Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

LEDKIA LIGHTING 113246_232916

LEDKIA LIGHTING Solar LED Bollard Light 4W 50cm with Motion Sensor

Model: 113246_232916

1. Introduction

Thank you for choosing the LEDKIA LIGHTING Solar LED Bollard Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new outdoor lighting fixture. Please read these instructions carefully before use and retain them for future reference.



Image 1.1: The LEDKIA LIGHTING Solar LED Bollard Light providing illumination in a garden setting.

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 and free from obstructions (e.g., leaves, snow) to ensure efficient charging.
- Avoid using chemical cleaners on the product. Use a soft, damp cloth for cleaning.
- This product is designed for outdoor use with an IP44 rating, protecting against solid objects larger than 1mm and splashing water. Do not submerge in water.
- Handle with care during installation to prevent damage to the light or injury.

3. Package Contents

Please check the package to ensure all components are present:

- 1 x LEDKIA LIGHTING Solar LED Bollard Light
- 1 x Ground Spike (for optional installation)
- Mounting Screws/Anchors (if applicable for surface mounting)
- Instruction Manual (this document)

4. Product Features

- **Solar Powered:** Utilizes solar energy for charging, providing an ecological and cable-free lighting solution.
- **Motion Sensor:** Integrated motion detector automatically activates the light upon detecting activity, enhancing security and convenience.
- **Durable Construction:** Primarily constructed from high-quality aluminum for maximum reliability and durability in outdoor environments.
- **Efficient Illumination:** Equipped with a 4W LED, delivering a 285lm beam for constant and instant quality lighting with low power consumption.
- **Weather Resistant:** Designed with an IP44 rating, ensuring resistance to splashing water and outdoor elements.
- **Compact Design:** Measures 500 mm x 135 mm x 190 mm, making it suitable for various outdoor applications without being obtrusive.



Image 4.1: Detail of the integrated solar panel and motion sensor.

5. Setup and Installation

The LEDKIA LIGHTING Solar LED Bollard Light offers simple installation without the need for complex wiring. Choose a location that receives ample direct sunlight throughout the day for optimal battery charging.

5.1 Site Selection

- Select an outdoor area where the solar panel can receive at least 6-8 hours of direct sunlight daily.
- Avoid locations under trees, eaves, or other structures that may shade the solar panel.

5.2 Installation Methods

There are typically two main installation methods:

1. **Ground Spike Installation:**
    - Attach the provided ground spike to the base of the bollard light.

- Carefully push the bollard light with the attached spike into soft ground. Ensure it is stable and upright.



Image 5.1: The ground spike for easy installation into soft ground.

2. **Surface Mounting (if applicable):**
    - If mounting on a hard surface (e.g., concrete patio), use the base plate and appropriate screws/anchors (not always included, check package).
    - Mark the drilling points, drill holes, insert anchors, and secure the bollard light using screws.

After installation, allow the solar light to charge for at least 8-10 hours in direct sunlight before its first use to ensure the battery is fully charged.

6. Operating Instructions

The LEDKIA LIGHTING Solar LED Bollard Light is designed for automatic operation.

1. **Initial Activation:** Most solar lights have an ON/OFF switch, often located near the solar panel or at the base. Ensure this switch is in the "ON" position for the light to function.

2. **Daytime Charging:** During the day, the solar panel converts sunlight into electricity, which is stored in the internal battery. The light will remain off during this period.
3. **Automatic Illumination:** At dusk, the light's sensor will detect low ambient light and activate the motion sensor.
4. **Motion Detection:** When motion is detected within its range, the light will illuminate at full brightness. After a period of no motion, it will either dim or turn off, depending on the specific model's programming.

The performance of the light (brightness and duration) is directly dependent on the amount of sunlight received during the day. Cloudy weather or shaded installation locations will reduce charging efficiency and operating time.

7. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your solar bollard light.

- **Clean Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption.
- **Clean Light Fixture:** Clean the aluminum body and light diffuser with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or internal components.
- **Check for Obstructions:** Ensure no new foliage or structures are shading the solar panel.
- **Battery Replacement:** The internal battery has a limited lifespan. If the light's performance significantly degrades over time, the battery may need replacement. Consult a qualified technician or contact customer support for guidance on battery replacement.

8. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on at night.	ON/OFF switch is in the "OFF" position. Insufficient sunlight for charging. Solar panel is dirty or obstructed. Battery is depleted or faulty.	Ensure the switch is "ON". Relocate the light to a sunnier spot. Clean the solar panel. Allow several days of full charge. If problem persists, battery may need replacement.
Light stays on during the day.	Light sensor is obstructed or faulty. Installed in a very dark area.	Check for obstructions over the light sensor. Relocate to an area with more ambient light during the day.
Light is dim or only stays on for a short time.	Insufficient charging due to cloudy weather or shade. Battery capacity has degraded.	Ensure optimal sun exposure. Consider battery replacement if performance does not improve after several sunny days.
Motion sensor not detecting.	Sensor is dirty or obstructed. Object is outside detection range.	Clean the sensor lens. Test within the specified detection range.

9. Specifications

Feature	Detail
Brand	LEDKIA LIGHTING
Model Reference	113246_232916
Product Dimensions (L x W x H)	19 x 13.5 x 50 cm
Item Weight	1.19 Kilograms
Material	Aluminum
Color	Black
Power Source	Solar powered
Bulb Type	LED
Power	4 Watts
Luminous Flux	285 lm
Color Temperature	300 Kelvin
Average Lifespan	40000 Hours
IP Rating	IP44
Batteries Included	Yes
Batteries Required	Yes

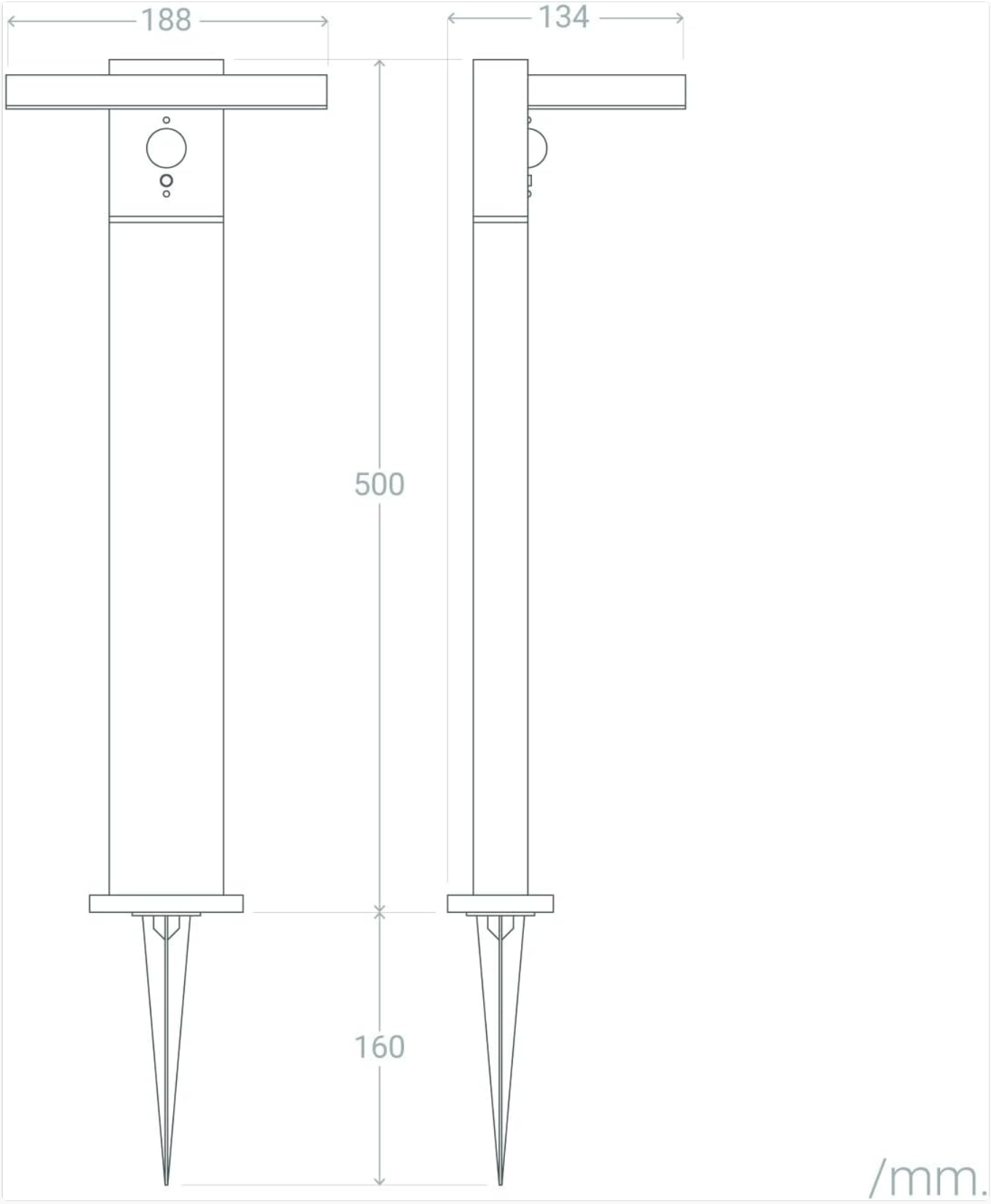


Image 9.1: Technical dimensions of the bollard light (measurements in mm).

10. Warranty and Support

LEDKIA LIGHTING products are designed for durability and performance. While specific warranty details are not provided in this manual, please retain your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance beyond this manual, or inquiries regarding replacement parts, please contact your retailer or visit the official LEDKIA LIGHTING website. Information regarding spare parts availability is not provided.

For more information, you may visit theLEDKIA LIGHTING Brand Store.

© 2024 LEDKIA LIGHTING. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B0D7BLP6HY

More documents and user manuals: **https://manuals.plus/**