JESLED SW-SWL120-1

JESLED Solar Flood Light User Manual

Model: SW-SWL120-1

1. Introduction

Thank you for choosing the JESLED Solar Flood Light. This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your new solar flood light. Please read this manual thoroughly before use to ensure proper function and longevity of the product.

2. Safety Information

- Ensure the solar panel is installed in a location that receives direct sunlight for optimal charging.
- Do not disassemble or modify the product. This may cause damage and void the warranty.
- Keep the product away from fire or extreme heat sources.
- Do not immerse the light fixture in water, although it is IP66 waterproof, prolonged submersion is not recommended.
- Handle the product with care to avoid physical damage.

3. Package Contents

Verify that all components are present in your package:

- JESLED Solar Flood Light (2 units)
- Solar Panel (2 units)
- Remote Control (2 units)
- Mounting Screws and Anchors
- User Manual

4. Product Overview

The JESLED Solar Flood Light system consists of a main light unit with integrated LEDs and motion sensor, and a separate solar panel for charging. It also includes a remote control for convenient operation.



Image: Overview of the JESLED Solar Flood Light package contents, showing the two floodlights, two solar panels, and two remote controls.

5. Setup and Installation

The JESLED Solar Flood Light offers two primary installation methods: Integrated and Separated.

5.1. Integrated Installation

In this method, the solar panel is directly attached to the top of the floodlight unit. This is suitable for locations where the light fixture itself can receive ample direct sunlight.



Image: Illustration of two installation methods: "Integrated" where the solar panel is mounted directly on the light, and "Separated" where the panel is connected via a cable.

5.2. Separated Installation

This method allows the solar panel to be mounted separately from the floodlight unit, connected by a 16.4 ft (5m) cable. This is ideal for areas where the light needs to be placed in a shaded spot, but the solar panel can still access direct sunlight.



Image: Example of separated installation, showing the solar panel mounted on a roof and the floodlight installed below, connected by a 16.4 ft cable.

5.3. Mounting Steps

1. Choose a suitable location for the light and solar panel, ensuring the solar panel receives maximum direct sunlight.
2. Mark the drilling points on the wall using the mounting bracket as a template.
3. Drill holes and insert the provided anchors.
4. Secure the mounting bracket to the wall with screws.
5. Attach the floodlight unit and/or solar panel to the secured bracket.
6. If using separated installation, connect the cable from the solar panel to the floodlight unit.
7. Adjust the angle of the light and solar panel for optimal coverage and charging.

5.4. Installation Video Guide

Your browser does not support the video tag.

Video: Official product video demonstrating the installation methods (integrated and split) and various lighting modes of the JESLED

6. Operating Instructions

The JESLED Solar Flood Light can be controlled using the included remote control, offering multiple lighting modes to suit your needs.

6.1. Remote Control Functions

- **ON/OFF:** Turns the light on or off.
- **M1 (Night Motion Sensor Mode):** Light turns on at 100% brightness when motion is detected at night, then turns off after 20 seconds of no motion.
- **M2 (Low Brightness Sensor Mode):** Light stays at 30% brightness at night, brightens to 100% when motion is detected, then returns to 30% after 20 seconds of no motion.
- **M3 (Low Brightness Mode):** Light stays on at 30% brightness continuously in darkness.
- **M4 (Day & Night Motion Sensor Mode):** Light turns on at 100% brightness when motion is detected both day and night, then turns off after 20 seconds of no motion.
- **M5 (Always On Mode):** Light stays on at 100% brightness continuously, regardless of motion or time of day.

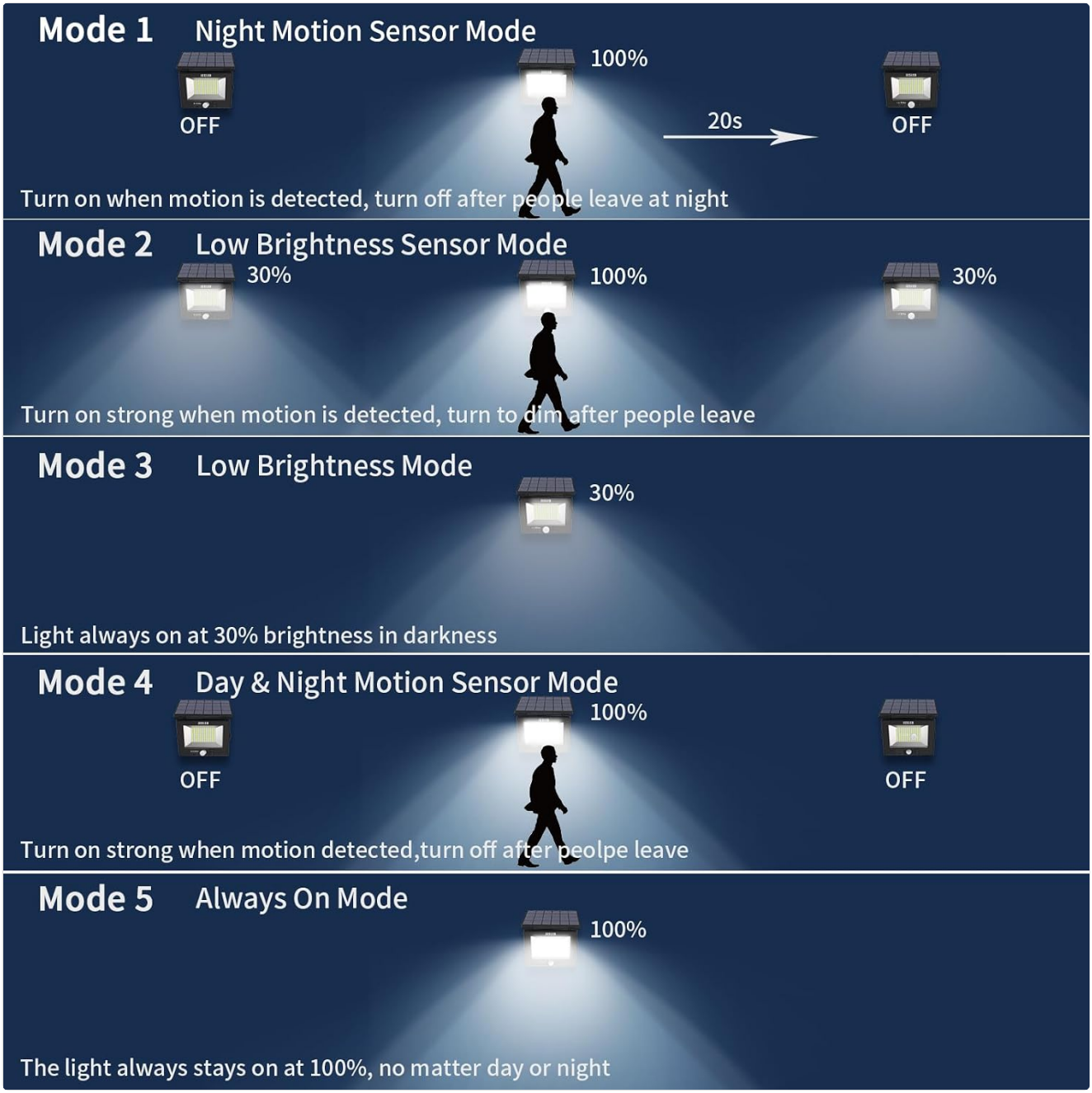


Image: Visual representation of the five operational modes (M1-M5), detailing their brightness levels and motion sensor behavior.



Image: Depiction of the motion sensor's 120-degree detection angle and 16-26 ft detection distance, highlighting remote control functionality.

7. Charging

The JESLED Solar Flood Light is primarily charged by its solar panel during the day. It also features a Type-C charging port for alternative charging methods.

- **Solar Charging:** The solar panel charges the internal 2400 mAh rechargeable battery during daylight hours (typically 6-8 hours for a full charge). The light automatically turns on at night.
- **USB Charging:** For faster charging or during periods of low sunlight, the light can be charged via its Type-C USB port.



Image: Demonstrates the dual charging capabilities: solar charging during the day and an option for USB Type-C charging, with automatic illumination at night.

8. Maintenance

To ensure optimal performance and extend the lifespan of your solar flood light, follow these maintenance guidelines:

- **Clean the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures efficient charging.
- **Clear Obstructions:** Ensure no trees, buildings, or other objects are blocking direct sunlight from reaching the solar panel.
- **Battery Care:** While the battery is included and designed for longevity, avoid prolonged storage in a completely discharged state.
- **Weather Resistance:** The light is IP66 waterproof, heat resistant, and frost resistant, designed to withstand various outdoor conditions.

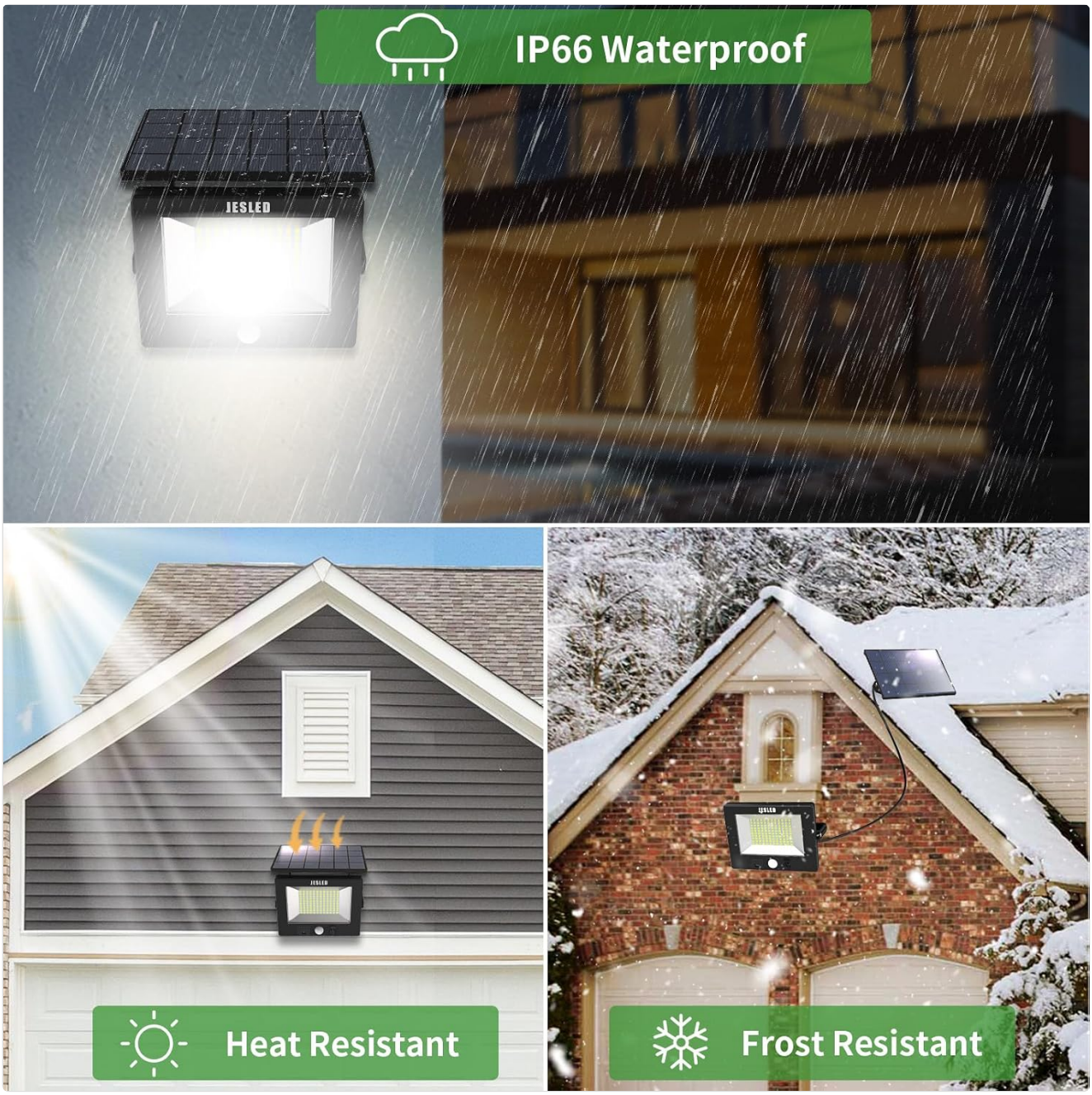


Image: Highlights the durability of the floodlight, showcasing its IP66 waterproof rating, heat resistance, and frost resistance in various weather conditions.

9. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure solar panel is in direct sunlight for 6-8 hours. Clean the solar panel.
Light flickers or is dim.	Low battery charge.	Allow more time for solar charging or use the Type-C USB port to charge.
Motion sensor not working.	Sensor obstructed or incorrect mode.	Clear any obstructions from the sensor. Ensure the light is in M1, M2, or M4 mode.
Remote control not responding.	Battery in remote is dead or remote is too far.	Replace remote control battery. Ensure remote is within 32 ft (10m) range.

10. Specifications

Detailed technical specifications for the JESLED Solar Flood Light:

- **Brand:** JESLED
- **Model Number:** SW-SWL120-1
- **Light Source Type:** LED (120 beads)
- **Brightness:** 3000 Lumen
- **Wattage:** 10 watts
- **Battery:** 2400 mAH Rechargeable Lithium Polymer (included)
- **Power Source:** Solar Powered
- **Water Resistance Level:** IP66 Waterproof
- **Control Method:** Remote Control, Push Button
- **Product Dimensions:** 11.1"L x 2.48"W x 6.97"H
- **Item Weight:** 2.46 pounds (per unit)
- **Material:** Plastic
- **Color:** Black
- **Installation Type:** Wall Mount (Integrated/Separated)
- **Special Features:** Motion Sensor, 5 Lighting Modes, Heat Resistant, Frost Resistant

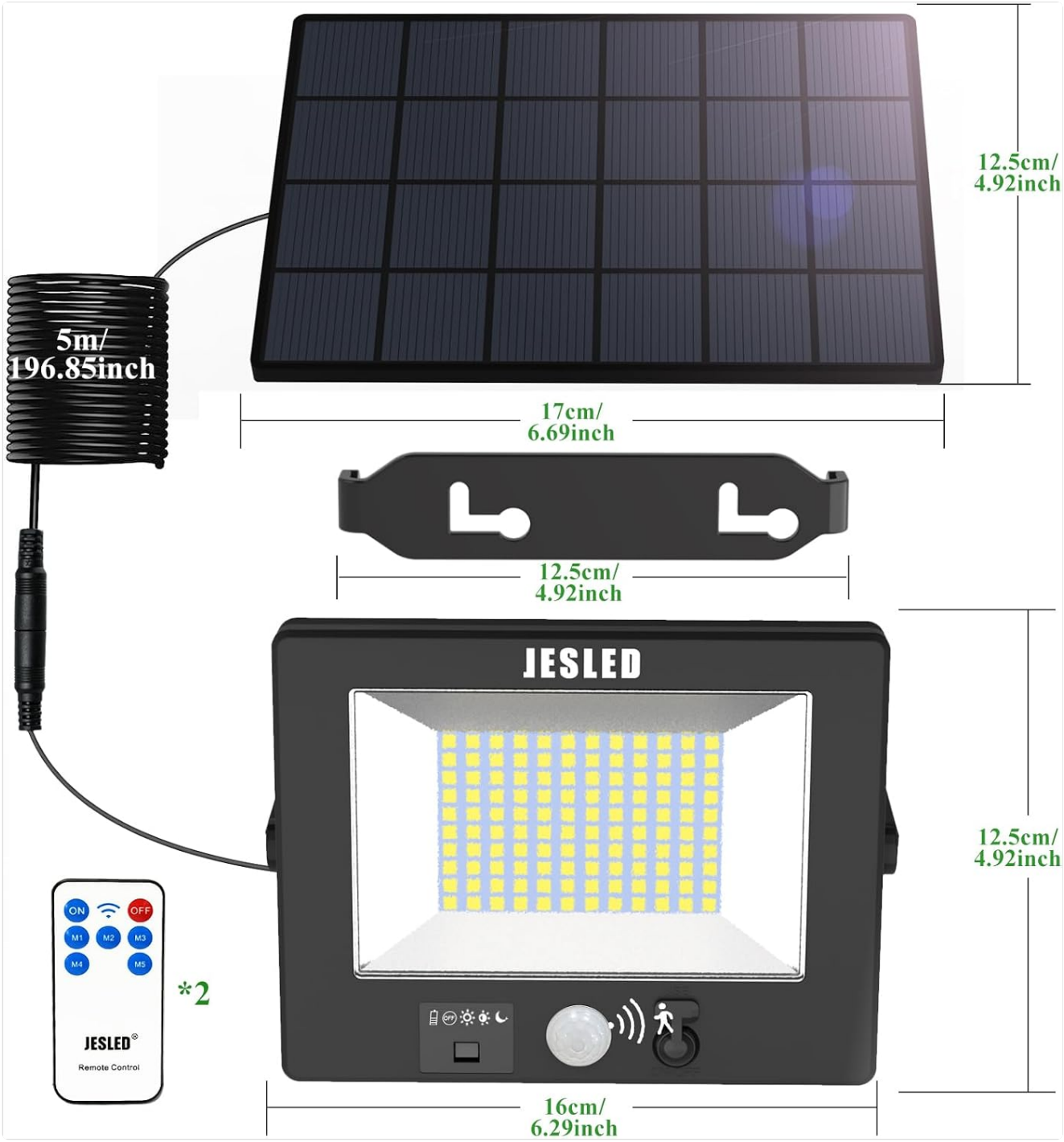


Image: Detailed dimensions of the floodlight unit, solar panel, and connecting cable.

11. Warranty and Support

JESLED products come with a Limited Warranty. For specific warranty details, please refer to the product packaging or contact JESLED customer support directly. If you encounter any issues or have questions regarding your solar flood light, please reach out to our support team via the contact information provided on the product packaging or the official JESLED website.

We are committed to providing superior quality products and services.

© 2023 JESLED. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question