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› intelamp Solar Lights Outdoor, 3 Head Solar MotionSensor Lights for Outside, IP65 Waterproof,Separate Panel with 9FT Cable RemoteControl Wall Lights 1 Pack with Cable

intelamp 12b

intelamp Solar Lights Outdoor Instruction Manual

Model: 12b

1. PRODUCT OVERVIEW

The intelamp Solar Lights Outdoor are advanced 3-head solar motion sensor lights designed for outdoor use. Featuring a separate solar panel with a 9-foot cable and remote control, these lights offer versatile placement and customizable settings. They are IP65 waterproof, ensuring durability in various weather conditions.

Key features include:

- **Remote Control:** Adjust settings including motion-detected high-brightness duration (20, 30, or 40 seconds).
- **High-Efficiency Solar Panels:** 40 square inches (9.4 x 4.3 inches) for faster charging.
- **Large-Capacity Battery:** 6000mAh battery provides illumination for up to three nights in motion-sensing mode.
- **Dual Sensor Design:** Two sensors enable a 180-degree detection range, reducing blind spots.
- **Bright Illumination:** Delivers a bright output of 1200 lumens.
- **Simple Installation:** Flexible solar panel placement with included screws and cable ties.



Figure 1: intelamp Solar Light with its remote control and separate solar panel.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or using the intelamp Solar Lights. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the solar panel is installed in a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal charging.
- Do not submerge the light unit or solar panel in water. While IP65 waterproof, prolonged submersion can cause damage.
- Keep the light away from flammable materials and heat sources.
- Do not attempt to disassemble or modify the product. This will void the warranty and may cause damage or injury.
- Handle the product with care. Avoid dropping or subjecting it to strong impacts.
- Keep out of reach of children and pets.
- Dispose of batteries according to local regulations. Do not incinerate batteries.

3. PACKAGE CONTENTS

Verify that all components are present and in good condition upon opening the package:

- 1 x intelamp 3-Head Solar Motion Sensor Light Unit
- 1 x Separate Solar Panel with 9FT Cable
- 1 x Remote Control
- 1 x Set of Mounting Screws
- 1 x Set of Cable Ties
- 1 x Instruction Manual (this document)

4. SETUP AND INSTALLATION

The intelamp solar light is designed for easy installation. Choose a location that maximizes sunlight exposure for the solar panel.

4.1 Choosing an Installation Location

For optimal performance, the solar panel must receive direct sunlight for 6-8 hours daily. Avoid locations obstructed by eaves, trees, or other structures that might cast shadows on the panel.

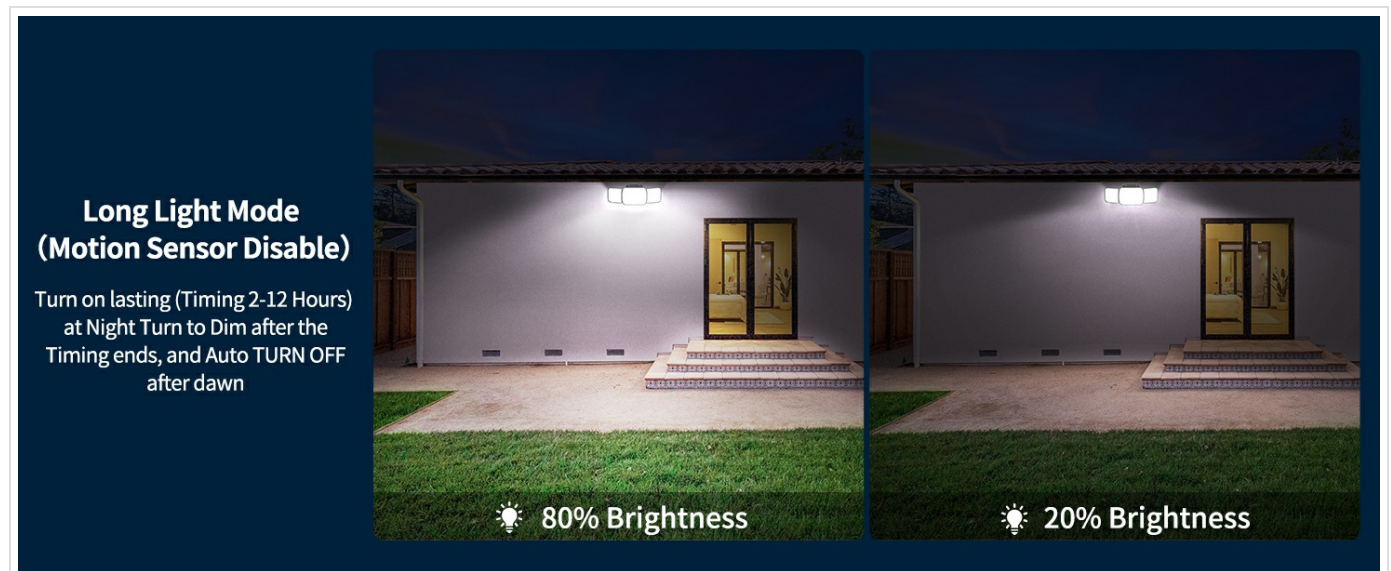


Figure 2: Proper installation ensures the solar panel is not obstructed.

4.2 Mounting the Light and Solar Panel

You can mount the light unit and solar panel on walls, fences, garage door frames, trees, or lamp posts using the provided hardware.

1. Wall Installation (using screws):

- Identify the desired mounting location for both the light unit and the solar panel.
- Mark the drilling points for the light unit (hole spacing: 2.1 inches for top, 3.5 inches for bottom).
- Drill holes and insert wall anchors if necessary.
- Mount the light unit using the provided screws. Rotate the solar panels from side to side and the central lamp vertically up and down to provide space for screw installation.
- Mount the separate solar panel in a location with maximum sunlight using its own mounting bracket and screws.
- Connect the solar panel cable to the light unit.

2. Cable Tie Installation (for trees/poles):

- Insert the cable ties through the mounting holes on the light unit's bracket.
- Securely tie the light unit to a pole, tree trunk, or fence using the cable ties.
- Mount the separate solar panel in a location with maximum sunlight using its own mounting bracket and screws or additional cable ties if suitable.
- Connect the solar panel cable to the light unit.

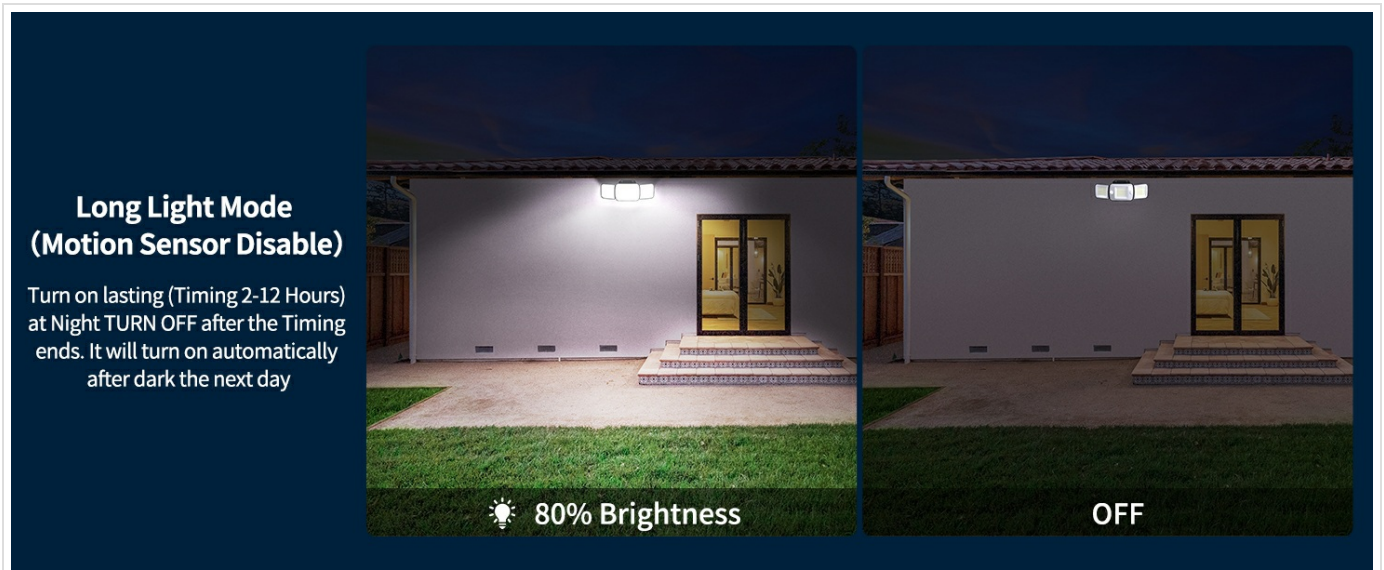


Figure 3: Installation methods for the intelamp solar light.

Large solar panel for sufficient power



Two sensors Detection wider & longer

Figure 4: Product dimensions for planning installation.

5. OPERATING INSTRUCTIONS

The intelamp solar light features multiple operating modes controlled by the included remote. Ensure the light is charged before first use.

5.1 Initial Charging

Before first use, allow the solar panel to charge the battery in direct sunlight for at least 6-8 hours. This ensures the battery is fully charged for optimal performance.

5.2 Remote Control Functions

The remote control allows you to select different lighting modes and adjust settings:

Button/Setting	Description
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Button/Setting	Description
ON/OFF	Turns the light ON or OFF.
20s / 30s / 40s	Sets the duration for high brightness after motion detection in Sensor Mode.
Dim Sensor Mode	Light stays dim (20% brightness) and brightens to 100% upon motion detection for the set duration (20/30/40s), then returns to dim.
Sensor Mode (Off)	Light stays OFF and brightens to 100% upon motion detection for the set duration (20/30/40s), then turns OFF.
2H / 4H / 6H	Sets the continuous lighting duration for Long Light Mode.
Dimming (Off) Mode	Light stays at 80% brightness for the set duration (2H/4H/6H), then turns OFF until the next dark cycle.
Dimming (Dim) Mode	Light stays at 80% brightness for the set duration (2H/4H/6H), then dims to 20% brightness until dawn.

5.3 Understanding Operating Modes

The intelamp solar light offers flexible lighting options:

- **Strong Light Motion Sensor Mode (Dim to Strong to Dim):** The light maintains a low brightness (20%) constantly. When motion is detected, it switches to 100% brightness for 20, 30, or 40 seconds (as set by remote), then returns to 20% brightness. This mode is ideal for continuous low-level illumination with a boost for activity.
- **Strong Light Motion Sensor Mode (Off to Strong to Off):** The light remains off. When motion is detected, it turns on at 100% brightness for 20, 30, or 40 seconds (as set by remote), then turns off completely. This mode is energy-saving and suitable for areas where light is only needed when motion is present.
- **Long Light Mode (Motion Sensor Disabled):** The light stays on at 80% brightness for a set duration (2, 4, or 6 hours). After this timing ends, it can either turn off completely until the next dark cycle (Dimming Off Mode) or dim to 20% brightness until dawn (Dimming Dim Mode). This mode provides continuous illumination for a set period.



Figure 5: Illustration of the two motion sensor operating modes.

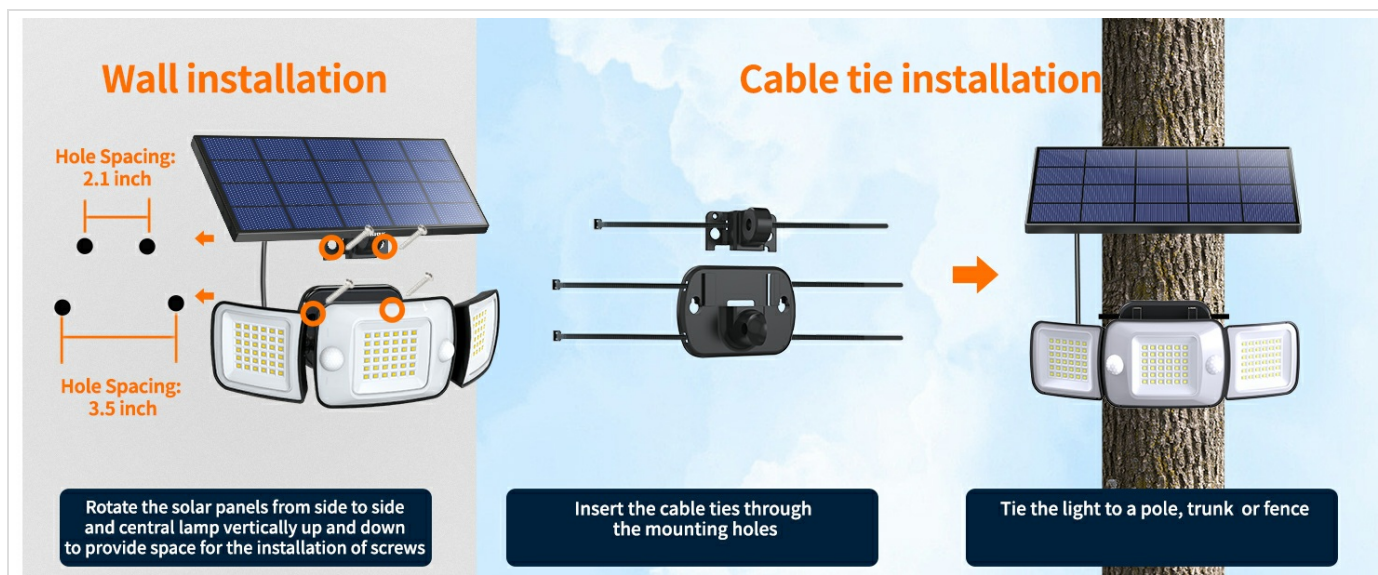


Figure 6: Illustration of the Long Light Mode options.

5.4 Video Demonstration

Watch this official video for a demonstration of the intelamp flood lights and their motion sensor capabilities.

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Video 1: Demonstration of intelamp flood lights outdoor motion sensor features. This video highlights the dual motion sensors and various lighting modes.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your intelamp Solar Lights.

- **Cleaning the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and efficient charging.
- **Cleaning the Light Unit:** Clean the light unit's surface with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or lens.
- **Battery Care:** The integrated Lithium Ion battery is designed for long life. If the light's performance significantly degrades over time, ensure the solar panel is receiving adequate sunlight. The battery is not user-replaceable.
- **Inspect Wiring:** Periodically check the cable connecting the solar panel to the light unit for any signs of wear, damage, or loose connections.

7. TROUBLESHOOTING

If your intelamp Solar Light is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient charging during the day.	Ensure the solar panel is in a location receiving 6-8 hours of direct sunlight daily. Clean the solar panel surface.
Light is dim or only stays on for a short period.	Battery not fully charged or aging battery.	Relocate the solar panel for better sun exposure. Ensure the panel is clean. If the issue persists after prolonged charging, the battery may be nearing the end of its lifespan.

Problem	Possible Cause	Solution
Motion sensor not detecting.	Sensor obstructed or incorrect mode.	Ensure the motion sensors are clear of obstructions. Verify the light is set to a motion sensor mode using the remote control.
Remote control not working.	Battery in remote is dead or remote is too far.	Replace the battery in the remote control. Ensure you are within the effective range of the remote.

If you encounter issues not listed here or if the problem persists after attempting the solutions, please contact intelamp customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	intelamp
Model Number	12b
Product Dimensions	9.84"L x 4.65"W x 5.31"H
Item Weight	1.92 pounds
Power Source	Solar Powered
Light Source Type	LED (108 lights)
Brightness	1200 lumens
Color Temperature	6500 Kelvin (White Light)
Battery	1 Lithium Ion battery (included), 6000mAh capacity
Water Resistance Level	IP65 Waterproof
Control Method	Remote Control
Motion Sensor Detection Angle	180 degrees
Motion Sensor Operation Range	Up to 25 feet
Material	Acrylonitrile Butadiene Styrene
Installation Type	Semi Flush Mount / Wall Mount
Included Components	Screws, Tie Straps

Make it Different

bigger solar panel and larger battery
higher brightness and longer lighting time



Solar panel	40 inch ² = L9.4*W4.3	21 inch ² = L5.8*W3.6
Battery	6000 mAh	2000 mAh
Brightness	1200 lumen	600 lumen

Figure 7: Performance comparison highlighting intelamp's superior specifications.

Two sensors Detection wider & longer

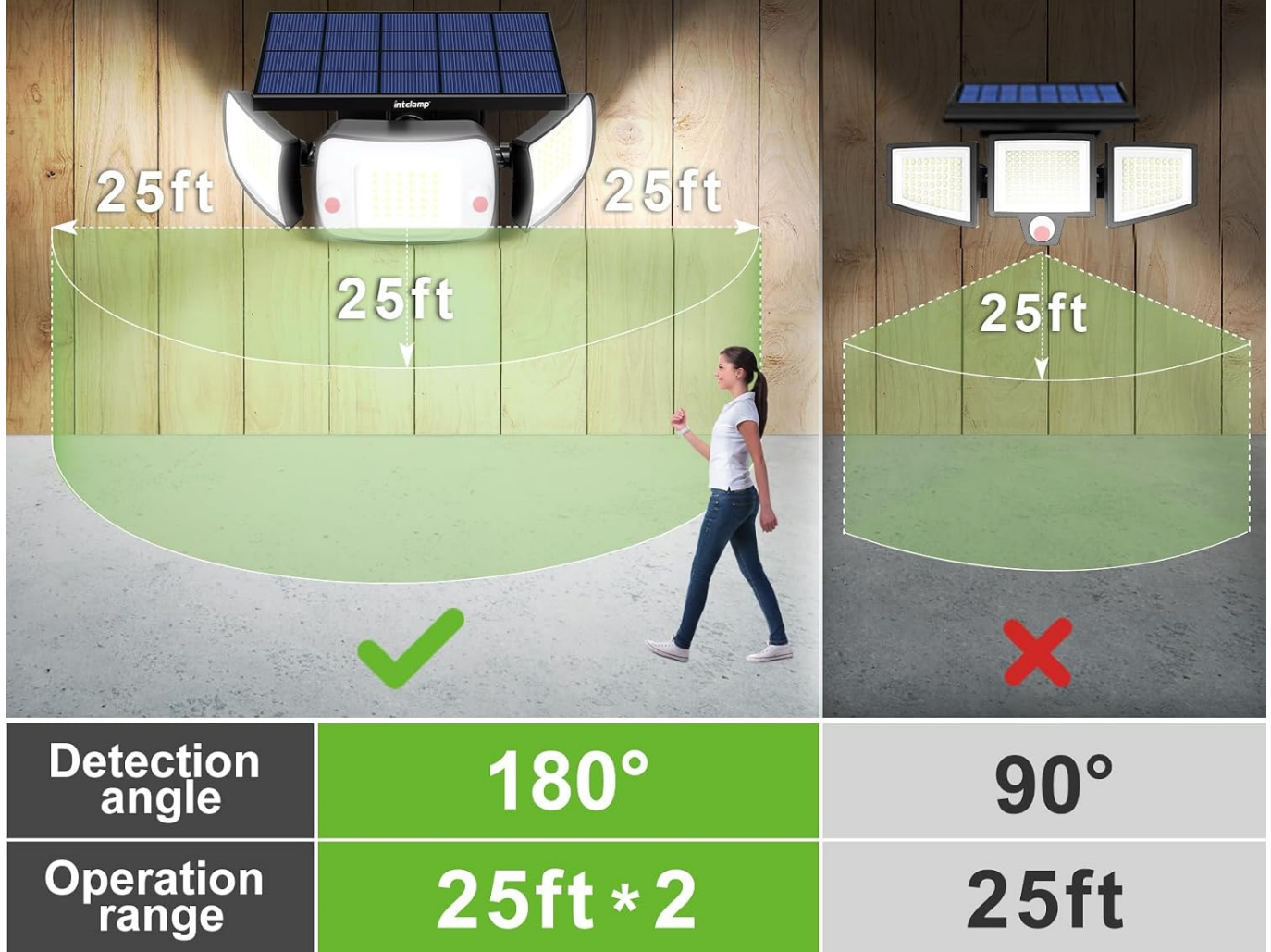


Figure 8: Enhanced detection capabilities with dual sensors.

9. WARRANTY AND SUPPORT

The intelamp Solar Lights come with a limited warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included in your product packaging or contact intelamp customer support directly.

For technical assistance, troubleshooting, or any inquiries about your product, please reach out to intelamp customer support through their official website or the contact information provided with your purchase.

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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