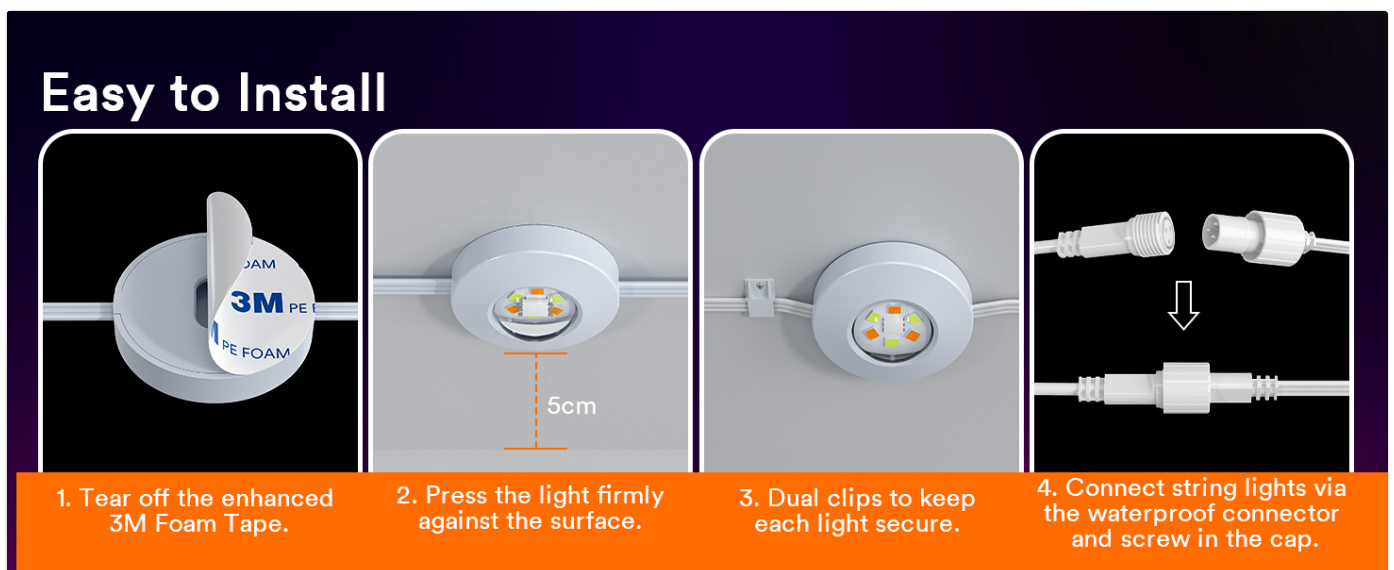


Figure 4.2: Step-by-step installation process.

Note: Please don't connect the 2 or more set together

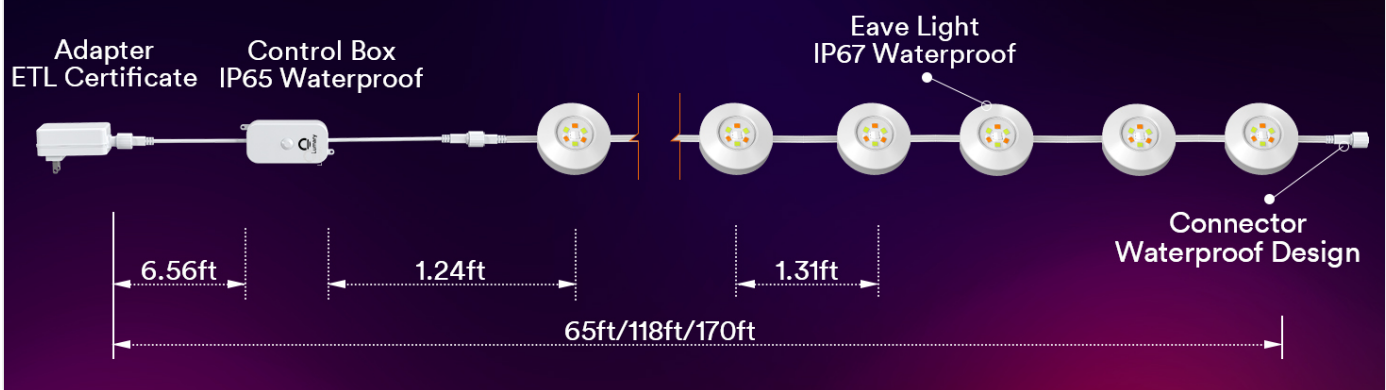


Figure 4.3: Connection diagram and important notes.

Important Note:

- Do not connect two or more sets of Lumary Permanent Outdoor Lights Pro 158ft together for simultaneous use.
- Each segment of the string contains 20 LED lights. The 158ft model includes 6 segments.

5. OPERATING INSTRUCTIONS

Your Lumary Permanent Outdoor Lights Pro offer multiple control options and extensive customization:

5.1 Control Options

The lights can be controlled using the Lumary App, voice commands, the included remote control, or the physical control box.

- **Lumary App:** Download the Lumary App (2.4 GHz WiFi only, not compatible with 5G Wi-Fi). The app allows for comprehensive control over colors, brightness, scenes, and individual light settings.
- **Voice Control:** Integrate with smart home assistants like Alexa and Google Assistant for convenient voice commands.
- **Remote Control:** Use the provided remote control for basic functions such as turning lights on/off, changing colors, and adjusting brightness. (Battery not included for remote).
- **Control Box:** The physical control box on the light string provides basic on/off and mode cycling functionality.

More Control Option

Enhanced lighting experience



Figure 5.1: Multiple control options for enhanced lighting experience.

5.2 Lighting Features

- **RGBAW LED Beads:** Experience 16 million color options and tunable white light from 2200K (warm white) to 6500K (cool white). The total brightness reaches up to 6000lm with a 100° beam angle.
- **44 Scene Modes:** Choose from 44 pre-set scene modes for various holidays and daily ambiance.
- **DIY Individual Light Control:** Customize the color, brightness, and on/off settings for each individual light to create

unique lighting effects.

- **Music Synchronization:** The lights can synchronize with music to enhance outdoor parties and gatherings.



Figure 5.2: Customizable colors and individual light control.



Figure 5.3: Diverse pre-set scenes for any occasion.

6. MAINTENANCE

The Lumary Permanent Outdoor Lights Pro are designed for durability and low maintenance. To ensure optimal performance and longevity:

- **Regular Cleaning:** Periodically wipe the light surfaces with a soft, damp cloth to remove dirt and debris. Avoid abrasive cleaners or solvents.
- **Inspect Connections:** Annually inspect all electrical connections and waterproof seals to ensure they remain secure and intact.
- **Check Mounting:** Verify that all lights are securely mounted to the eaves or other surfaces. Re-secure any loose lights or clips as needed.
- **Storage:** If storing the lights for an extended period, ensure they are clean, dry, and stored in a cool, dry place away from direct sunlight.

Engineered for Durability

Waterproof and UV protection in all season



Figure 6.1: The lights are engineered for durability with IP67 waterproof rating and anti-UV materials.

7. TROUBLESHOOTING

If you encounter issues with your Lumary Permanent Outdoor Lights Pro, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty adapter.	Check power outlet, ensure all connections are secure, test with another outlet if possible.
Lights turn on automatically after a power outage.	This is expected behavior for some smart lighting systems.	Turn off manually via app, remote, or control box.
Cannot connect to Lumary App.	Incorrect Wi-Fi band, app pairing issue.	Ensure your Wi-Fi network is 2.4 GHz. Re-attempt pairing process as per app instructions.
Remote control not working.	No battery, dead battery, remote out of range.	Insert or replace battery. Ensure remote is within effective range of the control box. Note that not all light changes are possible via remote.
Lights are not displaying correct colors or effects.	App settings, interference.	Check settings in the Lumary App. Ensure no other devices are interfering with the signal.
Need longer length or different configuration.	System limitation.	This model cannot connect two or more sets together. Only up to 3 extension cords and 1 extension outdoor string light can be used.

8. SPECIFICATIONS

Feature	Specification
Brand	Lumary
Model Number	L-PO120D1
Light Source Type	LED (RGBAICW 5-in-1)
Number of Light Sources	120
Total Brightness	6000 Lumen
White Light Color Temperature	2200K - 6500K
Beam Angle	100°
Power Source	Corded Electric
Voltage	36 Volts (DC)
Wattage	90 watts
Material	Plastic (Anti-UV)
Eave Lights Waterproof Rating	IP67
Control Box Waterproof Rating	IP65
Operating Temperature	-4°F to 140°F (-20°C to 60°C)

Feature	Specification
Control Options	Lumary App (2.4GHz Wi-Fi), Voice Control (Alexa, Google), Remote Control, Control Box
Product Dimensions	16.6 x 5.8 x 9.52 inches (packaging)
Item Weight	11.62 pounds
UPC	810185340309

9. WARRANTY AND SUPPORT

Lumary provides a **1+ year service** for this product, ensuring customer satisfaction and support for any potential issues. For technical assistance, troubleshooting, or warranty claims, please refer to the contact information provided on the product packaging or the official Lumary website.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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