

T-SUN Solar Spot Lights Outdoor Waterproof

T-SUN LED Solar Spotlights Instruction Manual

Model: Solar Spot Lights Outdoor Waterproof

1. INTRODUCTION

Thank you for choosing T-SUN LED Solar Spotlights. These outdoor landscape lamps are designed to provide efficient and adjustable lighting for your garden, patio, yard, driveway, stairs, or pool area. Featuring solar-powered operation, automatic day/night sensing, and two brightness modes, these spotlights offer a convenient and eco-friendly lighting solution.

Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your product.

2. SAFETY INFORMATION

- Ensure the solar panel is exposed to direct sunlight for maximum charging efficiency.
- Do not attempt to disassemble or modify the product. This may void the warranty and cause damage.
- Keep the product away from fire or extreme heat sources.
- While the product is waterproof (IP65 rated), avoid submerging it in water.
- Handle with care during installation to prevent damage to components.



Image: The T-SUN solar spotlight is designed to be IP65 waterproof, heat resistant, and snow resistant, ensuring durability in various weather conditions.

3. PACKAGE CONTENTS

Verify that all components are present before proceeding with installation:

- 2 x T-SUN LED Solar Spotlight (Purple)
- 2 x Ground Stake
- Mounting Screws and Wall Plugs (for wall installation)
- User Manual



Image: A pair of T-SUN purple LED solar spotlights, showing the main unit with its solar panel and ground stake for installation.

4. SETUP AND INSTALLATION

4.1 Initial Charge

Before first use, ensure the solar spotlights are fully charged. Place the solar panel in direct sunlight for at least 6-8 hours. The light will automatically turn on at dusk once charged.

4.2 Ground Installation

1. Connect the ground stake to the main body of the spotlight.
2. Choose a location with ample direct sunlight for the solar panel.
3. Firmly insert the assembled spotlight into the ground.

4.3 Wall Mounting

1. Detach the ground stake if it is already attached.
2. Select a wall location that receives direct sunlight for the solar panel.

3. Mark the positions for drilling using the spotlight's mounting bracket as a guide.
4. Drill holes, insert wall plugs, and secure the spotlight to the wall using the provided screws.



Image: Illustration demonstrating the two available installation methods: ground mounting with a stake and wall mounting with screws.

4.4 Adjusting Solar Panel and Light Angle

The solar panel can be adjusted 180 degrees to optimize sunlight absorption. The light head can be adjusted 90 degrees to direct illumination to your desired area.

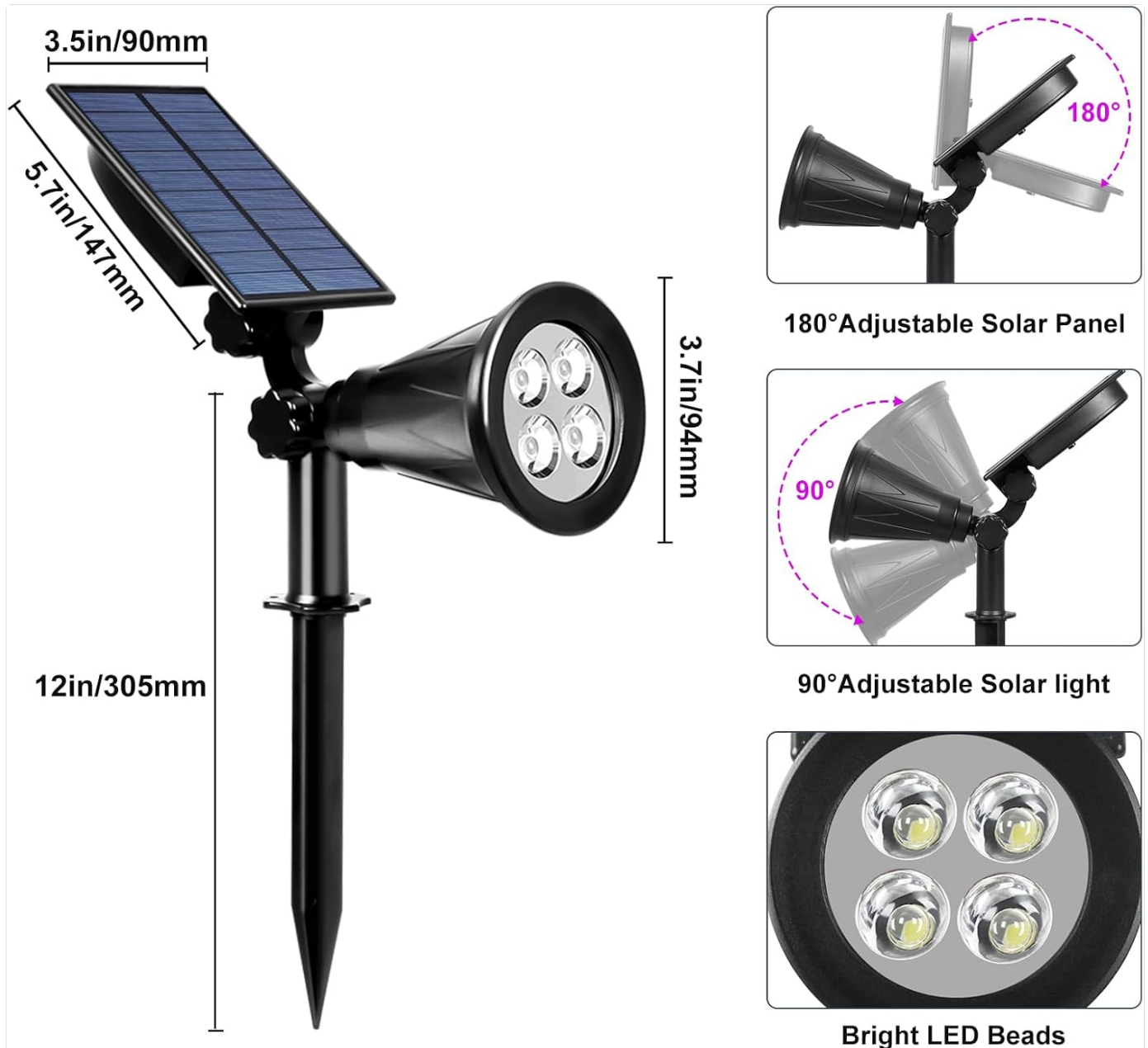


Image: Detailed view of the T-SUN solar spotlight, highlighting the 180-degree adjustable solar panel, 90-degree adjustable light, dimensions, and the bright LED beads.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Mode Selection

Locate the power button on the back of the spotlight. Press the button to cycle through the modes:

- **First Press:** High Light Mode (8-10 hours illumination after full charge)
- **Second Press:** Low Light Mode (10-12 hours illumination after full charge)
- **Third Press:** Off

2 Brightness Modes

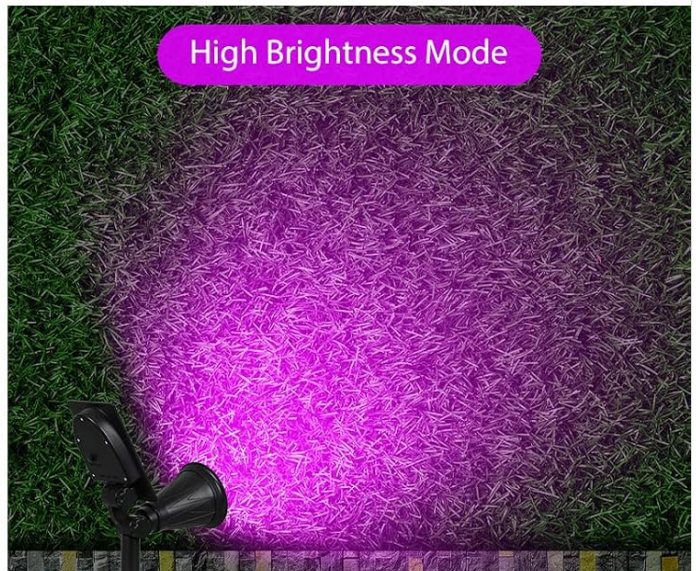
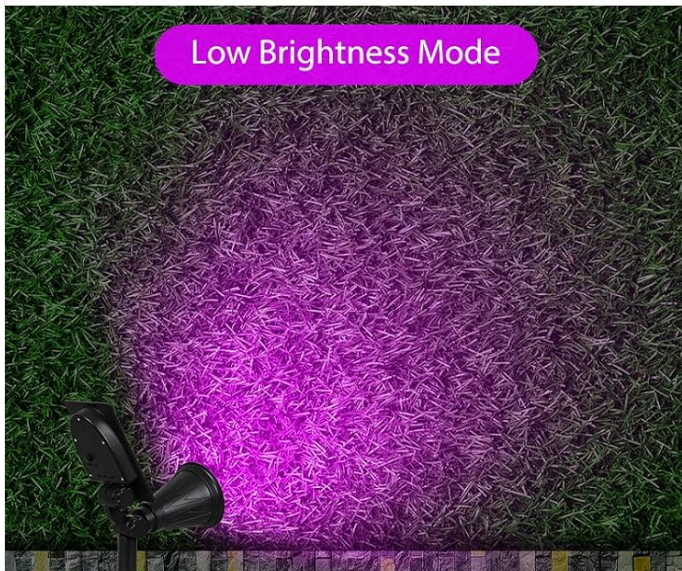


Image: A visual comparison showing the difference between the Low Brightness Mode and High Brightness Mode of the T-SUN solar spotlights in an outdoor setting.

5.2 Automatic Operation

The T-SUN solar spotlights are equipped with a light sensor. Once turned on and charged, they will automatically:

- **Charge during the day:** The solar panel converts sunlight into electricity and stores it in the internal battery.
- **Light up at night:** The lights will automatically activate at dusk and turn off at dawn.

Auto Charge During the Day

Auto Light Up at Night



Image: A split image demonstrating the automatic functionality of the solar spotlights: charging during daylight hours and illuminating automatically at night.

6. MAINTENANCE

6.1 Cleaning the Solar Panel

Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption and charging efficiency.

6.2 Battery Care

The integrated Lithium-Ion battery is designed for long-term use. For optimal battery life, ensure the unit receives consistent direct sunlight. If storing the lights for an extended period, fully charge them first and recharge every few months to prevent deep discharge.

6.3 Seasonal Considerations

In winter or during prolonged cloudy periods, the charging efficiency may decrease, resulting in shorter illumination times.

Ensure the solar panel is free from snow or ice.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	◦ Switch is OFF. ◦ Insufficient sunlight for charging. ◦ Solar panel is dirty. ◦ Light sensor is obstructed or detecting ambient light.	◦ Press the power button to turn ON (High or Low mode). ◦ Relocate the spotlight to an area with direct sunlight for 6-8 hours. ◦ Clean the solar panel. ◦ Ensure no other light sources (streetlights, house lights) are directly shining on the solar panel at night.
Light duration is short.	◦ Insufficient charging time. ◦ Solar panel is dirty. ◦ Weather conditions (cloudy days).	◦ Ensure solar panel receives full direct sunlight for 6-8 hours. ◦ Clean the solar panel. ◦ Adjust expectations during periods of low sunlight.
Light flickers or is dim.	◦ Low battery charge. ◦ Internal wiring issue (rare).	◦ Allow for a full day of charging in direct sunlight. ◦ Contact customer support if the issue persists after charging.

8. SPECIFICATIONS

- **Brand:** T-SUN
- **Model Name:** Solar Spot Lights Outdoor Waterproof
- **Color:** Purple
- **Material:** Plastic
- **Light Source Type:** LED (4 LED Beads)
- **Brightness:** 250 Lumens
- **Power Source:** Solar Powered
- **Battery:** 1 Lithium Ion battery (integrated)
- **Voltage:** 3.7 Volts
- **Wattage:** 2 watts
- **Water Resistance Level:** IP65 Waterproof
- **Adjustability:** 180° adjustable solar panel, 90° adjustable light fixture
- **Installation Type:** In-Ground / Wall Mounted
- **Item Weight:** 1.76 Pounds (for the pack)
- **Package Dimensions:** 11.81 x 11.14 x 6.22 inches

9. WARRANTY AND SUPPORT

T-SUN products are manufactured with quality and durability in mind. For any questions, concerns, or warranty claims, please contact T-SUN customer support through your retailer's platform or the official T-SUN website. Please retain your

proof of purchase for warranty purposes.

For more information, visit the official T-SUN Store:[T-SUN Store on Amazon](#)

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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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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