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# Walfront Solar Step Lights Instruction Manual

## INTRODUCTION

Thank you for choosing Walfront Solar Step Lights. This manual provides essential information for the proper installation, operation, and maintenance of your solar step lights. Please read these instructions carefully before use to ensure optimal performance and longevity of the product. Keep this manual for future reference.

## PRODUCT OVERVIEW

### Features

- **Multi-application:** Ideal for illuminating stairs, decks, gardens, or as accent lighting for lawns and walkways.
- **Long Working Hours:** Energy-saving design with high conversion polysilicon solar panels. Charges in 6-8 hours under direct sunlight and provides 8-10 hours of illumination.
- **Intelligent Lighting Control:** Automatically charges during the day and illuminates automatically in the dark.
- **High-quality Materials:** Constructed from durable stainless steel and ABS materials, ensuring normal operation in rainy conditions without concerns of rust or aging.
- **Waterproof:** IP65 rated for outdoor use.

### Components

The package includes the following items:

- 1 x Walfront Solar Step Light
- 1 x Accessory Bag (containing 2 x screws, 2 x expansion screws)
- 1 x AAA NI-MH battery, 600MAH (built-in)



Image: Top-down view of the Walfront Solar Step Light, showing the solar panel and light diffuser.



Image: Included screws and expansion plugs for mounting the solar step light.

## SPECIFICATIONS

Attribute	Detail
Brand	Walfront
Model Number	d5be7ce9-1d0b-45cb-b3da-f4ca5b88dd1a
Light Color	Warm White
Material	Stainless Steel, ABS
Power Source	Solar Powered
Light Source Type	LED (4 LEDs)
Water Resistance Level	IP65 Waterproof
Battery	1 x AAA NI-MH, 600MAH (built-in)
Product Dimensions	Approximately 9.8 x 8.3 x 2.3 cm (3.9 x 3.3 x 0.9 inches)



Image: Diagram showing the dimensions of the solar step light.

## SETUP

### Unpacking

Carefully remove all components from the packaging. Inspect the light and accessories for any damage. If any parts are missing or damaged, please contact customer support.

### Installation

1. **Choose Location:** Select a location that receives direct sunlight for at least 6-8 hours daily to ensure the solar panel can fully charge the battery. Avoid shaded areas.
2. **Mark Drilling Points:** Hold the solar step light in the desired position and mark the drilling points for the screws.
3. **Drill Holes:** Use an appropriate drill bit to drill holes at the marked points. Insert the expansion screws into the drilled holes.
4. **Mount Light:** Align the light with the expansion screws and secure it firmly using the provided screws. Ensure the light is stable and securely attached.



Image: Example of the solar step light installed on a wooden fence, providing illumination.

## OPERATING INSTRUCTIONS

### Initial Use

Before first use, ensure the solar step light is placed in direct sunlight for a full day (6-8 hours) to allow the built-in battery to charge completely. Locate the waterproof switch, typically on the underside or side of the unit, and ensure it is in the 'ON' position.

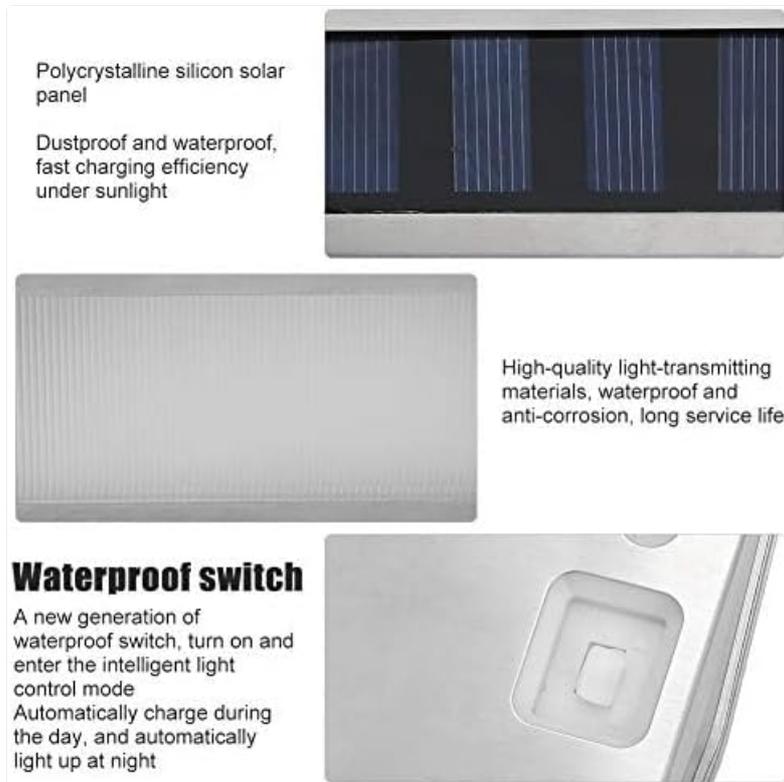


Image: Close-up showing the polysilicon solar panel and the waterproof switch for controlling the light.

### Automatic Lighting Control

The Walfront Solar Step Light features intelligent lighting control. Once the switch is in the 'ON' position:

- During the day, the solar panel will automatically detect sunlight and charge the internal battery. The light will remain off.
- As darkness falls, the light sensor will activate the LEDs, causing the light to illuminate automatically.
- The light will turn off automatically at dawn or when the battery is depleted.



Image: The solar step light emitting a warm white glow in a dark environment.

## MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your solar step lights.

- **Cleaning:** Periodically wipe the solar panel and light diffuser with a soft, damp cloth to remove dust, dirt, or debris. A clean solar panel ensures efficient charging.
- **Inspection:** Regularly check the mounting screws to ensure the light remains securely attached.
- **Environmental Factors:** Ensure no new obstructions (e.g., growing foliage) are shading the solar panel during the day.

## TROUBLESHOOTING

If your solar step light is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
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Light does not turn on at night.	<ol style="list-style-type: none"> <li>1. Insufficient sunlight for charging.</li> <li>2. Switch is in 'OFF' position.</li> <li>3. Solar panel is dirty or obstructed.</li> <li>4. Battery is depleted or faulty.</li> </ol>	<ol style="list-style-type: none"> <li>1. Relocate the light to an area with 6-8 hours of direct sunlight.</li> <li>2. Ensure the waterproof switch is in the 'ON' position.</li> <li>3. Clean the solar panel and remove any obstructions.</li> <li>4. Allow several days of full charge. If problem persists, contact support.</li> </ol>
Light stays on during the day.	<ol style="list-style-type: none"> <li>1. Light sensor is obstructed or covered.</li> <li>2. Light is installed in a very dark area.</li> </ol>	<ol style="list-style-type: none"> <li>1. Ensure the light sensor (part of the solar panel) is clear of obstructions.</li> <li>2. Relocate the light to an area with sufficient ambient light during the day.</li> </ol>
Light is dim or flickers.	<ol style="list-style-type: none"> <li>1. Insufficient battery charge.</li> <li>2. Battery nearing end of life.</li> </ol>	<ol style="list-style-type: none"> <li>1. Ensure the light receives full direct sunlight for charging.</li> <li>2. If the light is old, the battery may need replacement (contact support for guidance).</li> </ol>

## WARRANTY AND SUPPORT

Walfront products are designed for durability and performance. For specific warranty details, please refer to the product packaging or contact Walfront customer support directly. If you encounter any issues not covered in this manual or require further assistance, please reach out to our customer service team through the retailer or the official Walfront website.

**Contact Information:** Please refer to your purchase documentation or the Walfront official website for the most current customer support contact details.