

TORCHSTAR Solar Motion Sensor Lights Outdoor & LED Solar Powered Motion Sensor Pathway Lights Bundle

TORCHSTAR Solar Motion Sensor Lights Outdoor and LEONLITE LED Solar Powered Motion Sensor Pathway Lights User Manual

Model: Solar Motion Sensor Lights Outdoor & LED Solar Powered Motion Sensor Pathway Lights Bundle

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TORCHSTAR Solar Motion Sensor Lights Outdoor and LEONLITE LED Solar Powered Motion Sensor Pathway Lights. Please read this manual thoroughly before use to ensure proper function and longevity of your products. Keep this manual for future reference.

2. SAFETY INFORMATION

- Ensure the solar panel receives direct sunlight for optimal charging performance.
- Do not attempt to disassemble or modify the product. This may void the warranty and pose safety risks.
- Keep the product away from fire or extreme heat sources.
- The lights are designed for outdoor use and are IP65 rated for water resistance. However, avoid submerging them in water.
- Handle with care during installation to prevent damage to the solar panel or light components.

3. PACKAGE CONTENTS

The bundle includes the following items:

- 4 x TORCHSTAR Solar Motion Sensor Lights Outdoor (IP65, 6500K, Black)
- 4 x LEONLITE LED Solar Powered Motion Sensor Pathway Lights (6500K)
- Mounting hardware (screws, anchors for wall lights)

- Ground stakes (for pathway lights)
- User Manual



This image displays the complete bundle, featuring four TORCHSTAR solar motion sensor wall lights and four LEONLITE solar pathway lights, showcasing their design and quantity.

4. PRODUCT OVERVIEW

4.1 TORCHSTAR Solar Motion Sensor Lights Outdoor

These wall-mounted solar lights are designed for security and illumination in outdoor areas. They feature a built-in solar panel for charging during the day and a motion sensor to activate lighting at night. With an IP65 waterproof rating, they are suitable for various weather conditions.



A close-up view of four TORCHSTAR solar motion sensor wall lights, highlighting their solar panels and motion sensors.

4.2 LEONLITE LED Solar Powered Motion Sensor Pathway Lights

These pathway lights provide ambient and functional lighting for garden paths, driveways, and yards. They are solar-powered, eliminating the need for wiring, and feature an infrared motion sensor that adjusts brightness based on detected movement.



An image showing four LEONLITE pathway lights installed along a garden path, providing illumination at night.

5. SETUP & INSTALLATION

5.1 TORCHSTAR Solar Motion Sensor Lights Outdoor Installation

1. **Choose Location:** Select a suitable outdoor spot where the light's solar panel can receive direct sunlight for at least 6-8 hours daily. Ensure the location allows for optimal motion detection and desired lighting coverage.
2. **Drill Holes:** Using the provided mounting hardware, mark the positions for drilling holes on the wall. Drill holes and insert wall anchors if necessary.
3. **Mount Light:** Align the light with the drilled holes and secure it firmly using the provided screws.
4. **Activate:** Press the black on/off button located on the light to activate it. The light will then operate according to its selected mode (see Section 6.1).

INSTALLATION STEPS

1. Find a suitable spot and drill a hole



2. Tighten the screws to secure the light



3. Press the black on/off button



Four-step guide for installing the TORCHSTAR wall light: 1. Find a spot and drill a hole. 2. Tighten screws. 3. Press the on/off button. 4. Light is installed.

5.2 LEONLITE LED Solar Powered Motion Sensor Pathway Lights Installation

1. **Choose Location:** Select a location for each pathway light where the solar panel can receive direct sunlight for at least 6-8 hours daily. Ensure the ground is soft enough to insert the ground stake.

2. **Assemble:** Attach the ground stake to the bottom of the pathway light. You may adjust the height by using or removing extension poles if provided.
3. **Insert into Ground:** Gently push the assembled pathway light into the ground. Do not force it, as this may damage the stake or light. If the ground is too hard, loosen it with water or a tool first.
4. **Activate:** Most solar pathway lights have an internal switch that activates automatically at dusk after initial charging. Ensure the light is exposed to sunlight for a full day before first use.

Adjustable Height, Hassle-Free Installation

Sourced from Internet

A photograph of a modern house entrance at night. A paved walkway leads to the entrance, illuminated by small, adjustable pathway lights. The house has large windows and a dark exterior. The text "One Light for All Your Needs, Eliminating The Hassle of Choosing" is overlaid on the image.

One Light for All Your Needs,
Eliminating The Hassle of Choosing

A photograph of a commercial pathway at night. The pathway is illuminated by adjustable pathway lights, creating a bright, well-lit area. The background shows a building with large windows and some trees. The text "Different Lights for Different Place" is overlaid on the image.

Different Lights for Different Place

This image shows the versatility of LEONLITE pathway lights in different outdoor environments, including a modern house entrance and a commercial pathway, emphasizing adjustable height and hassle-free installation.

6. OPERATING INSTRUCTIONS

6.1 TORCHSTAR Solar Motion Sensor Lights Outdoor Modes

The TORCHSTAR wall lights typically feature multiple operating modes, selectable via a button press. The light charges during the day and automatically turns on at night based on the selected mode:

- **Mode 1 - Dusk to Dawn Mode:** The light automatically turns on at dusk and stays on at a low brightness level throughout the night.
- **Mode 2 - Sensor Dimming Mode:** The light stays on at a low brightness level at night. When motion is detected, it brightens to full intensity for approximately 15 seconds, then returns to low brightness.
- **Mode 3 - Sensor Mode (Recommended):** The light remains off at night. When motion is detected, it turns on at full brightness for approximately 15 seconds, then turns off completely if no further motion is detected.

Mode 1 - Dusk to Dawn Mode



Mode 2 - Sensor Dimming Mode



Mode 3 - Sensor Mode (Recommend)



Illustrates three operating modes for the TORCHSTAR wall lights: Mode 1 (Dusk to Dawn), Mode 2 (Sensor Dimming), and Mode 3 (Sensor Mode, recommended).

Motion Detection: These lights have a detection angle of 120 degrees and a detection distance of 10-16 feet. The lighting angle is 270 degrees. If no movement is detected within 15 seconds, the light will automatically turn off (in Sensor Mode) or dim (in Sensor Dimming Mode).



Shows a person walking past a TORCHSTAR wall light, indicating a 270-degree lighting angle and a 10-16 ft detection distance with a 120-degree detection angle. The light turns off after 15 seconds of no movement.

6.2 LEONLITE LED Solar Powered Motion Sensor Pathway Lights Operation

The LEONLITE pathway lights are designed for on-demand lighting. They absorb sunlight during the day and automatically light up at dusk. Their infrared motion sensing functionality operates as follows:

- **No Motion:** The light emits a low-level illumination.
- **Motion Detected:** When people approach and motion is detected, the light brightens to a high intensity.
- **After 30 Seconds No Motion:** If no further motion is detected for approximately 30 seconds, the light dims back to its low-level illumination.

Guarding You All Night, Enhance Nighttime Safety

No Motion
Low Light



Motion Detected
High Light



After 30 Seconds
No Motion
Low Light



Illustrates the motion-sensing behavior of the LEONLITE pathway lights: Low light when no motion, high light when motion detected, and returns to low light after 30 seconds of no motion.

7. MAINTENANCE

- **Clean Solar Panels:** Regularly wipe the solar panels with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures efficient charging.
- **Clear Obstructions:** Ensure no trees, bushes, or structures block direct sunlight from reaching the solar panels, especially during winter months.
- **Inspect for Damage:** Periodically check the lights for any physical damage, loose connections, or signs of wear.
- **Battery Care:** The integrated rechargeable batteries are designed for long life. If the light performance significantly degrades over time, ensure the solar panel is clean and receiving adequate sunlight. Battery replacement is generally not user-serviceable.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient sunlight for charging. Battery not fully charged. Light switch is off.	Ensure solar panel receives 6-8 hours of direct sunlight. Relocate if necessary. Press the on/off button to activate the light.
Light stays on dimly or for a short period.	Partial charge. Solar panel is dirty.	Clean the solar panel. Ensure full day's charge. Check for obstructions.
Motion sensor not working or too sensitive.	Sensor obstructed. Incorrect mode selected.	Ensure sensor lens is clean and unobstructed. Verify the correct operating mode is selected (for TORCHSTAR lights).
Water inside the light casing.	Product damage or improper sealing.	Discontinue use. Contact customer support for assistance.

9. SPECIFICATIONS

9.1 TORCHSTAR Solar Motion Sensor Lights Outdoor

- **Color Temperature:** 6500K (Daylight White)
- **Waterproof Rating:** IP65
- **Motion Detection Angle:** 120°
- **Motion Detection Distance:** 10-16 ft
- **Lighting Angle:** 270°
- **Auto-off/Dim Time:** 15 seconds after no motion
- **Power Source:** Solar Powered

9.2 LEONLITE LED Solar Powered Motion Sensor Pathway Lights

- **Color Temperature:** 6500K (Daylight White)
- **Power Source:** Solar Powered
- **Motion Sensing:** Brightens on approach, dims after 30 seconds of no motion
- **Adjustable Height:** Yes
- **Dimensions (approximate):**

- Solar Panel Diameter: 4.02 inches (102mm)
- Base Diameter: 4.13 inches (105mm)
- Height Options: 18.1 inches (460mm) or 24.4 inches (620mm)





Detailed diagram showing the dimensions of the LEONLITE pathway lights, including the solar panel diameter (4.02 inches / 102mm), base diameter (4.13 inches / 105mm), and adjustable heights (18.1 inches / 460mm and 24.4 inches / 620mm).

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact the retailer where the product was purchased. You may also visit the official TORCHSTAR website for customer service contact details.

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