Solar Light Mart M50X 4SP CW

Solar Light Mart Mini 50X 4-Spotlight Solar-Powered LED Spotlight User Manual

Model: M50X 4SP CW

Introduction

Thank you for choosing the Solar Light Mart Mini 50X 4-Spotlight Solar-Powered LED Spotlight. This system is designed to provide efficient and reliable outdoor lighting for your garden, yard, or landscape. Featuring a durable all-metal construction and a high-efficiency solar panel, these spotlights offer flexible installation and multiple lighting modes to suit your needs.

Key features include:

- **Premium & Durable Solar Panel:** High-efficiency 8W monocrystalline solar panel with aluminum frame and tempered glass cover for extended lifespan and performance.
- **Long-Lasting Battery & 3 Lighting Modes:** Equipped with a 7800mAh lithium battery, offering High (8-10 hrs), Medium (16-18 hrs), and Low (over 30 hrs) illumination after a full charge.
- **Dual Installation & Extended Cable:** Versatile installation with ground spikes or wall-mounting options. Includes a 32.8 ft cable with a waterproof connector for optimal solar panel placement.
- **Fully Weatherproof & Auto On/Off:** IP65 rated for protection against dust and rain. Automatically turns on at dusk and off at dawn.
- **All-Metal Robust Construction:** Aluminum alloy lamp body, metal bracket, and metal ground spike ensure superior durability and stability.

Package Contents

Please ensure all components are present before installation:

- 1 x Solar Panel (with integrated battery and control unit)
- 4 x LED Spotlights (Cool White)
- 4 x Ground Spikes
- Wall Mounting Hardware (screws, anchors)
- Connection Cables (32.8 ft total length with waterproof connectors)

- 1 x Instruction Manual



Image: Overview of the Solar Light Mart Mini 50X 4-Spotlight system, showing the solar panel, four spotlights, and connecting cables.

Setup and Installation

Follow these steps to set up your solar-powered LED spotlights:

1. **Assemble Spotlights:** Attach each spotlight to its respective ground spike or wall mount bracket using the provided hardware. The all-metal construction ensures a secure fit.
2. **Position Solar Panel:** Choose a location for the solar panel that receives maximum direct sunlight throughout the day. This is crucial for optimal charging and night-time performance. The panel can be mounted on a wall or staked into the ground.
3. **Connect Spotlights:** Connect the cables from the spotlights to the main cable extending from the solar panel. Ensure all waterproof connectors are securely tightened to prevent moisture ingress. The 32.8 ft extended cable allows for flexible placement of the spotlights relative to the solar panel.
4. **Place Spotlights:** Install the spotlights in your desired locations. For ground installation, firmly push the

ground spike into the soil. For wall mounting, use the provided screws and anchors. Adjust the angle of each spotlight to illuminate specific features in your landscape.



Image: Detailed view showing the dimensions of a single Mini 50X spotlight and its ground spike for accurate placement.

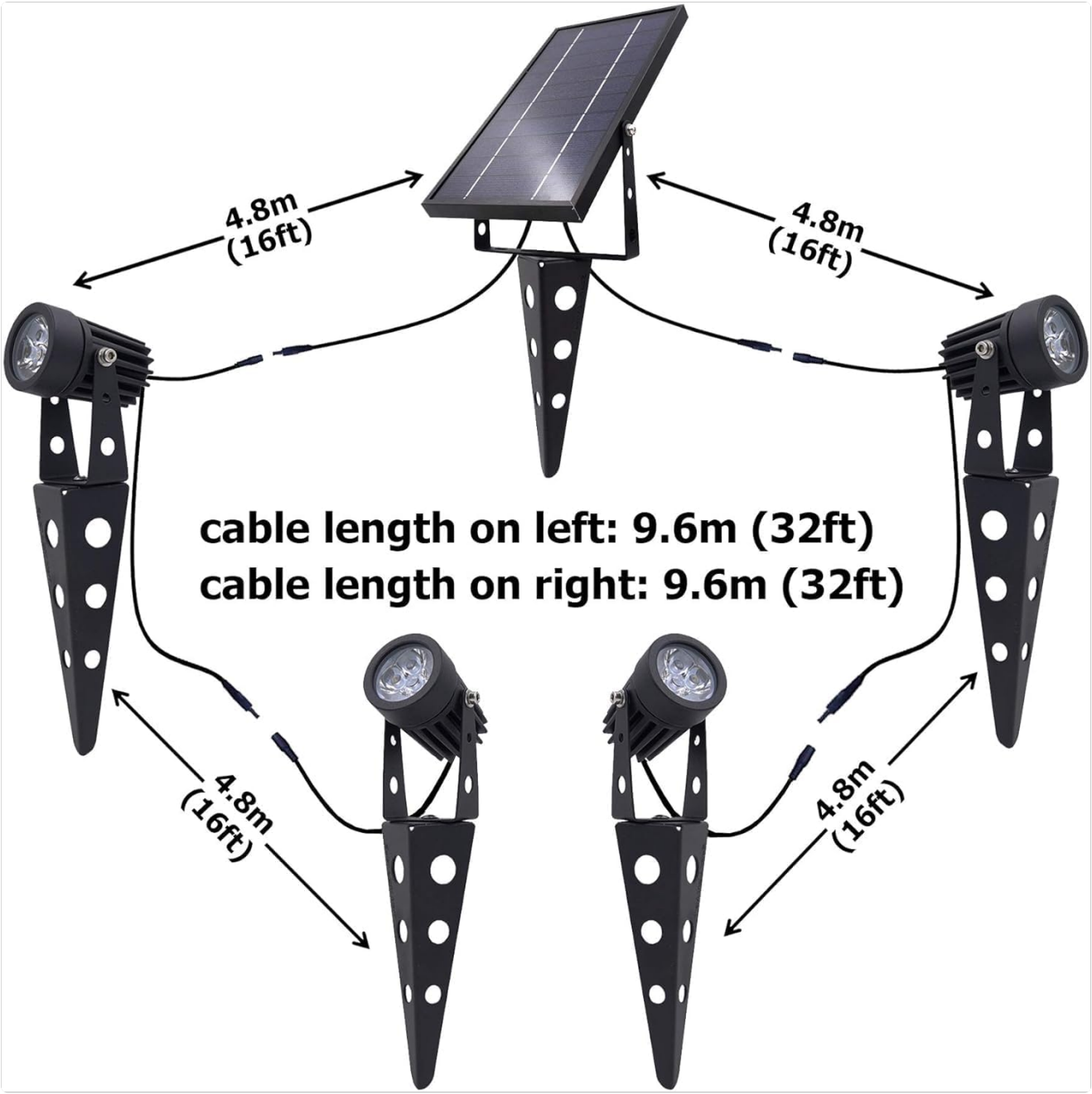


Image: Diagram illustrating the cable lengths for connecting the four spotlights to the central solar panel, highlighting the 32 ft total cable length.

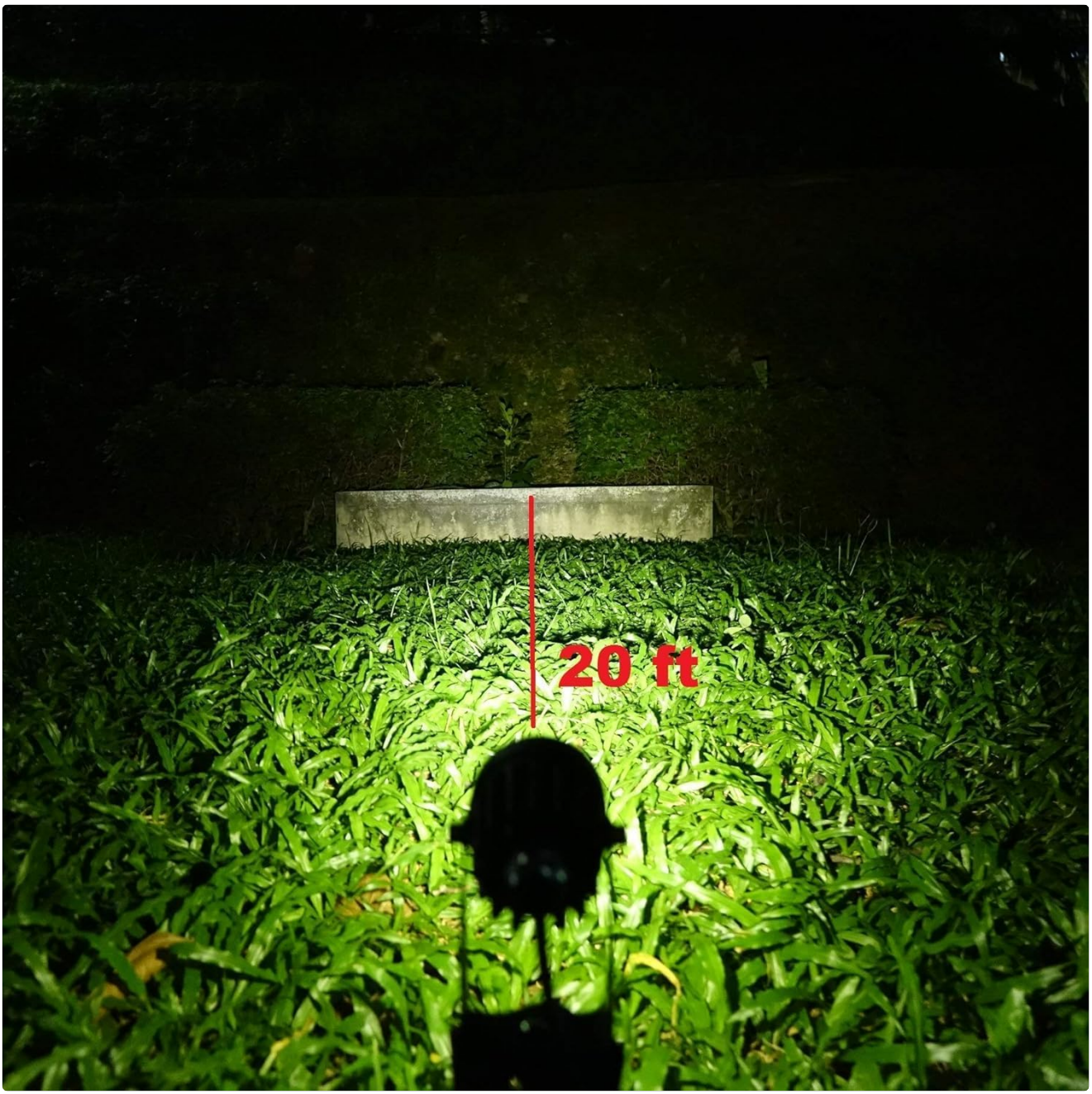


Image: Visual comparison of the two primary installation methods: using the ground insert for soft ground or the wall mount bracket for vertical surfaces.

Video: A demonstration of the Mini 50X Solar Spot Lights in an outdoor setting, showcasing their appearance and functionality.

Operating Instructions

The Mini 50X Solar-Powered LED Spotlights are designed for automatic operation:

- **Automatic On/Off:** The lights feature a built-in light sensor that automatically turns them on at dusk and off at dawn, conserving energy.
- **Lighting Modes:** The solar panel unit includes a button to cycle through three distinct lighting modes:
    - **High Mode:** Provides maximum brightness for 8-10 hours.
    - **Medium Mode:** Offers balanced brightness for 16-18 hours.
    - **Low Mode:** Extended illumination for over 30 hours at reduced brightness.
- **Initial Use:** For first-time use, ensure the solar panel is placed in direct sunlight for at least 8-10 hours to achieve a full charge.



Image: Visual representation of the three power modes (High, Medium, Low) and their corresponding battery life durations after a full charge.

Maintenance

To ensure the longevity and optimal performance of your solar spotlights, regular maintenance is recommended:

- **Clean Solar Panel:** Periodically wipe the solar panel surface with a soft, damp cloth to remove dust, dirt, or debris that may obstruct sunlight and reduce charging efficiency.
- **Check Connections:** Inspect all cable connections for tightness and ensure waterproof seals are intact.
- **Clear Obstructions:** Ensure no foliage, snow, or other objects are blocking the solar panel from direct sunlight or the spotlights from illuminating their intended area.
- **Winter Care:** In snowy conditions, consider using an extension rod (search for B0G8G2WGBC) to elevate the solar panel above snow accumulation to maintain charging capability.



Image: Illustration of a solar panel elevated with an extension rod to prevent snow from covering it, ensuring continued charging in winter.

Troubleshooting

If your solar spotlights are not functioning as expected, try the following:

- **Lights Not Turning On:**
  - Ensure the solar panel is receiving adequate direct sunlight for charging.
  - Verify all cable connections are secure.
  - Check if the operating mode is correctly selected (not in 'Off' position).
- **Lights Are Dim or Short-Lived:**
  - The solar panel may not be receiving enough sunlight to fully charge the battery. Relocate the panel to a sunnier spot.
  - Clean the solar panel surface to remove any dirt or debris.
  - Ensure the selected lighting mode (High, Medium, Low) matches your desired duration. Higher

brightness modes consume more battery power.

Specifications

Feature	Specification
Brand	Solar Light Mart
Model Name	Mini 50X 4SP CW
Light Color	Cool White (6000 Kelvin)
Number of Light Sources	4
Power Source	Solar Powered
Solar Panel	8W Monocrystalline, Aluminum Frame, Tempered Glass
Battery	7800mAh Lithium Ion (included)
Brightness	240 Lumens (Max)
Lighting Modes	High (8-10 hrs), Medium (16-18 hrs), Low (30+ hrs)
Material	Aluminum Alloy (lamp body), Metal (bracket, spike)
Water Resistance Level	IP65 (Water Resistant)
Product Dimensions	1.58"L x 1.58"W x 3.55"H (Spotlight)
Cable Length	32.8 ft (total extended cable)
Control Method	Remote (implied by 'Controller Type: Remote Control' in specs, though not explicitly mentioned in features for mode selection) / Automatic (light sensor)

Warranty and Support

This product comes with a **One Year Warranty** from the manufacturer, Solar Light Mart. For any support inquiries, troubleshooting assistance, or warranty claims, please contact Solar Light Mart directly or the seller, Sunlife Inc, through your purchase platform.

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