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LemonNova DT-3231W-B-22D-MG

LemonNova Permanent Outdoor Light Strip Extension Manual

Model: DT-3231W-B-22D-MG | Brand: LemonNova

1. INTRODUCTION

This manual provides instructions for the LemonNova 25ft LED Light Strip Extension, Model DT-3231W-B-22D-MG. This product is designed to extend an existing LemonNova permanent outdoor lighting system. It is an extension unit only and does not include a controller or power adapter. Please read these instructions carefully before installation and retain for future reference.

2. SAFETY INFORMATION

- Ensure the power to your existing LemonNova lighting system is disconnected before installing the extension strip.
- Do not attempt to cut or modify the light strip. This will void the warranty and may cause damage or injury.
- Handle electrical connections with care. Ensure all connections are secure and protected from moisture.
- This product is designed for outdoor use and is IP67 waterproof. However, avoid submerging the lights in water.
- Operate within the specified temperature range of -4°F to 140°F (-20°C to 60°C).

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x 25ft LED Light Strip Extension (with 18 LED lights)
- VHB Glue (pre-applied or separate)
- Mounting Clips

Note:

- This package **does not include** a power adapter or a control box. These components are part of the

main LemonNova permanent outdoor lighting system.

- A remote control is not included with this extension kit. Operation is managed through your existing LemonNova system's controller or app.

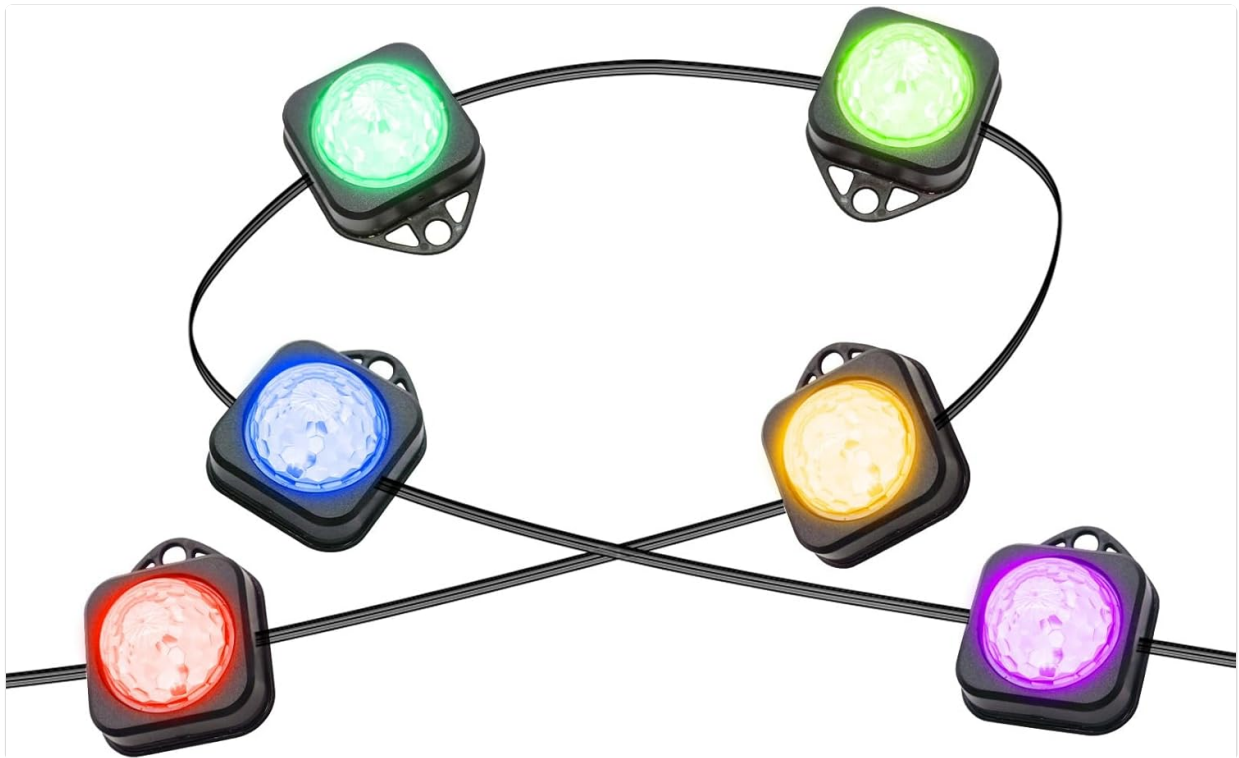


Image 1: The LemonNova 25ft LED Light Strip Extension, featuring individual square-shaped LED lights connected by a black cable.

4. COMPATIBILITY

- This extension light strip is compatible only with **LemonNova permanent outdoor lighting systems** ranging from 25ft to 100ft in length.
- It is recommended that the total length of your lighting system, including extensions, **does not exceed 200ft**.
- Do not attempt to connect this extension to lighting systems from other brands.

5. INSTALLATION INSTRUCTIONS

Follow these steps to properly install your LemonNova Light Strip Extension:

1. **Prepare the Installation Area:** Ensure the eaves or desired mounting surface is clean, dry, and free from debris.
2. **Disconnect Power:** Turn off the power to your existing LemonNova lighting system at the main power source.
3. **Locate Connection Point:** Identify the designated extension connection point on your existing LemonNova light strip. This is typically at the end of the current strip.
4. **Connect the Extension:** Carefully align and connect the extension light strip to the main light strip. Ensure the connection is firm and secure.
5. **Secure the Lights:** Use the provided VHB glue and mounting clips to secure each individual LED light unit to the eaves. The VHB glue provides strong adhesion, and clips offer additional support. Ensure each light is securely fastened to prevent sagging or detachment.

6. **Route the Cable:** Neatly route the cable along the eaves, ensuring it is not pinched or exposed to sharp edges.
7. **Verify Installation:** Double-check all connections and mounting points for security.
8. **Restore Power:** Once installation is complete and verified, restore power to your LemonNova lighting system.

Important:

- The light strip **cannot be cut**. Attempting to cut the strip will damage the product and void the warranty.
- Install lights on eaves for optimal performance and aesthetic.

Built for Outdoors
Great performance from summer heat to winter cold

Corrosion-resistant & **UV-resistant** materials

Last up to **50,000** hours

-20°C~60°C
-4°F~140°F

Image 2: Example of LemonNova permanent outdoor lights installed along the eaves of a house, demonstrating typical placement.

6. OPERATION

As an extension unit, this light strip operates in conjunction with your existing LemonNova permanent outdoor lighting system. All control functions, such as turning on/off, changing colors, adjusting brightness, and setting modes, are managed through the main system's controller or the Lemon23 mobile application. Your LemonNova system typically supports features including:

- **RGB+IC Color Control:** Access to a wide spectrum of colors and dynamic lighting effects.
- **Brightness Adjustment:** Customize the light intensity.
- **Timing Functions:** Schedule on/off times.
- **DIY Scene Creation:** Personalize lighting scenes.
- **Music Sync Mode:** Lights can synchronize with music played through the app.
- **2.4G WiFi APP Control:** Remote control via the Lemon23 application.
- **Voice Control:** Integration with compatible voice assistants (if supported by your main system).

DIY Endless Festival Lighting Effects

More functions can be achieved through the Lemon23 APP



Image 3: The Lemon23 mobile application interface, illustrating various control options such as timing, brightness adjustment, DIY scenes, and color selection for the LemonNova lighting system.

7. MAINTENANCE

To ensure the longevity and optimal performance of your LemonNova Light Strip Extension:

- **Cleaning:** Periodically wipe the light strip and individual LED units with a soft, damp cloth to remove dust and debris. Do not use harsh chemicals or abrasive cleaners.
- **Connection Check:** Annually inspect all connections for tightness and ensure they remain protected from moisture.

- **Environmental Durability:** The lights are designed to withstand outdoor conditions, including temperatures from -4°F to 140°F (-20°C to 60°C) and are IP67 waterproof. The adapter and control box (part of the main system) are typically IP65 rated.
- **Lifespan:** The LED lights have an estimated lifespan of up to 50,000 hours under normal operating conditions.



Image 4: LemonNova lights installed on a house during rainfall, highlighting their waterproof design (IP67 for lights, IP65 for adapter/control box).

8. TROUBLESHOOTING

If you encounter issues with your LemonNova Light Strip Extension, consider the following:

- **Lights Not Illuminating:**
 - Ensure the extension is securely connected to the main light strip.
 - Verify that the main LemonNova lighting system is powered on and functioning correctly.
 - Check for any visible damage to the extension cable or LED units.
- **Inconsistent Lighting:**
 - Confirm all connections are tight and free from corrosion.
 - Ensure the total length of your combined light strips does not exceed the recommended 200ft. Exceeding this limit may lead to power delivery issues.
- **App Control Issues:**
 - Since this is an extension, app control issues are typically related to the main LemonNova system. Refer to the manual for your main system for troubleshooting app connectivity or control problems.

For further assistance, please contact LemonNova customer support.

9. SPECIFICATIONS

Model Number	DT-3231W-B-22D-MG
Brand	LemonNova
Length	25 feet
Number of LED Lights	18
Light Source Type	LED (RGB+IC)
Material	Plastic (Base), Metal (Overall)
Water Resistance Level	IP67 (Lights)
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Lifespan	Up to 50,000 hours
Installation Type	Staked / Eaves (with VHB glue and clips)
UPC	643556175589

10. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your LemonNova Permanent Outdoor Light Strip Extension, please refer to the documentation provided with your main LemonNova lighting system or visit the official LemonNova website. You may also contact LemonNova customer service directly for assistance.