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› Intelamp Solar Outdoor LED Flood Light User Manual

intelamp 12C

Intelamp Solar Outdoor LED Flood Light User Manual

Model: 12C

PRODUCT OVERVIEW

The Intelamp Solar Outdoor LED Flood Light (Model 12C) is designed to provide efficient and reliable outdoor illumination for various applications such as gardens, patios, yards, driveways, and security. This flood light features a high-efficiency solar panel, a large capacity battery, dual 180° motion sensors, and multiple customizable lighting modes controlled by a remote.



Image: The Intelamp Solar Outdoor LED Flood Light, showcasing its three adjustable light heads, integrated solar panel, and accompanying remote control.

Key Features:

- **Customizable Lighting Modes:** Offers four distinct lighting modes including high brightness with motion detection, constant medium illumination with auto-off timer, and gradual dimming until dawn.
- **Remote Control & Adjustable Timing:** Full control via an easy-to-use remote, allowing adjustment of motion detection intervals (20, 30, or 40 seconds).
- **High-Efficiency Solar & Long Battery Life:** Equipped with a 40 sq. inch solar panel and a 6000mAh battery, providing up to 1200 lumens and running for up to three nights in sensor mode.
- **Dual Sensor with 180° Wide Coverage:** Innovative dual sensor design for broader motion detection and elimination of blind spots.
- **Easy Installation & Durable Waterproof Design:** Simple installation on walls, fences, or trees, with IP65 waterproof rating for all-weather durability.

SETUP AND INSTALLATION

Before installation, ensure the solar panel is exposed to direct sunlight for optimal charging. The package includes all necessary mounting hardware for a straightforward setup.

What's in the Box:

- Intelamp Solar Outdoor LED Flood Light (Model 12C)
- Remote Control
- Mounting Hardware (screws, tie straps)
- Instruction Manual (this document)

Installation Steps:

1. **Choose Location:** Select an outdoor location that receives ample direct sunlight throughout the day for the solar panel. Ensure the area to be illuminated is within the motion sensor's range.
2. **Prepare for Mounting:** Rotate the solar panels from side to side and the central lamp vertically up and down to provide space for accessing the screw installation points.
3. **Wall Installation:**
 - Mark the desired mounting position on a wall. The hole spacing is approximately 3.5 inches.
 - Drill pilot holes if necessary.
 - Secure the flood light to the wall using the provided screws.
4. **Cable Tie Installation (for poles/trees):**
 - Insert the provided cable ties through the mounting holes on the back of the light fixture.
 - Wrap the cable ties around a pole, tree trunk, or fence post.
 - Tighten the cable ties securely to fix the light in place.
5. **Adjust Light Heads:** Once mounted, adjust the three light heads to cover the desired illumination area.



Image: Detailed diagram illustrating both wall installation using screws and cable tie installation for poles or trees, highlighting the adjustable components for easy mounting.



Image: A close-up view of the solar flood light, emphasizing its adjustable light heads and the large solar panel designed for efficient power collection.

OPERATING INSTRUCTIONS

The Intelamp Solar Flood Light offers multiple operating modes, easily controlled via the included remote. Ensure the remote has a clear line of sight to the light for optimal functionality.

Understanding the Motion Sensor:

This flood light features dual motion sensors providing a 180° detection angle and an operation range of up to 25 feet. This wide coverage helps eliminate blind spots, enhancing security.

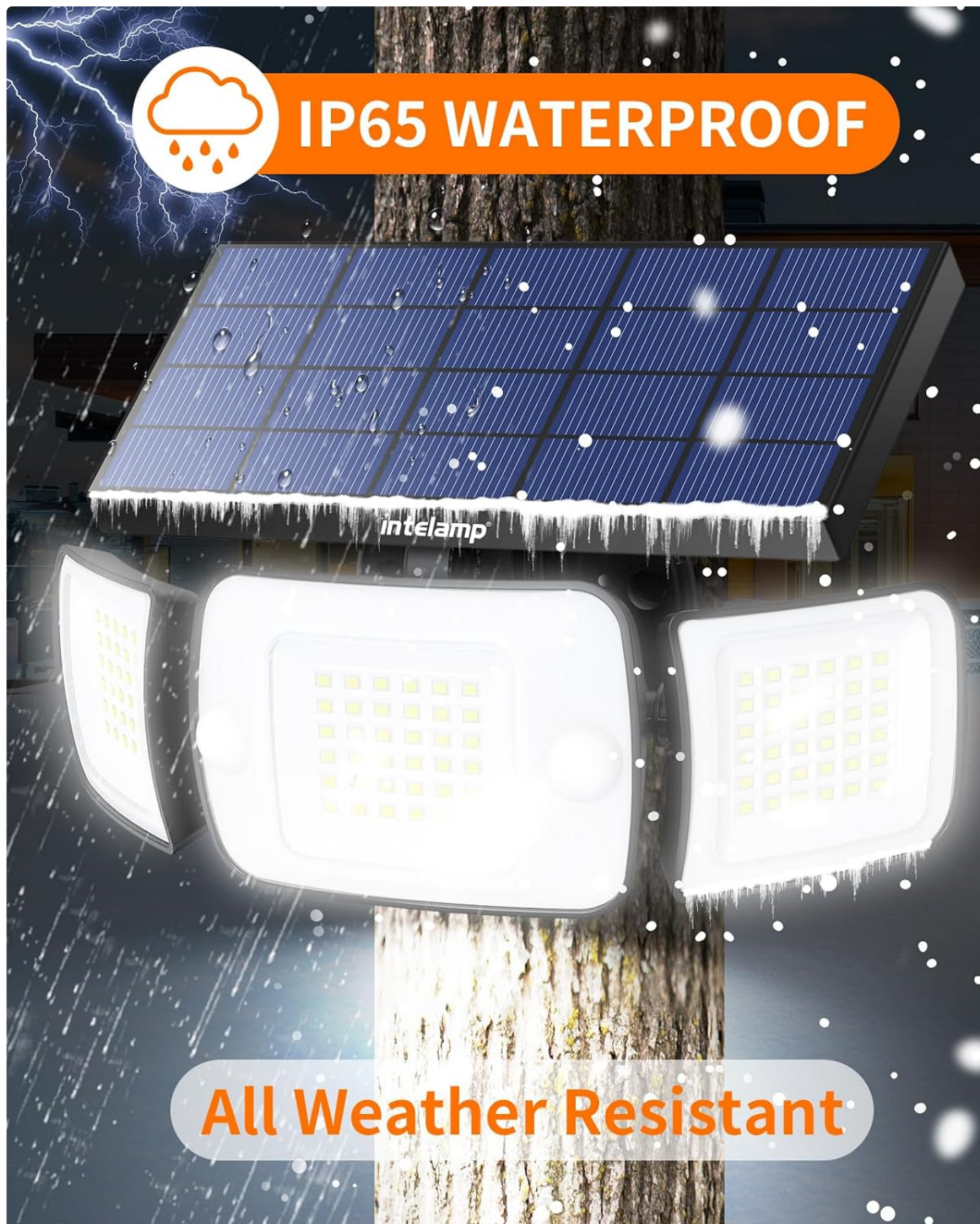


Image: A visual comparison demonstrating the superior 180-degree detection angle and wider coverage area provided by the dual motion sensors compared to a single sensor.

Lighting Modes:

Use the remote control to select your preferred lighting mode:

- **Mode 1: Strong Light Motion Sensor Mode (Default)**

The light remains off until motion is detected. Upon detection, it turns on at 100% brightness. After 20, 30, or 40

seconds (adjustable via remote) of no motion, the light turns off.



Image: Depiction of the Strong Light Motion Sensor Mode, showing the light activating at 100% brightness upon motion detection and turning off after a set delay.

- **Mode 2: Dim Light + Strong Light Motion Sensor Mode**

The light stays on at 20% brightness continuously. When motion is detected, it switches to 100% brightness. After 20, 30, or 40 seconds (adjustable via remote) of no motion, it returns to 20% dim brightness.



Image: Visual representation of the Dim Light + Strong Light Motion Sensor Mode, illustrating the light's transition from dim to full brightness upon motion and back to dim.

- **Mode 3: Long Light Mode (Motion Sensor Disabled)**

The light turns on at 80% brightness at night and stays on for a set duration (2-12 hours, adjustable via remote). After the timing ends, it turns to dim and auto-turns off after dawn. This mode disables the motion sensor.



Image: Diagram showing the Long Light Mode, where the light maintains 80% brightness for a set period at night, then dims and turns off at dawn, with motion sensing deactivated.

- **Mode 4: Always On (Dusk to Dawn)**

The light turns on at dusk and stays on at a constant brightness (adjustable via remote) until dawn. Motion sensor is disabled in this mode.

Remote Control Functions:

- **ON/OFF:** Power the light on or off.
- **20s/30s/40s:** Set the duration for which the light stays at full brightness after motion detection in sensor modes.
- **Sensor Mode:** Activates the motion sensor modes (Mode 1 or Mode 2).
- **Dimming Mode:** Activates the dimming function for continuous lighting modes.
- **2H/4H/6H:** Set the continuous lighting duration for Long Light Mode.
- **Brightness Adjustment:** Adjust the brightness level (e.g., 60%, 80%, 100%) for various modes.



Image: A series of images demonstrating how the light's brightness can be adjusted (60%, 80%, 100%) when motion is detected, showcasing the flexibility of the motion sensor settings.

Product Demonstration Video:

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Video: An official product video from Intelamp demonstrating the features and functionality of the solar flood light, including its motion sensor capabilities and various lighting modes.

MAINTENANCE

The Intelamp Solar Outdoor LED Flood Light is designed for durability and minimal maintenance, thanks to its IP65 waterproof rating and robust construction.

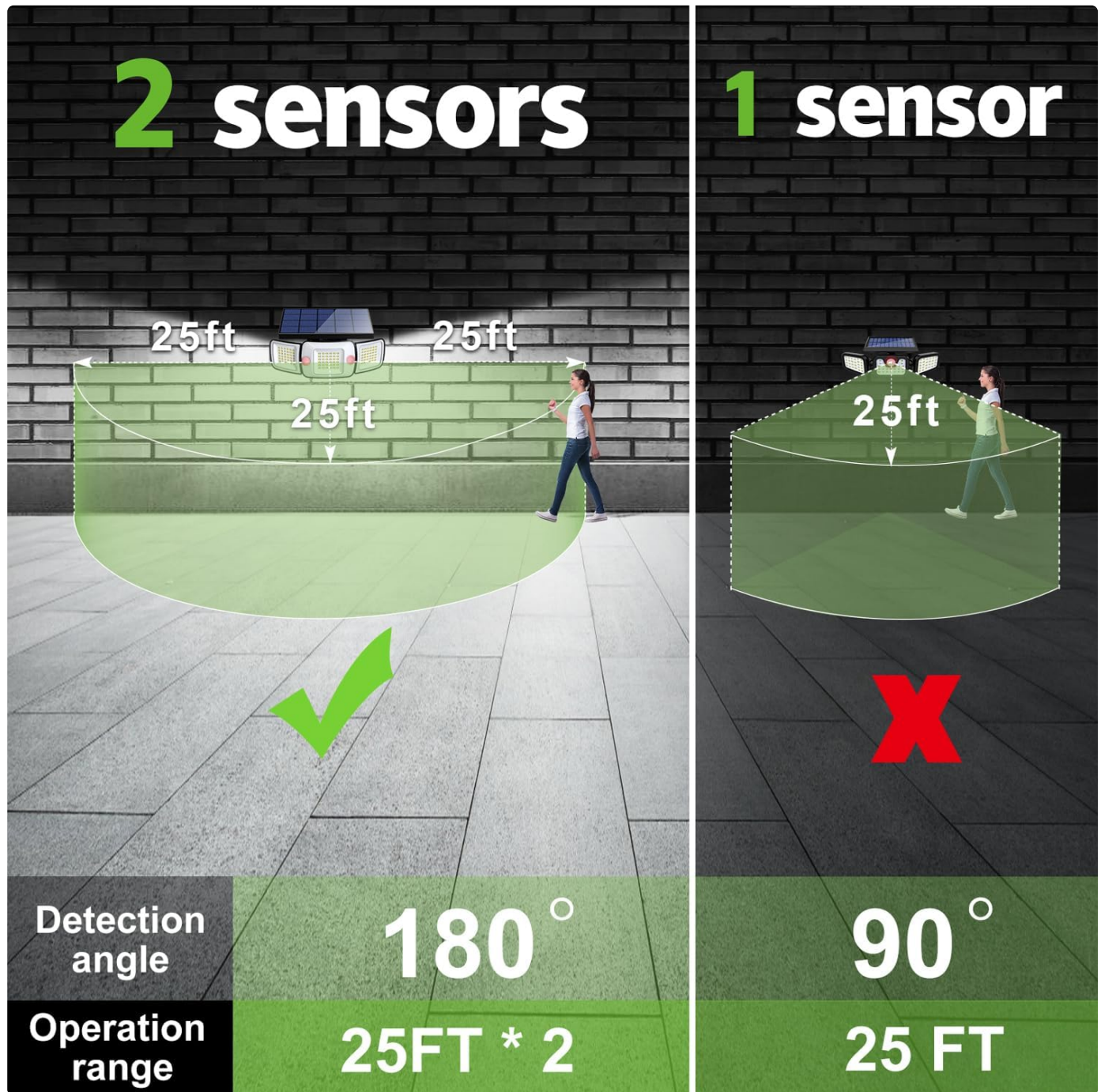


Image: The solar flood light depicted in a rainy and snowy environment, highlighting its IP65 waterproof rating and all-weather resistance.

Cleaning:

- Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean solar panel ensures maximum charging efficiency.
- Clean the light heads as needed to maintain optimal light output.
- Avoid using abrasive cleaners or solvents that could damage the product's surface.

Battery Care:

- The integrated 6000mAh Lithium Ion battery is designed for long-term performance. No user maintenance is required for the battery.
- Ensure the solar panel receives adequate sunlight daily to keep the battery charged.

TROUBLESHOOTING

If you encounter issues with your Intelamp Solar Outdoor LED Flood Light, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on at night.	• Insufficient solar charging. • Light mode not correctly set. • Motion sensor not triggered (in sensor modes).	• Ensure solar panel is in direct sunlight for 6-8 hours daily. Clean the solar panel. • Check remote control settings. Press ON button. • Test motion sensor by walking into its detection range.
Light stays on continuously during the day.	• Light sensor obstructed. • Light mode set to "Always On" or "Long Light Mode".	• Ensure the light sensor (located near the solar panel) is not covered or in a shaded area. • Change the light mode using the remote control to a sensor-activated mode.
Motion sensor not detecting movement.	• Obstruction in sensor's field of view. • Incorrect installation height or angle. • Sensor sensitivity setting.	• Clear any obstacles in front of the sensors. • Adjust the light's position or angle. Recommended installation height is around 13 feet. • Ensure the light is in a motion sensor mode.
Light output is dim or inconsistent.	• Insufficient charging. • Dirty solar panel. • Low battery charge.	• Relocate the light to an area with more direct sunlight. • Clean the solar panel. • Allow several days of full sunlight charging.

SPECIFICATIONS

Feature	Detail
Brand	Intelamp
Model Name	YL002-12C-1Pack
Item Model Number	12C
ASIN	B0BV9B9WQV
Power Source	Solar Powered
Light Source Type	LED
Brightness	1200 Lumen
Color Temperature	6500 Kelvin (White Light)
Battery	6000mAh Lithium Ion (included)
Solar Panel Size	Approx. 40 sq. inch (9.4"L x 4.3"W)
Motion Sensor Coverage	Dual 180° detection, up to 25 ft
Water Resistance Level	IP65 Waterproof
Material	Acrylonitrile Butadiene Styrene (ABS), Plastic
Product Dimensions	9.84"L x 4.65"W x 5.31"H
Item Weight	1.74 pounds
Included Components	Instruction Manual, Mounting Hardware, Remote Control
Installation Type	Flush Mount / Wall Mount
Control Method	Remote Control
Special Features	Adjustable Color Temperature, Energy Efficient, Foldable, Waterproof

WARRANTY AND SUPPORT

The Intelamp Solar Outdoor LED Flood Light comes with a**Limited Warranty**. For specific warranty terms and conditions, please refer to the product packaging or contact Intelamp customer support.

For further assistance, technical support, or inquiries not covered in this manual, please visit the official Intelamp website or contact their customer service department. Contact information can typically be found on the product packaging or the brand's official online presence.

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