

**intelamp**  
002-13A SOLAR  
MOTION LIGHT



# Intelamp 002-13A Solar Motion Light Instruction Manual

[Home](#) » [Intelamp](#) » Intelamp 002-13A Solar Motion Light Instruction Manual 

## Contents

- 1 Intelamp 002-13A Solar Motion Light
- 2 INTRODUCTION
- 3 SPECIFICATIONS
- 4 WHAT'S IN THE BOX
- 5 FEATURES
- 6 SETUP GUIDE
- 7 CARE & MAINTENANCE
- 8 TROUBLESHOOTING
- 9 PROS & CONS
- 10 WARRANTY
- 11 FREQUENTLY ASKED QUESTIONS
- 12 VIDEO – PRODUCT OVERVIEW
- 13 References
- 14 Related Posts

**intelamp**

**Intelamp 002-13A Solar Motion Light**



## INTRODUCTION

For your outdoor areas, the Intelamp 002-13A Solar Motion Light provides a strong, environmentally responsible lighting option. This motion-activated light, which has a 6000 Kelvin temperature of the color and a 1300 Lumen brightness, is made to be both efficient and long-lasting. It provides clear, brilliant illumination in any setting. This solar-powered energy-efficient light, which costs \$25.49, is a great option for those looking to cut back on energy use without sacrificing the safety and illumination of their outdoor spaces. With its B11 bulb shape size and push-button switch for convenient operation, the Intelamp 002-13A provides the best motion detection coverage. It was first introduced by Intelamp on September 5, 2024, and has a 1.17-watt-hour wattage for sustained performance. This solar light offers cost-effective convenience and security, with the added advantages of a Lithium-Ion battery and intelligent motion-sensing technology.

## SPECIFICATIONS

<b>Brand</b>	intelamp
<b>Price</b>	\$25.49
<b>Brightness</b>	1300 Lumen
<b>Bulb Shape Size</b>	B11
<b>Voltage</b>	3.25 Volts
<b>Wattage</b>	1.17 Watt-hours
<b>Switch Style</b>	Push Button
<b>Color Temperature</b>	6000 Kelvin
<b>Product Dimensions</b>	4.57 x 0.94 x 4.02 inches
<b>Weight</b>	1.3 Pounds
<b>Item Model Number</b>	002-13A
<b>Batteries</b>	1 Lithium Ion battery required
<b>Date First Available</b>	September 5, 2024
<b>Manufacturer</b>	intelamp

## WHAT'S IN THE BOX

- Solar Motion Light
- Manual

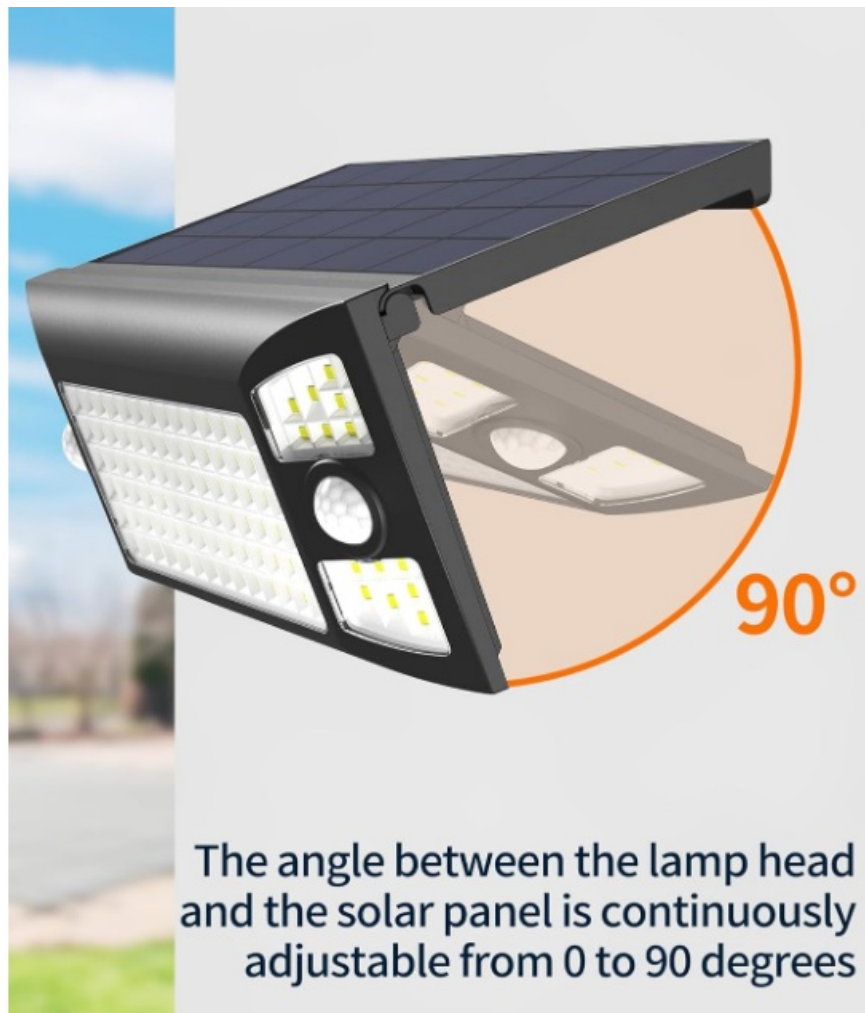
## FEATURES

- **Broad 270° Lighting Area:** The three-sided lighting design provides a wide 270° illumination angle, guaranteeing outdoor areas are well-lit.
- **Three Modes of Lighting:**
  - **Mode 1:** Brightness is low when there is no motion detected and high when there is.
  - **Mode 2:** When motion is detected, the brightness is high; when no motion is detected, there is no light.
  - **Mode 3:** Constant medium brightness that either turns off when the battery runs out or illuminates from twilight to dawn.
- **High Brightness Output:** With 100 high-efficiency LED bulbs, the light effectively illuminates an area with a genuine brightness of 1300 lumens.

# 1300LM High Bright 180° Wide Angle Motion Sensor

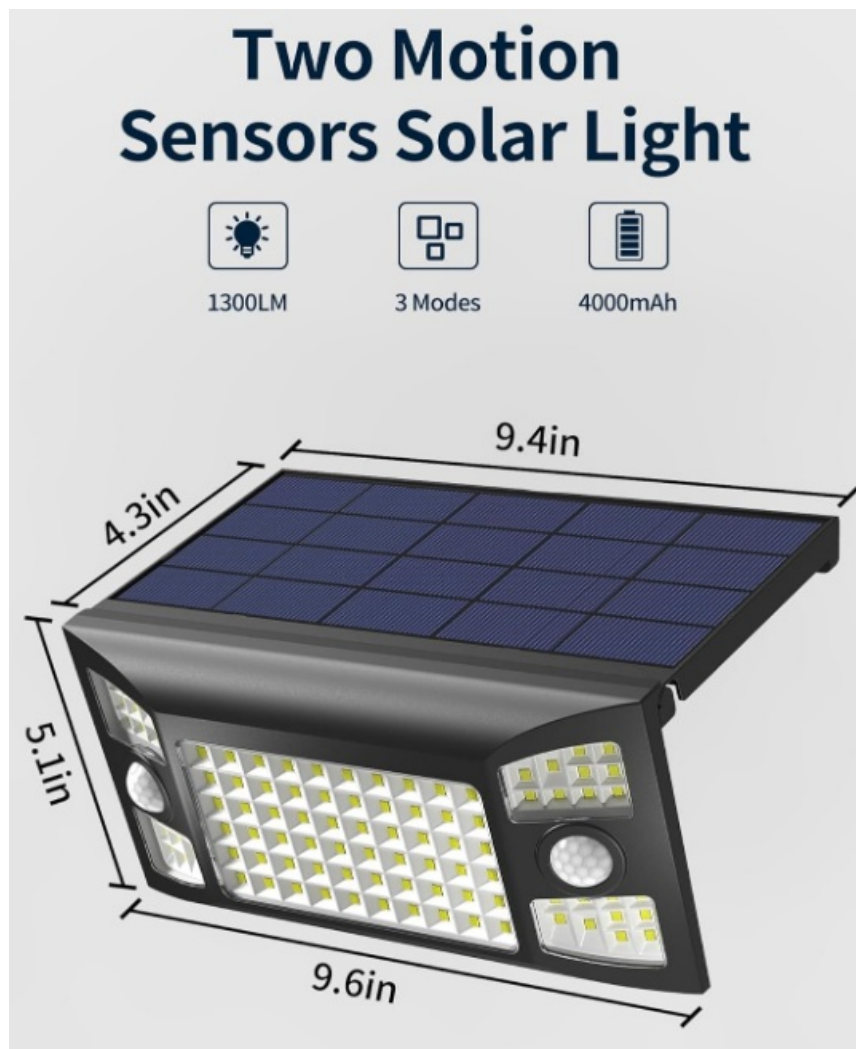


- **From Dusk to Dawn Functionality:** The light provides continuous security lighting all night long when in constant light mode, which turns on from nightfall until dawn.
- **Large-Capacity Battery:** After charging, the light's 4000mAh lithium iron phosphate battery provides extended operation.
- **Fast Charging:** Under intense sunlight, the device can be fully charged in about five hours, guaranteeing prompt readiness for use at night.
- **Long Battery Life:** Even on overcast, wet, or foggy days, the huge battery capacity guarantees longer operation and constant lighting.
- **Dual Motion Sensors:** Compared to single-sensor devices, dual-sensor technology detects motion over a far larger range, improving security coverage.
- **270° Angle Illumination:** By covering a wider area, the three-sided, wide-angle light minimizes blind spots and improves lighting protection.



- **Flexible Solar Panel Angle:** With a 60° adjustable angle, the solar panel may be positioned for maximum solar absorption and charging efficiency.
- **Weatherproof Design:** These lights are waterproof and made to withstand external elements, so they will last in a variety of weather conditions.
- **Energy-Efficient LED Lights:** This light uses 1.17 watt-hours of power and uses less energy to offer strong illumination.
- **6000K Color Temperature:** Perfect for outdoor security lighting, this lamp delivers a cool, bright white light with a color temperature of 6000 Kelvin.
- **Compact Size:** Due to its tiny form factor (4.57 x 0.94 x 4.02 inches), the lamp may be installed in a number of areas without taking up a lot of room.





- **Reasonably priced:** Considering its features and functionality, the Intelamp solar motion light, which retails for \$25.49, provides outstanding value for the money.

## SETUP GUIDE

- **Unpack the Product:** Gently open the light's box and inspect every part to make sure there is no damage to the device.
- **Installing the Lithium-Ion Battery:** As directed by the handbook, place the included lithium-ion battery into the device in the correct polarity.
- **Take Off the Insulator Tab:** To turn on the battery and let the light start charging from sunshine, make sure the insulator tab is taken off.
- **Select an Appropriate Installation Location:** For best charging efficiency, pick an outside space that gets direct sunshine throughout the day, like next to a patio, garden, or driveway.
- **Verify Solar Panel degree:** To guarantee optimal sunlight exposure for efficient charging, tilt the solar panel to the desired 60° degree.
- **Drill Mounting Holes:** Make sure the holes are securely fastened and uniformly spaced in the mounting surface of your choice using the included screws.
- **Mount the Solar Light:** Use the screws to firmly fasten the solar light to the mounting surface.
- **Assure Appropriate Motion Detection Range:** To optimize detection, arrange the motion sensors to cover the intended area with the fewest possible obstacles.
- **Test the Light:** Press the push button to turn on the light, then make sure the proper illumination option is

selected.

- **Choose a Lighting Mode:** Based on your preferences, pick one of the three lighting modes: constant medium brightness, no brightness when there is no motion, or high brightness with motion detection.
- **Place the Light for Best Illumination:** Make sure the light is pointed at the walkway or entrance, for example, where you wish to add illumination.
- **Track Charging Performance:** Make sure the solar panel gets enough daylight throughout the day after installation to fully charge.
- **Test Motion Sensor Functionality:** To see if the sensors can detect motion and turn on the light, move within their range.
- **Assure Weather Protection:** For dependable outside use, make sure the light is firmly fixed and the solar panel is shielded from the weather.

## CARE & MAINTENANCE

- **Regular Cleaning of the Solar Panel:** Debris, dust, and dirt can lower the solar panel's effectiveness. To guarantee the best possible absorption of sunlight, wipe it clean on a regular basis using a gentle cloth.
- **When required, change the battery:** Batteries may eventually lose their capacity to retain a charge. When the light no longer functions as it should, replace the lithium-ion battery.
- **Examine for Damage:** Look for indications of weather-related or other external damage to the light's shell, solar panel, and sensors.
- **Modify the Light Angle:** To guarantee optimal illumination coverage and charging effectiveness, periodically modify the angle of the light and solar panel.
- **Keep Motion Sensors Clear:** To preserve the motion sensors' entire detection range, make sure nothing is obstructing them.
- **Test the Light Frequently:** Check that the motion sensor is working properly and that the light goes on automatically at evening and off at dawn.
- **Keep an eye on Charging Performance:** In overcast or rainy conditions, make sure the light is still charging and working correctly. If necessary, adjust the angle of the solar panel.
- **Examine for Water Damage:** To keep water out of the light casing, especially in the event of rain, make sure the light is correctly sealed.
- **Store During Extreme Weather:** To extend the life of the light in regions with severe cold or snowfall, think about keeping it within during inclement weather.
- **Maintain a Clean Installation Area:** Clear the area of snow, dirt, and leaves to make sure there are no obstacles that can impair the light's functionality.
- **Secure Mounting Screws:** To make sure the light stays firmly fixed to its installation surface, periodically inspect the screws and mounting hardware.
- **Replacing damaged parts is necessary** to get the light working again. This includes replacing any damaged LED bulbs or sensors.
- **Make Sure the Light Is in the Correct Mode:** If the light is not working as it should, make sure it is in the motion sensor or constant light mode, depending on your needs.
- **Prevent Physical Damage:** To prevent malfunctions, keep the light out of places where it could be knocked over, bumped, or vandalized.
- **Check Motion Detection Frequently:** To make sure the motion sensors are still able to detect motion and offer the necessary security coverage, test them by moving within their range.

TROUBLESHOOTING

Issue	Solution
Light Not Turning On	Ensure the solar panel is exposed to enough sunlight during the day for charging.
Low Brightness	Clean the solar panel to remove dirt or debris that may block sunlight.
Motion Sensor Not Activating	Check the motion sensor for any obstructions or dirt that may be blocking it.
Light Flickering	Ensure the battery is properly connected and fully charged.
Solar Panel Not Charging	Verify the solar panel is facing direct sunlight and not shaded.
Battery Drainage	Replace the battery if it no longer holds a charge or is too old.
Light Turns Off Too Quickly	Ensure the light is getting a full charge during the day, especially in sunny weather.
Sensor Sensitivity Issues	Adjust the light's position to ensure the sensor has an unobstructed view.
Water Damage	Make sure the light is installed in a weather-resistant area and protected from rain.
Light Staying On Constantly	Check the motion sensor setting and ensure the light is not set to continuous mode.

PROS & CONS

Pros

- 1. 1300 Lumen brightness offers excellent illumination for outdoor spaces.
- 2. Solar-powered to save on energy costs and provide eco-friendly lighting.
- 3. Motion-activated technology ensures the light only turns on when needed.
- 4. 6000 Kelvin color temperature gives bright, clear, and natural light.
- 5. Affordable price of \$25.49, offering great value for solar motion lighting.

Cons

- 1. May not perform well in areas with limited sunlight exposure.
- 2. Requires direct sunlight for efficient charging, limiting installation options.
- 3. Light intensity might not be adjustable, offering only one brightness setting.
- 4. May require frequent cleaning due to dust accumulation on the solar panel.
- 5. Motion detection range may be limited in some environments.

WARRANTY

The Intelamp 002-13A Solar Motion Light comes with a **1-year limited warranty** from the date of purchase. This warranty covers any defects in material or workmanship, ensuring the product performs as intended. If the unit malfunctions under normal usage conditions, it can be repaired or replaced at no additional cost. The warranty



does not cover damages caused by improper use, installation, or external damage. To claim the warranty, keep your receipt and contact **Intelamp** customer support for assistance.

## FREQUENTLY ASKED QUESTIONS

What is the Intelamp 002-13A Solar Motion Light?

The Intelamp 002-13A Solar Motion Light is an eco-friendly outdoor lighting solution designed to provide bright illumination using solar power. It features a motion sensor for automatic activation, ideal for security and pathway lighting.

What is the brightness of the Intelamp 002-13A Solar Motion Light?

The Intelamp 002-13A Solar Motion Light delivers a 1300-lumen brightness, providing bright, effective lighting for outdoor areas like gardens, driveways, and pathways.

What is the color temperature of the Intelamp 002-13A Solar Motion Light?

The Intelamp 002-13A Solar Motion Light has a 6000 Kelvin color temperature, producing a cool white light perfect for illuminating outdoor spaces and enhancing security.

What is the power source of the Intelamp 002-13A Solar Motion Light?

The Intelamp 002-13A Solar Motion Light is powered by solar energy, making it an energy-efficient and eco-friendly lighting option for outdoor areas.

What is the switch style of the Intelamp 002-13A Solar Motion Light?

The Intelamp 002-13A Solar Motion Light features a push-button switch style, allowing easy operation of the light when needed.

What is the wattage of the Intelamp 002-13A Solar Motion Light?

The Intelamp 002-13A Solar Motion Light has a wattage of 1.17 watt-hours, ensuring low power

consumption while still providing high brightness.

What is the voltage of the Intelamp 002-13A Solar Motion Light?

The Intelamp 002-13A Solar Motion Light operates at a voltage of 3.25 volts, making it compatible with its solar-powered system and enhancing efficiency.

What is the battery type required for the Intelamp 002-13A Solar Motion Light?

The Intelamp 002-13A Solar Motion Light requires 1 lithium-ion battery for operation, which is rechargeable using solar power.

#### VIDEO – PRODUCT OVERVIEW



<https://www.references.plus/wp-content/uploads/2025/01/Intelamp-002-13A-Solar-Motion-Light-Instruction-Manual.mp4>

- [User Manual](#)

[Manuals+](#). [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.