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## MR BEAMS S14 Bulb Solar LED String Lights

# Mr. Beams S14 Bulb Solar LED Weatherproof Outdoor String Lights

## INSTRUCTION MANUAL

### Introduction

Thank you for choosing Mr. Beams S14 Bulb Solar LED Weatherproof Outdoor String Lights. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new string lights. Please read these instructions thoroughly before use and retain them for future reference.

### Safety Information

- Ensure all components are securely connected before use.
- Do not attempt to modify or disassemble the solar panel or light bulbs.
- Keep the solar panel and lights away from open flames or extreme heat sources.
- Avoid submerging the solar panel or light string in water. While weatherproof, prolonged submersion can cause damage.
- Handle glass bulbs with care to prevent breakage.
- Mount the solar panel in a location that receives direct sunlight for optimal charging.

### Package Contents

Verify that all items listed below are included in your package:

- 1 x 27-foot cord with 12 sockets
- 1 x Solar panel with ground stake and wall mount accessories
- 12 x 2W S14 LED bulbs
- 1 x User Manual (this document)



Image: Overview of the Mr. Beams S14 Bulb Solar LED String Lights, showing the string of lights and the separate solar panel unit.

## Installation

### 1. Solar Panel Placement

The solar panel must be placed in a location that receives a minimum of 6-8 hours of direct sunlight daily for optimal charging. Avoid shaded areas from trees, buildings, or other obstructions.

- **Ground Stake Installation:** Attach the ground stake to the solar panel unit. Insert the stake firmly into soft ground, ensuring the panel faces the sun.
- **Wall Mount Installation:** Use the provided wall mount accessories to secure the solar panel to a vertical surface. Adjust the angle of the panel to maximize sun exposure.



Image: A close-up of the solar panel unit, demonstrating its adjustable angle and the ground stake attachment for flexible positioning.

## 2. String Light Setup

Once the solar panel is positioned, connect the string light cord to the solar panel. Carefully hang or drape

the 27-foot string lights in your desired outdoor area, such as decks, patios, porches, or gazebos. The cord has 12 sockets with a 1.7-foot spacing between each, covering an 18.11-foot lighted area.

- Ensure the bulbs are securely screwed into their sockets.
- Use appropriate hooks, clips, or ties (not included) to secure the string lights along walls, railings, or other fixtures.
- Avoid excessive tension on the string to prevent damage.



Image: Mr. Beams string lights draped along a wooden deck railing, illustrating a typical installation scenario for outdoor ambiance.

## Operation

The Mr. Beams Solar LED String Lights are designed for automatic operation. After an initial full charge, the lights will automatically turn on at dusk and turn off at dawn, provided the solar panel receives sufficient sunlight during the day.

- **Initial Charge:** Allow the solar panel to charge for at least 24-48 hours in direct sunlight before first use to ensure the internal battery is fully charged.
- **Power Button:** Locate the power button on the back of the solar panel. Ensure it is in the 'ON' position for automatic operation.



Image: The Mr. Beams S14 string lights glowing warmly on a deck at night, demonstrating their operational state and the ambiance they create.

## Maintenance

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### 1. Cleaning

Regular cleaning ensures optimal performance and longevity of your lights.

- **Solar Panel:** Periodically wipe the solar panel surface with a soft, damp cloth to remove dust, dirt, or debris that may obstruct sunlight absorption.
- **Bulbs and Cord:** Gently clean the bulbs and cord with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.

### 2. Bulb Replacement

The string lights use standard S14 LED bulbs. If a bulb needs replacement:

1. Ensure the solar panel is turned off or covered to prevent the lights from activating.
2. Carefully unscrew the faulty S14 bulb from its socket.
3. Screw in a new S14 LED replacement bulb, ensuring it is snug but not overtightened.



Image: A hand holding an S14 LED bulb, positioned next to an empty socket on the string light cord, illustrating the bulb replacement process.

## Troubleshooting

Problem	Possible Cause	Solution
Lights do not turn on at night.	Solar panel not receiving enough sunlight. Battery not charged. Power switch is OFF.	Relocate solar panel to a sunnier spot. Allow 24-48 hours for initial charge. Ensure power switch on solar panel is in the 'ON' position.
Lights are dim or only stay on for a short time.	Insufficient solar charge due to cloudy weather or partial shading. Dirty solar panel.	Ensure solar panel is clean and receives full direct sunlight. Battery may need replacement after extended use (contact support).
Individual bulb not lighting up.	Loose or faulty bulb.	Tighten the bulb in its socket. If still not working, replace the bulb with a new S14 LED bulb.
Lights flicker.	Loose connection or low battery charge.	Check all bulb connections. Ensure solar panel is charging effectively.

## Specifications

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- **Cord Length:** 27 feet
- **Number of Sockets:** 12
- **Bulb Spacing:** 1.7 feet between each bulb
- **Lighted Area:** 18.11 feet
- **Bulb Type:** S14 LED
- **Bulb Wattage:** 0.6 watts per bulb (2W equivalent)
- **Total Lumens:** 1080 lumens (90 lumens per bulb)
- **Power Source:** Solar panel with rechargeable battery
- **Weather Rating:** IP65 (suitable for outdoor use year-round)
- **Batteries Required:** Yes (internal rechargeable battery)
- **Assembly Required:** No (minor setup for solar panel and hanging lights)

## Warranty and Support

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Mr. Beams Solar LED String Lights come with a standard one-year protection against defects. This warranty can be extended to two years with product registration on the official Mr. Beams website. For technical support, warranty claims, or further assistance, please visit the official Mr. Beams website or contact their customer service department.