

Lumary L-PO120A1

Lumary Permanent Outdoor Eave Lights

Model: L-PO120A1

User Manual

1. INTRODUCTION

Thank you for choosing Lumary Permanent Outdoor Eave Lights. This manual provides essential information for the safe installation, operation, and maintenance of your lighting system. Please read it thoroughly before use and retain it for future reference.

These lights feature RGBAW 5-in-1 LED technology, offering 7200 lumens of brightness, IP67 waterproof rating for the lights, and multiple control options including the Lumary App, Alexa, and Google Assistant.

2. SAFETY INFORMATION

- **Electrical Safety:** Ensure the power supply is disconnected before installation or maintenance. Only use the provided adapter. Do not exceed the maximum wattage.
- **Outdoor Use:** The lights are IP67 waterproof, and the control box is IP65. Ensure all connections are secure and protected from water ingress.
- **Temperature Range:** Operate within the specified temperature range of -4°F to 140°F (-20°C to 60°C).
- **Installation:** Follow installation instructions carefully. Do not link multiple sets of lights together using a single adapter, as the power supply is not sufficient.
- **Children and Pets:** Keep packaging materials and small components away from children and pets.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 20 LED Eave Lights Strand (x6)
- 4FT Extension Cord (x2)
- 12FT Extension Cord (x1)

- Adapter (x1)
- Control Box (x1)
- Remote Controller (x1)
- Extra 3M Adhesive (x15)
- Extra Base (x5)
- Cable Clip (x30)
- Installation Card (x1)
- Screws (x120)

Permanent Lights Max 158ft

Overall accessories

- | | | |
|---------------------------|-------------------------|-------------------------------|
| 1 20 LED String Lights *6 | 5 Control Box *1 | 9 User Manual *1 |
| 2 4ft Extension Cord *2 | 6 Extra 3M Adhesive *15 | 10 Installation Card *1 |
| 3 12ft Extension Cord *1 | 7 Screw *120 | 11 Extra Base *5 |
| 4 Adapter *1 | 8 Remote Controller *1 | 12 Cable Clips with Screw *30 |



Image: All components included in the Lumary Permanent Outdoor Lights package, including light strands, control box, remote, and mounting hardware.

4. SPECIFICATIONS

Feature	Specification
Model Number	L-PO120A1
Light Source Type	RGBAW 5-in-1 LED
Total Brightness	7200 Lumens
Light Color	Multicolor (16 million colors), Tunable White (2200K-6500K)
Beam Angle	100 Degrees
Eave Light Waterproof Rating	IP67
Control Box Waterproof Rating	IP65
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Control Methods	Lumary App (2.4G WiFi), Alexa, Google Assistant, Remote Controller, Control Box
Voltage	36 Volts
Wattage	90 Watts (Max 96 Watts)
Certifications	ETL, FCC

5. SETUP AND INSTALLATION

The Lumary Permanent Outdoor Eave Lights are designed for easy DIY installation on various surfaces. Choose the appropriate mounting method for your surface type.

5.1 Mounting the Lights

The lights feature a detachable base for flexible installation.

Unique Separate Base Design

Convenient detachable base with reliable stability



Image: The unique separate base design allows for flexible mounting options.

Option 1: Adhesive Mounting (for steel and drywall surfaces)

1. Clean the mounting surface thoroughly to ensure it is dry and free of dust or grease.
2. Peel off the protective film from the 3M adhesive on the back of the light base.
3. Press the light base firmly onto the desired location. Ensure a strong bond.

Option 2: Screw Mounting (for wood and plastic surfaces)

1. Position the light base on the desired location.
2. Use the provided screws to secure the base to the surface.

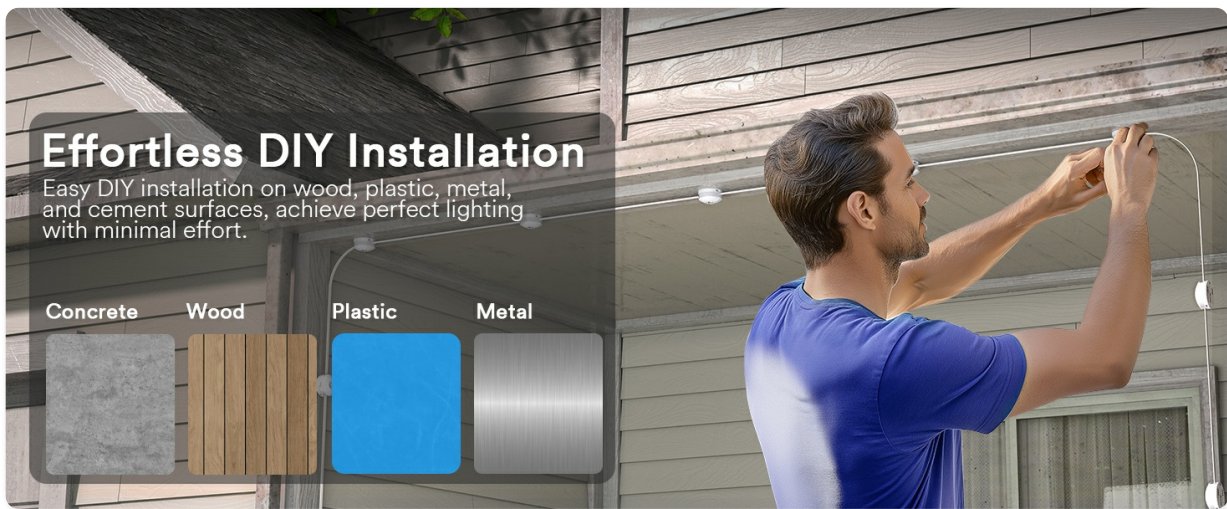


Image: Visual guide for installation using 3M adhesive for steel/drywall and screws for wood/plastic surfaces.

5.2 Connecting the Light Strands

Connect the light strands end-to-end. Use the provided extension cords (4FT and 12FT) to bridge gaps or extend the lighting layout as needed. The 158ft version does not support additional extension LED light strings. The 105ft and 53ft versions can connect to a 13ft extension LED light string at most (sold separately).



Image: Illustration of how to connect light strands and use extension/transition cables for personalized installations.

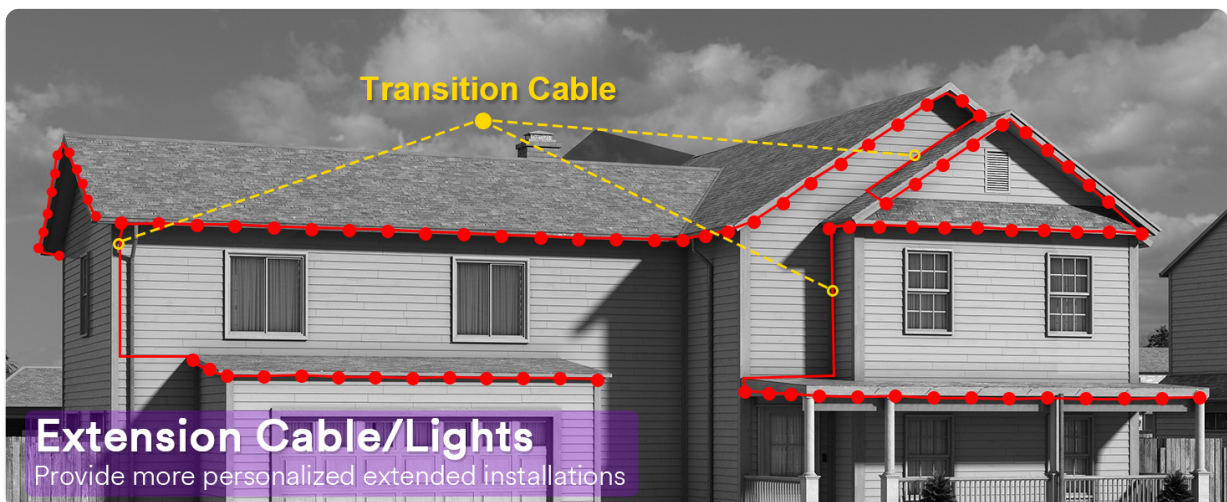


Image: A detailed diagram showing the connection sequence of the adapter, control box, eave lights, and transition cables.

Important Note: Do not link two sets of lights together using a single adapter. The adapter's power

capacity is designed for one set only.

6. OPERATING INSTRUCTIONS

Your Lumary Permanent Outdoor Eave Lights offer multiple control methods for convenience.

6.1 Control Methods

Versatile Lighting Control

Multiple control options for all family members



Image: Overview of the versatile control options available for the lighting system.

- **Lumary App:** Download the Lumary App from your smartphone's app store. Follow the in-app instructions to connect your lights to a 2.4G WiFi network. The app allows for individual light control, color customization, brightness adjustment, and scene selection.

- **Voice Control:** Integrate with Amazon Alexa or Google Assistant. Once connected via the Lumary App, you can use voice commands to turn lights on/off, change colors, or adjust brightness.
- **Remote Controller:** Use the included remote control for basic functions such as power on/off, color changes, and scene mode selection.
- **Control Box:** The physical control box on the light string provides basic power and mode cycling functions.

6.2 RGBAICW 5-in-1 LED Technology

The lights utilize advanced RGBAICW (Red, Green, Blue, Amber, Ice White, Warm White) LEDs, providing a wide spectrum of colors and tunable white light from 2200K to 6500K. This technology ensures vibrant colors and clear white light with 7200 lumens total brightness.

Stunning Lighting Effects

Achieve higher brightness and clarity than '90 lm'



5-in-1 LED Chip



RGBAICW+WW+CW



Lens Design

Image: The 5-in-1 LED chip and lens design contribute to higher brightness and clarity.

6.3 Individual Light Control and Scene Modes

Through the Lumary App, you can customize each light's color, brightness, and switch settings independently. This allows for personalized lighting designs.



Image: The Lumary App allows for customizable preferences, with each light controllable individually.

The app also provides over 55 preset scene modes, which can be customized to suit various occasions and moods, such as holidays or daily accent lighting.



Image: The Lumary App offers over 54 dynamic scene modes to match various styles and occasions.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Lumary Permanent Outdoor Eave Lights, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the light surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or waterproof seals.
- **Inspection:** Regularly inspect the light strands, cables, and connections for any signs of wear, damage, or loose connections. Address any issues promptly.
- **Durability:** The lights are built with UV-resistant materials and an IP67 waterproof rating, designed to withstand rain, snow, and extreme temperatures. No specific seasonal removal is required for durability, but the detachable base allows for easy removal if desired for storage or HOA compliance.

Superior Outdoor Durability

Durability for any outdoor weather condition



Image: The lights are designed for superior outdoor durability, featuring UV resistance, waterproofing, and tolerance to temperatures from -4°F to 140°F.

8. TROUBLESHOOTING

• Lights Not Turning On:

- Check if the power adapter is securely plugged into a working outlet.
- Ensure all connections between the light strands, control box, and adapter are firm.
- Verify the control box is powered on.

• Lights Not Responding to App/Voice Control:

- Confirm your smartphone is connected to a 2.4G WiFi network (5G WiFi is not supported).
- Ensure the Lumary App is updated to the latest version.

- Restart the control box by unplugging and re-plugging the power adapter.
- Check your router for internet connectivity.

• **Inconsistent Brightness or Color:**

- Ensure all light bases are securely attached and connections are tight.
- If using extension cords, verify they are fully inserted.

• **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 control box.

9. WARRANTY AND SUPPORT

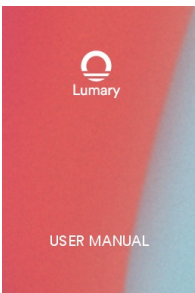
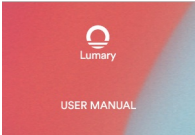
Lumary provides a 1+ year service for its products. For technical support, warranty claims, or further assistance, please contact Lumary customer service through the official Lumary website or your purchase platform.





10. IMPORTANT NOTES

- The 53ft and 105ft versions can be connected to a 13ft extension LED light string at most (not included in the package, available for purchase). The 158ft version does not support additional extension LED light strings.
- The 105ft and 158ft versions provide a connecting cable (included in the package); 53ft versions do not.
- Do not link two sets of lights together, as the adapter power is not sufficient to drive two sets of lights.

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Related Documents - L-PO120A1

	<p>Lumary User Manual: Smart Lighting App Guide</p> <p>Comprehensive user manual for Lumary smart lighting products, detailing app installation, device connection, remote control, app features, group control, troubleshooting, and integration with Alexa and Google Assistant.</p>
	<p>Lumary Smart LED String Lights User Manual - Setup, Control & Voice Integration</p> <p>Comprehensive user manual for Lumary smart LED string lights. Learn how to set up, control via remote or app, integrate with Alexa and Google Assistant, and understand safety precautions.</p>

	<p>Lumary Smart LED Deck Light User Manual and Guide</p> <p>Comprehensive user manual for Lumary Smart LED Deck Lights (Model L-LDL4A1/6). Covers installation, app setup, group control, remote operation, troubleshooting, FAQs, and voice assistant integration with Alexa and Google Assistant.</p>
	<p>Lumary RGBAI Outdoor Spotlight Pro User Manual Setup, Features & Troubleshooting</p> <p>Comprehensive user manual for the Lumary RGBAI Outdoor Spotlight Pro. Learn how to set up, connect, control via app, use remote, group devices, and troubleshoot common issues. Includes voice control integration with Alexa and Google Assistant.</p>
	<p>Lumary Smart Recessed Light User Manual</p> <p>User manual for Lumary Smart Recessed Lights, detailing installation, app setup, group control, troubleshooting, voice assistant integration (Alexa, Google Assistant), and technical specifications for smart home lighting.</p>
	<p>Lumary Smart Wi-Fi Outlet Start Guide</p> <p>A comprehensive guide to installing, connecting, and using the Lumary Smart Wi-Fi Outlet, including voice control integration with Google Assistant and Amazon Alexa.</p>