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Lumisky SPIKY W34

Lumisky SPIKY W34 Solar Spotlight User Manual

Model: SPIKY W34

1. Introduction

Thank you for choosing the Lumisky SPIKY W34 Solar Spotlight. This 2-in-1 outdoor LED spotlight is designed to provide efficient and versatile lighting for your garden, pathways, terraces, and other outdoor spaces. Featuring a powerful solar panel, high-capacity Li-ion battery, and two lighting modes, it offers autonomous illumination from dusk till dawn. This manual provides essential information for safe installation, operation, and maintenance of your solar spotlight.

2. Package Contents

Please check the box for the following items:

- 1 x Lumisky SPIKY W34 Solar Spotlight (with integrated battery)
- 1 x Ground Stake
- Screws and Wall Anchors
- 1 x User Manual

3. Safety Instructions

- Read all instructions carefully before installation and use.
- Keep the product away from open flames and extreme heat sources.
- Do not attempt to disassemble or modify the product, as this may void the warranty and cause damage.
- Ensure the solar panel is clean and free from obstructions for optimal charging.
- When installing the ground stake, avoid areas with underground cables or pipes.
- This product is designed for outdoor use and is waterproof (IP44 rated). However, avoid submerging it in water.
- Dispose of batteries according to local regulations.

4. Installation

The Lumisky SPIKY W34 offers two installation options: ground staking or wall mounting.

4.1 Choosing a Location

Select a location where the solar panel can receive direct sunlight for at least 6-8 hours daily. Avoid shaded areas from trees, buildings, or other obstructions, as this will affect charging efficiency and operating time.

4.2 Ground Stake Installation

1. Attach the ground stake to the main body of the spotlight.
2. Gently push the assembled spotlight into soft ground (soil, grass, sand). Do not use excessive force or a hammer directly on the spotlight to avoid damage. If the ground is too hard, loosen it first.
3. Adjust the angle of the solar panel to face the sun for optimal charging.
4. Adjust the angle of the light head to illuminate your desired area.

4.3 Wall Mount Installation

1. Detach the ground stake if it is already attached.
2. Position the spotlight on the desired wall or wooden surface. Mark the drilling points for the mounting bracket.
3. Drill holes at the marked positions. Insert wall anchors if necessary (for masonry walls).
4. Secure the spotlight's mounting bracket to the wall using the provided screws.
5. Adjust the angle of the solar panel to face the sun for optimal charging.
6. Adjust the angle of the light head to illuminate your desired area.



Image: The Lumisky SPIKY W34 Solar Spotlight demonstrating both ground stake and wall mount installation methods, along with examples of its use in a garden and on a building exterior.

5. Operation

5.1 Initial Charge

Before first use, ensure the solar spotlight receives at least 6-8 hours of direct sunlight to fully charge the internal battery. The spotlight will not operate optimally if the battery is not sufficiently charged.

5.2 Powering On and Mode Selection

The spotlight features an integrated sensor and a manual button, typically located on the back or underside of the solar panel unit. Press the button to cycle through the lighting modes:

- **Mode 1 (Low Light)**: Provides a softer illumination.
- **Mode 2 (High Light)**: Provides maximum brightness (200 Lumens).
- **Off**: Turns the spotlight off.

Once a mode is selected, the spotlight will automatically turn on at dusk and turn off at dawn, provided there is sufficient battery charge.



Image: The Lumisky SPIKY W34 Solar Spotlight in operation, casting a bright cool white light across a lawn.

6. 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. The spotlight can be cleaned with warm water and mild soap.
- **Battery Replacement**: The integrated lithium battery has a long lifespan (50,000 hours for LEDs). After several years of operation, if the battery performance significantly decreases, it can be replaced. Refer to the manufacturer's guidelines or contact support for battery replacement procedures.
- **Winter Care**: While the product is designed to withstand extreme temperatures (-20°C to +60°C), prolonged exposure to harsh winter conditions (heavy snow, ice, freezing rain) may affect its plastic components. Consider storing the spotlight indoors during severe winter weather to extend its lifespan.

7. Troubleshooting

Problem	Possible Cause	Solution
Spotlight does not turn on at night.	Insufficient solar charge.	Ensure the solar panel receives 6-8 hours of direct sunlight daily. Clean the solar panel.
Spotlight turns on but is dim or has short operating time.	Battery not fully charged or aging battery.	Relocate the spotlight to a sunnier spot. Allow for a full day's charge. If the issue persists after several years, consider battery replacement.
Spotlight does not turn off during the day.	Twilight sensor is obstructed or faulty.	Ensure no light source (e.g., street light) is directly shining on the solar panel at night. Clean the sensor area.

8. Specifications

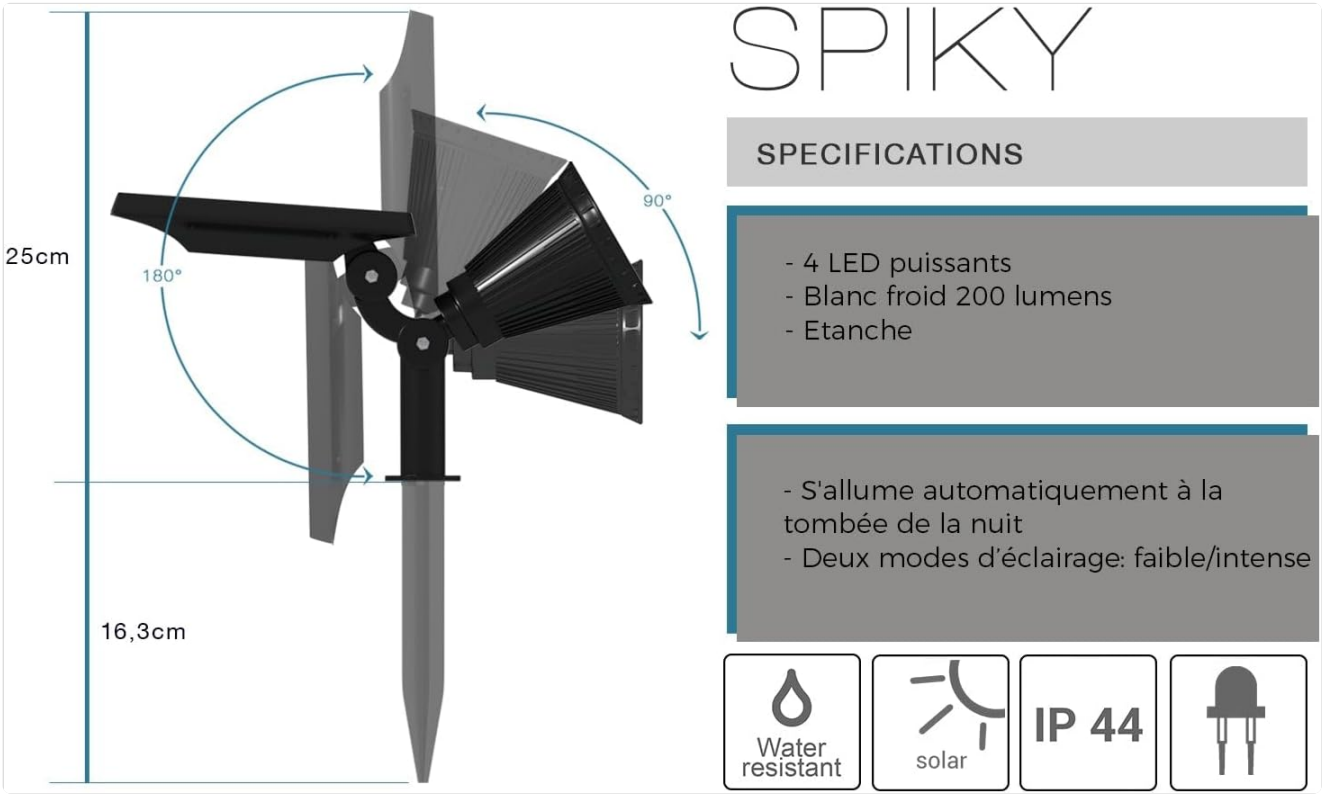


Image: Technical diagram illustrating the dimensions and features of the SPIKY W34 Solar Spotlight.

Feature	Detail
Model	SPIKY W34
Brand	Lumisky
Light Source	4 x LED
Luminous Flux	200 Lumens (Max)
Light Color	Cool White (6500 Kelvin)
Wattage	1.5 Watts

Feature	Detail
Power Source	Solar Powered
Battery	Integrated Li-ion
Charging Time	4-5 hours (optimal sunlight)
Operating Time	8-12 hours (on full charge)
Material	Plastic
Color	Black
Waterproof Rating	IP44 (Splash-proof)
Dimensions (L x W x H)	29 x 9.5 x 34 cm
Operating Temperature	-20°C to +60°C
Energy Label	A (View EU EPREL Database)

9. Warranty and Support

The Lumisky SPIKY W34 Solar Spotlight comes with a limited warranty. For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact your retailer.

For technical support, troubleshooting assistance, or inquiries regarding parts and service, please contact the retailer where you purchased the product or the manufacturer, BATIMEX.

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