

pearlstar HSS032

pearlstar HSS032 Solar Pathway Lights User Manual

Model: HSS032

INTRODUCTION

Thank you for choosing pearlstar Solar Pathway Lights. These lights are designed to provide decorative illumination for your outdoor spaces, including gardens, patios, pathways, and driveways. Featuring both white and color-changing LED modes, they are solar-powered, waterproof, and operate automatically from dusk till dawn.

SAFETY INFORMATION

- Ensure the solar panel is exposed to direct sunlight for optimal charging.
- Do not attempt to disassemble or modify the product, as this may void the warranty and cause damage.
- Keep the product away from open flames or extreme heat sources.
- While waterproof, avoid submerging the lights in water.
- Handle with care during installation to prevent damage to the plastic components.

PACKAGE CONTENTS

- 6 x pearlstar Solar Pathway Lights (Model HSS032)
- 4 x AAA NiMH rechargeable batteries (pre-installed)

PRODUCT FEATURES

- **Dual Lighting Modes:** Features 2 white LEDs and 2 RGB LEDs, offering both steady white light and dynamic color-changing effects.
- **Automatic Operation:** Equipped with a 45-degree internal solar panel and rechargeable NiMH battery. Lights automatically turn on at dusk and off at dawn.
- **Long Working Time:** Provides 8-10 hours of illumination after 6-8 hours of direct sunlight charging.

- **Durable & Waterproof:** Constructed with plastic and stainless steel, rated IP44 waterproof for reliable performance in various weather conditions.
- **Easy Installation:** No wiring required, simple assembly and placement.
- **Decorative Purpose:** Designed for aesthetic enhancement of outdoor spaces. *Note: These lights are for decoration and not intended for primary illumination.*

SETUP AND INSTALLATION

Follow these steps to set up your pearlstar Solar Pathway Lights:

1. **Unpack Components:** Carefully remove all lights and components from the packaging.
2. **Activate the Light:**
 - Twist off the light cap (the top part with the solar panel).
 - Locate the power button inside the cap. Turn the switch to the "ON" position.
 - Reattach the light cap securely.



Image: Step-by-step visual guide for activating the light and assembling the components.

3. **Assemble the Light:** Connect the pipe sections to form the desired height. Attach the assembled light cap to the top of the pipe.

Up and down double bulb

Appear different color together

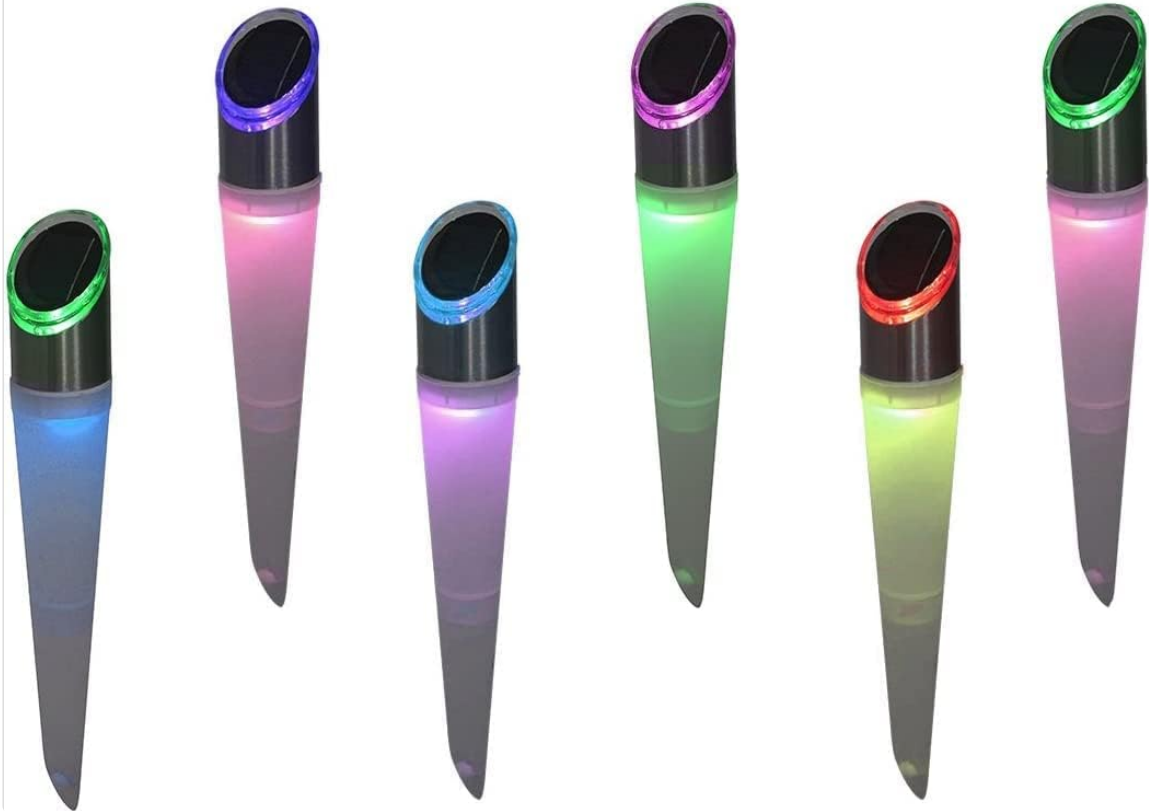


Image: Illustration of the light's internal structure with double bulbs, capable of displaying various colors.

- 4. Choose Location:** Select an outdoor location where the solar panel will receive 6-8 hours of direct sunlight daily. Avoid areas under trees or shadows, as this will reduce charging efficiency.
- 5. Install in Ground:** Gently push the assembled light into the ground. For hard soil, it is recommended to make a pilot hole first to prevent damage to the light's stake.



Image: Six solar pathway lights installed along a garden path, glowing brightly at night.

OPERATING INSTRUCTIONS

Once installed and activated, your pearlstar Solar Pathway Lights will operate automatically:

- **Automatic On/Off:** The lights will automatically turn on at dusk and turn off at dawn, conserving energy.



Image: Illustration of the solar lights charging during the day and automatically illuminating at night.

- **Charging:** During the day, the solar panel absorbs sunlight to charge the internal NiMH battery. Ensure the solar panel is clean and unobstructed for efficient charging.
- **Changing Lighting Modes:** The lights offer two modes: white light and color-changing RGB. To switch between modes, locate the control button (often integrated with the power switch or a separate button inside the cap) and press it to cycle through the available modes.



Image: Lights displaying the steady white light mode.



Image: Lights displaying the color-changing RGB mode.



Image: A split image demonstrating the white light mode and the RGB color-changing mode of the solar lights.

MAINTENANCE

- **Cleaning:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures optimal charging efficiency.
- **Battery Replacement:** The lights use 4 AAA NiMH rechargeable batteries. If the lights become dim or stop working after prolonged use, the batteries may need replacement. Use only NiMH rechargeable batteries of the same type and capacity.
- **Winter Care:** In regions with heavy snow or prolonged periods of low sunlight, consider storing the lights indoors to prolong their lifespan.
- **Waterproof Integrity:** Periodically check that all connections are secure to maintain the IP44 waterproof rating.



Image: Three solar lights demonstrating their waterproof design under simulated rain.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	<ul style="list-style-type: none"> ◦ Switch is OFF. ◦ Insufficient sunlight exposure. ◦ Solar panel is dirty. ◦ Battery is depleted or faulty. 	<ul style="list-style-type: none"> ◦ Ensure the switch is in the "ON" position. ◦ Relocate the light to an area with direct sunlight for 6-8 hours. ◦ Clean the solar panel. ◦ Replace the NiMH rechargeable batteries.
Light is dim or only stays on for a short time.	<ul style="list-style-type: none"> ◦ Insufficient charging. ◦ Old or weak battery. 	<ul style="list-style-type: none"> ◦ Ensure the solar panel receives full, direct sunlight. ◦ Replace the NiMH rechargeable batteries.
Light flickers.	<ul style="list-style-type: none"> ◦ Loose battery connection. ◦ Battery nearing end of life. 	<ul style="list-style-type: none"> ◦ Check and secure battery connections. ◦ Replace the NiMH rechargeable batteries.

SPECIFICATIONS

Brand	pearlstar
Model Number	HSS032
Material	Plastic, Stainless Steel
Product Dimensions	2.36"L x 2.36"W x 14.17"H
Power Source	Solar Powered
Light Source Type	LED (2 White, 2 RGB)
Voltage	1.2 Volts
Brightness	30 Lumens
Special Feature	Color Changing
Water Resistance Level	IP44 Waterproof
Batteries	4 AAA NiMH rechargeable batteries (included)
Number of Items	6 (per pack)

WARRANTY AND SUPPORT

This pearlstar product comes with a **1-year warranty** from the date of purchase. If you encounter any issues or have questions regarding your solar pathway lights, please contact pearlstar customer support for assistance. Please refer to your purchase documentation for specific contact details.