

## Claoner Oversized 234 LED Solar Wall Light

# Claoner Oversized 234 LED Solar Wall Light Instruction Manual

Model: Oversized 234 LED Solar Wall Light

Brand: Claoner

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Claoner Oversized 234 LED Solar Wall Light. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product. Keep this manual for future reference.

## 2. SAFETY INSTRUCTIONS

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- Ensure the solar panel is installed in a location that receives direct sunlight for at least 6-8 hours daily to maximize charging efficiency.
- Do not disassemble, repair, or modify the product yourself. Contact qualified personnel for service.
- Keep the product away from fire or high temperatures.
- Avoid placing the light near other strong light sources at night, as this may interfere with the motion sensor operation.
- The product is IP65 waterproof, suitable for outdoor use, but avoid submerging it in water.

## 3. PRODUCT OVERVIEW AND FEATURES

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The Claoner Oversized 234 LED Solar Wall Light is designed for outdoor illumination, featuring a split design for flexible installation and enhanced charging. It includes a motion sensor and multiple lighting modes.



Image: Two Claoner Oversized 234 LED Solar Lights, each with a separate solar panel connected by a 5-meter cable, and two remote controls. The lights feature three adjustable panels.

### Key Features:

- **Efficient Charging:** Features a split design allowing the solar panel to be installed in optimal sunlight, separate from the light fixture. The 140 mm x 124 mm super large solar panel ensures higher charging efficiency.
- **Extended Battery Life:** Equipped with a 2400mAh battery for energy storage, providing reliable lighting even on cloudy or rainy days.
- **Enhanced Brightness:** Incorporates 234 LED lamp beads and a reflective lampshade for superior illumination.
- **Wide Lighting Coverage:** Three adjustable light panels (total length 300 mm, width 105 mm) allow for a lighting angle of over 270°, covering an area of 10-15 meters, up to 2000 sq ft.
- **Motion Sensor:** A 16.3mm sensor head provides a 180° detection range of 5-7 meters.
- **Multiple Modes:** Offers 3 operating modes, easily selectable via the included remote control.
- **Durable and Waterproof:** Constructed from high-quality ABS plastic with an IP65 waterproof rating, ensuring functionality in various weather conditions including rain, snow, and frost.

# Larger Solar Panels

- Higher Charging Efficiency



Image: The large solar panel mounted on a roof, illustrating its placement for optimal sunlight exposure to achieve higher charging efficiency for the solar light.

# OURS

Upgraded+ Expanded



Number of Lamp Beads

**234 LEDs**

Light Board

**3 sides**

Battery Capacity

**2400mAh**

Remote Controller



# OTHERS



Number of Lamp Beads

**108 LEDs**

Light Board

**single sided**

Battery Capacity

**1200mAh**

Remote Controller



Image: Comparison chart highlighting the Claoner solar light's features: 234 LED lamp beads, 3-sided light board, 2400mAh battery capacity, and included remote control, contrasting with typical competitor specifications.



Image: The Claoner solar light installed outdoors during snowy weather, emphasizing its IP65 waterproof rating and resistance to heat and frost, making it suitable for all weather conditions.

# ULTRA-WIDE RANGE LIGHTING



Image: The wide lighting and detection range of the Claoner solar light installed above a garage. It highlights a 270° lighting range, 180° detection range, and coverage of up to 2000 sq ft.

## 4. SETUP AND INSTALLATION

The Claoner solar light is designed for easy installation with all necessary accessories included. No external power source connection is required.

### Installation Steps:

1. **Choose Location:** Select a location for the solar panel that receives direct sunlight for at least 6-8 hours daily. The light fixture can be installed in a desired illumination area, even if it's partially shaded, thanks to the 5-meter connecting cable.
2. **Mount the Light Fixture:** Secure the light fixture's mounting bracket to a wall or desired surface using the provided screws and anchors.
3. **Mount the Solar Panel:** Install the solar charging panel in the chosen sunny location, ensuring it is securely fastened.
4. **Connect Cables:** Connect the cable from the solar panel to the light fixture. Ensure the connection is secure and waterproof.

5. **Adjust Light Panels:** Adjust the three light panels to achieve the desired lighting angle and coverage.

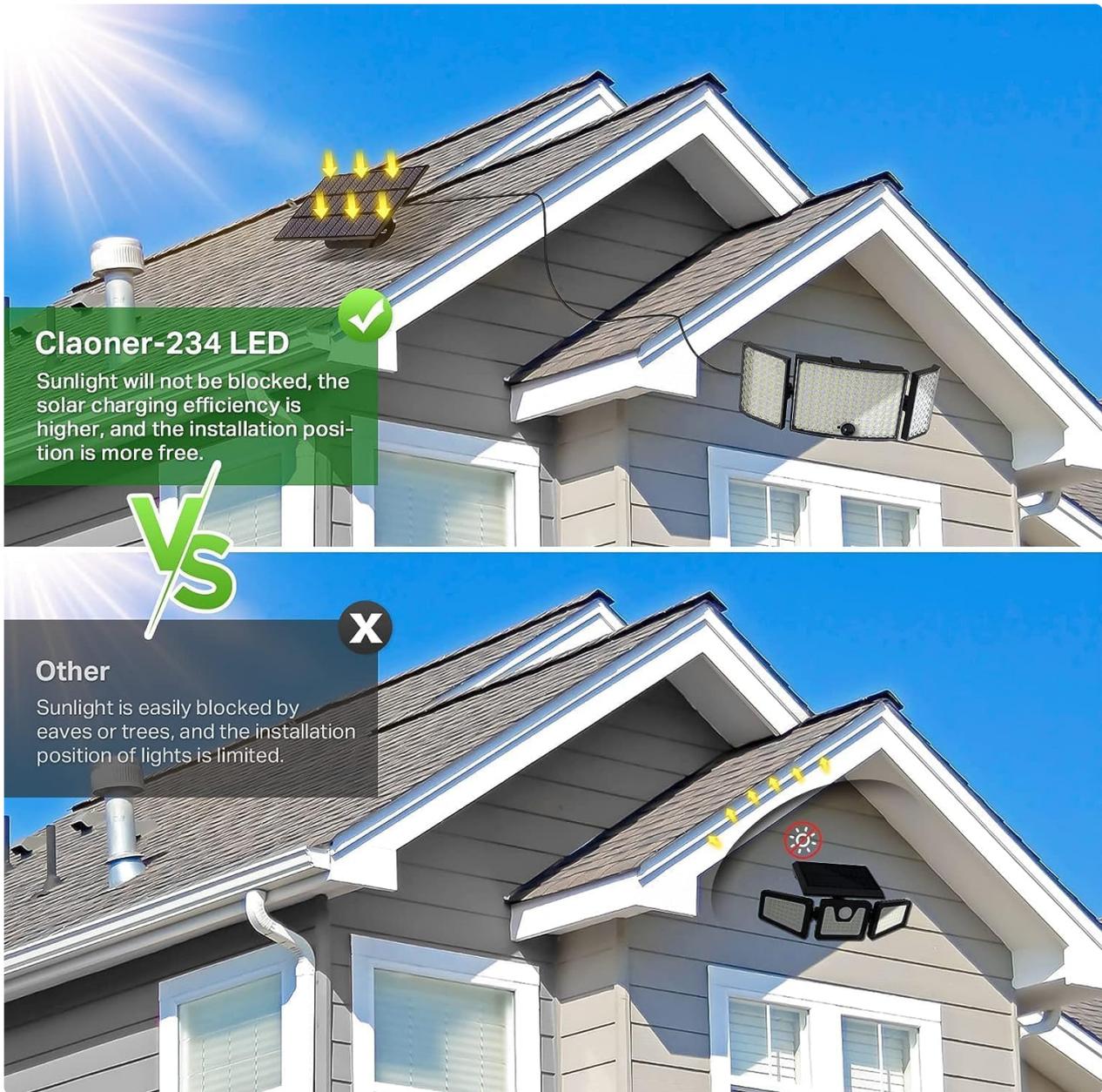


Image: Diagram comparing the installation flexibility of the Claoner solar light (top) with a standard solar light (bottom). The Claoner's separate solar panel allows for optimal sun exposure even if the light is installed in a shaded area, unlike integrated designs.



Image: Four-panel image illustrating the installation process: 1) Attaching the light fixture to a wall mount, 2) Connecting the waterproof cable between the light and solar panel, 3) Securing the light fixture, and 4) Using the remote control to operate the installed light.

## 5. OPERATING INSTRUCTIONS

The solar light operates automatically at night and can be controlled using the provided remote control.

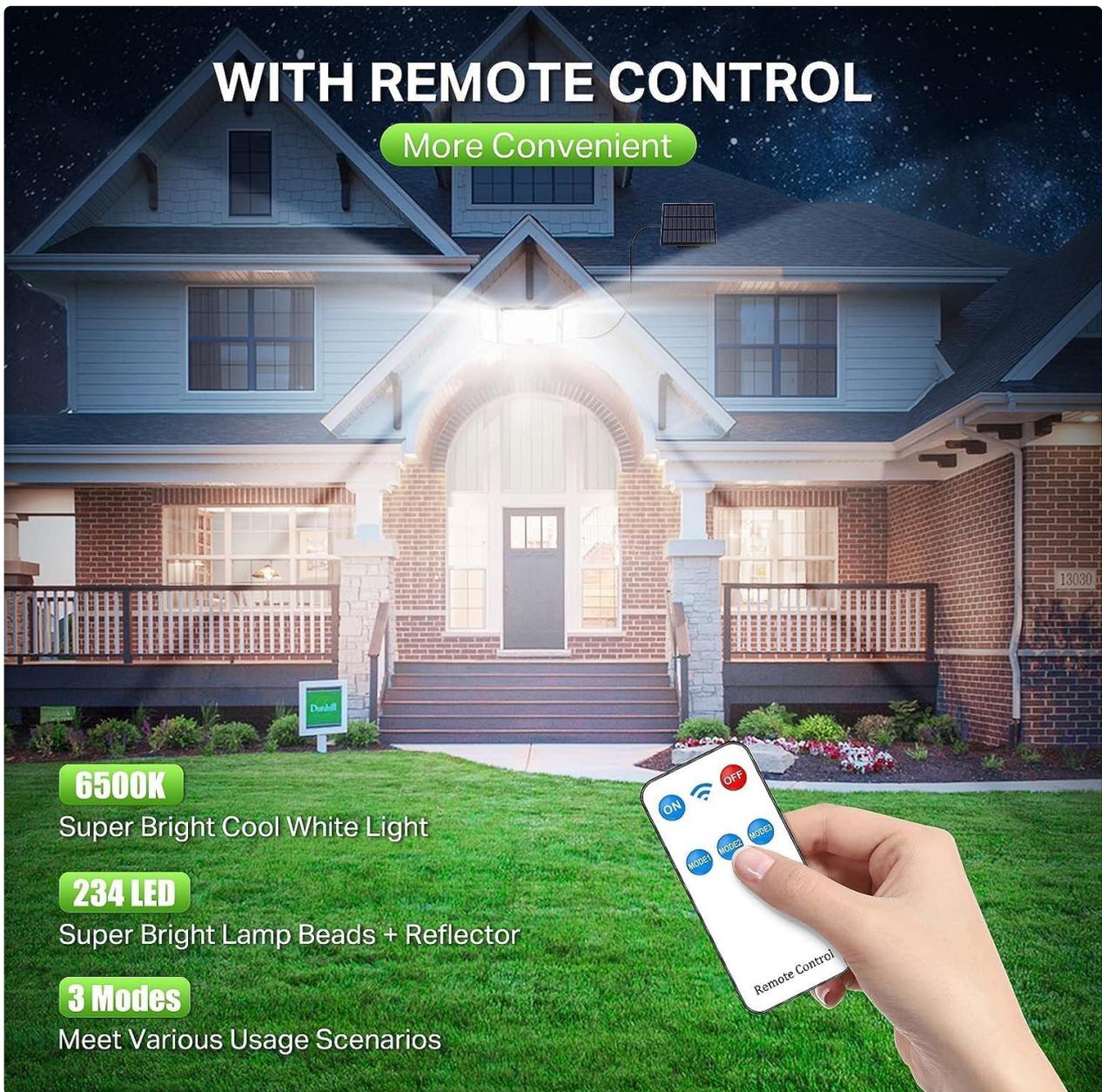
### Remote Control Functions:

- **ON/OFF:** Turns the light on or off.
- **MODE 1:** Motion sensor mode. The light turns on at full brightness when motion is detected and turns off after approximately 15-30 seconds of no motion.
- **MODE 2:** Dim light + Motion sensor mode. The light stays on at a dim level and brightens to full intensity when motion is detected, returning to dim after 15-30 seconds of no motion.
- **MODE 3:** Constant dim light mode. The light stays on at a continuous dim level throughout the night.

Press the desired mode button on the remote control to select the operating mode.

# WITH REMOTE CONTROL

More Convenient



**6500K**

Super Bright Cool White Light

**234 LED**

Super Bright Lamp Beads + Reflector

**3 Modes**

Meet Various Usage Scenarios

Image: The Claoner solar light illuminating a house exterior at night, with a hand holding the remote control. Text indicates 6500K cool white light, 234 LEDs, and 3 operating modes.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the lifespan of your solar light.

- **Clean Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Clean Light Fixture:** Clean the light panels and sensor lens as needed to maintain brightness and sensor sensitivity.
- **Check Connections:** Occasionally inspect the cable connections between the solar panel and the light fixture to ensure they remain secure and free from damage.
- **Battery:** The internal battery is designed for long-term use. Do not attempt to replace it yourself.

## 7. TROUBLESHOOTING

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If your 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 sunlight exposure for the solar panel.	Relocate the solar panel to an area with direct sunlight for 6-8 hours daily. Ensure no obstructions block the panel.
Light duration is short.	Solar panel is dirty or partially shaded.	Clean the solar panel. Check for any new obstructions (e.g., tree branches).
Motion sensor not working.	Sensor is dirty or blocked. Light is in the wrong mode.	Clean the sensor lens. Ensure the light is set to Mode 1 or Mode 2 using the remote control.
Remote control not responding.	Remote battery is dead or out of range.	Replace the remote control battery. Ensure you are within the effective range of the remote.

## 8. SPECIFICATIONS

Feature	Specification
Brand	Claoner
Model	Oversized 234 LED Solar Wall Light
Material	Acrylonitrile Butadiene Styrene (ABS)
LED Quantity	234 LEDs
Solar Panel Size	140 mm x 124 mm
Battery Capacity	2400mAh
Light Panel Configuration	3 adjustable panels (total length 300 mm, width 105 mm)
Lighting Angle	Over 270°
Lighting Range	10-15 meters (up to 2000 sq ft)
Motion Sensor	16.3mm sensor head
Detection Range	180°, 5-7 meters
Waterproof Rating	IP65
Cable Length	5 meters
Included Components	Solar light fixture, solar panel, 5m cable, remote control, mounting accessories
Item Weight	1.31 Kilograms

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Claoner customer service through your purchase platform. Keep your purchase receipt as proof of purchase.

