

[Manuals.plus](#) /

› [MOON-DE-AGE](#) /

› MOON-DE-AGE Low Voltage Landscape Pathway Lights (12 Pack) and RGBW Solar Fence Lights (2 Pack) Instruction Manual

MOON-DE-AGE BKLVL00212BL-SL0602-08

MOON-DE-AGE Low Voltage Landscape Pathway Lights (12 Pack) and RGBW Solar Fence Lights (2 Pack) Instruction Manual

Model: BKLVL00212BL-SL0602-08

1. IMPORTANT SAFETY INFORMATION

Please read and understand all instructions before installing or using these lights. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Pathway Lights:** These are low voltage lights (12V). Ensure you use a compatible low voltage transformer (not included) and wiring. Do not connect directly to high voltage power.
- **Solar Fence Lights:** These lights are solar-powered. Ensure the solar panel receives adequate direct sunlight for optimal charging.
- Always disconnect power before performing any installation, maintenance, or troubleshooting on the pathway lights.
- Do not submerge the pathway lights in water, despite their IP67 rating, as this is for temporary immersion and protection against dust.
- Keep children and pets away from the installation area during setup.
- Do not attempt to modify or repair the lights. Contact support if issues arise.

2. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation.

- 12 x MOON-DE-AGE Low Voltage Landscape Pathway Lights (Black)
- 2 x MOON-DE-AGE RGBW Solar Fence Lights (Black)
- Quick-install wire connectors (for pathway lights)
- Ground stakes (for pathway lights)

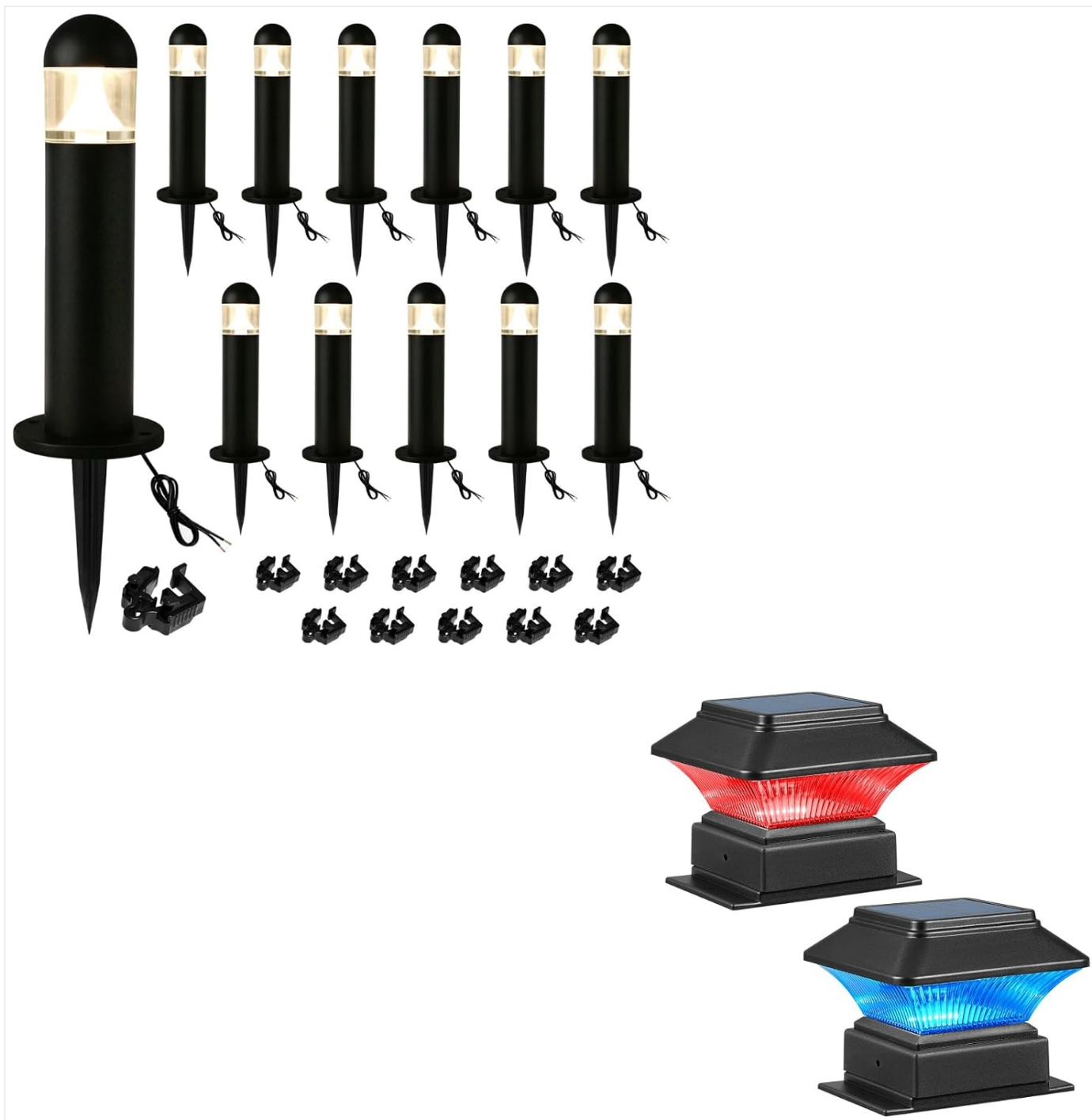


Figure 2.1: Overview of included components for the pathway and fence lights.

3. SPECIFICATIONS

3.1. Low Voltage Landscape Pathway Lights

- **Input Voltage:** 12V AC/DC (Transformer and low voltage wire not included)
- **Light Color:** 2700K Warm White
- **Lumen Output:** 500 Lumens
- **Beam Angle:** 270° (soft, glare-free illumination)
- **Material:** Rugged Aluminum Housing
- **Waterproof Rating:** IP67
- **Weather Resistance:** Operates from -22°F to 104°F (-30°C to 40°C)
- **Dimensions:** 17.71" (Height including stake) x 2.56" (Diameter)

- **Bulbs:** Non-replaceable integrated LED

3.2. RGBW Solar Fence Lights

- **Power Source:** Solar-powered
- **Light Modes:** 5 RGBW modes (Red, Green, Blue, Warm White fixed colors; RGBW Breath Cycle)
- **Housing Material:** Durable plastic (implied from typical solar light construction)
- **Dimensions:** Approximately 5.51" x 5.51" x 4.72" (Refer to Figure 3.1 for detailed sizing)
- **Compatibility:** Suitable for flat surfaces, 4x4 PVC posts (true size 4x4), 4x4 wood posts (true size 3.5x3.5), and 4x6 wood posts (shallow base).



Figure 3.1: Solar Fence Light Dimensions and Post Compatibility Chart.

4. SETUP AND INSTALLATION

4.1. Low Voltage Landscape Pathway Lights Installation

These lights require a 12V low voltage transformer and low voltage wiring (not included). Ensure these components are purchased separately and are compatible with your setup.

1. **Step 1:** Open the base of the pathway light and remove any required internal parts.
2. **Step 2:** Open the quick-install wire connector and pull out the filament.
3. **Step 3:** Thread the low voltage cable (not included) through the base of the light from the front.
4. **Step 4:** Pass the cable through the fixing holes in the light's base.
5. **Step 5:** Open the wire connector, insert the light's filament into it, and push it downwards.
6. **Step 6:** Insert the power cord from your low voltage wiring between the two metal pins in a flat position within the connector.
Tighten the connector securely.
7. **Step 7:** Align the light's socket with the gap in the ground stake and insert it.
8. **Step 8:** Insert the ground stake firmly into the desired location in the soil. Ensure the light is stable and upright.

INSTALLATION



STEP 1:
Open The Base And Take
Out The Required Parts



STEP 2:
Open The Connector And
Pull Out The Filament



STEP 3:
Thread The Cable Through
The Base From The Front



STEP 4:
Passing Through The
Fixing Holes



STEP 5:
Open The Connector,
Insert The Filament And
Push It Downwards



STEP 6:
Insert The Power Cord
Between The Two Metal
Pins In A Flat Position And
Tighten The Connector



STEP 7:
Align The Socket With The
Gap And Insert It Into The
Floor



STEP 8:
Installation Completed

Figure 4.1: Pathway Light Installation Steps.

4.2. RGBW Solar Fence Lights Installation

These solar lights are designed for easy placement on fence posts or flat surfaces.

- **Location Selection:** Choose a location where the solar panel on top of the light will receive at least 6-8 hours of direct sunlight daily for optimal charging. Avoid shaded areas.
- **Mounting:** The lights can be placed directly on a flat surface or mounted onto compatible fence posts (refer to Figure 3.1 for

post compatibility). Use appropriate screws or adhesive (not included) if permanent mounting is desired.

- **Initial Charge:** Allow the lights to charge in direct sunlight for at least 24-48 hours before first use to ensure the battery is fully charged.

5. OPERATION

5.1. Low Voltage Landscape Pathway Lights Operation

Once properly installed and connected to a 12V low voltage transformer, the pathway lights will illuminate automatically when the transformer is powered on, typically controlled by a timer or photocell on the transformer.

- The lights emit a consistent 2700K warm white light.
- There are no manual controls on the individual pathway lights.

5.2. RGBW Solar Fence Lights Operation

The solar fence lights feature multiple color modes.

1. **Power On:** Locate the power button (usually on the underside or side of the light). Long press the button for approximately 3 seconds to turn on the light.
2. **Mode Switching:** Once powered on, short press the button to cycle through the 5 available RGBW modes:
 - Mode 1: Red (fixed)
 - Mode 2: Green (fixed)
 - Mode 3: Blue (fixed)
 - Mode 4: Warm White (fixed)
 - Mode 5: RGBW Breath Cycle (colors transition smoothly)
3. **Automatic Operation:** The lights will automatically turn on at dusk and turn off at dawn, using the last selected color mode, provided they have sufficient charge.

POST CAP SIZE CHART



POST CAP SIZING CHART				
Suitable Size	Flat Surface	4X4 PVC Ture Size 4x4	4X4 Wood Ture Size 3.5x3.5	4X6 Wood (It Only Covers The Top)
	✓	✓	✓	✓



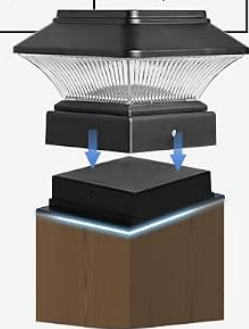
Flat Surface



4X4
PVC Post
(True Size: 4x4)



4X4
Wood Post
(Ture Size: 3.5x3.5)



4x6
Wood Post
(shallow base)

Figure 5.1: RGBW Mode Selection for Solar Fence Lights.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your lights.

- **Cleaning:** Periodically wipe down the lights with a soft, damp cloth to remove dirt, dust, and debris. For solar fence lights, ensure the solar panel is kept clean for efficient charging.

- **Pathway Lights:** Check wiring connections periodically to ensure they remain secure and free from corrosion. Ensure the ground stakes are firmly in place.
- **Solar Fence Lights:** If the lights are not performing optimally, ensure the solar panel is not obstructed by leaves, snow, or other debris.
- **Weather Resistance:** Both types of lights are designed for outdoor use and are weather-resistant. However, during extreme weather conditions (e.g., severe storms, prolonged heavy snow), it is advisable to inspect them for any damage.

7. TROUBLESHOOTING

If you encounter issues with your lights, refer to the following common troubleshooting steps.

- **Pathway Lights Not Illuminating:**
 - Check the low voltage transformer to ensure it is powered on and functioning correctly.
 - Verify all wire connections are secure and properly seated in the quick-install connectors.
 - Inspect the low voltage wiring for any cuts or damage.
 - Ensure the bulbs are not replaceable and the integrated LEDs are functioning.
- **Solar Fence Lights Not Illuminating or Dim:**
 - Ensure the solar panel is clean and free from obstructions.
 - Verify the lights have received sufficient direct sunlight (6-8 hours) for charging.
 - Confirm the power button has been long-pressed to turn the light on.
 - If the light is new, allow 24-48 hours of initial charging.
- **Damaged or Missing Parts:** If you receive non-working, damaged, or missing parts, please contact the MOON-DE-AGE Support Team immediately for assistance.

8. WARRANTY AND SUPPORT

MOON-DE-AGE stands by the quality of its products.

- **Warranty:** This product is covered by a **1-Year Replacement Warranty** from the date of purchase.
- **Support:** Our dedicated MOON-DE-AGE Support Team is available 24 hours to assist you with any questions, concerns, or issues you may have. Please do not hesitate to reach out for prompt assistance.

