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OREiN b2ed65af-0dc4-4c4e-9498-f68692c60440

# OREiN Outdoor LED Floodlight User Manual

Model: b2ed65af-0dc4-4c4e-9498-f68692c60440

## 1. INTRODUCTION

Thank you for choosing the OREiN Outdoor LED Floodlight with Motion Detector. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new floodlight. Please read this manual thoroughly before installation and keep it for future reference.

## 2. SAFETY INFORMATION

Always follow basic safety precautions when installing and operating electrical equipment. Failure to do so may result in fire, electric shock, or serious injury.

- **Professional Installation Recommended:** Installation should be performed by a qualified electrician in accordance with all local and national electrical codes.
- **Power Disconnection:** Always disconnect power at the circuit breaker before installing, servicing, or cleaning the fixture.
- **Grounding:** Ensure the fixture is properly grounded to avoid potential electric shock.
- **Outdoor Use Only:** This product is designed for outdoor use and is IP65 rated for water resistance. Do not submerge.
- **Avoid Direct Eye Exposure:** Do not stare directly into the LED light source when the fixture is illuminated, as it may cause eye damage.
- **Operating Temperature:** Ensure the operating environment is within the specified temperature range.

## 3. PRODUCT OVERVIEW

### 3.1 Components

The OREiN Outdoor LED Floodlight consists of a main housing, two adjustable LED light heads, and an integrated motion sensor. Mounting accessories are included for installation.



Figure 3.1: OREiN Outdoor LED Floodlight

### 3.2 Key Features

- **Bright and Energy-Efficient:** 12W LED provides 1600 lumens of 5000K cool white light, equivalent to a 150W traditional bulb, offering twice the energy efficiency.
- **Certified and Durable:** CE, FCC, and RoHS certified. IP65 waterproof rating ensures reliable outdoor performance in various weather conditions (wind, snow). Constructed from high-quality polycarbonate and high-density ABS material for resistance to high temperatures, frost, UV radiation, and breakage.
- **450° Adjustable Illumination:** Patented design with three active joints on each arm allows for flexible 450° adjustment, enabling precise light direction and coverage of hard-to-reach areas.
- **Three Operational Modes:** Features Security Mode, Daily Mode, and Manual Mode for versatile lighting control.
- **Enhanced Motion Sensor:** 180° detection angle with a range of up to 40ft.
- **Dimmable Brightness:** Adjustable brightness from 1% to 100%.
- **Smart Control:** Compatible with voice assistants like Alexa and Google, and controllable via the Aidot APP (Wi-Fi connection required).
- **Long Lifespan:** Rated for 50,000 hours, equivalent to 22 years of use at 7 hours per day.

## 4. SETUP

### 4.1 Mounting Options

The floodlight can be mounted on a wall or soffit. Choose a location that provides optimal coverage and motion detection for your desired area.

## *Soffit Mounted*



## *Wall Mounted*



Figure 4.1: Soffit and Wall Mounting Options

### **4.2 Electrical Connection**

Ensure power is disconnected before wiring. Connect the floodlight to a 120V AC power source using standard electrical wiring practices. Refer to local electrical codes for proper installation.

### **4.3 App Setup and Wi-Fi Connection**

For smart control features, download the Aidot APP on your smartphone. Connect the floodlight to your Wi-Fi network following the in-app instructions. This allows for remote control and advanced settings.

# Security Mode for Travel Period

Flashing Lights & Message Notifications.



Flashing Mode



APP Message Warning



Message Notification



Activity Record



Figure 4.2: Voice and App Control Setup

Once connected, you can manage routines, schedules, night economy settings, and monitor power usage through the app.

# DIY Your Lighting

More accurate, more energy-efficient



Routines



Schedule



Night Economy



Power Usage



Figure 4.3: DIY Lighting Options in App

## 5. OPERATING INSTRUCTIONS

### 5.1 Adjusting Light Heads

The two light heads can be independently adjusted up to 450° to direct illumination precisely where needed. Gently pivot the light heads at their joints to achieve the desired angle.



Figure 5.1: Adjustable Light Heads

## 5.2 Understanding Operating Modes

The floodlight offers three distinct operating modes, selectable via the Aidot APP or manual switch:

- **Security Mode:** The motion detector activates the light to 100% brightness when motion is detected. The light turns off after a set period of no motion.
- **Daily Mode:** Provides 30% brightness when no motion is detected, increasing to 100% brightness upon motion detection. This mode offers continuous low-level lighting with a boost when activity is present.
- **Manual Mode:** The light turns on at night and remains on continuously until manually switched off or until dawn.

## 5.3 Dimmable Brightness

The brightness can be adjusted from 1% to 100% via the Aidot APP, allowing you to customize the light intensity for different situations.

# 1%-100% Dimmable Brightness

20% Brightness

100% Brightness

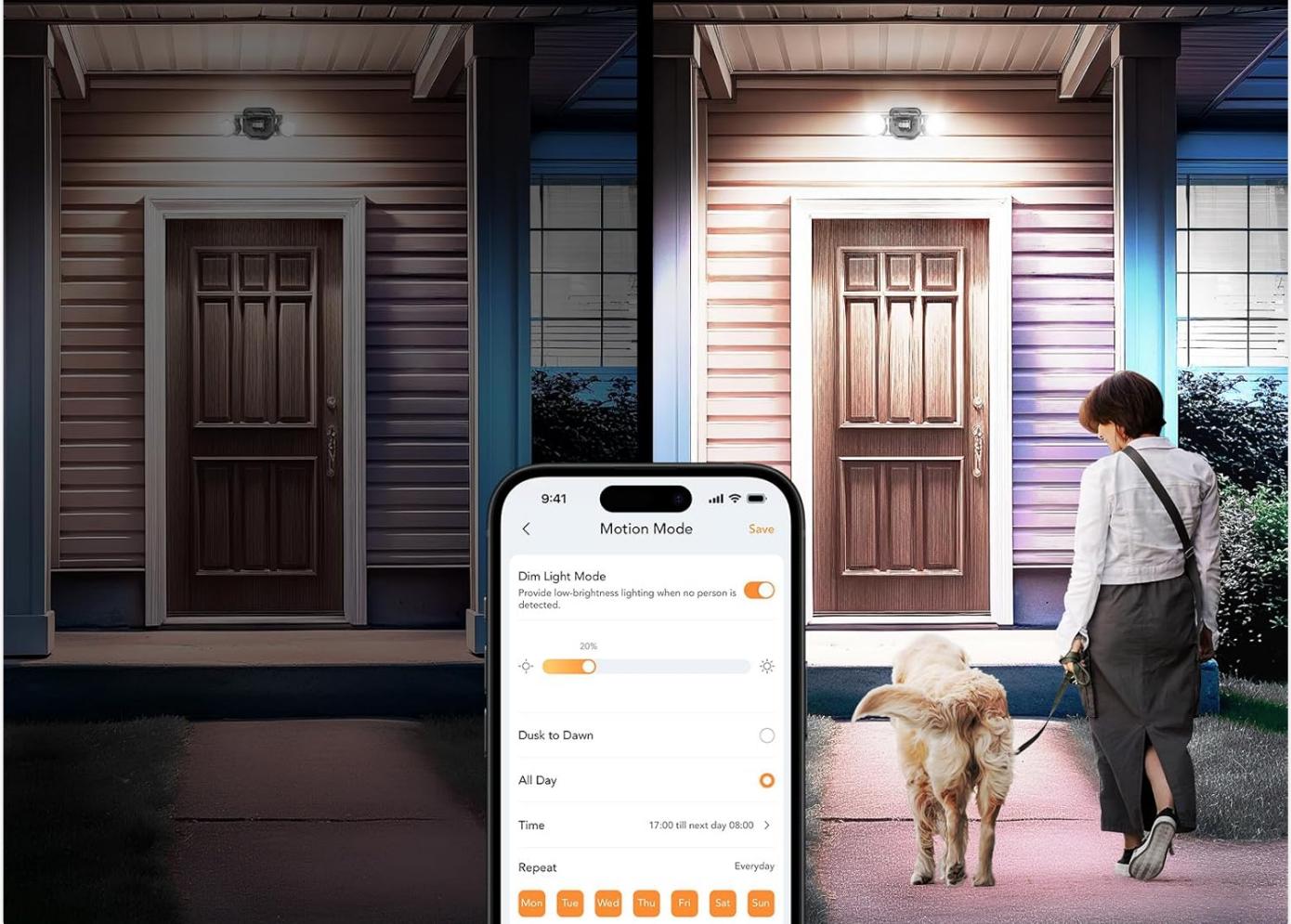


Figure 5.2: Dimmable Brightness Control

## 5.4 Motion Sensor Operation

The integrated motion sensor has a 180° detection angle and a range of up to 40ft. It is designed to detect human movement and activate the light according to the selected mode. Adjust the sensor's sensitivity and duration settings in the Aidot APP for optimal performance.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your OREIN LED Floodlight.

- **Cleaning:** Periodically clean the light heads and motion sensor lens with a soft, damp cloth to remove dirt, dust, or debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the wiring and mounting hardware for any signs of wear, damage, or loosening. Ensure all connections remain secure.
- **Weather Resistance:** While IP65 rated, ensure the fixture is not continuously submerged or exposed to high-

pressure water jets.

# IP65 Waterproof

Work well in all weather



IP65  
Waterproof



Heat  
Resistance



Snowproof

Figure 6.1: IP65 Waterproof and Weather Resistance

## 7. TROUBLESHOOTING

If you encounter issues with your floodlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose wiring, faulty sensor, incorrect mode.	Check circuit breaker. Ensure all wiring connections are secure. Verify sensor settings and selected operating mode in the app.

Problem	Possible Cause	Solution
Light stays on continuously.	Sensor sensitivity too high, continuous motion, Manual Mode selected.	Adjust sensor sensitivity in the app. Ensure no constant motion in detection area. Switch to Security or Daily Mode if desired.
Light flickers or dims unexpectedly.	Unstable power supply, loose connection, extreme temperature.	Check power supply stability. Inspect wiring connections. Ensure operating environment is within specified temperature range.
Motion sensor not detecting.	Sensor obstructed, sensitivity too low, incorrect angle.	Clear any obstructions from sensor lens. Increase sensor sensitivity in the app. Adjust sensor angle for optimal coverage.
Cannot connect to Wi-Fi/App.	Incorrect Wi-Fi password, weak signal, router issues.	Verify Wi-Fi password. Ensure floodlight is within Wi-Fi range. Restart router and floodlight.

If the problem persists after attempting these solutions, please contact OREiN customer support for further assistance.

## 8. SPECIFICATIONS

Attribute	Value
Manufacturer	OREiN
Model Number	b2ed65af-0dc4-4c4e-9498-f68692c60440
Product Dimensions (L x W x H)	7.08 x 6.3 x 3.94 cm; 710 grams
Color	Black - Manual Control
Style	Industrial
Material	Acrylonitrile Butadiene Styrene (ABS)
Shape	Rectangular
Power Source	Corded Electric
Voltage	120 Volts (AC)
Wattage	12 Watts
Installation Method	Flush Mount
Bulb Type	LED
Luminosity	1600 lm (Note: 5000 lm in spec is likely a typo, 1600 lm is consistent with description)
Electrical Plug Type	Wall Mount

Attribute	Value
Switch Style	Push Button
Certification	CE, FCC, RoHS
Special Features	Motion Detector, 450° Freely Adjustable, 2-Arm Spotlight
Usage	Yard, Garden, Home
Included Components	Mounting accessories, switch
Batteries Required/Included	No
ASIN	B0CFD14349

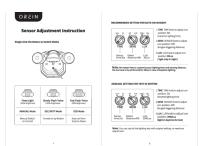
## 9. WARRANTY AND SUPPORT

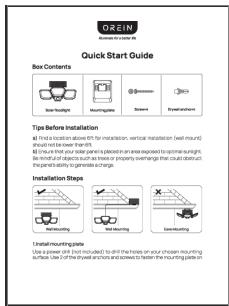
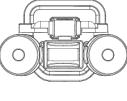
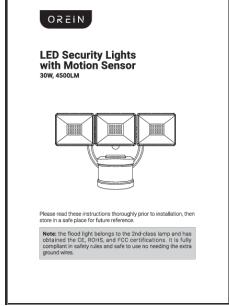
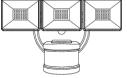
The OREiN Outdoor LED Floodlight comes with a **24-month warranty** from the date of purchase. OREiN also provides **24/7 customer support** to assist with any questions or issues you may encounter.

For warranty claims, technical assistance, or any other inquiries, please contact OREiN customer service through the retailer's platform or the official OREiN website. Please have your product model number and purchase details ready when contacting support.

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### Related Documents - b2ed65af-0dc4-4c4e-9498-f68692c60440

	<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 Motion Sensor Security Light Outdoor User Manual</u></a></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><a href="#"><u>OREiN Smart Solar Security Floodlight User Manual</u></a></p> <p>Comprehensive user manual for the OREiN Smart Solar Security Floodlight, detailing specifications, safety information, installation steps, app connectivity via AiDot, care and maintenance, troubleshooting, and FCC compliance.</p>

 <p><b>OREiN Solar Floodlight Quick Start Guide</b></p> <p><b>Box Contents</b></p> <ul style="list-style-type: none"> <li>Item 1: Solar Floodlight</li> <li>Item 2: Mounting plate</li> <li>Item 3: Screws</li> <li>Item 4: Instruction manual</li> </ul> <p><b>Tip Before Installation</b></p> <ul style="list-style-type: none"> <li>✓ This is a location above 10m for installation, vertical installation (wall mount) should not be lower than 10m.</li> <li>✗ Installation on trees or other objects is not recommended as trees or property overhangs can cause damage.</li> <li>✗ Be aware of objects such as trees or property overhangs that could obstruct the solar panel from receiving direct sunlight.</li> </ul> <p><b>Installation Steps</b></p> <ul style="list-style-type: none"> <li>✓ Wall mounting</li> <li>✓ Wall mounting</li> <li>✗ Grounding</li> </ul> <p><b>1. Wall mounting plate</b></p> <p>Use the included mounting plate to install the fixture on any chosen mounting surface. Use 2 of the 4 included anchors and screws to fasten the mounting plate on.</p>	<p><a href="#"><b>OREiN Solar Floodlight Quick Start Guide - Installation and Setup</b></a></p> <p>Quick Start Guide for OREiN solar floodlights. Provides essential information on box contents, installation tips, and step-by-step instructions for wall mounting and solar panel setup.</p>
 <p><b>OREiN</b></p> <p><b>Smart Motion Sensor Outdoor Lights</b></p> <p><b>MODEL: OL36002440</b></p> <p></p> <p>Please read these instructions thoroughly prior to installation, then store in a safe place for future reference.</p> <p>For the App Connection, please refer to the last part of page 20-34.</p> <p></p>	<p><a href="#"><b>OREiN Smart Motion Sensor Outdoor Lights OL36002440 Installation and User Manual</b></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><b>OREiN</b></p> <p><b>LED Security Lights with Motion Sensor</b></p> <p><b>30W, 4500LM</b></p> <p></p> <p>Please read these instructions thoroughly prior to installation, then store in a safe place for future reference.</p> <p><b>Note:</b> The flood light belongs to the 2nd-class lamp and has a luminous flux of 4500LM. The light fixture is safe and compliant in safety rules and safe to use no need for extra ground wire.</p>	<p><a href="#"><b>OREiN LED Security Lights with Motion Sensor: Installation and Operation Manual</b></a></p> <p>Comprehensive guide for installing and operating OREiN LED Security Lights with Motion Sensor (30W, 4500LM). Includes safety precautions, setup instructions, troubleshooting, and care tips.</p>