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JESLED SW-SWL80-01

JESLED Solar Flood Lights Outdoor Instruction Manual

Model: SW-SWL80-01

1. Introduction

Thank you for choosing the JESLED Solar Flood Lights Outdoor. This product is designed to provide efficient and reliable outdoor illumination using solar power, featuring a motion sensor and adjustable light heads for versatile lighting solutions. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your light.



Image 1.1: Overview of the JESLED Solar Flood Light.

2. Safety Information

- Ensure the solar panel receives adequate direct sunlight for optimal charging.
- Do not disassemble, modify, or attempt to repair the product. This may cause damage and void the warranty.
- Keep the product away from fire or high temperatures to prevent battery explosion or leakage.
- Avoid direct eye exposure to the bright LED light.

- Install the light in a stable location where it will not fall or be easily damaged.
- This product is IP65 waterproof, suitable for outdoor use, but do not immerse it in water.

3. Package Contents

Please check the package for the following items:

- 1 x JESLED Solar Flood Light Unit (with 3 Adjustable Light Heads and integrated Solar Panel)
- 1 x Remote Control
- Mounting Screws and Wall Plugs
- 1 x User Manual (this document)

4. Product Features

- **High Brightness:** Equipped with 80 LEDs, providing up to 1760 lumens of bright white light (6000K).
- **Solar Powered:** Energy-efficient design with a built-in solar panel for automatic charging during the day.
- **Motion Sensor:** Integrated PIR motion sensor detects movement within 3-5 meters, activating the light.
- **3 Lighting Modes:** Offers Sensing Mode, Smart Mode, and Always-on Mode for various lighting needs.
- **Adjustable Light Heads:** Three independently adjustable light heads provide a wide 300-degree beam angle for comprehensive coverage.
- **Durable & Weatherproof:** IP65 waterproof rating ensures reliable performance in various weather conditions, including heat and frost.



Image 4.1: The light features a 360-degree rotatable design for adjustable light angles, ensuring wide coverage.



Image 4.2: The light provides a 300-degree wide beam angle and has a sensing distance of 3-5 meters.



Image 4.3: The light is IP65 waterproof and designed to withstand various weather conditions, including extreme heat and frost.

5. Setup and Installation

Follow these steps for proper installation:

1. **Choose a Location:** Select a location that receives direct sunlight for at least 6-8 hours a day to ensure optimal charging of the solar panel. The installation height should be between 2-3 meters for effective motion detection.
2. **Initial Activation:** Before mounting, locate the On/Off switch on the unit. Turn on the switch. It is recommended to allow the light to charge for a full day in direct sunlight before first use.



Image 5.1: Turn on the switch before installation.

3. **Test Functionality:** After turning on, cover the solar panel completely with your hand or place the light upside down in a dark environment to test if the light activates. If it lights up, it is functioning correctly.



Image 5.2: Test the light by covering the solar panel.

4. **Mounting:** Use the provided screws and wall plugs to securely mount the light to a wall or desired surface. Ensure the solar panel is facing upwards towards the sun.
5. **Adjust Light Heads:** Once mounted, adjust the three light heads to direct illumination to your desired areas.

6. Operating Modes

The JESLED Solar Flood Light offers three distinct operating modes, selectable via the remote control:

- **Mode 1: Sensing Mode**
  The light remains off until motion is detected. When motion is detected, the light turns on at full brightness for a set duration (e.g., 15-30 seconds), then turns off automatically if no further motion is detected. This mode is ideal for security and energy saving.
- **Mode 2: Smart Mode**
  The light stays on at a low brightness level (dim light) from dusk to dawn. When motion is detected, it switches to full brightness for a set duration, then returns to dim light. This mode provides continuous ambient lighting with a boost for activity.
- **Mode 3: Always-on Mode**
  The light turns on at dusk and stays on at a constant brightness level (usually medium to high) throughout the night until dawn or battery depletion. The motion sensor is inactive in this mode. This mode is suitable for continuous illumination of an area.

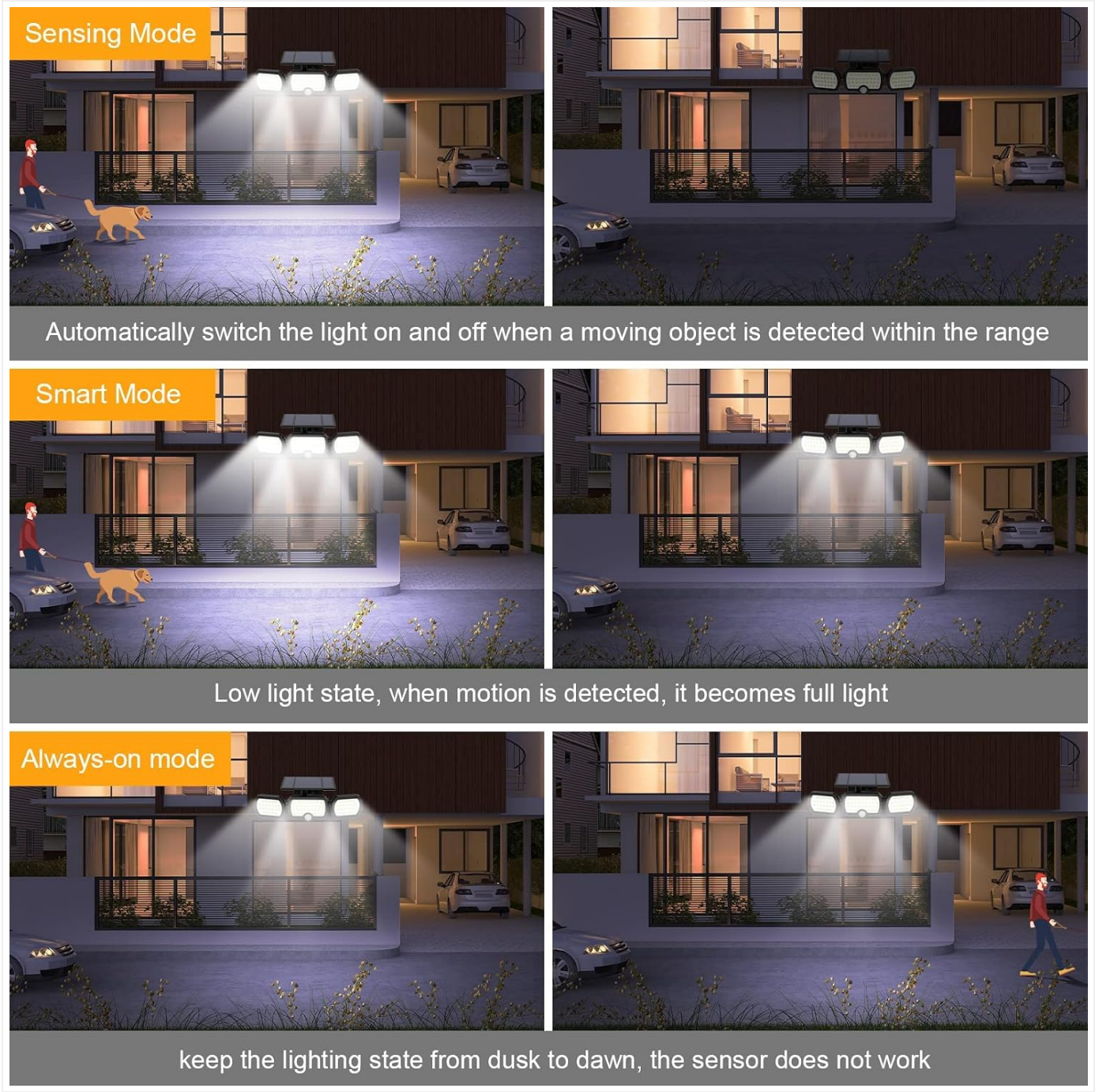


Image 6.1: Visual representation of the three operating modes.

7. Maintenance

To ensure optimal performance and extend the lifespan of your JESLED Solar Flood Light, follow these maintenance tips:

- **Clean the 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 charging efficiency.
- **Check Mounting:** Periodically inspect the mounting screws and ensure the light is securely fastened to prevent accidental falls.
- **Clear Obstructions:** Ensure no new obstructions (e.g., growing tree branches) are blocking direct sunlight from reaching the solar panel.

8. Troubleshooting

If your JESLED Solar Flood Light is not functioning as expected, consider the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient charging; switch is off; sensor malfunction.	Ensure solar panel receives 6-8 hours of direct sunlight daily. Check if the On/Off switch is in the 'ON' position. Test the light by covering the solar panel in a dark environment.
Light stays dim or turns off quickly.	Insufficient charge; selected mode.	Allow more charging time. Verify the selected operating mode (e.g., Smart Mode will be dim until motion).
Motion sensor not detecting.	Incorrect installation height; obstruction; sensor dirty.	Ensure installation height is 2-3 meters. Clear any obstructions in front of the sensor. Clean the sensor lens.
Light flickers.	Low battery; loose connection.	Allow the light to fully charge. Check for any loose connections if accessible (do not disassemble).

9. Specifications

Feature	Specification
Brand	JESLED
Model Number	SW-SWL80-01
Light Source Type	LED
Number of LEDs	80
Brightness	1760 Lumens
Color Temperature	6000 Kelvin (White Light)
Power Source	Solar Powered
Battery Type	1 Lithium Ion battery (included)
Motion Sensor Range	3-5 meters
Beam Angle	300 degrees
Water Resistance Level	IP65 Waterproof
Material	Acrylonitrile Butadiene Styrene
Product Dimensions	3.94"L x 4.33"W x 1.57"H (Unit dimensions)
Item Weight	1.34 pounds

10. Warranty and Support

JESLED products are manufactured to high-quality standards. For any questions, technical support, or warranty claims, please contact JESLED customer service. Refer to the product packaging or the official JESLED website for contact information.

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