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> intelamp Solar Flood Lights Outdoor Waterproof, 20000mAh 4000LM Linkable Dual Motion Sensor Security Floodlight Exterior with Remote 16.4 FT Cable, 2-12H Dusk to Dawn Spots Lighting Outside Motion Sensor Light

intelamp US-YL005-18GP20

intelamp Solar Flood Light Instruction Manual

MODEL: US-YL005-18GP20

Introduction

Thank you for choosing the intelamp Solar Flood Light. This manual provides detailed instructions for the proper setup, operation, and maintenance of your new solar floodlight. Designed for superior brightness and energy efficiency, this light features a 20000mAh battery, 4000LM output, dual motion sensors, and linkable functionality for enhanced security and convenience. Please read this manual thoroughly before installation and keep it for future reference.

Package Contents

Please verify that all components are present in your package:

- 1 x intelamp Solar Flood Light Unit
- 1 x Solar Panel
- 1 x Remote Control
- 1 x Sensor Box
- Mounting Hardware (screws, anchors, brackets)
- 1 x Instruction Manual (this document)



Image: Overview of the intelamp Solar Flood Light components.

Product Features

- **Smart Linkable Light:** Synchronized control allows the sensor box to signal the light to turn on, and the light to signal other lights within 100 feet to illuminate, ensuring a well-lit path and enhancing energy efficiency and safety.
- **Super Brightness:** Features 210 high-quality LED beads and a high-transparency PC lampshade, providing 4000LM brightness. The high-efficiency solar panel and 20000mAh battery ensure rapid charging in 5 hours of direct sunlight for all-night illumination.
- **Convenient Remote Control:** A 16.4 FT range remote allows selection of sensing mode or long lighting mode, and brightness level adjustment (60%, 80%, 100%).
- **Wide Lighting Range:** Three-sided lamp design offers a full 180° illumination range and can be adjusted up and down by 120 degrees for versatile coverage.
- **Seamless Installation and Weatherproof Design:** Includes a 16.4FT cable for flexible placement of the solar panel and light. IP65 waterproof rating ensures durability for diverse indoor and outdoor applications.

Setup and Installation

Proper placement of both the solar panel and the light unit is crucial for optimal performance. The 16.4 FT cable provides flexibility for installation.

1. **Choose a Location for the Solar Panel:** Select a location that receives at least 5 hours of direct sunlight daily to ensure the battery is fully charged for all-night operation. The solar panel can be mounted on walls, roofs, or poles.
2. **Mount the Solar Panel:** Use the provided mounting hardware. Mark the drill points using the bracket, drill pilot holes, and secure the solar panel bracket. Adjust the angle of the solar panel to maximize sun exposure.
3. **Choose a Location for the Light Unit:** Identify an area requiring illumination. The light unit can be installed up to 16.4 feet away from the solar panel.
4. **Mount the Light Unit:** Secure the light unit using its dedicated mounting bracket and hardware. Ensure it is positioned to cover the desired area. The light unit offers 120-degree vertical adjustment.
5. **Connect the Solar Panel to the Light Unit:** Connect the cable from the solar panel to the input port on the light unit. Ensure the connection is secure and waterproof.



Image: Flexible installation with a 16.4ft cable, allowing the solar panel to be placed in direct sunlight and the light unit where needed.

Two Installation Methods



Image: Illustration of pole mount and wall mount installation options.

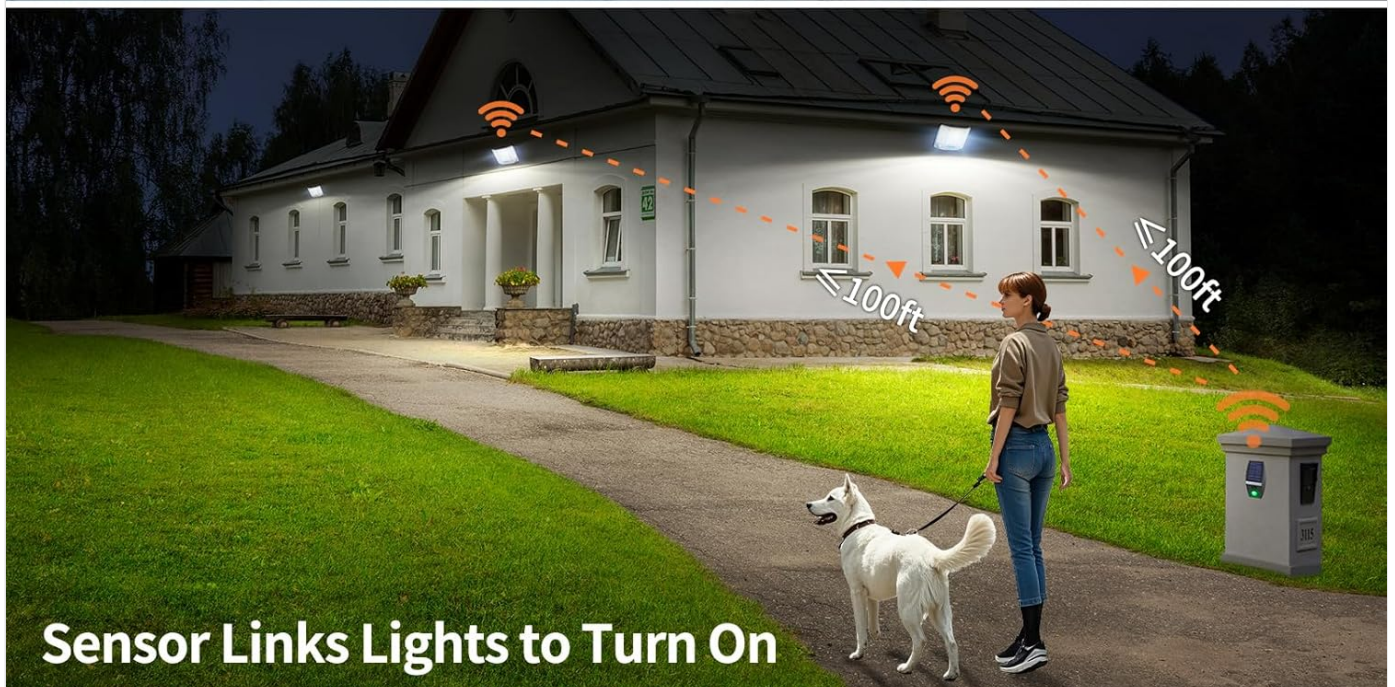
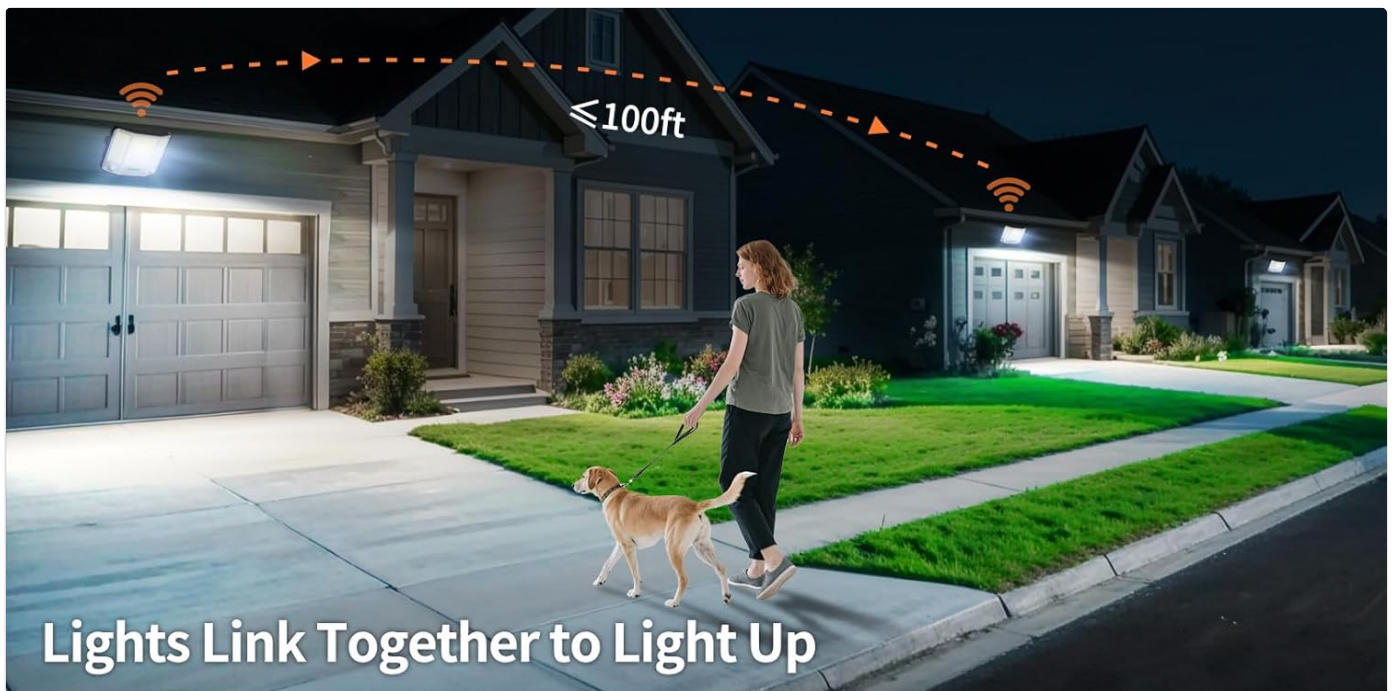


Image: The light unit is IP65 rated, ensuring durability against various weather elements.

Operating Instructions

Your intelamp Solar Flood Light comes with a remote control for convenient operation and multiple lighting modes.

Remote Control Functions

- **ON/OFF:** Turns the light on or off.
- **Motion Sensor Mode (30s, 3m, 10m):** The light activates at 4000LM brightness upon motion detection and stays on for the selected duration (30 seconds, 3 minutes, or 10 minutes) before dimming or turning off.
- **Lighting Mode (2H, +1H, 6H):** Sets the continuous lighting duration from 2 to 12 hours. The light will remain on at a set brightness for the programmed time.
- **Dim/Off:** In sensing mode, this button controls whether the light dims to a low brightness or turns completely off when no motion is detected. In long light mode, it controls dimming or turning off after the programmed lighting.
- **Brightness Adjustment (60%, 80%, 100%):** Adjusts the light output to conserve battery life on cloudy days or for desired illumination levels.



Motion Sensor Mode

- ✓ Energy-saving, bright 4000LM light
- ✓ 30s delay ideal for busy areas
- ✓ 3m or 10m sensor range for private spaces

Lighting Mode (Steady On)

- ✓ Continuous 2000LM light for 2 to 12 hours
- ✓ Perfect for outdoor gatherings and all-night security

Adjustable brightness

- ✓ 60%, 80%, 100%
- ✓ Lower brightness on cloudy days to extend light time

Image: Remote control layout with various operational settings.

Smart Linkable Function

The intelamp Solar Flood Light features a unique linkable function, allowing multiple lights to communicate and activate together.

- **Sensor Box Activation:** If a separate sensor box (included) is placed at an entry point (e.g., gate), it can detect motion and signal the main floodlight to turn on before you arrive.
- **Light-to-Light Linking:** When one intelamp floodlight detects motion, it can signal other linked intelamp lights within 100 feet to also illuminate, creating a continuous, well-lit path.

Linkable Solar Sensor

Turns on all lights within 100ft when movement is detected.
Only 1 hour sunlight to charge



Image: The linkable solar sensor ensures lights turn on within 100 feet upon motion detection.

IP65 Rated Built to Weather the Storm



Image: Examples of lights linking together for extended illumination and a sensor activating multiple lights.

Maintenance

To ensure the longevity and optimal performance of your intelamp Solar Flood Light, follow these simple maintenance guidelines:

- **Clean the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Check Connections:** Periodically inspect all cable connections to ensure they are secure and free from corrosion or damage.
- **Clear Obstructions:** Ensure no trees, buildings, or other objects are blocking direct sunlight from reaching the solar panel, especially during peak charging hours.
- **Battery Care:** The built-in battery is designed for long life. Avoid prolonged storage of the light in a completely discharged state. If storing for an extended period, ensure the battery is fully charged.

Troubleshooting

If you encounter issues with your intelamp Solar Flood Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar panel charging.	Ensure the solar panel is in direct sunlight for at least 5 hours daily. Clean the solar panel surface. Check for obstructions.
Light flickers or has low brightness.	Partial charge or dirty solar panel.	Allow the solar panel to charge fully. Clean the solar panel. Check cable connections.
Remote control not working.	Battery in remote is dead or remote is out of range.	Replace the AAA battery in the remote control. Ensure you are within the 16.4 FT range.
Linkable function not working.	Lights are out of range or obstructions.	Ensure linked lights are within 100 feet of each other without significant obstructions.

Specifications

Feature	Detail
Brand	intelamp
Model Name	YL005-18GP20
Item Model Number	US-YL005-18GP20
Style	Motion Sensor Light
Light Output	4000LM
Battery Capacity	20000mAh
Solar Panel	20W Topcon Solar Panel, 5V/4000mA
Charging Efficiency	24%
Full Charge Time	5 hours (direct sunlight)
Illumination Time	12+ hours (all-night illumination)
LED Beads	210 high-quality LED beads
Light Color	6500K White Daylight
Lighting Angle	180° (three-sided lamp design)
Adjustable Angle	120 degrees (up and down)
Cable Length	16.4 FT
Water Resistance	IP65 Waterproof
Material	Acrylonitrile Butadiene Styrene, Stainless Steel

Feature	Detail
Product Dimensions	16.5"L x 13.1"W x 3.7"H
Item Weight	2.68 Pounds
Control Method	Remote, Touch
Voltage	3.2 Volts (DC)

16.4Ft Cable for Flexible Installation

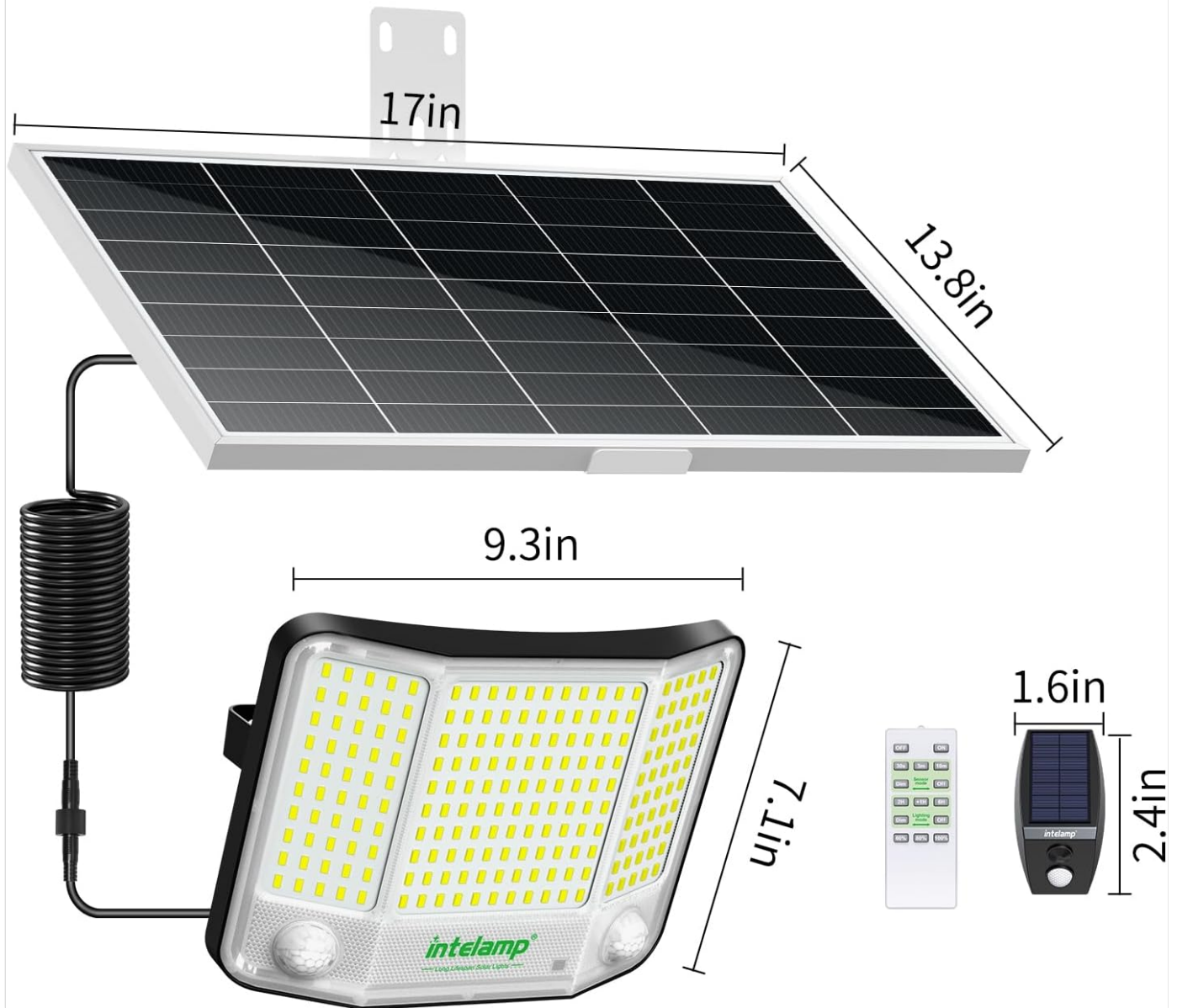


Image: Detailed dimensions of the solar panel, light unit, and remote control.

Warranty and Support

The intelamp Solar Flood Light comes with a **Limited Warranty**. For specific warranty terms and conditions, please refer to the warranty card included in your package or contact intelamp customer support.

If you require further assistance, have questions about installation, operation, or troubleshooting that are not covered in this manual, please contact intelamp customer support through the vendor information provided at your point of purchase or visit the official intelamp website.

