Luposwiten LP-SL-100D

Luposwiten 100 LED Solar Motion Sensor Outdoor Lights (4 Pack) - Instruction Manual

Model: LP-SL-100D

Introduction

Thank you for choosing Luposwiten Solar Motion Sensor Outdoor Lights. This manual provides essential information for the proper installation, operation, and maintenance of your new solar lights. Please read these instructions carefully before use to ensure optimal performance and longevity of the product.

Product Features

- **Wider Lighting Angle & Larger Range:** Equipped with 100 powerful LEDs and a 125° wide lighting angle, these lights produce 2000 lumens, providing excellent brightness and illumination coverage for areas up to 35 square meters.
- **Easy to Install:** Designed for simple installation without the need for wiring or external batteries.
- **Motion Sensor Working Mode:** The Luposwiten motion sensor light automatically turns on and stays lit for approximately 30 seconds when motion is detected in the dark. It operates in an On/Off mode only (no dimming or dusk-to-dawn functionality).
- **Wide Range of Applications:** With an IP65 waterproof and heatproof rating, these outdoor security lights are suitable for walls, patios, gardens, porches, lawns, pathways, gutters, and more. They are designed to withstand extreme weather conditions.
- **Quality Guaranteed:** Includes a 6-month warranty. The solar security lights are certified by FCC, CE, and ROSH.

What's in the Box

- Luposwiten 100 LED Solar Motion Sensor Outdoor Lights (4 units)
- User Manual
- Keypin (for activation)
- Screws (for mounting)
- Pillow hinge (mounting hardware)

Setup and Installation

Follow these steps for proper setup and installation of your solar lights:

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Ensure all items listed in 'What's in the Box' are present and undamaged.
2. **Remove Protective Film:** Locate and gently peel off the protective film from the solar panel on top of each light unit.
3. **Activate the Light:** Use the provided keypin to press the small switch located near the motion sensor. You should feel a click, indicating the light is activated.
4. **Initial Charge:** Place the solar lights in an area where the solar panel can receive direct sunlight for 1-2 full days before the first use. This ensures the internal battery is fully charged for optimal performance.
5. **Select Installation Location:** Choose a location that receives ample direct sunlight throughout the day and where motion detection is desired. The optimal installation height is between 6.5 and 13 feet.
6. **Mark and Drill:** Measure the size to determine the exact installation location. Mark the positions for the screws. Drill one hole for mounting.
7. **Mount the Light:** Securely install the light using the included screws and pillow hinges.



Figure 1: Diagram illustrating the simple four-step installation process: measure, unlock/activate, drill, and mount for bright illumination.

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Video 1: A seller's review demonstrating the unboxing and activation process of the Luposwiten LED Solar Motion Sensor Lights.

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Video 2: A seller's video showcasing the unboxing, activation, and initial impressions of the bright solar lights with motion sensors.

Operating Instructions

The Luposwiten Solar Motion Sensor Outdoor Lights are designed for automatic, hassle-free operation:

- **Automatic Charging:** During the day, the integrated solar panel converts sunlight into electricity and stores it in the internal battery.
- **Automatic Illumination:** At dusk, the light will remain off until motion is detected.
- **Motion Sensor Activation:** When motion is detected within its range (10-16 feet, 125° detection angle), the light will automatically turn on at full brightness.

- **Timed Lighting:** The light will stay on for approximately 30 seconds after motion is detected. If motion continues, the light will remain on. After 30 seconds of no detected motion, the light will turn off.
- **No Dim Mode:** Please note that these lights operate strictly in an On/Off mode. There is no dim light setting or continuous dusk-to-dawn illumination.

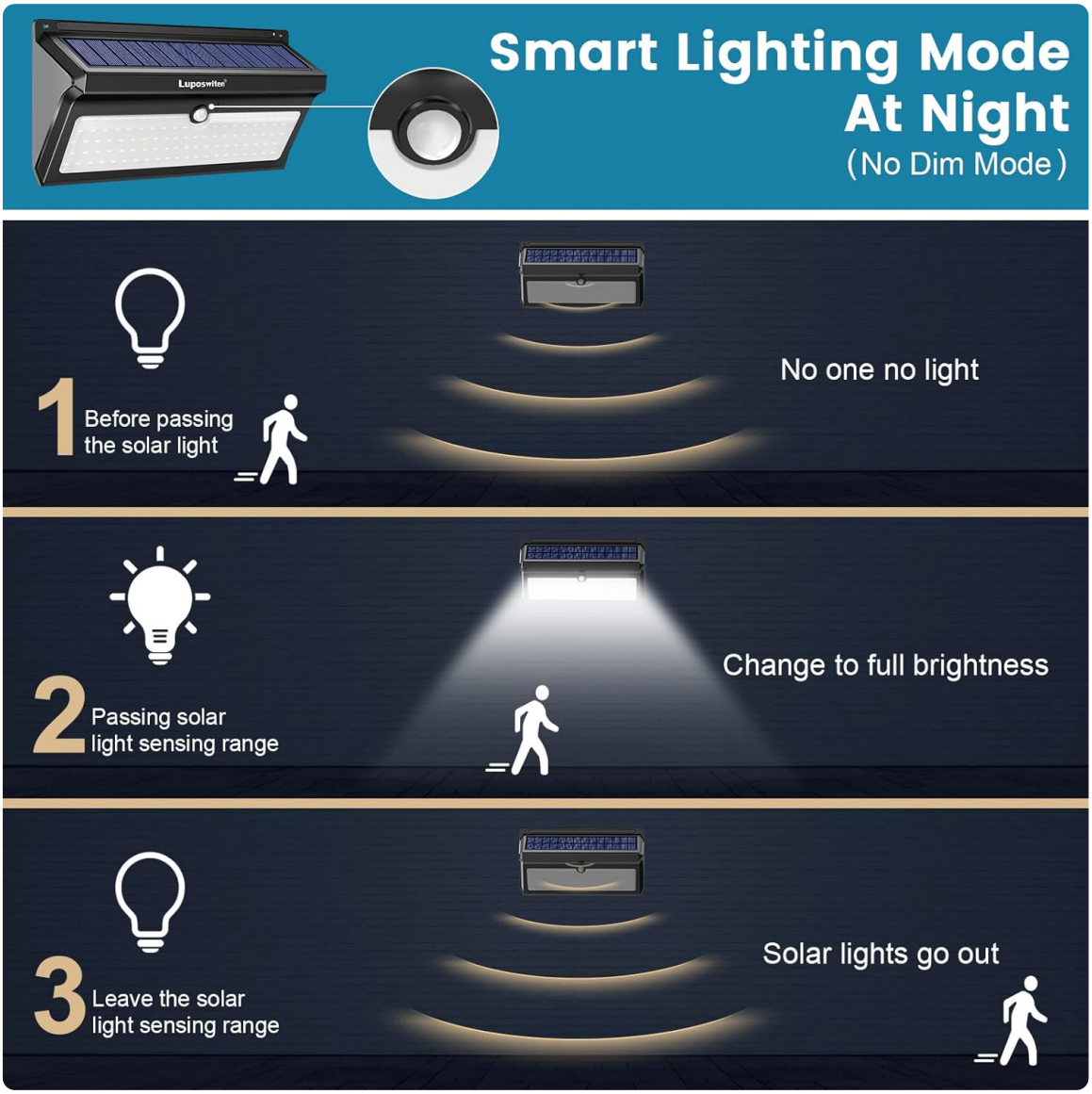


Figure 2: Diagram illustrating the motion sensor's operation: no light when no motion, full brightness when motion detected, and turning off after 30 seconds of no motion.



Figure 3: Illustration showing the solar light charging during the day and automatically illuminating at night when

motion is detected.

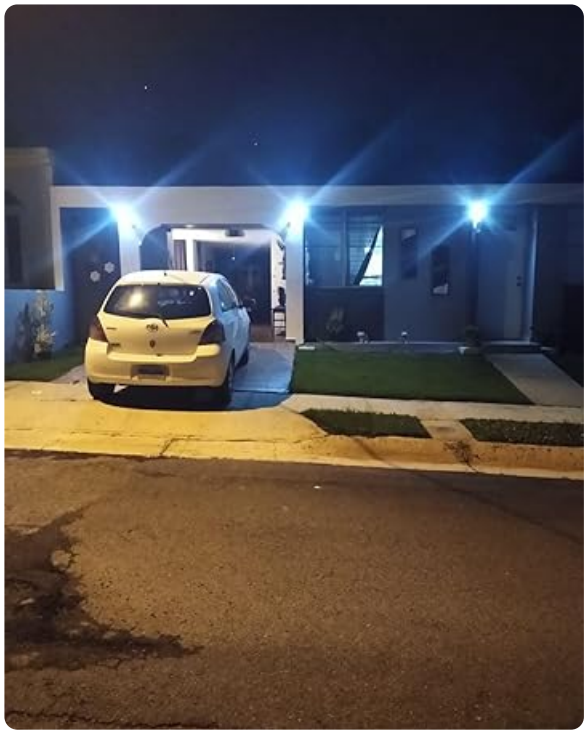


Figure 4: Close-up of the responsive motion sensor, capable of detecting movement from humans, animals, and cars.

Maintenance

To ensure your Luposwiten Solar Lights continue to perform effectively, follow these simple maintenance guidelines:

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and efficient charging.
- **Optimal Placement:** Periodically check that the light's location still receives at least 8 hours of direct, unobstructed sunlight daily. Trim any new foliage that may be shading the panel.
- **Environmental Protection:** While the lights are IP65 waterproof and heatproof, extreme conditions can still impact performance. Ensure they are securely mounted to withstand strong winds.



Figure 5: Image highlighting the IP65 waterproof, heat-resistant, frost-resistant, and wind-proof features of the solar lights, ensuring durability in various weather conditions.

Troubleshooting

If you encounter any issues with your Luposwiten Solar Lights, please refer to the following common troubleshooting steps:

- **Light Not Turning On:**
  - Ensure the light has been activated using the supplied keypin.
  - Verify the solar panel is clean and receiving sufficient direct sunlight (at least 8 hours daily).
  - Allow 1-2 days for initial full charge after activation.
- **Light Not Bright Enough or Short Duration:**
  - Check for any obstructions (trees, buildings, shadows) blocking sunlight from reaching the solar panel.
  - Ensure the light is not installed near other strong light sources (e.g., streetlights) that might prevent the motion sensor from activating in the dark.
  - Insufficient charging due to cloudy weather or short daylight hours can affect performance.
- **Motion Sensor Not Responding:**
  - Confirm the light is activated.
  - Ensure there are no obstructions directly in front of the motion sensor.
  - Test the sensor by moving within its detection range in a dark environment.

If problems persist after following these steps, please contact Luposwiten customer support for assistance.

Specifications



Figure 6: Diagram detailing key specifications of the Luposwiten 100 LED Solar Light, including dimensions, LED type, sensor, solar panel, and switch hole.

Feature	Detail
Brand	Luposwiten
Model Number	LP-SL-100D
Number of LEDs	100
Brightness	2000 Lumens
Lighting Angle	125°
Motion Detection Range	10-16 feet
Motion Sensor Type	PIR (Passive Infrared)
Lighting Duration (Motion)	Approx. 30 seconds

Feature	Detail
Power Source	Solar Powered
Battery Capacity	2600mAh
Water Resistance Level	IP65 Waterproof
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Dimensions (L x W x H)	10.3"L x 5.3"W x 2.7"H
Item Weight	3.44 Pounds (for 4 units)
Certifications	FCC, CE, ROSH

Warranty and Support

Your Luposwiten Solar Motion Sensor Outdoor Lights come with a**6-month manufacturer's warranty**.

For any product inquiries, technical support, or warranty claims, please contact Luposwiten customer service. If your lights are not functioning as expected, especially if they are not turning on, please reach out to us directly for assistance.

Contact information can typically be found on the product packaging or the official Luposwiten website.