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› [Olafus 60W Dusk to Dawn Outdoor Flood Light \(Model BDB50D-3\) Instruction Manual](#)

## Olafus BDB50D-3

# Olafus 60W Dusk to Dawn Outdoor Flood Light

Model: BDB50D-3

## 1. INTRODUCTION

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Thank you for choosing the Olafus 60W Dusk to Dawn Outdoor Flood Light (Model BDB50D-3). This manual provides essential information for the safe installation, operation, and maintenance of your new flood light. Please read these instructions thoroughly before use and retain them for future reference.

## 2. SAFETY INSTRUCTIONS

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To ensure safe operation and prevent damage, please observe the following safety precautions:

- Always disconnect power at the circuit breaker before installing, servicing, or cleaning the fixture.
- Ensure proper grounding to avoid electrical shock. All wiring must comply with local electrical codes.
- If you are unsure about wiring or installation procedures, consult a qualified electrician.
- Do not look directly into the LED light source when the fixture is illuminated, as this may cause eye strain or damage.
- This product is designed for outdoor use and is IP65 rated for water resistance. However, ensure all electrical connections are properly sealed and protected from moisture during installation.
- Do not attempt to modify or disassemble the fixture. There are no user-serviceable parts inside.

## 3. PRODUCT FEATURES

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The Olafus 60W Dusk to Dawn Outdoor Flood Light offers advanced features for reliable outdoor lighting:

- **High-Luminosity Output:** Provides 6000 lumens of 6500K Day White light with 60W power, covering up to 1150 square feet.
- **Dusk to Dawn Functionality:** Equipped with a high-sensitive photocell sensor that automatically turns the light on at dusk and off at dawn. (Note: This model does not include a motion sensor.)
- **IP65 Waterproof Rating:** Constructed with durable aluminum housing, designed to withstand rain, snow, and operating temperatures from -25°C to 45°C.
- **Adjustable Heads:** Features three light heads that can be adjusted 355° up and down, and 90° side

to side, providing up to 360° coverage without dark gaps.

- **Anti-Glare Design:** Incorporates an optically designed filter for softer, anti-glare illumination, enhancing comfort and protecting eyes.
- **Efficient Heat Dissipation:** The die-cast aluminum structure with long-finned heat dissipation ensures optimal performance and extends the product's lifespan.



## Dusk to Dawn Sensor

(No Motion Sensor)



Image: Close-up of the Olafus 60W Flood Light showing the dusk to dawn sensor and its automatic on/off function.



# IP65 Waterproof

Install anywhere you want



Snow



Rain



Wind

Image: The Olafus 60W Flood Light installed outdoors, showcasing its IP65 waterproof design during rainfall.



# Excellent Heat Dissipation

High-quality materials for longer lifespan

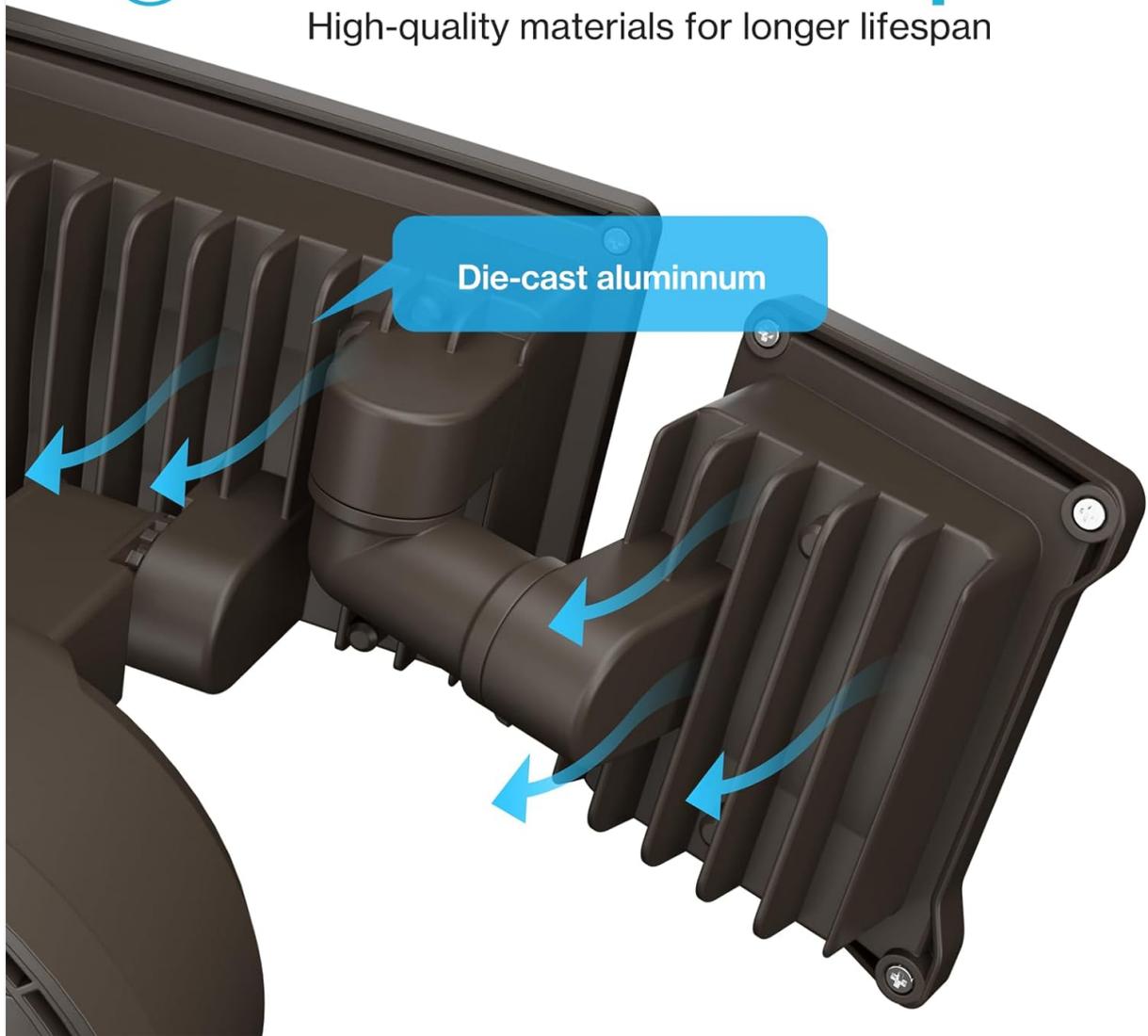


Image: Diagram illustrating the excellent heat dissipation design of the Olafus 60W Flood Light's aluminum housing.



## 270 ° Broad Beam Angle

Adjusted easily to light wider coverage area



Image: The Olafus 60W Flood Light demonstrating its 270-degree broad beam angle and adjustable heads for wide coverage.



# Product Size



Image: Technical drawing showing the dimensions of the Olafus 60W Flood Light.

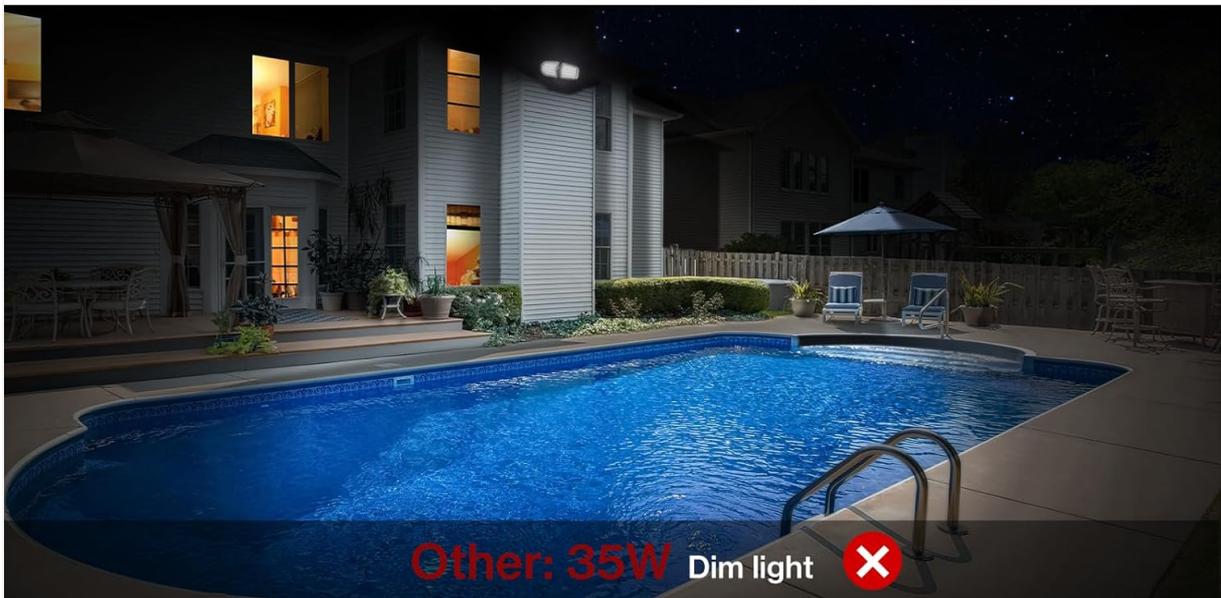


Image: Comparison of the Olafus 60W Flood Light's brightness (6000LM) versus a dimmer 35W light (4500LM) in an outdoor setting.

## 4. PACKAGE CONTENTS

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Please check the package to ensure all items are present:

- 1 x Olafus 60W Flood Light (Model BDB50D-3)
- 1 x Mounting Bracket
- 1 x Set of Installation Screws and Wire Nuts
- 1 x User Manual

## 5. SETUP & INSTALLATION

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Follow these steps for proper installation of your flood light:

1. **Preparation:** Before beginning installation, ensure the power supply to the installation area is turned off at the circuit breaker.
2. **Mounting Location:** Choose a suitable location for mounting. The flood light can be installed on a wall or under a soffit.

3. **Install Mounting Bracket:** Secure the mounting bracket to the desired surface using the provided screws. Ensure it is firmly attached.
4. **Wiring Connections:** Connect the Live (black), Neutral (white), and Ground (green/bare copper) wires from your electrical supply to the corresponding wires on the flood light using the provided wire nuts. Ensure all connections are secure and insulated.
5. **Attach Fixture:** Carefully attach the flood light fixture to the installed mounting bracket. Secure it with the retaining screw.
6. **Adjust Light Heads:** Once the fixture is securely mounted, adjust the three light heads to direct illumination to your desired areas.
7. **Restore Power:** Turn the power back on at the circuit breaker. The light will activate according to its dusk-to-dawn sensor.



Image: Diagram illustrating the easy installation process of the Olafus 60W Flood Light, showing wiring connections and compatibility with a junction box.

Your browser does not support the video tag.

Video: An official Olafus video demonstrating the easy installation process, including wall-mounted and soffit-mounted options, and multi-angle rotation of the light heads.

## 6. OPERATING INSTRUCTIONS

The Olafus 60W Flood Light operates automatically using its integrated photocell sensor:

- **Automatic On/Off:** The built-in photocell sensor detects ambient light levels. When the surrounding light falls to approximately 10-20 Lux (dusk), the flood light will automatically turn on. When the ambient light rises to approximately 30-60 Lux (dawn), the light will automatically turn off.
- **No Manual Operation:** Once installed and powered, no manual switching is required for daily operation.
- **Sensor Placement:** Ensure the photocell sensor is not obstructed by objects or directly exposed to other light sources (e.g., streetlights, other floodlights) that could interfere with its accurate light detection.

Your browser does not support the video tag.

Video: An official Olafus video showcasing the dusk to dawn functionality, demonstrating the light turning on automatically at night and off during the day, along with adjustable light heads and IP65 waterproofing.

## 7. MAINTENANCE

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Regular maintenance helps ensure the longevity and optimal performance of your flood light:

- **Cleaning:** Periodically clean the light fixture with a soft, damp cloth to remove dirt, dust, and debris. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or components.
- **Inspection:** Annually inspect the wiring and connections for any signs of wear, fraying, or damage. Ensure all screws and mounting hardware remain tight.
- **Photocell Sensor:** Keep the photocell sensor clean and free from obstructions (e.g., leaves, spiderwebs) to ensure accurate dusk-to-dawn operation.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable. If the LEDs fail, the entire fixture should be replaced.

## 8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on at night.	No power supply. Photocell obstructed or covered. Faulty wiring connection.	Check circuit breaker and power switch. Ensure photocell is clear of obstructions. Verify all wiring connections are secure.
Light stays on during the day.	Photocell in shaded area. Interference from other light sources. Photocell reflecting light from the fixture itself.	Relocate fixture or clear obstructions. Ensure no other bright lights are shining directly on the photocell. Adjust light heads to prevent light from hitting the photocell.
Light flickers.	Loose wiring connection. Unstable power supply.	Check and tighten all wiring connections. Consult an electrician to check power supply stability.

If the problem persists after attempting these solutions, please contact Olafus customer support for further

assistance.

## 9. SPECIFICATIONS

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Feature	Specification
Brand	Olafus
Model	BDB50D-3
Wattage	60W
Brightness	6000 Lumens
Color Temperature	6500K (Day White)
Material	Aluminum
Water Resistance Level	IP65
Power Source	Corded Electric
Voltage	120 Volts
Product Dimensions	10.62"L x 5.51"W x 4.72"H
Special Features	3 Adjustable Heads, Dusk-To-Dawn
Installation Type	Semi Flush Mount
Item Weight	2.05 Pounds

## 10. WARRANTY & SUPPORT

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For detailed warranty information, product registration, or technical support, please visit the official Olafus website or contact their customer service department directly. Please retain your purchase receipt as proof of purchase for any warranty claims.