HMCITY HM-4

HMCITY Solar Lights Outdoor 120 LED Motion Sensor Wall Lights Instruction Manual

1. Introduction

Thank you for choosing HMCITY Solar Lights Outdoor. These 120 LED motion sensor wall lights are designed to provide efficient and reliable outdoor illumination for your garden, deck, patio, or pathways. Featuring high-efficiency solar panels and a durable waterproof design, these lights offer a convenient and eco-friendly lighting solution.



Image 1: HMCITY Solar Lights Outdoor 120 LED Motion Sensor Wall Lights.

2. Product Features

- **Enhanced PIR Motion Inductor:** Offers three versatile lighting modes: motion sensor activation, permanent low light, and smart brightness control (low light with brighter activation upon motion).
- **High-Efficiency Solar Panel:** Equipped with monocrystalline silicon solar cells, achieving up to 20.5% conversion rate for increased electricity generation.
- **Durable Construction:** Lamp body made from high-impact ABS material, resistant to high temperatures, corrosion, and water.
- **Wider Lighting Angle & Larger Coverage:** 120 upgraded high-power LEDs with a 270° wide lighting angle, illuminating up to 30 square meters (323 sq ft).
- **IP65 Waterproof Design:** Built to withstand harsh weather conditions, ensuring reliable year-round use.
- **Wireless and Easy to Setup:** No electric wires needed, simple installation with included hardware or alternative methods.



Image 2: Solar panel converting sunlight into electricity for efficient charging.



Image 3: IP65 waterproof design ensures durability in various weather conditions.

3. Package Contents

Each HMCITY Solar Light package includes:

- HMCITY Solar Lights (quantity as per pack size)
- Expansion pillar-hinges
- Screws for installation

4. Setup and Installation

4.1 Initial Charging

Before first use, ensure the solar lights are charged in direct sunlight for 6–8 hours. This allows the internal battery to reach full capacity for optimal performance.

4.2 Choosing a Location

Select a location that receives ample direct sunlight throughout the day to maximize charging efficiency. Avoid areas under eaves, trees, or other obstructions that may block sunlight.

4.3 Mounting the Lights

1. Mark the desired mounting position on the wall or surface.
2. Drill holes at the marked spots.
3. Insert the expansion pillar-hinges into the drilled holes.
4. Align the light with the holes and secure it using the provided screws.

Alternatively, you can use mounting tape or other creative methods for installation, ensuring the light is securely attached and the solar panel is exposed to sunlight.

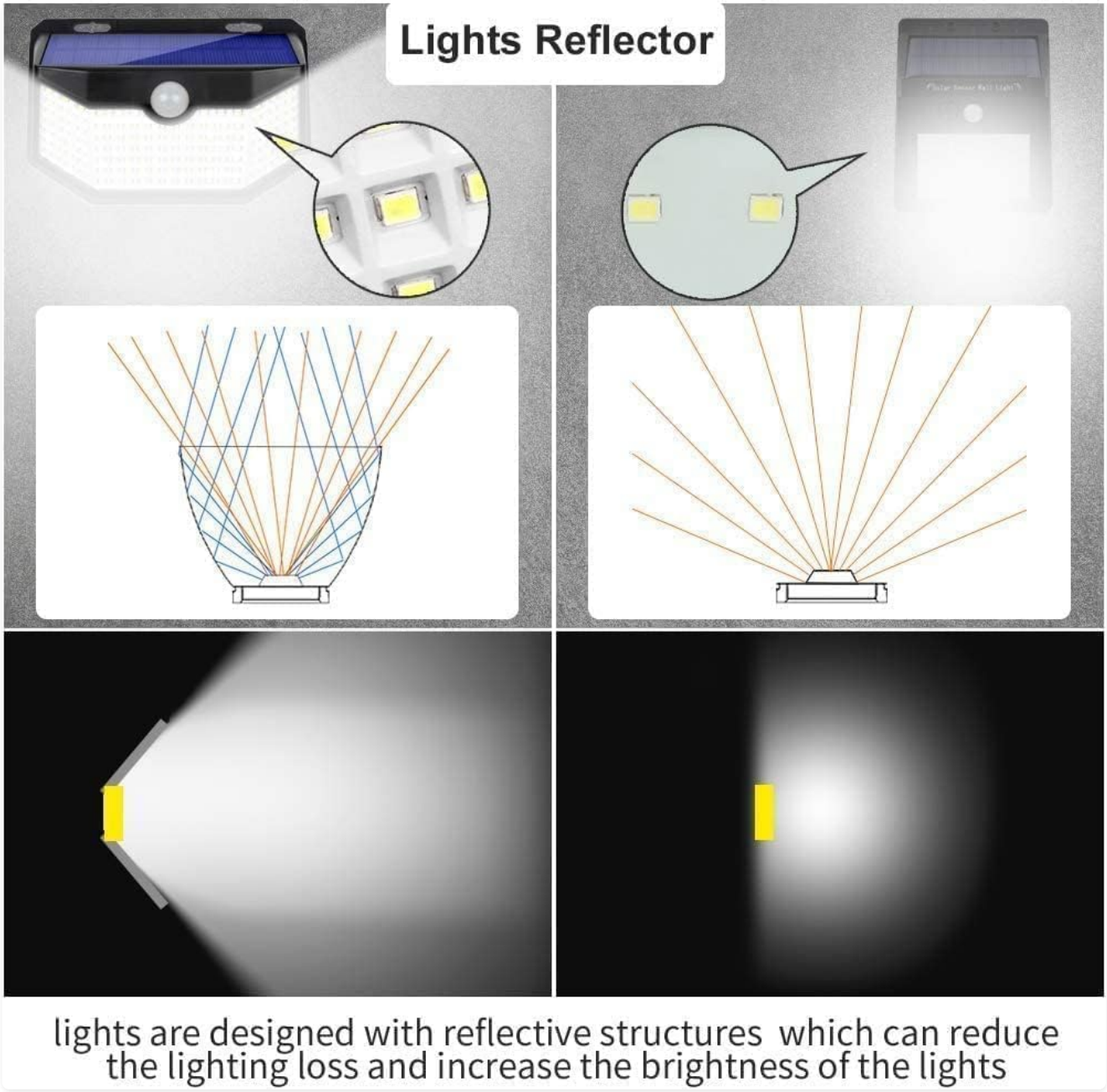


Image 4: Example of HMCITY Solar Light installation on an outdoor wall.

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Video 1: A seller demonstrates the installation process and low maintenance of the solar LED outdoor lights.

5. Operating Instructions

The HMCITY Solar Lights feature a back button for selecting between three lighting modes:

- **Mode 1 (Motion Sensor Only):** The light remains off until motion is detected, then turns on at full brightness. It turns off after a period of no motion.
- **Mode 2 (Permanent On):** The light stays on at a consistent brightness throughout the night, regardless of motion.
- **Mode 3 (Smart Brightness Control):** The light stays on at a lower brightness all night and becomes brighter when motion is detected. It returns to low brightness after a period of no motion.

Press the back button repeatedly to cycle through the modes until you reach your desired setting.

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Video 2: A seller reviews the HMCITY Solar Powered Lights, demonstrating their functionality and brightness.

6. Maintenance

- **Cleaning:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean solar panel ensures maximum charging efficiency.
- **Placement:** Periodically check that the light's location still receives adequate direct sunlight, especially if surrounding vegetation has grown.
- **Weather Resistance:** The IP65 rating ensures the lights are weather-resistant. No special protection is needed for rain, snow, or heat.

7. Troubleshooting

- **Light does not turn on at night:**
  - Ensure the solar panel is clean and receiving 6-8 hours of direct sunlight daily.
  - Check that the light is not installed near other light sources (e.g., streetlights) that might prevent the light sensor from activating.
  - Verify the selected operating mode is correct.
- **Light is dim or does not last long:**
  - Insufficient sunlight exposure during the day. Relocate the light to a sunnier spot.
  - The solar panel may be dirty. Clean it as described in the Maintenance section.
  - Battery may not be fully charged. Allow several days of full sunlight charging.
- **Motion sensor is not working:**
  - Ensure the light is in Mode 1 or Mode 3.
  - Check for obstructions blocking the sensor's field of view.

8. Specifications

Specification	Value
Brand	HMCITY
Model Number	HM-4
Color	Black Shell-Daylight White
Material	Plastic
Light Source Type	LED
Number of Light Sources	120
Brightness	960 Lumen
Color Temperature	6500 Kelvin

Power Source	Solar Powered
Voltage	3.7 Volts
Wattage	4.5 watts
Efficiency	20.5%
Water Resistance Level	IP65 Waterproof
Control Method	Push Button
Product Dimensions	5.44"L x 2.02"W x 3.62"H
Item Weight	14.8 ounces

9. Warranty and Support

HMCITY Solar Lights come with a standard return policy, typically 30 days from the date of purchase. For extended protection, 3-Year and 4-Year protection plans are available for purchase.

For any product inquiries, technical support, or warranty claims, please contact HMCITY customer service through your retailer or visit the official HMCITY store online.

Manufacturer: Hmcity

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.

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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