

## OREiN B0DZX3J993

# OREiN Motion Sensor Outdoor Lights, Smart Flood Light Outdoor

## USER MANUAL

### 1. Important Safety Instructions

Please read and understand all instructions before installing or operating this product. Failure to follow these instructions may result in electric shock, fire, or other hazards that could cause property damage or personal injury.

- Always disconnect power at the circuit breaker or fuse box before installation or servicing.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Use only UL-listed wire connectors for connections.
- Ensure all connections are secure and properly insulated.
- Do not install near combustible materials.
- This fixture is designed for outdoor use and is rated for wet locations.

### 2. Product Overview

The OREiN Motion Sensor Outdoor Light is a smart flood light designed to provide efficient and responsive illumination for outdoor spaces. It features an integrated motion sensor for automatic activation and can be controlled via smart features for enhanced functionality.



Figure 2.1: General view of the OREiN Motion Sensor Outdoor Light. This image shows the overall design of the flood light, including the main light housing and the integrated motion sensor at the bottom.

### 3. Package Contents

Verify that all components are present before beginning installation:

- OREiN Motion Sensor Outdoor Light Fixture
- Mounting Bracket
- Mounting Screws and Wall Anchors
- Wire Nuts / Connectors

- User Manual (this document)

## 4. Setup and Installation

---

### 4.1 Before You Begin

- Turn off power at the circuit breaker or fuse box to the outlet box where the light will be installed.
- Ensure the mounting surface is stable and can support the weight of the fixture.
- Gather necessary tools: screwdriver, wire strippers, drill (if needed).

### 4.2 Mounting the Light

1. Attach the mounting bracket to the junction box using the provided screws. Ensure the bracket is securely fastened.
2. Connect the household wires to the fixture wires: black to black (live), white to white (neutral), and green/bare copper to green (ground). Secure connections with wire nuts.
3. Carefully tuck the wires into the junction box.
4. Align the fixture with the mounting bracket and secure it with the provided screws.
5. Apply silicone sealant around the edges of the fixture where it meets the mounting surface to prevent water intrusion.

### 4.3 Wiring Diagram

Connect the black wire from the fixture to the black (live) wire from the household circuit. Connect the white wire from the fixture to the white (neutral) wire from the household circuit. Connect the green or bare copper ground wire from the fixture to the ground wire from the household circuit. Ensure all connections are tight and insulated.

## 5. Operating Instructions

---

### 5.1 Powering On

Once installation is complete, restore power at the circuit breaker. The light may cycle on and off once as it performs a self-test.

### 5.2 Motion Sensor Adjustment

The motion sensor can be adjusted for sensitivity and duration. Locate the adjustment dials or buttons on the sensor head.

- **SENS (Sensitivity):** Adjusts the detection range of the motion sensor. Turn clockwise for higher sensitivity (longer range), counter-clockwise for lower sensitivity (shorter range).
- **TIME (Duration):** Sets how long the light stays on after motion is detected. Adjust to your desired duration (e.g., 30 seconds to 10 minutes).
- **LUX (Dusk-to-Dawn):** Determines the ambient light level at which the sensor becomes active. Turn towards the sun icon for daylight operation (test mode) or towards the moon icon for night-only operation.

### 5.3 Smart Features / App Control

For smart control features, download the OREiN Smart Home app from your device's app store. Follow the in-app instructions to pair your flood light with your Wi-Fi network. This will allow for remote control, scheduling, and advanced customization of light settings.

## 6. Maintenance

---

Regular maintenance ensures optimal performance and longevity of your OREiN Motion Sensor Outdoor Light.

- Cleaning:** Periodically clean the lens and sensor with a soft, damp cloth to remove dirt, dust, or debris that may obstruct the sensor or reduce light output. Do not use abrasive cleaners.
- Inspection:** Annually inspect the fixture for any signs of damage, loose wiring, or corrosion. Ensure mounting screws are tight.
- Power Cycle:** If the light behaves erratically, try turning off the power at the circuit breaker for 30 seconds and then restoring it.

## 7. Troubleshooting

Refer to the table below for common issues and their solutions.

| Problem                      | Possible Cause   | Solution   |
|------------------------------|--|--|
| Light does not turn on.      | No power; faulty wiring; sensor setting too high (LUX); bulb failure (if applicable).        | Check circuit breaker; verify wiring connections; adjust LUX setting; contact support if integrated LED. |
| Light stays on constantly.   | Continuous motion detected; TIME setting too long; LUX setting too low (daylight operation). | Clear obstruction; adjust TIME setting; adjust LUX setting.  |
| Motion sensor not detecting. | SENS setting too low; obstruction on sensor lens; sensor angle incorrect.                    | Increase SENS setting; clean sensor lens; adjust sensor angle.   |
| Light flickers.              | Loose wiring connection; unstable power supply.  | Check and secure all wiring; consult an electrician for power supply issues.                             |

## 8. Specifications

| Feature                | Specification                                   |
|------------------------|---|
| Model Number           | B0DZX3J993                                      |
| Brand                  | OREiN   |
| Power Input            | 120V AC, 60Hz                                   |
| Wattage                | Approx. 30W (LED Integrated)                    |
| Lumen Output           | Approx. 3000 Lumens                             |
| Color Temperature      | 5000K Daylight White                            |
| Motion Detection Range | Up to 70 ft (21 m)                              |
| Detection Angle        | 180 degrees                                     |
| IP Rating              | IP65 (Dust tight, protected against water jets) |
| Operating Temperature  | -20°C to 40°C (-4°F to 104°F)                   |
| Date First Available   | October 11, 2023                                |

## 9. Warranty and Support

OREiN products are designed and manufactured to the highest quality standards. This product is covered by a limited warranty against defects in materials and workmanship from the date of purchase. Please refer to the product packaging or the official OREiN website for specific warranty terms and conditions.

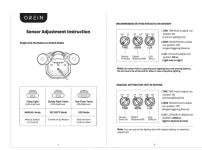
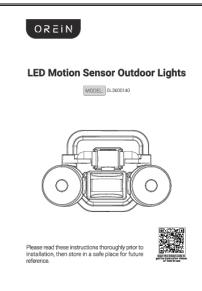
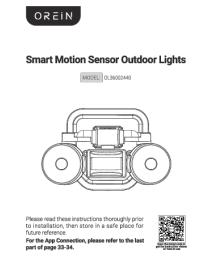
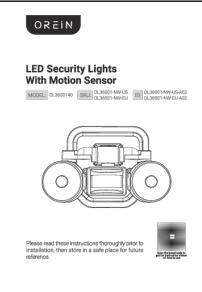
For technical support, troubleshooting assistance, or warranty claims, please contact OREiN customer service:

- **Email:** [support@orein.com](mailto:support@orein.com) (Example email, please refer to actual product for contact details)
- **Website:** [www.orein.com](http://www.orein.com) (Example website, please refer to actual product for contact details)

When contacting support, please have your product model number (B0DZX3J993) and purchase date available.

© 2024 OREiN. All rights reserved.

## Related Documents

|   |   |
|---|---|
|    | <p><a href="#"><u>OREIN Sensor Adjustment Instructions</u></a></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><a href="#"><u>OREIN OL3600140 LED Motion Sensor Outdoor Lights: Installation and Operation Guide</u></a></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><a href="#"><u>OREiN Smart Motion Sensor Outdoor Lights OL36002440 Installation and User Manual</u></a></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>                 |
|  | <p><a href="#"><u>OREIN LED Security Lights with Motion Sensor: Installation and Operation Guide</u></a></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>                       |