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OREiN OL36001-A

OREiN Motion Sensor Outdoor Lights User Manual

Brand: OREiN | Model: OL36001-A

1. INTRODUCTION

Thank you for choosing the OREiN Motion Sensor Outdoor Lights. This manual provides essential information for the proper installation, operation, and maintenance of your new flood light. Please read it thoroughly before use and retain it for future reference.



The OREiN Motion Sensor Outdoor Light in White.

Key Features:

- **Dimmable Dusk to Dawn Modes:** Offers Manual, Security, and Dimmable Dusk to Dawn modes for versatile lighting control.
- **450° Superwide Adjustment:** Allows precise aiming of light heads and sensor to cover desired areas and avoid light pollution.
- **Bright & Efficient LED Spotlights:** Provides 1600LM brightness with only 12W power consumption,

covering up to 1250 sq.ft.

- **Certified and Durable:** IP65 waterproof rating and robust Polycarbonate material ensure long-lasting outdoor performance.
- **Hardwired Connection:** Designed for secure, permanent installation to a standard junction box.

2. SETUP AND INSTALLATION

What's Included:

- OREiN Motion Sensor Outdoor Light
- Mounting Bracket
- Screws
- Wire Nuts
- Instruction Manual

Installation Steps:

This flood light is designed for hardwired installation to a standard junction box (not included). Ensure power is turned off at the circuit breaker before beginning installation.

Easy to Install (Hardwired)

Not Solar, Not Battery, Nor Plug-in

1. Need Install on a Junction Box
2. Junction Box is Not Included



NOTE: Made of solid ABS insulation material, no ground wire required. FCC certified for safe use.

Overview of the light's dimensions and hardwired connection components.

- 1. Prepare the Junction Box:** Ensure your standard junction box (featuring five 1/2-in knockouts and 16 cu. in. capacity) is securely installed and accessible.
- 2. Attach Mounting Bracket:** Screw the provided mounting bracket to the junction box.
- 3. Connect Wiring:** Carefully connect the live wire (black) and neutral wire (white) from the light fixture to the corresponding wires in your junction box using the provided wire nuts. This product is made of solid ABS insulation material and does not require a ground wire.
- 4. Secure the Light:** Align the light fixture with the mounting bracket and secure it with the provided screws.
- 5. Adjust Light Heads:** Once secured, adjust the two light heads and the motion sensor to your desired angles.

For a visual guide on installation, please refer to the following videos:

Your browser does not support the video tag.

Video: Using Instruction of OREIN Flood Light. This video demonstrates the step-by-step process of installing the flood light, including wiring connections and mounting.

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Video: Easy to Install. A quick guide showing the ease of installation for the OREiN flood light.

3. OPERATING MODES AND ADJUSTMENTS

Understanding Operating Modes:

Your OREiN flood light offers three distinct working modes:

- **1. Manual Mode:** The light turns on/off by manual switch control.
- **2. Security Mode:** The light turns on only at night after detecting motion.
- **3. Dimmable Dusk to Dawn Mode:** The light automatically turns on at 30% brightness at night and increases to 100% brightness upon detecting motion.



Visual representation of the three operating modes.

Adjusting Sensor Settings:

The motion sensor has three adjustable knobs: TIME, SENS, and LUX.



Adjustable sensor settings for TIME, SENS, and LUX.

- **TIME:** Adjusts how long the light stays on after motion is detected (e.g., 8 minutes, 10 seconds).
- **SENS (Sensitivity):** Controls the detection range of the motion sensor (up to 40ft).
- **LUX (Light Sensitivity):** Determines the ambient light level at which the sensor activates. For night-only operation, set the LUX to the 'moon' end for minimum setting.

For a demonstration of the sensor's sensitivity and brightness, watch this video:

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Video: Sensitive Detection and Super Bright. This video highlights the motion sensor's responsiveness and the light's powerful illumination.

Adjusting Lighting Angles:

The light features 450° wide adjustment with 3 flexible joints on each light arm, allowing you to direct the light precisely where needed. This helps avoid light pollution to neighbors and illuminates awkward or unreachable directions.

Light Wherever You Want

3 Adjustable Joints for a Light Arm



Detailed view of the adjustable joints for precise light direction.

450° Widely Light Adjustment

Support Single Head Adjusting



Examples of wide light adjustment for various lighting needs.

See the flexibility of the light's adjustment in this video:

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Video: Bright LED Light with Flexible Adjustment. This video showcases the extensive adjustability of the light heads.

4. MAINTENANCE

The OREiN Motion Sensor Outdoor Light is designed for durability and minimal maintenance. Its IP65 waterproof rating ensures protection against various weather conditions, including snow, wind, and rain.

Light Wherever You Want With Patented Design



The IP65 waterproof design ensures durability in outdoor conditions.

- **Cleaning:** Periodically wipe the light fixture with a soft, damp cloth to remove dust and debris. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Regularly check the wiring and mounting for any signs of wear or damage. Ensure all connections remain secure.
- **Material Durability:** The Polycarbonate material is resistant to high temperatures, frost, UV radiation, and breakage, contributing to a long service life of 50,000 hours.

5. TROUBLESHOOTING

If you encounter issues with your OREiN Motion Sensor Outdoor Light, please refer to the following common troubleshooting tips:

- **Light Not Turning On at Night:**
 - Check the LUX setting on the sensor. Ensure it is set to the 'moon' (minimum) position for night-only operation.
 - Verify that the power supply to the light is active.
 - Confirm the operating mode is correctly selected (Security Mode or Dimmable Dusk to Dawn Mode).
- **Light Stays On Continuously:**
 - In Manual Mode, the light will remain on until manually switched off.
 - In Security or Dimmable Dusk to Dawn modes, check the TIME setting. If set to maximum, the light will stay on longer.
 - Ensure there are no constant motion sources within the sensor's detection range.
- **Motion Sensor Not Detecting:**
 - Adjust the SENS (Sensitivity) knob to a higher setting.
 - Ensure the sensor is not obstructed by objects or debris.
 - Verify the sensor's angle is appropriate for the desired detection area.
- **Light Flashes or Behaves Erratically:**
 - Check for stable power supply. Fluctuations can cause erratic behavior.
 - Ensure the light is securely mounted and connections are tight.

- If issues persist, contact customer support.

6. SPECIFICATIONS

Feature	Specification
Brand	OREiN
Model Name	OL3600140
Model Number	OL36001-A
Color	White
Material	Acrylonitrile Butadiene Styrene, Polycarbonate
Power Source	corded electric (AC)
Voltage	120 Volts
Wattage	12 watts
Brightness	1600 Lumen
Light Color Temperature	5000K
Coverage Area	1250 sq.ft.
Water Resistance Level	IP65 Waterproof
Item Weight	1.34 Pounds
Product Dimensions	7" L x 6.3" W x 3.94" H
Installation Type	Surface Mount (Wall and Soffit Mount)
Special Feature	Dimmable, Motion Sensor
Life Expectancy	50,000 hours

7. WARRANTY AND SUPPORT

Warranty Information:

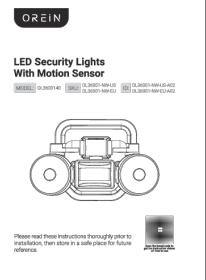
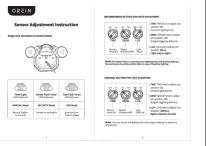
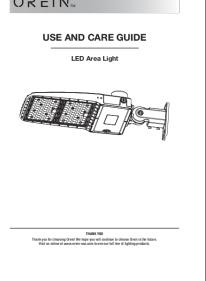
The OREiN Motion Sensor Outdoor Light comes with a **2-year manufacturer's warranty**.

Customer Support:

For any questions, issues, or support needs, please contact OREiN customer service:

- **Phone Support:** 1-844-506-1530 (available during working hours)
- **Online Help:** 7*24 hrs online help is available.
- **User Guide (PDF):** For a detailed user guide, you can download the PDF version [here](#).

Related Documents - OL36001-A

 <p>Please read these instructions thoroughly prior to installation, then store in a safe place for future reference.</p> 	<p>OREIN LED Security Lights with Motion Sensor: Installation and Operation Guide</p> <p>Detailed installation, setup, and troubleshooting guide for the OREIN LED Security Lights with Motion Sensor (Model OL3600140). Learn about sensor settings, operating modes, and product specifications.</p>
 	<p>OREIN Sensor Adjustment Instructions</p> <p>A guide to adjusting the settings for OREIN motion sensor outdoor lights, covering TIME, SENS, and LUX adjustments for various lighting modes.</p>
 <p>Please read these instructions thoroughly prior to installation, then store in a safe place for future reference.</p> 	<p>OREIN Motion Sensor Security Light Outdoor User Manual</p> <p>User manual for the OREIN Motion Sensor Security Light Outdoor, model OL27001-DW-EU. Features 24W LED floodlight, adjustable white light, IP65 waterproofing, PIR motion detection, and dusk-to-dawn functionality.</p>
 	<p>OREIN OL3600140 LED Motion Sensor Outdoor Lights: Installation and Operation Guide</p> <p>This guide provides detailed instructions for installing, operating, and maintaining the OREIN OL3600140 LED Motion Sensor Outdoor Lights. Learn about sensor settings, modes, troubleshooting, and product specifications.</p>
 	<p>Orein LED Area Light Use and Care Guide</p> <p>Comprehensive use and care guide for the Orein LED Area Light, model SLFAL01LM416001. Includes safety information, troubleshooting, warranty details, specifications, installation instructions for various mounting options, photocell details, and cleaning recommendations.</p>
 	<p>OREIN Smart Motion Sensor Outdoor Lights OL36002440 Installation and User Manual</p> <p>Comprehensive guide for installing and operating the OREIN Smart Motion Sensor Outdoor Lights, Model OL36002440. Includes setup, sensor adjustments, modes, troubleshooting, and app connection instructions.</p>