

## Osram Endura Outdoor 10W

# Osram Endura Outdoor 10W LED Solar Projector User Manual

Model: Endura Outdoor 10W

## 1. INTRODUCTION

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The Osram Endura Outdoor 10W LED Solar Projector is an eco-friendly outdoor lighting solution powered by solar energy. It features a separate solar panel connected by a 5-meter cable, allowing for flexible installation. Equipped with an infrared motion detector and a daylight sensor, the projector automatically illuminates when needed. A remote control is included for advanced settings and convenient operation.

This LED solar projector is energy-efficient and designed for versatile outdoor applications, including garages, building facades, and garden sheds. Its independent power supply makes it ideal for locations without direct electrical access.



*The Osram Endura Outdoor 10W LED Solar Projector, featuring a main light unit and a separate solar panel connected by a cable.*

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or using this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

### Battery Warning:

- Keep batteries out of reach of children. Ingestion can lead to chemical burns, perforation of soft tissues, and death. Severe burns can occur within 2 hours of ingestion. Seek immediate medical attention.
- If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children.
- If you suspect batteries may have been swallowed or placed inside any part of the body, seek immediate medical attention.

### General Safety Precautions:

- Avoid exceeding a maximum ambient temperature of +35 °C.

- Do not replace the battery with an incorrect type, as this may neutralize safety features (e.g., certain types of lithium batteries).
- Operating altitude should not exceed 2000 m.
- Do not dispose of batteries in fire or a hot oven, or crush or cut batteries mechanically, as this may result in an explosion.

### 3. PACKAGE CONTENTS

Ensure all items are present and in good condition before installation.

- 1x LED Solar Projector Unit
- 1x Separate Solar Panel
- 1x 5-meter Connection Cable
- 1x Remote Control
- Mounting Accessories (screws, wall plugs, brackets)



*A close-up view of the Osram Endura Outdoor LED Solar Projector and its separate solar panel, highlighting the connection cable.*

Your browser does not support the video tag.

*This video provides a visual demonstration of the Osram Endura Outdoor LED Solar Projector, showcasing its components, how the solar panel connects to the light, and the various lighting modes and settings controlled by the remote.*

## 4. SETUP AND INSTALLATION

The flexible design allows the projector and solar panel to be mounted separately. Choose a location for the solar panel that receives maximum direct sunlight throughout the day for optimal charging. The projector can be installed where light is needed, even in shaded areas, thanks to the 5-meter connection cable.

### Installation Steps:

1. **Mount the Solar Panel:** Secure the solar panel to a wall or surface using the provided mounting accessories. Ensure it is positioned to receive direct sunlight.
2. **Mount the Projector:** Attach the LED projector unit to your desired location (e.g., wall, facade) using its separate mounting plate and screws.
3. **Connect the Components:** Connect the 5-meter cable from the solar panel to the LED projector unit. Ensure the connection is secure.
4. **Activate:** The projector will automatically turn on at dusk and off at dawn, or activate based on motion detection, depending on the selected mode.



*A visual guide demonstrating the quick and easy mounting process for the solar projector using a separate mounting plate, with three steps illustrated.*

Your browser does not support the video tag.

*This video illustrates the step-by-step installation of a solar light system, including mounting the solar panel and the light fixture onto a wall, and connecting them. It provides a practical guide for setting up your Osram Endura Outdoor LED Solar Projector.*

## 5. OPERATING INSTRUCTIONS

The Osram Endura Outdoor LED Solar Projector features a PIR motion sensor and a daylight sensor for automatic operation. The included remote control allows for customization of settings.

### Key Features:

- **Automatic Operation:** The integrated daylight sensor ensures the light charges during the day and automatically turns on at dusk.
- **PIR Motion Sensor:** Detects movement to activate the light, providing security and convenience.
- **Remote Control:** Offers advanced settings for the dimmable sensor, including light intensity control, manual on/off, and color temperature selection (if applicable to model).



*A collage of images showing the solar projector in various outdoor settings (driveway, garage, terrace) providing illumination, and a hand holding the remote control.*

## 6. MAINTENANCE

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To ensure optimal performance and longevity of your Osram Endura Outdoor LED Solar Projector, follow these maintenance guidelines:

- **Clean the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures efficient charging.
- **Inspect Connections:** Periodically check the connection cable between the solar panel and the projector for any signs of wear, damage, or loose connections.
- **Clear Obstructions:** Ensure no trees, bushes, or other objects are blocking direct sunlight from reaching the solar panel.
- **Clean the Projector Lens:** Gently clean the LED projector lens to maintain optimal light output.

## 7. TROUBLESHOOTING

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If you encounter issues with your solar projector, try the following troubleshooting steps:

- **Light Not Turning On:**
  - Ensure the solar panel is receiving sufficient direct sunlight for charging.
  - Check the cable connection between the solar panel and the projector.
  - Verify that the remote control settings are correct (e.g., not set to 'OFF' or a very low dimming level).
  - Allow the unit to charge for at least 8-10 hours in direct sunlight before first use.
- **Motion Sensor Not Working:**
  - Ensure the sensor is not obstructed.
  - Check the remote control settings for motion sensor sensitivity and duration.
  - Test the sensor in a dark environment to confirm its functionality.
- **Reduced Light Output/Short Duration:**
  - Clean the solar panel to maximize charging efficiency.
  - Ensure the solar panel is not in a shaded area.
  - Battery performance may decrease in cold weather or after prolonged use.

## 8. SPECIFICATIONS

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Feature	Specification
Product Dimensions (L x W x H)	15.3 x 3.1 x 14.7 cm
Weight	985 grams
Model Number	4099854429415
Material Type	Acrylonitrile Butadiene Styrene (ABS)
Power Source	DC (Solar Powered)
Brand	Osram

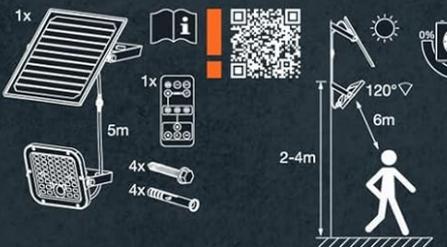
Color	Black
Style	Separate Solar Panel
Fixture Form	Projector
Specific Uses	Garage, Garden, Outdoor Security
Indoor/Outdoor Use	Outdoor
Luminous Flux	1400 lm
Color Temperature	4000K
IP Rating	IP65

# OSRAM



**ENDURA FL SPLIT SOL  
SEN 10W 840 RC**  
 10 W  
 1450 lm (Light Source)  
 1400 lm (Output)  
 ▽ 120° x 60°  
 4000 K = cool light  
 t<sub>90</sub>\*\* 35000 h = 35 years (= 2.7 h/day)  
 Ra > 80  
 ↓ [°C] -20°...+40°  
 ◉ Click DIM 15 %, 30 %, 45 %, 60 %  
 ⌚ (time) 60 s  
 ☉ (lux) 20 – 40 lux  
 Operating time: 60 h @ Sensor mode  
 4.2 Vpc  
 🔋 2x 3.7 V Lithium Ion battery 18650 (replaceable)  
 RC: 1x 3 V Lithium Metal battery CR2032 (replaceable)  
 IP65

\*\* (EU) 2019/2020



**TIME**

60s

ON <20 lux OFF >40 lux

**Mode 1**



**Mode 2**



\* [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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4000K

COOL WHITE = COOL LIGHT



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The back of the product packaging, displaying detailed specifications, features, and a diagram of the product

*dimensions.*

## 9. WARRANTY AND SUPPORT

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This Osram Endura Outdoor LED Solar Projector comes with a **3-year warranty**. For technical support, warranty claims, or further assistance, please refer to the contact information provided on the product packaging or visit the official Osram website.

Please retain your proof of purchase for warranty purposes.