HOFTRONIC 5423031

HOFTRONIC Bend Solar Garden Spotlight IP65 - User Manual

Model: 5423031 | Brand: HOFTRONIC

1. Introduction

This manual provides essential information for the safe and efficient use of your HOFTRONIC Bend Solar Garden Spotlight. Please read these instructions carefully before installation and operation, and retain them for future reference.

The HOFTRONIC Bend Solar Garden Spotlight is a versatile outdoor lighting solution designed for various applications, including ground and wall illumination. It features an adjustable solar panel and spotlight head, multiple lighting modes, and a durable IP65 waterproof design.



Image 1: HOFTRONIC Bend Solar Garden Spotlight with solar panel and ground spike.

2. Safety Instructions

- Ensure the product is installed in a location that receives direct sunlight for optimal charging.
- Do not attempt to disassemble or modify the product. This may void the warranty and pose safety risks.
- Keep the solar panel clean from dirt, snow, or debris to ensure efficient charging.
- This product is designed for outdoor use and is IP65 rated for water and dust resistance. However, avoid submerging it in water.

- Handle the ground spike and mounting screws with care during installation.

3. Package Contents

Verify that all components are present in the package:

- 1x HOFTRONIC Bend Solar Garden Spotlight
- 1x Ground Spike
- 3x Mounting Screws
- 3x Wall Plugs



Image 2: Package contents including the spotlight, screws, and wall plugs.

4. Setup and Installation

The HOFTRONIC Bend Solar Garden Spotlight offers flexible installation options:

4.1. Ground Installation (with Ground Spike)

1. Attach the ground spike to the main body of the spotlight.
2. Select a location in your garden that receives ample direct sunlight throughout the day.
3. Gently push the ground spike into the soil until the spotlight is securely positioned. Avoid excessive force to prevent damage.

4.2. Wall or Pedestal Installation (with Screws and Wall Plugs)

1. Choose a suitable surface (wall, facade, pergola, or pedestal) for mounting.
2. Mark the positions for the mounting screws.
3. Drill pilot holes if necessary and insert the wall plugs.
4. Secure the spotlight to the surface using the provided screws.



Image 3: Illustration of ground spike, wall mount, and pedestal mount installation methods.

4.3. Adjusting the Solar Panel and Spotlight

The solar panel and spotlight head are independently adjustable:

- **Solar Panel:** Can be adjusted up to 180 degrees to optimize exposure to direct sunlight for efficient charging.
- **Spotlight Head:** Can be pivoted up to 90 degrees to direct the light precisely where needed.



Image 4: Adjustable solar panel (180°) and spotlight head (90°).

5. Operating Instructions

The HOFTRONIC Bend Solar Garden Spotlight operates automatically, charging during the day and illuminating at night. It features multiple lighting modes:

5.1. Charging

The integrated monocrystalline solar panel converts sunlight into electrical energy, which is stored in the internal lithium-ion battery (4500mAh). A full charge typically takes 4 to 6 hours of direct sunlight.



Image 5: Monocrystalline solar panel for efficient charging.

5.2. Lighting Modes

The spotlight offers two distinct lighting modes and an off state, controlled by a touch method (likely a button on the unit):

- **Mode 1 (High Brightness):** Provides 200 lumens of light. Ideal for illuminating larger objects or areas. Offers approximately 6 hours of illumination on a full charge.
- **Mode 2 (Ambient Lighting):** Provides 100 lumens of light. Suitable for creating an ambient atmosphere or illuminating smaller features like hedges or shrubs. Offers approximately 9 to 12 hours of illumination on a full charge.
- **Off:** The spotlight will not illuminate.

To switch between modes, press the control button (refer to the product for exact button location, typically on the back or side of the spotlight head).

6. Maintenance

- **Cleaning:** Regularly wipe the solar panel and LED lens with a soft, damp cloth to remove dust, dirt, or debris. A clean solar panel ensures maximum charging efficiency.
- **Seasonal Care:** During winter months or periods of reduced sunlight, ensure the solar panel is free of snow or ice. While designed for winter performance, prolonged periods of low light may reduce illumination duration.
- **Battery:** The lithium-ion battery is integrated. Do not attempt to replace it.

7. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar panel charging.	Ensure the solar panel is in a location receiving direct sunlight for 4-6 hours daily. Clean the solar panel.
Light duration is shorter than expected.	Partial charging, low ambient temperature, or selected high brightness mode.	Relocate the solar panel for better sun exposure. Switch to Mode 2 (100 lumens) for longer duration.
Light is dim.	Solar panel is dirty or partially obstructed.	Clean the solar panel surface. Ensure no shadows fall on the panel during charging hours.
Spotlight or panel cannot be adjusted.	Adjustment knobs are too tight.	Loosen the adjustment knobs slightly, position, then re-tighten.

8. Specifications

Feature	Specification
Brand	HOFTRONIC
Model Number	5423031
Dimensions (L x W x H)	29.5 x 9.5 x 34 cm
Weight	5 Kilograms
Material	Alloy Steel, Plastic
Light Source Type	LED
Color Temperature	6000K (Natural White)

Feature	Specification
Luminous Flux (Mode 1)	200 lumens
Luminous Flux (Mode 2)	100 lumens
Battery Capacity	4500mAh Lithium-ion
Charging Time	4-6 hours (direct sunlight)
Illumination Time (Mode 1)	Up to 6 hours
Illumination Time (Mode 2)	Up to 12 hours
Waterproof Rating	IP65
Solar Panel Type	Monocrystalline
Control Method	Tactile (Button)



Image 6: Product dimensions.



Image 7: IP65 water and dust resistance for outdoor use.

9. Warranty Information

All HOFTRONIC products are certified RoHS and CE, ensuring compliance with European safety and environmental standards. HOFTRONIC provides a quality guarantee for its products. For specific warranty periods and conditions, please refer to your purchase documentation or contact HOFTRONIC customer support.

10. Support

For any questions, technical assistance, or warranty claims, please contact HOFTRONIC customer service. Contact details can typically be found on the product packaging or the official HOFTRONIC website.

We recommend having your model number (5423031) and purchase date available when contacting support.

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