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> CLAONER Solar Lights Outdoor, [128 LED/6 Packs] Solar Motion Sensor Lights 3 Working Modes Outdoor Lights with 270° Wide Angle Wireless IP65 Waterproof Security Light for Fence Patio, Cold White Cold White 6 Packs

CLAONER CLCLSL013AB-USAS1

CLAONER Solar Lights Outdoor User Manual

Brand: CLAONER

Model: CLCLSL013AB-USAS1

PRODUCT OVERVIEW

The CLAONER Solar Lights Outdoor are advanced solar-powered motion sensor lights designed to provide efficient and reliable illumination for various outdoor spaces. Featuring 128 high-quality LEDs, a 270° wide-angle illumination, and three distinct working modes, these lights enhance safety and visibility around your home. Their wireless and IP65 waterproof design ensures durability and ease of installation in diverse weather conditions.

Key Features:

- **Upgraded Illumination:** 128 LEDs with 270° wide-angle coverage for broader and brighter lighting.
- **Motion Sensing:** Enhanced PIR motion inductor detects movement up to 12-20 feet with a 120° angle.
- **Energy Efficient:** Solar panel absorbs sunlight for continuous illumination, operating by motion detection at night after 10 hours of daytime charging.
- **Durable Design:** Made of high-strength ABS material with IP65 waterproof rating, resistant to heat and frost.
- **Multiple Modes:** Offers 3 working modes: Normally On, Dim Light Sensor, and Intense Light Sensor for varied lighting needs.



Figure 1: CLAONER Solar Lights Outdoor, showing a pack of six units.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present and in good condition:

- CLAONER Solar Motion Sensor Lights (6 units)
- Installing Screws (6 sets)
- Plastic Anchors (6 sets)
- Adhesive Tape (6 pieces)
- User Manual (1 copy)



Figure 2: Contents of the CLAONER Solar Lights package, including lights, mounting hardware, and manual.

Your browser does not support the video tag.

Video 1: An overview of the CLAONER 128LED Solar Motion Sensor Lights, demonstrating their features and components.

SPECIFICATIONS

Feature	Detail
Brand	CLAONER
Model Name	HSG-T18
Item Model Number	CLCLSL013AB-USAS1
Color	Cold White
Material	Plastic, Acrylonitrile Butadiene Styrene
Light Source Type	LED (128 count)
Power Source	Solar Powered
Special Features	270° wide-angle illumination, Reflector LED bead, 120° detect angle, 3-way switching, IP65 waterproof
Water Resistance Level	Waterproof (IP65)
Product Dimensions	4.4"L x 2.3"W x 4.2"H
Item Weight	2.16 pounds (for 6-pack)
Installation Type	Wall Mount
Batteries Included	Yes

Feature	Detail
Warranty Type	12 Month

SETUP & INSTALLATION

The CLAONER Solar Lights offer two convenient installation methods:

1. **Screw Mounting (Recommended):**

For a secure and permanent installation, use the provided screws and plastic anchors. Mark the desired mounting location, drill a single hole, insert the anchor, and then secure the light with the screw.

2. **Adhesive Patch Mounting:**

For a less permanent solution or on surfaces where drilling is not preferred, use the provided double-sided adhesive tape. Ensure the mounting surface is clean, dry, and smooth for optimal adhesion. Peel off the backing from the adhesive tape and firmly press the light onto the desired location.

Ensure the solar panel is positioned to receive direct sunlight for at least 8-10 hours daily to maximize charging efficiency.



Figure 3: Visual guide demonstrating both screw and adhesive installation methods for the solar lights.

Your browser does not support the video tag.

Video 2: An introductory video for the CLAONER 128LED Solar Lights, including details on setup and initial use.

OPERATING MODES

The CLAONER Solar Lights feature a single button to cycle through three distinct lighting modes, allowing you to customize illumination based on your needs:

1. **Normally On Mode (Constant Light):**

In this mode, the light stays on at a medium brightness throughout the night. Ideal for continuous ambient lighting.

2. **Dim Light Sensor Mode:**

The light remains in a dim state. When motion is detected, it brightens to high intensity for approximately 20 seconds, then returns to dim if no further motion is detected. This mode balances energy saving with responsive illumination.

3. Intense Light Sensor Mode (No Light to High Light):

The light remains off until motion is detected. Upon detection, it illuminates at high intensity for approximately 20 seconds, then turns off completely if no further motion is detected. This mode is optimized for security and maximum energy saving.

To switch between modes, simply press the small button located next to the motion sensor on the front of the light unit.

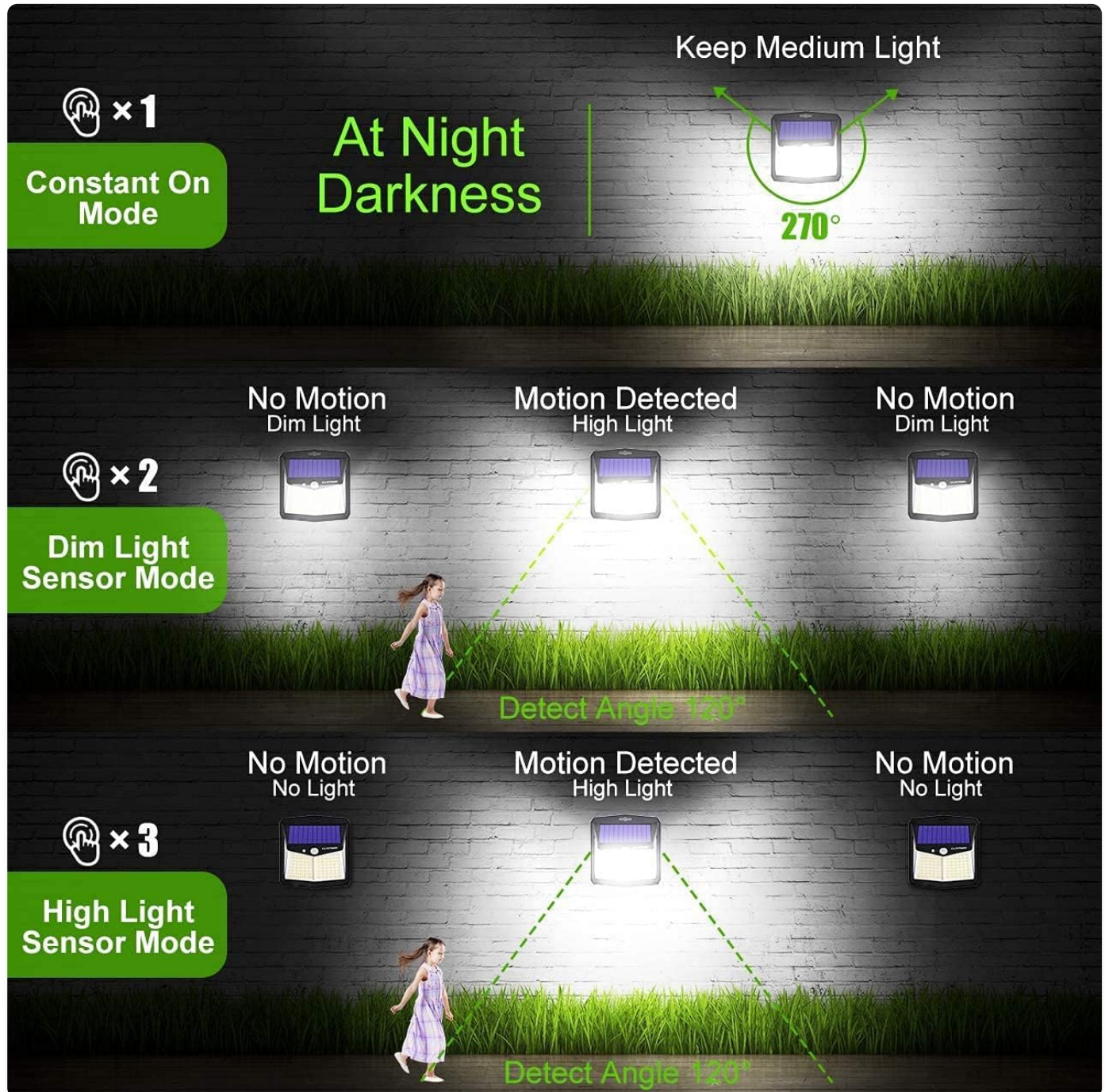


Figure 4: Detailed explanation of the three operational modes for the solar lights.



Figure 5: Illustration of how the motion sensor modes function in darkness, showing detection angles and light intensity changes.

MAINTENANCE

To ensure optimal performance and longevity of your CLAONER Solar Lights, follow these maintenance guidelines:

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Optimal Placement:** Periodically check that the lights are still positioned in an area that receives ample direct sunlight throughout the day. Trim any overhanging branches or obstructions that may block sunlight.
- **Weather Resistance:** The lights are IP65 waterproof, heat-resistant, and frost-resistant, designed to withstand various weather conditions. No need to bring them indoors during rain or cold weather.
- **Battery Longevity:** While the internal rechargeable battery is designed for long-term use, consistent full charging cycles will help maintain its capacity over time.



Compact size,
Suitable for door,
garage, yard, etc

1

2

Press it Once,
twice and three times to
switch different modes

3

4



Install Method 1:
Drill one hole and install the
light with the screws(Included)



Install Method 2:
Stick it with adhesive
tape(Included)

Figure 6: Depiction of the solar light's automatic charging during the day and illumination at night.



Figure 7: Highlighting the IP65 waterproof, heat-resistant, and frost-resistant features of the solar lights.

TROUBLESHOOTING

If your CLAONER Solar Lights are not functioning as expected, consider the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel receives 8-10 hours of direct sunlight daily. Clean the solar panel surface.
Light is dim or short-lived.	Partial charging or aging battery.	Relocate the light to a sunnier spot. Allow several days for full charge. If issue persists after extended use, battery may be degrading.

Problem	Possible Cause	Solution
Motion sensor not detecting.	Obstruction or incorrect mode.	Ensure the motion sensor is clear of obstructions. Verify the light is set to a motion-sensing mode (Mode 2 or 3).
Light flickers or behaves erratically.	Low battery or environmental interference.	Allow the light to fully charge. Ensure no other strong light sources or reflective surfaces are interfering with the sensor.

WARRANTY & SUPPORT

Your CLAONER Solar Lights are covered by a **12-month warranty** from the date of purchase, as indicated in the product specifications. This warranty covers manufacturing defects and issues arising from normal use.

For technical support, warranty claims, or any inquiries regarding your product, please contact CLAONER customer service through the platform where you made your purchase or refer to the contact information provided in the included User Manual.

Please have your purchase details and model number (CLCLSL013AB-USAS1) ready when contacting support to facilitate a quicker resolution.

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