

OSRAM 4058075126046

OSRAM Solar LED Outdoor Light with Motion Sensor, Cool White - User Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your OSRAM Solar LED Outdoor Light. This product is designed for outdoor applications, featuring an integrated solar panel for battery charging and a motion sensor for efficient illumination. Please read this manual thoroughly before using the product to ensure safe and optimal performance.

2. SAFETY INFORMATION

- Ensure the product is installed in a location that receives adequate direct sunlight for optimal charging.
- Do not attempt to open or modify the product. This may void the warranty and pose safety risks.
- Keep the solar panel clean to ensure efficient charging.
- This product is rated IP44 for outdoor use, meaning it is protected against solid objects larger than 1mm and splashing water from any direction. Do not submerge the product in water.
- Dispose of batteries according to local regulations.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1x OSRAM Solar LED Outdoor Light
- Mounting hardware (screws, wall plugs)
- User Manual



Image 3.1: Product packaging showing the OSRAM Solar LED Outdoor Light.

4. PRODUCT OVERVIEW

The OSRAM Solar LED Outdoor Light is a self-sufficient lighting solution for various outdoor areas. It features a robust design, an integrated solar panel, and a motion sensor for automatic operation.

- Integrated day/night motion sensor with a 4-meter range.
- IP44 protection class for outdoor use.
- Integrated solar panel for battery recharging.
- Up to 20 hours of autonomy with a charging duration of up to 7 hours.
- Provides 20% light during darkness (Always On mode) and 100% light for 30 seconds upon motion detection.



Image 4.1: Front view of the OSRAM Solar LED Outdoor Light, highlighting the LED array and motion sensor.



Image 4.2: Angled view of the OSRAM Solar LED Outdoor Light, showing its compact design.

5. SETUP

Follow these steps to install your OSRAM Solar LED Outdoor Light:

1. **Choose a Location:** Select an outdoor location that receives direct sunlight for at least 6-8 hours daily to ensure optimal battery charging. The light should be positioned where its motion sensor can effectively cover the desired area.
2. **Mark Drilling Points:** Hold the light against the wall at the desired mounting height. Use a pencil to mark the positions for the mounting screws.
3. **Drill Holes:** Drill holes at the marked points using an appropriate drill bit for your wall material. Insert the provided wall plugs into the drilled holes.
4. **Mount the Light:** Align the light with the drilled holes and secure it using the provided screws. Ensure the light is firmly attached to the wall.
5. **Initial Charge:** Allow the light to charge for at least 24-48 hours in direct sunlight before its first use to ensure the battery is fully charged.



Image 5.1: The OSRAM Solar LED Outdoor Light mounted on an exterior wall.



Image 5.2: The OSRAM Solar LED Outdoor Light providing illumination for an outdoor entrance area.

6. OPERATING INSTRUCTIONS

The OSRAM Solar LED Outdoor Light operates automatically based on ambient light conditions and motion detection.

- **Automatic Operation:** During daylight hours, the light will remain off while the solar panel charges the internal battery.
- **Dim Mode (Always On):** As darkness falls, the light will automatically switch to a dim mode, providing 20% illumination.

- **Motion Detection:** When motion is detected within the sensor's 4-meter range, the light will instantly switch to 100% brightness for approximately 30 seconds. After 30 seconds of no further motion, it will revert to the 20% dim mode.
- **Mode Button:** The light may feature a 'MODE' button (refer to product image 4.1). Pressing this button typically cycles through different operating modes, such as 'Always On + Motion Sensor', 'Motion Sensor Only', or 'Off'. Consult the specific product labeling for exact mode functionalities if present.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your solar LED light.

- **Cleaning the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption and efficient battery charging.
- **Cleaning the Light Fixture:** Clean the light fixture with a soft, dry or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Battery:** The product includes a Lithium-polymer battery. While designed for long life, if the light's performance significantly degrades over time (e.g., shorter illumination duration), the battery may need replacement. Contact customer support for guidance on battery replacement if necessary.

8. TROUBLESHOOTING

If you encounter issues with your OSRAM Solar LED Outdoor Light, refer to the following troubleshooting guide:

- **Light does not turn on at night:**
 - Ensure the light is installed in a location that receives sufficient direct sunlight for charging.
 - Check if the solar panel is clean and free from obstructions.
 - Allow for an initial charge of 24-48 hours in direct sunlight.
 - Verify that the 'MODE' button (if present) is set to an active lighting mode.
- **Light is dim or only stays on for a short period:**
 - The battery may not be fully charged. Ensure adequate sunlight exposure.
 - The solar panel might be dirty. Clean it thoroughly.
 - In winter or cloudy conditions, charging efficiency may be reduced, leading to shorter operating times.
- **Motion sensor is not working:**
 - Ensure there are no obstructions blocking the sensor's field of view.
 - Verify that the light is in a mode that utilizes the motion sensor.
 - Test the sensor by moving within its range after dark.

9. SPECIFICATIONS


Feature	Specification
Brand	OSRAM

Feature	Specification
Model Number	4058075126046
Dimensions (L x W x H)	19.2 x 11 x 3 cm
Weight	255 g
Material	Acrylonitrile Butadiene Styrene (ABS)
Color	White
Power Source	Battery Powered (Solar Charged)
Battery Type	1 Lithium-polymer (included)
Max Wattage	3 Watts
Luminous Flux	200 Lumen
Color Temperature	4000 Kelvin (Cool White)
Color Rendering Index (CRI)	80
Average Lifespan	30,000 Hours
Ingress Protection (IP) Rating	IP44
Special Features	Motion Sensor, Solar Panel
Installation Type	Wall Mount

10. WARRANTY AND SUPPORT

OSRAM products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official OSRAM website. For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact OSRAM customer service through their official channels.

Related Documents - 4058075126046

	<p>OSRAM DALI MCU TW G2: DALI Controller for Tunable White Lighting</p> <p>Comprehensive guide to the OSRAM DALI MCU TW G2, a DALI-2 application controller for manual dimming and tunable white color temperature adjustment in lighting systems. Includes technical specifications, installation, operation, and safety instructions.</p>
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[OSRAM COOL BLUE H4 64193CB-01B Automotive Halogen Bulb - 130 Autogoods](#)

Find detailed specifications and features for the OSRAM COOL BLUE H4 64193CB-01B automotive halogen bulb. Available at 130 Internet Store of Autogoods, offering a wide range of car accessories and lighting.



[OSRAM LEDinspect Headtorch 250 \(LEDIL404\) - Rechargeable LED Work Light](#)

Detailed information on the OSRAM LEDinspect Headtorch 250 (LEDIL404), a rechargeable LED work light with motion sensor, 250 lumens, 60° flexibility, and a 2-year warranty. Includes charging conditions, operating modes, and safety guidelines for non-commercial use.



[OSRAM DECOR NODY PENDANT 50W TW DIM RC WT Installation Guide](#)

Comprehensive installation and operation guide for the OSRAM DECOR NODY PENDANT, a 50W tunable white dimmable LED pendant light. Includes technical specifications, assembly steps, and remote control usage.



[NOXLITE® LED HP FLOODLIGHT II: Installation Guide and Specifications](#)

Detailed installation guide and specifications for the OSRAM NOXLITE® LED HP FLOODLIGHT II, available in 23W and 40W models. Includes setup instructions, sensor adjustments, and product dimensions.



[e:cue SYMPHOLIGHT 3.0 User Manual](#)

Comprehensive user manual for e:cue SYMPHOLIGHT 3.0, detailing installation, features, automation, and advanced functionalities for digital lighting control.