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› MDCMDCM 3000 Lumens 5-Head Adjustable Solar Flood Light User Manual

MDCMDCM IR2207-7

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Model: IR2207-7

INTRODUCTION

This manual provides comprehensive instructions for the MDCMDCM 3000 Lumens 5-Head Adjustable Solar Flood Light. Please read this manual carefully before installation and operation to ensure proper function and longevity of your device. Retain this manual for future reference.

SAFETY INFORMATION

- Ensure the solar panel receives direct sunlight for at least 6-8 hours daily for optimal charging.
- Do not disassemble or modify the product. Unauthorized modifications may void the warranty and pose safety risks.
- Keep the product away from fire or high temperatures.
- Dispose of batteries and electronic components according to local environmental regulations.
- Avoid direct eye exposure to the light source when illuminated.

PACKAGE CONTENTS

The package should contain the following items:

- MDCMDCM 5-Head Solar Flood Light (2 units)
- Remote Control (2 units)
- Mounting Screws (8 pieces)
- Wall Plugs (8 pieces)
- User Manual (1 piece)

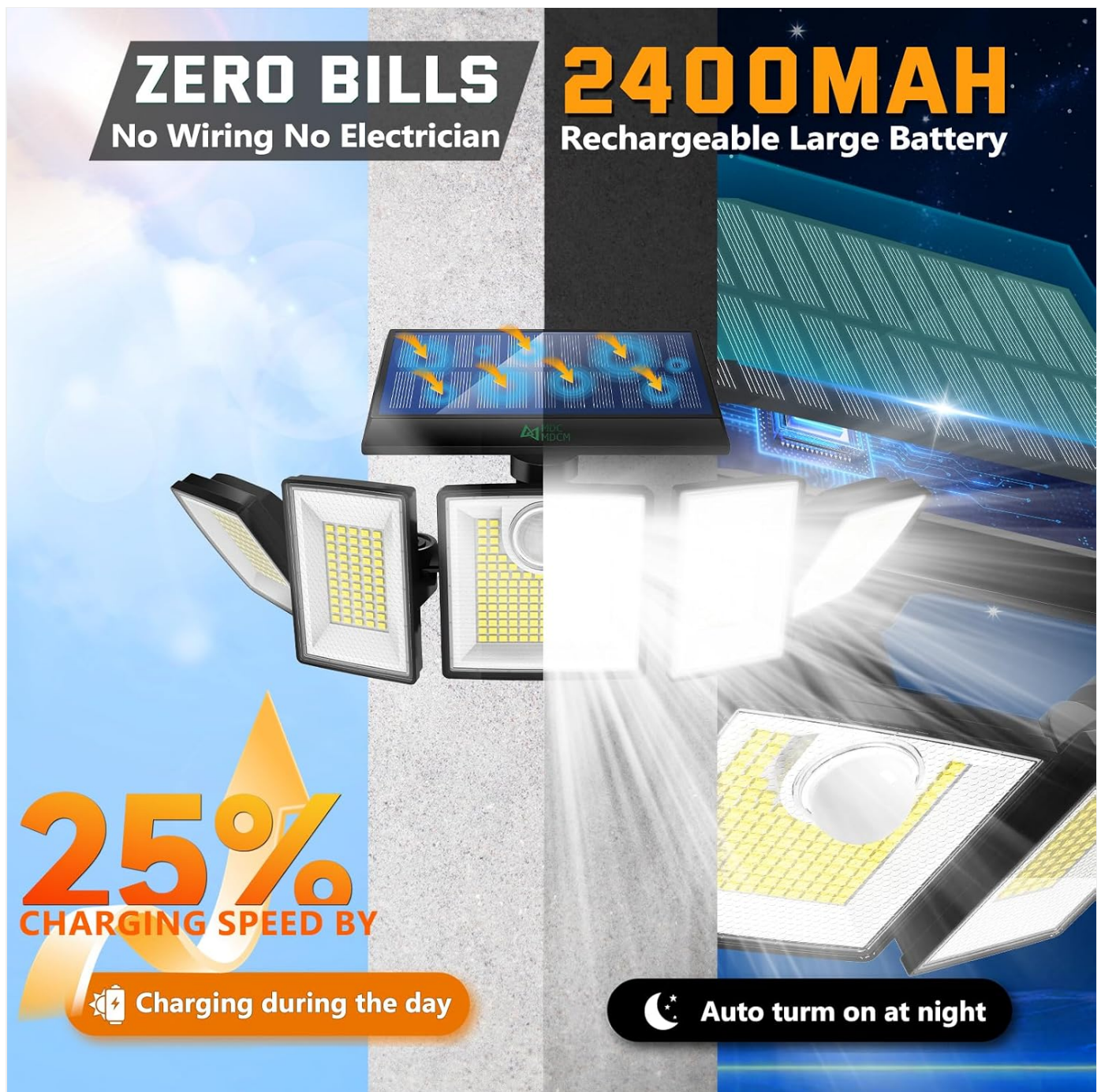


Image: The MDCMDCM Solar Flood Light, showing the main unit with its solar panel, five adjustable light heads, and motion sensor. The image also highlights the included remote control and mounting accessories.

PRODUCT OVERVIEW

The MDCMDCM Solar Flood Light features a 5-head design with 416 LEDs, an integrated motion sensor, and a solar panel for energy collection. It is designed for outdoor use and includes a remote control for convenient mode selection and brightness adjustment. The adjustable heads provide wide-angle illumination.



Image: Overview of the MDCMDCM 5-Head Solar Flood Light, highlighting its 3000 lumens, 416 LEDs, 8+ hours charging time, 800+ sensing times, and remote control functionality.

SETUP AND INSTALLATION

Follow these steps to properly install your solar flood light:

1. **Choose Location:** Select an installation location where the solar panel can receive direct sunlight for at least 6-8 hours daily. Avoid areas shaded by trees, buildings, or other obstructions. The ideal mounting height is between 6.5 to 8 feet (approximately 2 to 2.4 meters) for optimal motion detection and light coverage.
2. **Mark Drilling Points:** Use the mounting bracket as a template to mark the drilling points on the wall or mounting surface.
3. **Drill Holes:** Drill holes at the marked points and insert the provided wall plugs.
4. **Secure Bracket:** Secure the mounting bracket to the wall using the provided screws.
5. **Attach Light:** Attach the solar flood light unit to the secured mounting bracket, ensuring it is firmly in place.
6. **Adjust Angles:** Adjust the angle of the solar panel to maximize sun exposure. Position the five light heads to cover

the desired area. The light heads offer 360-degree rotation, and the solar panel is 135-degree adjustable.

360° Rotable & Easy Installation

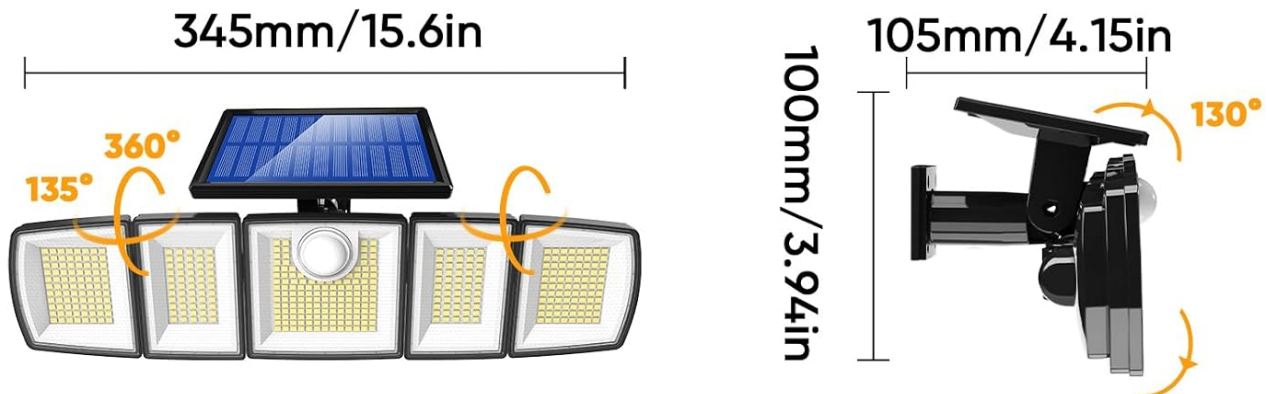


Image: Diagram illustrating the dimensions of the light and the recommended installation height (6.5-8ft). It also shows the 360-degree rotatable light heads and 135-degree adjustable solar panel, along with a visual guide for mounting.

Your browser does not support the video tag.

Video: This video demonstrates the unboxing of the MDCMDCM solar flood light, showcasing the components included in the package. It then illustrates the process of attaching the light to its mounting bracket and securing it to a surface, such as a tree.

OPERATING INSTRUCTIONS

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

Charging

The integrated solar panel charges the internal 2400mAh battery during daylight hours. Ensure the solar panel is clean and unobstructed for efficient energy conversion. A full charge typically requires 8 or more hours of direct sunlight.

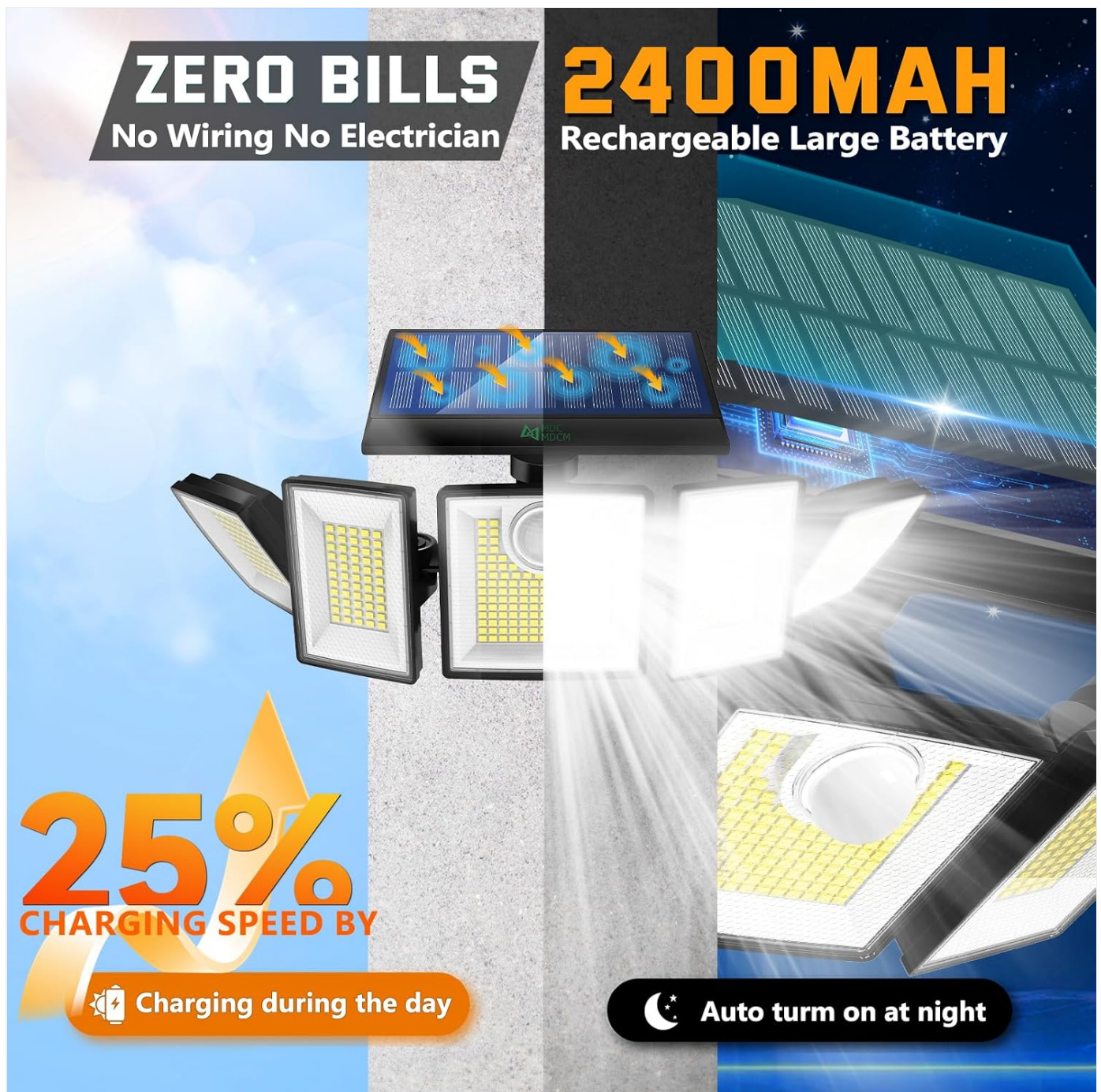


Image: Illustrates the solar panel charging during the day and the light automatically activating at night, emphasizing energy efficiency and the 2400mAh rechargeable battery.

Remote Control Functions

Use the remote control to select lighting modes and adjust brightness levels.

- **ON/OFF:** Power the light on or off.
- **Brightness +/-:** Adjust brightness to 30% (1000 Lumens), 60% (2000 Lumens), or 100% (3000 Lumens).
- **Mode 1:** Activates Sensor Mode.
- **Mode 2:** Activates Dim Continuous + Sensor Mode.
- **Mode 3:** Activates Continuous On Mode.

Lighting Modes

The light offers three distinct operating modes, selectable via the remote control:

1. **Sensor Mode (Mode 1):** The light remains off until motion is detected. Upon detection, it turns on at 100% brightness

(3000 Lumens) for approximately 30 seconds, then turns off if no further motion is detected.

2. **Dim Continuous + Sensor Mode (Mode 2):** The light stays on at a dim brightness (30% / 1000 Lumens) throughout the night. When motion is detected, it brightens to 100% (3000 Lumens) for approximately 30 seconds, then returns to dim mode.
3. **Continuous On Mode (Mode 3):** The light turns on at 60% brightness (2000 Lumens) at dusk and remains on continuously until dawn or until the battery is depleted.

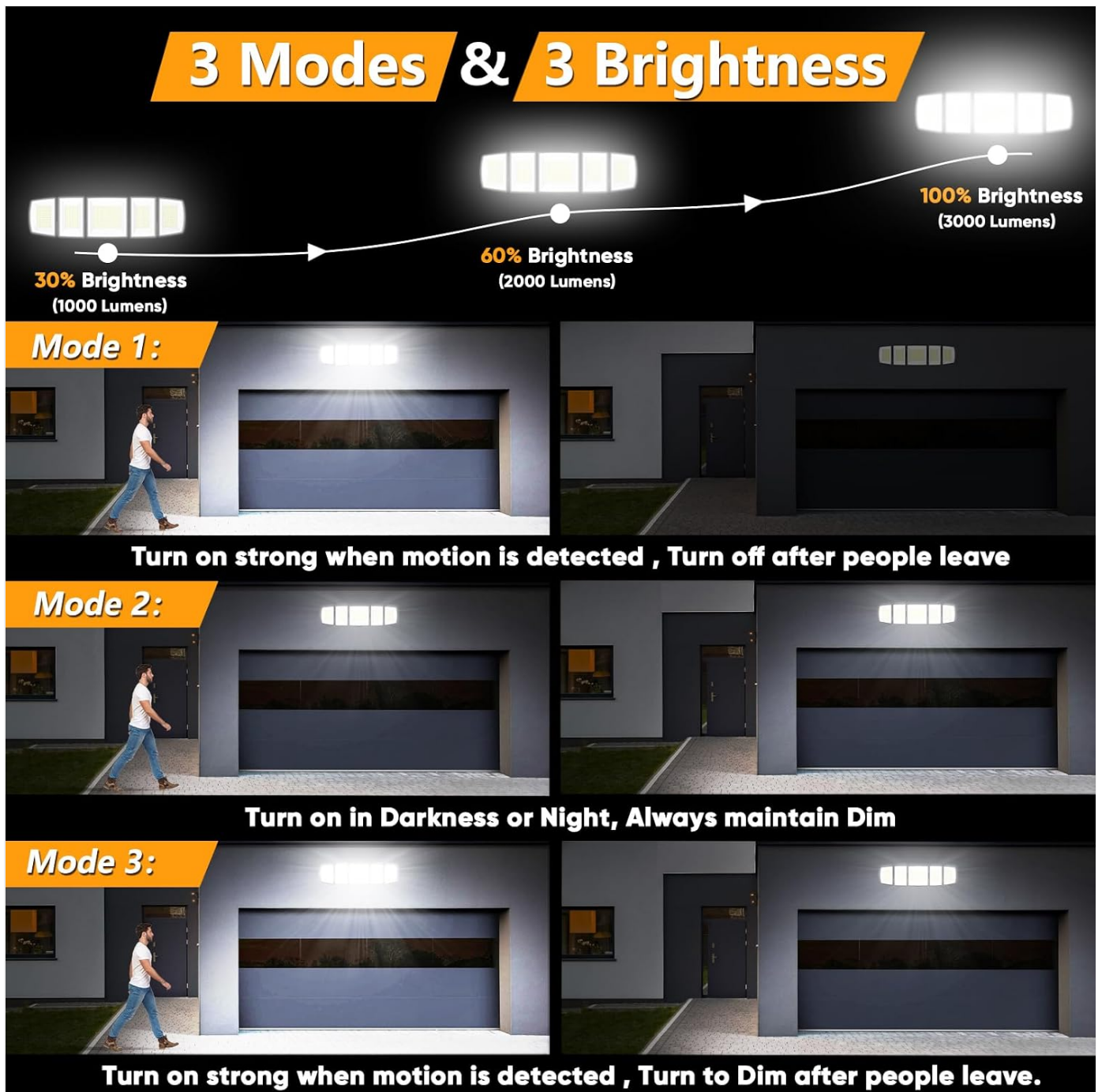


Image: Visual representation of the three lighting modes: Sensor mode (turns on with motion, then off), Dim continuous on all night, and Dim + Sensor mode (dim until motion, then bright, then dim again).

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Video: This video demonstrates the MDCMDCM solar light in various outdoor applications, showcasing its brightness and motion sensing capabilities in settings such as a garage entrance and a backyard.

MAINTENANCE

- **Cleaning:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures

efficient charging.

- **Positioning:** Periodically check that the solar panel is still optimally positioned for maximum sun exposure, especially after seasonal changes.
- **Inspection:** Inspect the light and mounting hardware for any signs of wear or damage. Tighten screws if necessary.
- **Weather Protection:** The light is IP65 waterproof, designed for all-weather durability, including frost, water, and heat resistance. No special weather-related maintenance is typically required beyond ensuring clear solar panel exposure.



Image: Highlights the IP65 waterproof rating and all-weather durability of the MDCMDCM solar light, showing its resistance to frost, water, and heat.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charging.	Ensure the solar panel is in direct sunlight for 6-8 hours daily. Clean the solar panel to remove any obstructions.
Light stays dim or turns off quickly.	Low battery charge or incorrect mode selected.	Allow more charging time. Check the selected lighting mode using the remote control and ensure it's not in a mode that conserves power.
Motion sensor not working or is too sensitive/insensitive.	Sensor obstructed, incorrect mode, or environmental factors.	Clear any obstructions from the sensor. Ensure the light is in Sensor Mode (Mode 1) or Dim + Sensor Mode (Mode 2). Adjust the light's position to optimize sensor range and sensitivity.

SPECIFICATIONS

- **Model Number:** IR2207-7
- **LED Quantity:** 416 LEDs
- **Brightness:** Up to 3000 Lumens (7000K color temperature)
- **Battery Capacity:** 2400mAh
- **Motion Sensor Range:** 15-32 ft (approximately 4.5-9.7 meters)
- **Motion Sensor Angle:** 180°
- **Illumination Area:** Up to 1600 SQFT
- **Waterproof Rating:** IP65
- **Light Head Adjustment:** 360° rotation
- **Solar Panel Adjustment:** 135°
- **Estimated Lifespan:** 50,000+ hours

WARRANTY AND SUPPORT

This product comes with a 365-day warranty from the date of purchase. For any questions, technical support, or warranty claims, please contact MDCMDCM customer service through the retailer's platform or the contact information provided with your purchase. Please have your purchase details and model number (IR2207-7) ready when contacting support.

ENVIRONMENTAL CONSIDERATIONS

The MDCMDCM Solar Flood Light utilizes solar energy, reducing reliance on grid electricity and contributing to environmental protection. Please dispose of the product and its components responsibly at the end of its lifespan, following local recycling guidelines for electronic waste and batteries.

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

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