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AOMIL Spotlights

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Model: Spotlights

1. PRODUCT OVERVIEW

The AOMIL 32 LED Solar Spot Lights are designed for outdoor landscape lighting, offering efficient and waterproof illumination for various applications. These lights feature an upgraded design with 32 LEDs for enhanced brightness and longer lighting distances.

Key Features:

- **Upgraded Solar Lights:** Equipped with 32 LEDs for brighter and more extensive illumination.
- **3 Lighting Modes:** Adjustable modes for varying brightness and duration (Low, Medium, High).
- **Energy Saving & High Efficiency:** Utilizes monocrystalline silicon solar panels with 20% energy conversion efficiency.
- **Automatic Operation:** Features a light sensor system for automatic on at nightfall and off in the morning.
- **Durable & Waterproof:** Constructed from high-quality ABS material with an IP65 waterproof rating, designed to withstand various weather conditions.
- **Versatile Installation:** Can be installed in-ground or wall-mounted.



Image 1.1: A pair of AOMIL 32 LED Solar Spot Lights installed in a garden, providing cool white illumination to a pathway and the front of a house at night. The top portion of the image shows a close-up of the two spotlights.

LED Solar Spot Light Outdoor



Image 1.2: Two AOMIL LED Solar Spot Lights positioned on a lawn, casting bright light onto a modern outdoor patio area with steps and seating, enhancing visibility and ambiance at night.

2. SETUP AND INSTALLATION

The AOMIL solar spot lights are designed for easy, wire-free installation. Follow these steps to set up your lights.

2.1 Unpacking and Initial Charge

Upon receiving your solar lights, ensure all components are present. It is recommended to allow the solar panels to charge in direct sunlight for at least 6-8 hours before initial use to ensure optimal battery performance.

2.2 Choosing an Installation Location

Select a location that receives ample direct sunlight throughout the day for the solar panel. Avoid areas shaded by trees, buildings, or other obstructions, as this will reduce charging efficiency and lighting duration.

2.3 Installation Steps

The lights can be installed in-ground using the provided stake or wall-mounted using screws.



Image 2.1: A four-panel illustration demonstrating the assembly and installation of the AOMIL solar spotlight. Steps include turning on the power switch, screwing the knob through the hole, placing and tightening the hexagon nut, and connecting the light to the bracket and securing it.

1. **Turn on the Power Switch:** Locate the power switch on the back of the spotlight and turn it to the 'ON' position.
2. **Assemble the Stake/Bracket:**
 - For in-ground installation: Connect the ground stake to the light fixture.
 - For wall-mounting: Use the provided screws and anchors to secure the bracket to a wall.
3. **Secure the Light:** Screw the knob through the hole, place the hexagon nut, and tighten it to secure the light to the stake or wall bracket.
4. **Positioning:** Ensure the solar panel faces upwards and is positioned to receive direct sunlight. Adjust the angle of the light head to illuminate your desired area.



Image 2.2: This image illustrates the versatility of the AOMIL solar spotlight, showing it mounted on a wall and staked into the ground. An inset graphic depicts sunlight charging the solar panel, indicating its energy-saving function.

3. OPERATING INSTRUCTIONS

Your AOMIL solar spot lights operate automatically, turning on at dusk and off at dawn. You can select from three lighting modes to suit your needs.

3.1 Automatic Operation

Once installed and charged, the built-in light sensor will detect ambient light levels. The lights will automatically activate when it gets dark and turn off when daylight returns, initiating the charging process.



Image 3.1: An illustration showing an AOMIL solar spotlight in two states: during the day, it is off and auto-charging under the sun, and at night, it is automatically on, illuminating the surroundings.

3.2 Selecting Lighting Modes

A single button allows you to cycle through the three available lighting modes:



Image 3.2: This image displays the three distinct lighting modes of the AOMIL solar spotlight. 'Low light mode' provides up to 20 hours of illumination, 'Medium light mode' offers up to 10 hours, and 'High light mode' delivers up to 6 hours, all from a full charge.

- **Mode 1 (Micro-Bright):** Provides a subtle, continuous light throughout the night. A full charge can last over 20 hours.
- **Mode 2 (Medium Bright):** Offers a balanced brightness for extended periods. A full charge can last over 10 hours.
- **Mode 3 (High Light):** Delivers maximum brightness for shorter durations. A full charge can last over 6 hours.

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

4. MAINTENANCE

To ensure the longevity and optimal performance of your AOMIL solar spot lights, follow these simple maintenance guidelines:

- **Clean Solar Panels:** Regularly wipe the solar panels with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and charging efficiency.

- **Clear Obstructions:** Periodically check that no new obstructions (e.g., growing foliage) are shading the solar panel during the day.
- **Inspect for Damage:** Occasionally inspect the light fixture, stake, and wiring (if any) for signs of wear or damage. Address any issues promptly.
- **Battery Care:** While the batteries are designed for long life, extreme temperatures can affect their performance. If storing the lights for an extended period, ensure they are fully charged and store them in a cool, dry place.

5. TROUBLESHOOTING

If your AOMIL solar spot lights are not functioning as expected, consider the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	<ul style="list-style-type: none"> • Power switch is OFF. • Insufficient sunlight for charging. • Solar panel is dirty or obstructed. • Light sensor is detecting ambient light. 	<ul style="list-style-type: none"> • Ensure the power switch is ON. • Relocate the light to an area with more direct sunlight. • Clean the solar panel. • Ensure the light is not near other strong light sources at night.
Light duration is shorter than expected.	<ul style="list-style-type: none"> • Insufficient charging time/sunlight. • Selected lighting mode consumes more power. • Battery capacity reduced due to age or temperature. 	<ul style="list-style-type: none"> • Ensure solar panel receives 6-8 hours of direct sunlight daily. • Switch to a lower lighting mode (Mode 1 or 2). • Consider replacing the battery if it's old and performance has significantly degraded.
Light is dim.	<ul style="list-style-type: none"> • Insufficient charge. • Solar panel is dirty. • Selected lighting mode is low. 	<ul style="list-style-type: none"> • Allow for more charging time in direct sunlight. • Clean the solar panel. • Switch to a higher lighting mode (Mode 2 or 3).

6. SPECIFICATIONS

Detailed technical specifications for the AOMIL 32 LED Solar Spot Lights.

Feature	Specification
Brand	AOMIL
Model Name	Spotlights
Light Source Type	LED (32 LEDs)
Light Color	Cool White
Power Source	Solar Powered
Solar Panel Efficiency	20% (Monocrystalline Silicon)
Material	Plastic (Acrylonitrile Butadiene Styrene)
Waterproof Rating	IP65
Product Dimensions	16.5"L x 13.3"W x 20.2"H
Item Weight	1.46 pounds
Control Method	Push Button
Mounting Type	Floor Mount / Wall Mount
Included Components	LED Lens



Image 6.1: An illustration of the AOMIL solar spotlight showing its dimensions (5.6in width, 4.2in height for the light head, 13.2in total height with stake) and icons representing its features: 32 LEDs, Solar Powered, IP65 Waterproof, 2-Way Installation, Energy Saving, and Dusk to Dawn operation.



Image 6.2: This image showcases the durability of the AOMIL solar spotlights, illustrating their resistance to frost in snowy conditions, an IP68 waterproof rating during a thunderstorm, and heat resistance under intense sunlight, confirming their suitability for diverse outdoor environments.

7. WARRANTY AND SUPPORT

For warranty information or technical support, please contact AOMIL customer service directly. Refer to your purchase documentation for specific warranty terms and contact details.

You can typically find support information on the manufacturer's official website or through the retailer where the product was purchased.

