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Intelamp 002-12A Solar Flood Light Instruction Manual

Contents

Intelamp 002-12A Solar Flood Light

INTRODUCTION

A strong, energy-efficient outdoor lighting option for improved illumination and security is the Intelamp 002-12A Solar Flood Light. This floodlight provides clean, bright illumination for driveways, patios, gardens, and commercial places with its 108 LED light sources and 1200 lumen brightness output. With its solar-powered architecture, it provides economical and eco-friendly illumination that turns on automatically at night for smooth operation.

With an 8W power rating and 3.2V DC operating voltage, this device ensures minimal energy usage without sacrificing functionality. For outdoor security, the 6500K color temperature offers a clear, daylight-like brightness. Setting up is simple and convenient with push-button operation and remote control. The Intelamp 002-12A, a dependable, long-lasting, and weatherproof lighting solution from the well-known outdoor lighting brand Intelamp, has been on sale since February 1, 2022, and costs $37.99.

SPECIFICATIONS

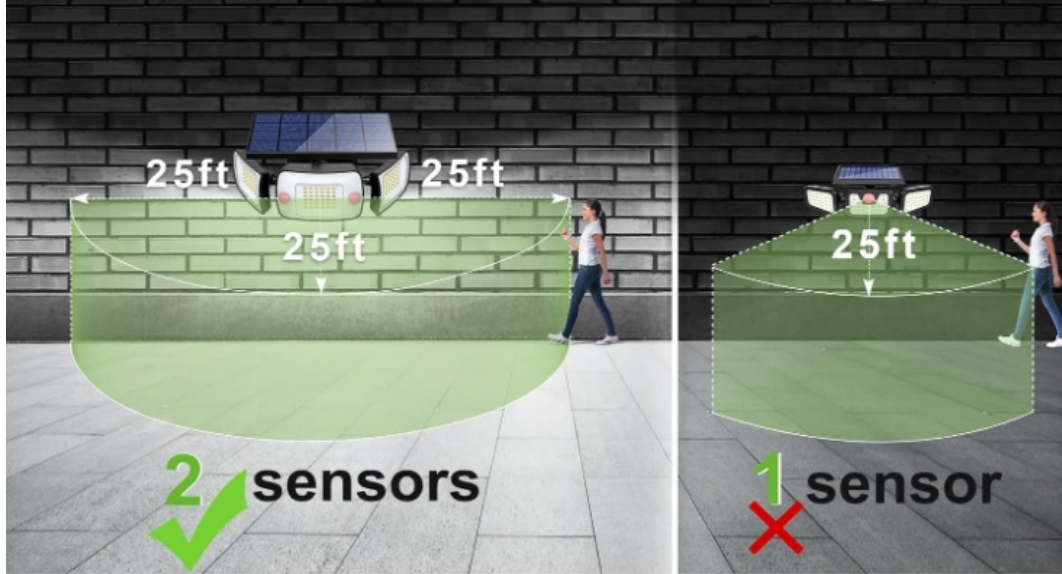|	
Brand	intelamp
Price	$37.99
Product Dimensions	9.6 L x 5 W x 4.9 H inches
Power Source	Solar Powered
Control Method	Remote
Number of Light Sources	108
Voltage	3.2 Volts (DC)
Lighting Method	Auto on at night
Wattage	8 Watts
Controller Type	Hand Control, Push Button
Water Resistance Level	Waterproof
Brightness	1200 Lumen
Plug Format	Solar Powered
Color Temperature	6500 Kelvin
Weight	1.3 Pounds
Item Model Number	002-12A
Batteries Required	2 AAA Batteries
Date First Available	February 1, 2022
Manufacturer	intelamp

WHAT'S IN THE BOX

- Solar Flood Light
- Manual

FEATURES

- **270° Wide-Angle illumination:** For improved visibility, a wide illumination area is covered by the three movable lamp heads.
- **Three Lighting Modes:** Constantly low brightness at night, dim-to-bright mode, and motion-activated bright light.
- **High-Efficiency Solar Panels:** Compared to conventional versions, 40 square inch solar panels charge more quickly.
- **6000mAh High-Capacity Battery:** Longer illuminating endurance is ensured by the battery, which stores three times as much energy as its competitors.
- **Dual Motion Sensors:** By extending the motion detection range to 180°, they help to minimize blind spots.

Two sensors Detection wider & longer		
	2 sensors ✓	1 sensor ✗
Detection angle	180°	90°
Operation range	25FT * 2	25FT

- **1200-Lumen Brightness:** Offers strong illumination for outdoor lighting and security.
- **Weatherproof and Waterproof:** Constructed from sturdy materials, it can tolerate severe weather conditions including rain and snow.

- **Remote Control Operation:** Modes can be easily changed, eliminating the need for human intervention.
- **Auto On/Off Functionality:** For efficiency, it automatically turns on at night and off at dawn.
- **Energy-Efficient Design:** 100% solar-powered, lowering electricity expenses.
- **Various Installation Choices:** It can be fastened with screws or tie straps to trees, garage doors, fences, and walls.
- **Lamp Head Adjustability:** The three individual heads can be moved to create a variety of lighting configurations.
- **Simple DIY Installation:** It is easy to use and doesn't require any wiring.
- **Sturdy and Lightweight Construction:** Weighing just 1.3 pounds, it's simple to mount.

SETUP GUIDE

- **Check Components:** Ensure the floodlight, solar panel, screws, and tie straps are all included.
- **Charge the Solar Panel:** Before first use, place the panel in direct sunlight for six to eight hours.
- **Select an Installation Location:** Choose a spot with maximum sunlight exposure.
- **Mark the Drill Points:** If mounting on a hard surface, mark the screw placements with a pencil.
- **Drill the Holes:** Use a power drill to make mounting screw holes.
- **Attach the Bracket:** Secure the mounting bracket with screws for solid positioning.
- **Install the Flood Light:** Fasten the light unit securely to the mount.
- **Angle the Solar Panel:** Adjust the panel to absorb as much sunlight as possible.

- **Use Tie Straps:** Attach the light to a post or tree with the included straps.
- **Turn on the Light:** Use the remote control to power on the light and check modes.
- **Test Motion Sensor Range:** Walk within the detection area to ensure the sensor responds.
- **Modify Lighting Mode:** Select between always-on, dim-to-bright, or full brightness.
- **Adjust the Lamp Heads:** Rotate them to cover specific areas.
- **Secure Wiring:** Neatly tuck any loose cables to prevent tangling.
- **Final Testing:** Ensure the light works properly before leaving it unattended at night.

CARE & MAINTENANCE

- **Clean the Solar Panel:** Wipe it weekly with a damp cloth to remove dust and debris.
- **Avoid Shaded Installations:** Ensure the solar panel isn't blocked by buildings, walls, or trees.
- **Check Battery Health:** Every six months, inspect and replace any inefficient batteries.
- **Secure the Light Against Wind:** Tighten screws periodically to prevent loosening from wind.
- **Seasonal Panel Adjustments:** Adjust the panel angle in summer and winter for maximum absorption.
- **Inspect Motion Sensors:** Clean the sensors with a soft cloth to maintain precise detection.
- **Protect Against Severe Weather:** Temporarily relocate the light during extreme storms or heavy snow.
- **Avoid Direct Water Sprays:** Though waterproof, high-pressure water can damage internal parts.
- **Check Remote Battery:** Replace the AAA batteries when response time slows down.
- **Test All Lighting Modes:** Ensure all three modes continue functioning correctly over time.
- **Prevent Corrosion:** Spray metal mounting parts with anti-rust spray if needed.
- **Secure Loose Wiring:** Keep wires safely attached to prevent wind or animal damage.
- **Reinstall After Two Years:** Replace mounting brackets if they degrade over time.
- **Store Properly When Not in Use:** Keep indoors in a dry place if unused for long periods.
- **Check for Wear and Tear:** Replace LEDs if brightness noticeably decreases.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Light not turning on	Battery not charged	Ensure full sun exposure or replace battery
Dim light output	Insufficient solar charging	Allow full-day charging or adjust panel angle
Remote not responding	Weak battery in remote	Replace remote's AAA batteries
Flickering light	Loose battery connection	Secure battery placement
Short lighting duration	Low battery power	Ensure panel is not obstructed
Light turns off randomly	Faulty connection or weak battery	Check wiring and replace battery if needed
Overheating issue	Continuous high brightness usage	Reduce brightness or allow cooling time
No response after setup	Defective unit or wiring issue	Contact manufacturer for support
Water inside unit	Improper sealing or heavy rain	Dry unit and reseal openings
LED failure	Component malfunction	Seek warranty support

PROS & CONS

Pros

1. Solar-powered for energy efficiency and cost savings.
2. Automatic night activation for hands-free operation.
3. Waterproof design ensures durability in all weather conditions.
4. Remote and push-button control for easy operation.
5. 1200-lumen brightness provides strong illumination.

Cons

1. Requires full sunlight for optimal charging.
2. Battery replacement needed over time.
3. Limited brightness compared to higher-end floodlights.
4. AAA batteries for remote may need frequent replacement.
5. Fixed color temperature (6500K) with no adjustment options.

WARRANTY

The Intelamp 002-12A Solar Flood Light comes with a 12-month manufacturer warranty covering defects in materials and workmanship. The warranty does not cover damage caused by improper installation, water infiltration beyond rated levels, or physical damage due to mishandling.

FREQUENTLY ASKED QUESTIONS

What is the price of the Intelamp 002-12A Solar Flood Light?

The Intelamp 002-12A Solar Flood Light is priced at $37.99, offering a cost-effective outdoor lighting solution.

What are the dimensions of the Intelamp 002-12A Solar Flood Light?

The Intelamp 002-12A Solar Flood Light measures 9.6 L x 5 W x 4.9 H inches, making it a compact and efficient lighting option.

How can the Intelamp 002-12A Solar Flood Light be controlled?

The Intelamp 002-12A Solar Flood Light can be controlled using a remote control, providing ease of use from a distance.

How many light sources does the Intelamp 002-12A Solar Flood Light have?

The Intelamp 002-12A Solar Flood Light features 108 LED light sources, ensuring bright and widespread illumination.

What is the brightness level of the Intelamp 002-12A Solar Flood Light?

The Intelamp 002-12A Solar Flood Light provides a brightness level of 1200 lumens, making it ideal for outdoor security lighting.

What is the wattage of the Intelamp 002-12A Solar Flood Light?

The Intelamp 002-12A Solar Flood Light operates at 8 watts, offering an efficient power-to-brightness ratio.

What voltage does the Intelamp 002-12A Solar Flood Light operate on?

The Intelamp 002-12A Solar Flood Light runs on 3.2 Volts DC, supporting its energy-efficient LED technology.

When was the Intelamp 002-12A Solar Flood Light first available?

The Intelamp 002-12A Solar Flood Light was first available on February 1, 2022, making it a well-established product on the market.

References

- **[User Manual](#)**