

[Manuals.plus](#) /

› [LemonBest](#) /

› LemonBest 12W RGBW Color Changing Landscape Lights User Manual

LemonBest 12W-WarmWhite-2Packs-12V

LemonBest 12W RGBW Color Changing Landscape Lights User Manual

Model: 12W-WarmWhite-2Packs-12V (RGBW 4 Packs)

1. PRODUCT OVERVIEW

The LemonBest 12W RGBW Color Changing Landscape Lights are designed to provide versatile and vibrant outdoor lighting. These low-voltage LED spotlights offer 16 distinct colors, 4 dynamic lighting modes (strobe, flash, fade in, fade out, smooth), and adjustable brightness levels. Control is managed via an included remote control, which also features a memory function to recall your last settings upon power-on. This product is suitable for illuminating gardens, pathways, and for decorative purposes during holidays like Halloween and Christmas.



Image: Four LemonBest RGBW landscape lights with ground stakes and a remote control. The lights are black, cylindrical, and feature a colorful LED lens. The remote control is white with various color and mode buttons.

Key Features:

- **RGBW Color Changing:** Offers 16 vibrant colors for diverse lighting effects.
- **Dynamic Modes:** Includes Strobe, Flash, Fade, and Smooth modes.
- **Adjustable Brightness:** Multiple brightness levels to suit different needs.
- **Remote Control:** Convenient wireless control with memory function.
- **IP65 Waterproof:** Designed to withstand various weather conditions.
- **Low Voltage:** Operates on 12-24V DC, requiring a separate low-voltage transformer (not included).
- **Durable Construction:** Crafted with aluminum body and tempered glass lens.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Low Voltage System:** These are low voltage landscape lights and require a 12V-24V DC low-voltage transformer (not included). Do not connect directly to 120V AC household current.
- **Professional Installation:** If you are unsure about electrical wiring, consult a qualified electrician.
- **Water Immersion:** While IP65 waterproof, avoid submerging the lights in water for extended periods.
- **Cable Protection:** Ensure all wiring is properly insulated and protected from damage.
- **Operating Temperature:** Do not operate the lights outside their specified temperature range.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- 4 x 12W RGBW LED Landscape Spotlights
- 4 x Ground Stakes
- 1 x RF Remote Control
- 16 x Wire Connectors (compatible with 12-16 gauge wire)
- 1 x Hex Wrench
- Instruction Manual

4. SETUP AND INSTALLATION

Installation is designed to be straightforward. Please follow these steps carefully.

4.1 Prepare Your Area

- Plan the layout of your lights. Consider where you want to place each spotlight and how the low-voltage wiring will run.
- Ensure you have a compatible 12V-24V DC low-voltage transformer (not included) and appropriate low-voltage

landscape wiring.

- Turn off power to your low-voltage lighting system at the main breaker before beginning installation.

4.2 Assembling the Lights

1. Attach the ground stake to the bottom of each spotlight. Ensure it is securely fastened.
2. Adjust the angle of the spotlight using the included hex wrench. The light head can rotate 270 degrees to direct illumination as desired.

Dimensions



12W



12-24V



RGB

Image: A diagram illustrating the dimensions of the landscape light (approximately 2.5 inches in diameter, 9.64 inches tall with stake) and its 270-degree adjustable rotation. A hex wrench is also shown.

4.3 Connecting the Lights (Wire Connector Installation)

The included connectors are designed for easy and secure connection to your low-voltage landscape wiring (12-16 gauge).

LED LANDSCAPE LIGHTS CONNECTOR INSTALLATION

Compatible with 12-16 Gauge.



Use a tool to separate the cable



Install the cable into the slot cover



Screw the pin into the cable



Pass the wire through the wire hole



Tighten the nut after insertion



Pull the cable to test whether it is tight and Done

Image: A six-step visual guide for installing the wire connectors. It shows separating the cable, installing the cable into the slot cover, screwing the pin into the cable, passing the wire through the wire hole, tightening the nut, and pulling the cable to test the connection.

1. **Separate the Cable:** Use a tool (e.g., utility knife) to carefully separate the two wires of your main low-voltage cable for a short length. Do not cut the wires completely.
2. **Install Cable into Slot:** Open the connector and place one separated wire into the designated slot cover within the connector.

3. **Screw in Pin:** Screw the metal pin of the connector into the cable, ensuring it pierces the insulation and makes contact with the copper wire.
4. **Pass Wire Through Hole:** Thread the wire from the spotlight through the wire hole on the connector.
5. **Tighten Nut:** Insert the spotlight wire into the connector and tighten the nut securely to ensure a firm electrical connection and waterproof seal.
6. **Test Connection:** Gently pull on the cable to confirm that the connection is tight and secure.

4.4 Positioning the Lights

- Insert the ground stakes firmly into the soil at your desired locations.
- Adjust the light head to achieve the desired illumination angle.
- Ensure all wiring is buried or secured to prevent tripping hazards and damage.

5. OPERATING INSTRUCTIONS

The landscape lights are controlled using the included RF remote control.



Image: A remote control with buttons for power, color selection, dimming, and modes. The image also depicts a Halloween-themed outdoor setting illuminated by the RGBW lights, showcasing their color-changing capabilities.

5.1 Remote Control Functions

- **Power On/Off:** Use the power button to turn the lights on or off.

- **Color Selection:** Press the color buttons to select from 16 static colors.
- **Brightness Adjustment:** Use the brightness up/down buttons to increase or decrease the light intensity.
- **Dynamic Modes:** Select from the following modes:
 - **Flash:** Rapid cycling through colors.
 - **Strobe:** Quick, intermittent flashes of a single color or cycling colors.
 - **Fade:** Gradual transition between colors.
 - **Smooth:** Slower, continuous transition between colors.
- **Memory Function:** The lights will remember the last selected color, mode, and brightness setting when powered off and on again.

5.2 Remote Control Range

The RF remote control typically operates effectively up to 32.8 feet (10 meters). Ensure there are no major obstructions between the remote and the lights for optimal performance.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your landscape lights.

6.1 Cleaning

- Ensure the power is off before cleaning.
- Wipe the light fixtures with a soft, damp cloth to remove dirt and debris.
- Avoid using harsh chemicals or abrasive cleaners, as these can damage the finish or lens.

6.2 Weather Resistance

The lights are rated IP65 waterproof, meaning they are protected against dust ingress and low-pressure water jets from any direction. They are designed to withstand rain, snow, and other outdoor elements.

IP65 Weather-proof

Brave the elements all year round



Image: A single landscape light emitting green light, shown in a garden setting during heavy rain, highlighting its IP65 weather-proof capabilities.

6.3 Seasonal Checks

- Periodically inspect wiring for any signs of wear, cuts, or damage. Repair or replace damaged wiring immediately.

- Check connections to ensure they remain tight and secure.
- Clear any debris (leaves, dirt) that may accumulate around the lights, which could impede light output or heat dissipation.

7. TROUBLESHOOTING

If you encounter issues with your landscape lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	No power from transformer. Loose wire connection. Faulty light fixture.	Check transformer power supply. Inspect and tighten all wire connections. Test individual lights; replace if faulty.
Remote control not working.	Dead battery in remote. Obstruction between remote and lights. Remote out of range.	Replace remote battery. Remove obstructions. Move closer to the lights (within 32.8 ft/10m).
Lights flicker or dim unexpectedly.	Insufficient power from transformer. Loose wire connection. Voltage drop over long wire runs.	Ensure transformer wattage is sufficient for all connected lights. Check and tighten all wire connections. Use thicker gauge wire for longer runs or reduce total wire length.
Water inside the light fixture.	Improper sealing during manufacturing (rare). Extreme weather conditions exceeding IP65 rating.	Contact customer support for replacement if within warranty. Ensure proper installation and avoid prolonged submersion.

8. SPECIFICATIONS

Feature	Specification
Brand	LemonBest
Model Name	Warm White Landscape Lighting (for 12W-WarmWhite-2Packs-12V)
Color	RGBW
Material	Aluminum
Light Source Type	LED
Wattage	12 Watts per light
Voltage	12-24 Volts (DC)
Control Method	Remote Control (RF)

Feature	Specification
Indoor/Outdoor Usage	Indoor, Outdoor
Waterproof Rating	IP65
Product Dimensions	2.5"L x 7.1"W x 2.5"H (Light head dimensions: 6cm/2.36in diameter, 9.5cm/3.74in length)
Item Weight	2.16 pounds (for the 4-pack)
Adjustability	270° rotation
Number of Items	4 (in this pack)

9. WARRANTY AND SUPPORT

LemonBest stands behind the quality of its products.

- **Return Policy:** A 90-day no-questions-asked return policy is offered.
- **Warranty:** A 2-year replacement warranty is provided for quality issues.
- **Customer Service:** If you have any questions or require assistance, please contact the professional customer service team via "My Orders - Contact Seller" on Amazon. Responses are typically provided within 24 hours.

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