

CREATIVE DESIGN SMSL46

CREATIVE DESIGN 46 LED Solar Gutter Light Motion Sensor Light User Manual

Model: SMSL46

1. PRODUCT OVERVIEW

The CREATIVE DESIGN 46 LED Solar Gutter Light is an outdoor lighting solution designed for various applications such as patios, barns, porches, garages, and stairs. It features 46 bright LEDs, a motion sensor, and multiple operating modes, powered by an integrated solar panel and a rechargeable battery.

Key Features:

- **46 Bright LEDs:** 34 LEDs on the front and 6 LEDs on each side provide over 500 lumens for comprehensive illumination.
- **4 Working Modes:** Offers various lighting options from dusk-to-dawn to motion-activated full brightness.
- **Upgraded Solar Panel:** Features a larger solar panel and a built-in 2600mAh Li-ion battery for faster charging and extended operation.
- **Water Resistance & Heatproof:** Designed for outdoor use with an IP65 rating and durable ABS material to withstand various weather conditions.
- **Easy Installation:** Can be mounted directly on a wall or used with an included mounting pole for optimal solar exposure.

Solar Motion Sensor Light

Fast installation & Hassle-free operation



Image: The solar light unit highlighting the 34 front LEDs and 6 LEDs on each side, providing wide illumination.

2. SAFETY INFORMATION

- Read all instructions before installation and use.
- Do not disassemble or modify the product. Unauthorized modifications may cause damage or injury.
- Keep the product away from fire and extreme heat sources.
- Ensure the mounting surface is stable and can support the weight of the light.
- Avoid looking directly into the LED light when it is active, as it may cause temporary vision impairment.
- Dispose of the battery according to local regulations. Do not dispose of batteries in household waste.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 2 x Motion Sensor Light units
- 4 x Mounting Poles
- 4 x Screws with expansion pillar-hinges

4. INSTALLATION

The solar light offers flexible installation options, either directly on a wall or extended with a mounting pole for optimal solar charging.

Choosing an Installation Location:

Select a location where the solar panel can receive direct sunlight for at least 6-8 hours daily. Avoid areas under eaves, trees, or other obstructions that might block sunlight.

Installation Steps:

1. **Mark Drilling Points:** Hold the light unit or the mounting pole bracket against the desired surface and mark the positions for the screws.
2. **Drill Holes:** Use an appropriate drill bit to drill holes at the marked positions. Insert the expansion pillar-hinges into the drilled holes.
3. **Attach Mounting Pole (Optional):** If using the mounting pole, secure it to the light unit first. The pole is held in place by a screw, allowing rotation for desired angle.
4. **Mount the Light:** Align the mounting holes of the light unit (or the pole bracket) with the expansion pillar-hinges and secure it firmly with the provided screws.



POLY-SILICON SOLAR PANEL

This solar wall light come with bigger solar panel and built-in 2600mAh Li-ion battery which can speed charging time and offer longer working time



Image: An exploded view diagram illustrating the mounting holes for direct wall installation and the rod hole for pole extension.



Intelligent motion & 4 work modes

When motion is detected it provides brightness illumination for security and safety protection for your property



MODE 1



MODE 2



MODE 3



MODE 4



Image: Detailed diagram of the solar motion sensor light, indicating the location of sensors, on/off switch, LED arrangement, and installation points.

Your browser does not support the video tag.

Video: A demonstration showing the brightness and ease of installation of the solar light, illuminating a garage area at night.

5. OPERATION

The solar light features an on/off switch and a motion sensor to control its four distinct working modes.

Activating the Light:

Before first use, ensure the light is charged under direct sunlight for at least 8 hours. Use the on/off switch to activate the unit.

Working Modes:

The light cycles through four modes, which can typically be selected via a button on the unit or a remote control (if included). Refer to the product packaging for specific mode selection instructions.

- **Mode 1 (1/4 Brightness):** The light automatically turns on at 1/4 brightness from dusk to dawn, providing continuous low-level illumination.
- **Mode 2 (1/2 Brightness):** The light automatically turns on at 1/2 brightness from dusk to dawn, providing continuous medium-level illumination.
- **Mode 3 (Dim Light + Motion Sensor Full Brightness):** The light stays on at a dim level from dusk to dawn. When motion is detected, it switches to full brightness for a set duration (e.g., 15-30 seconds), then returns to dim.
- **Mode 4 (Off + Motion Sensor Full Brightness):** The light remains off. When motion is detected, it turns on at full brightness for a set duration (e.g., 15-30 seconds), then turns off.



Image: Visual representation of the four operating modes, showing the light intensity and motion sensor activation.

6. CHARGING

The solar light is powered by a built-in rechargeable Li-ion battery, which is charged by the integrated poly-silicon solar panel.

- Ensure the solar panel is clean and free from dirt, dust, or debris to maximize charging efficiency.
- Position the light in an area that receives maximum direct sunlight throughout the day.
- Charging time may vary depending on weather conditions and sunlight intensity.



Image: The poly-silicon solar panel on the light unit, demonstrating its function in absorbing solar energy to charge the internal battery.

7. MAINTENANCE

- **Cleaning:** Regularly wipe the solar panel with a soft, damp cloth to remove any accumulated dust, dirt, or snow. A clean panel ensures optimal charging performance.
- **Battery Care:** The built-in Li-ion battery is designed for long-term use. If the light's performance diminishes over time, ensure the solar panel is receiving adequate sunlight. The battery is not user-replaceable.
- **Inspection:** Periodically check the mounting screws and brackets to ensure they remain secure.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel is in direct sunlight for 6-8 hours daily. Clean the solar panel.
Light is dim or only stays on for a short period.	Battery not fully charged or aging battery.	Relocate the light to an area with more direct sunlight. Ensure the solar panel is clean.
Motion sensor is not detecting movement.	Sensor obstructed or incorrect mode.	Ensure the sensor lens is clean and unobstructed. Verify the light is in Mode 3 or Mode 4.
Light flashes or behaves erratically.	Low battery or internal fault.	Allow the light to charge fully in direct sunlight. If the problem persists, contact customer support.

9. SPECIFICATIONS

Feature	Specification
Brand	CREATIVE DESIGN
Model Number	SMSL46
Light Source	46 LED (34 front, 6 each side)
Brightness	500 Lumens
Power Source	Solar Powered
Battery	Built-in 2600mAh Li-ion
Material	Acrylonitrile Butadiene Styrene (ABS)
Water Resistance Rating	IP65
Control Method	Push Button (on unit)
Mounting Type	Pole, Wall Mount
Item Dimensions (L x W x H)	8"L x 1.2"W x 4.9"H
Item Weight	1.4 Pounds

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact CREATIVE DESIGN customer service directly. Keep your purchase receipt for warranty claims.

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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.

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