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JESLED SW-SWL80-01

JESLED LED Solar Flood Lights Outdoor User Manual

Brand: **JESLED** | Model: **SW-SWL80-01**

1. Introduction

Thank you for choosing the JESLED LED Solar Flood Lights. This product is designed to provide efficient and reliable outdoor illumination using solar power. Featuring three adjustable light heads and multiple sensing modes, it offers versatile lighting solutions for various outdoor environments such as porches, garages, gardens, and pathways. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your solar flood lights.



This image displays two units of the JESLED LED Solar Flood Lights, each featuring a solar panel and three adjustable light heads, designed for outdoor use.

2. Safety Information

Please read all safety instructions carefully before installing or using the product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the installation surface is stable and can support the weight of the light.
- Do not disassemble, repair, or modify the product. Contact qualified personnel for service.
- Keep the product away from flammable or explosive materials.
- The product is IP65 waterproof, meaning it is protected against dust and low-pressure water jets. However, do not immerse it in water.
- Install the light in a location where it receives sufficient direct sunlight for optimal charging.
- Avoid looking directly into the LED lights when they are on, as this may cause eye strain.

3. Package Contents

Verify that all items are included in the package:

- 1 x JESLED LED Solar Flood Light
- 1 x Installation Sticker (Drill Schematic)
- 3 x Screws
- 3 x Wall Plugs

4. Setup and Installation

Follow these steps to properly install your JESLED LED Solar Flood Light:

1. **Choose Installation Location:** Select a location that receives ample direct sunlight throughout the day to ensure the solar panel charges effectively. The light should be installed at a height of approximately 2-3 meters for optimal motion detection and light coverage.
2. **Determine Drilling Position:** Use the provided installation sticker (drill schematic) to mark the three drilling points on the wall.



This image shows how to use the provided sticker to accurately determine the installation position and mark the three required holes.

3. **Drill Holes:** Drill holes at the marked positions.
4. **Insert Wall Plugs:** Gently insert the three wall plugs into the drilled holes.
5. **Install Screws:** Insert the three screws into the wall plugs. Do not tighten them completely; leave enough space between the wall and the screw heads for the light to be mounted.
6. **Mount the Light:** Align the light's mounting holes with the partially installed screws. Push the light down firmly to ensure it self-locks onto the screws.



This image displays the back of the solar light with its mounting holes and illustrates the process of fitting it onto the screws on the wall.

7. **Activate the Light:** Locate the On/Off switch on the back of the light (often a small button or pinhole switch). Press it to activate the light.



This diagram highlights the location of the On/Off switch on the back of the unit, the motion sensor, and the solar panel, along with product dimensions.

Installation Video Guide:

[redacted]

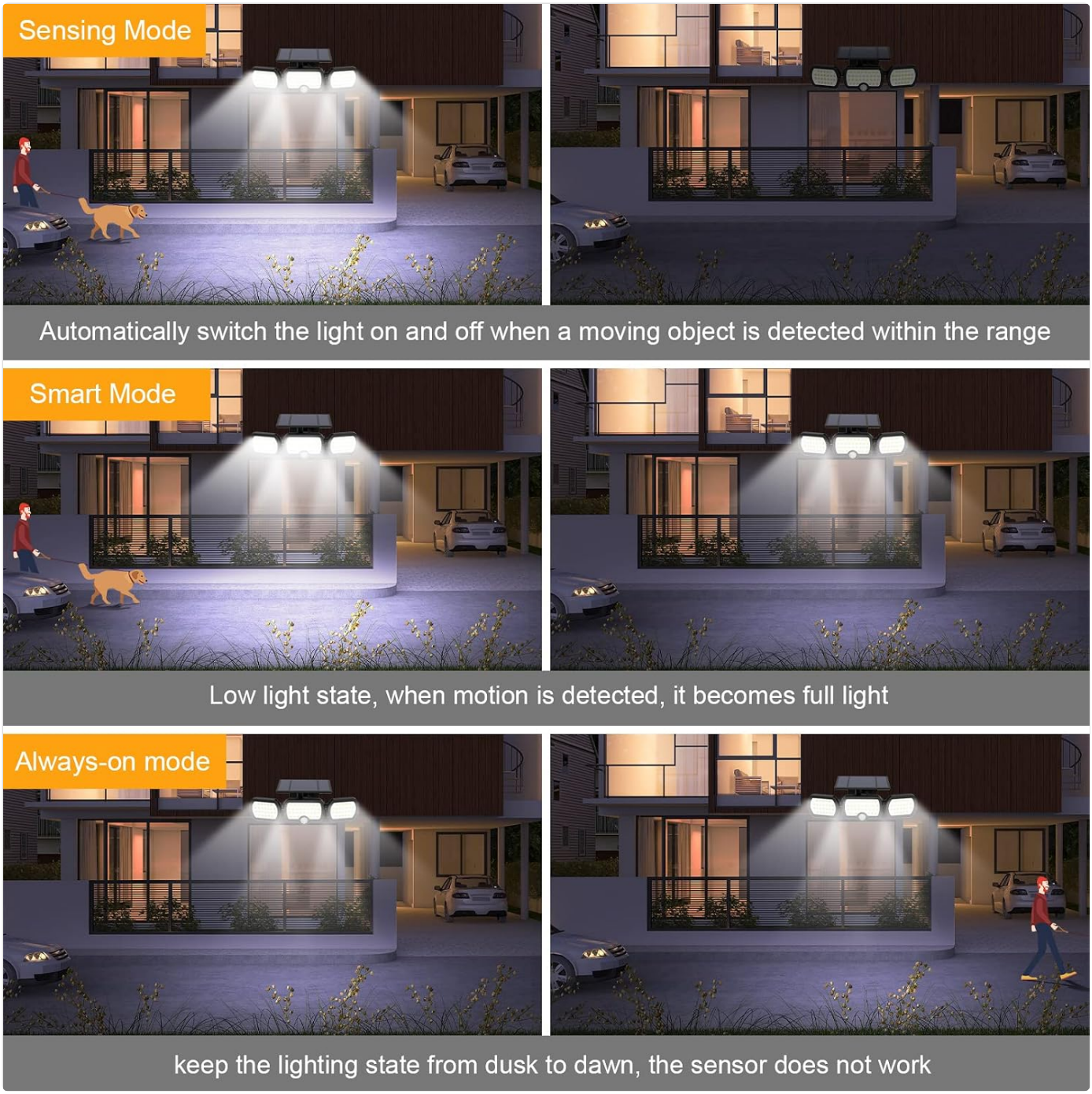
This video provides a visual guide for unboxing and installing the JESLED 3 Head Motion Sensor Light Outdoor, demonstrating each step from opening the package to mounting the light on a wall.

5. Operating Modes

The JESLED Solar Flood Light features three distinct working modes to suit various lighting needs. The PIR motion sensor has a detection distance of approximately 10-15 feet.

- **Sensor Mode:** In this mode, the light remains off until motion is detected. Upon detection, it illuminates at full brightness. After a period of no motion, the light turns off.
- **Sensor & Dim Mode:** The light stays in a dim state when no motion is detected. When motion is sensed, it switches to full brightness. Once motion ceases, it reverts to the dim state.

- **Always the Dim Mode:** The light remains on at approximately 30% brightness from dusk to dawn, regardless of motion detection. The motion sensor is inactive in this mode.



This image visually explains the three distinct working modes of the light: 'Sensing Mode' for full brightness on motion, 'Smart Mode' for low light with full brightness on motion, and 'Always-on Mode' for continuous dim lighting from dusk to dawn.

The three light heads are 360° rotatable, allowing you to adjust the light angle to meet larger security distances and cover wider areas.



This image illustrates the wide 300-degree beam angle of the JESLED solar motion light, providing illumination for large outdoor spaces with a sensing distance of 3-5 meters.

Working Modes Demonstration Video:

This video demonstrates the three working modes of the JESLED solar flood light: Sensor Mode, Sensor & Dim Mode, and Always the Dim Mode, showcasing their functionality in a real-world setting.

6. Maintenance

To ensure the long-term performance and efficiency of your solar flood lights, regular maintenance is recommended:

- **Clean Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Check for Obstructions:** Ensure no trees, buildings, or other objects are blocking direct sunlight from reaching the solar panel, especially during peak sunlight hours.

- **Inspect for Damage:** Regularly check the light for any physical damage, loose connections, or signs of wear.
- **Weather Resistance:** The IP65 rating ensures the light is protected against rain, snow, and heat. No special weather-related maintenance is typically required beyond ensuring the solar panel is clear.



This image shows the JESLED solar flood light being splashed with water, emphasizing its IP65 waterproof, heat, and frost resistance, making it suitable for various weather conditions.

7. Troubleshooting

If you encounter issues with your JESLED LED Solar Flood Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Light does not turn on at night.	Solar panel not receiving enough direct sunlight. On/Off switch is off. Battery is depleted or faulty.	Relocate the light to an area with maximum direct sunlight. Ensure the On/Off switch on the back of the light is in the "On" position. Allow the light to charge for 1-2 sunny days before first use. If issues persist, contact customer support.
Light is dim or stays on for a short period.	Insufficient charging due to cloudy weather or obstructions. Solar panel is dirty. Battery capacity reduced over time.	Clean the solar panel and ensure it is free from debris. Verify the light's location receives adequate direct sunlight. Consider replacing the battery if the product is old and performance has significantly degraded.
Motion sensor not working or too sensitive.	Sensor obstructed or dirty. Incorrect mode selected. Interference from other light sources.	Clean the motion sensor lens. Ensure the light is set to "Sensor Mode" or "Sensor & Dim Mode". Adjust the light's position to avoid interference from other lights or reflective surfaces.

8. Specifications

Feature	Detail
Brand	JESLED
Model Number	SW-SWL80-01
Color	White
Material	Acrylonitrile Butadiene Styrene
Light Fixture Form	Floodlight
Room Type	Garage, Porch, Garden, Pathway
Product Dimensions	9.06"L x 8.66"W x 3.94"H (approx. 23 x 22 x 10 cm)
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Special Feature	Waterproof (IP65)
Light Source Type	LED
Number of Light Sources	80 LEDs
Voltage	4.2 Volts
Wattage	3.5 watts
Item Weight	2.59 pounds (approx. 1.17 kg)
Number of Items	2 (in a pack)

Feature	Detail
Mounting Type	Wall Mount
Batteries	1 Lithium Polymer battery required (included)
PIR Motion Detecting Distance	10-15 ft (approx. 3-5 meters)
Light Angle	360° Rotatable (heads), 300° Wide Angle Lighting

9. Warranty and Support

JESLED is committed to providing high-quality products and customer satisfaction. While specific warranty details are not provided in this manual, we encourage you to retain your proof of purchase for any warranty claims.
For any questions, technical assistance, or issues encountered during the use of your JESLED LED Solar Flood Lights, please contact our customer service team. We aim to respond to all inquiries within 24 hours.
Customer Service Contact: Please refer to the contact information provided on the product packaging or the official JESLED website.



This image indicates that customers should contact JESLED customer service first for any issues, with a promise of feedback within 24 hours.

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