Olafus 5-LBD100M

Olafus 100W Dusk to Dawn LED Outdoor Flood Light with Remote

Model: 5-LBD100M

1. PRODUCT OVERVIEW

The Olafus 100W Dusk to Dawn LED Outdoor Flood Light is designed for reliable outdoor illumination. It features a built-in photocell sensor for automatic operation from dusk to dawn, and an 'Always-on' mode for manual control. The included remote control allows for brightness adjustment and timing functions. With five independently adjustable heads, this flood light provides extensive coverage and flexibility for various outdoor lighting needs.

- **Dusk to Dawn & Always-on Modes:** Automatically turns on at night and off during the day, or can be manually controlled.
- **Remote Control with Timing:** Adjust brightness (40%-100% in Always-on mode) and set timers (2/4/6/8/12 hours in Dusk to Dawn mode).
- **Max 360° Coverage:** Five adjustable heads provide wide illumination without dark spots.
- **IP65 Outdoor Waterproof:** Durable aluminum housing withstands rain, snow, and harsh weather conditions.
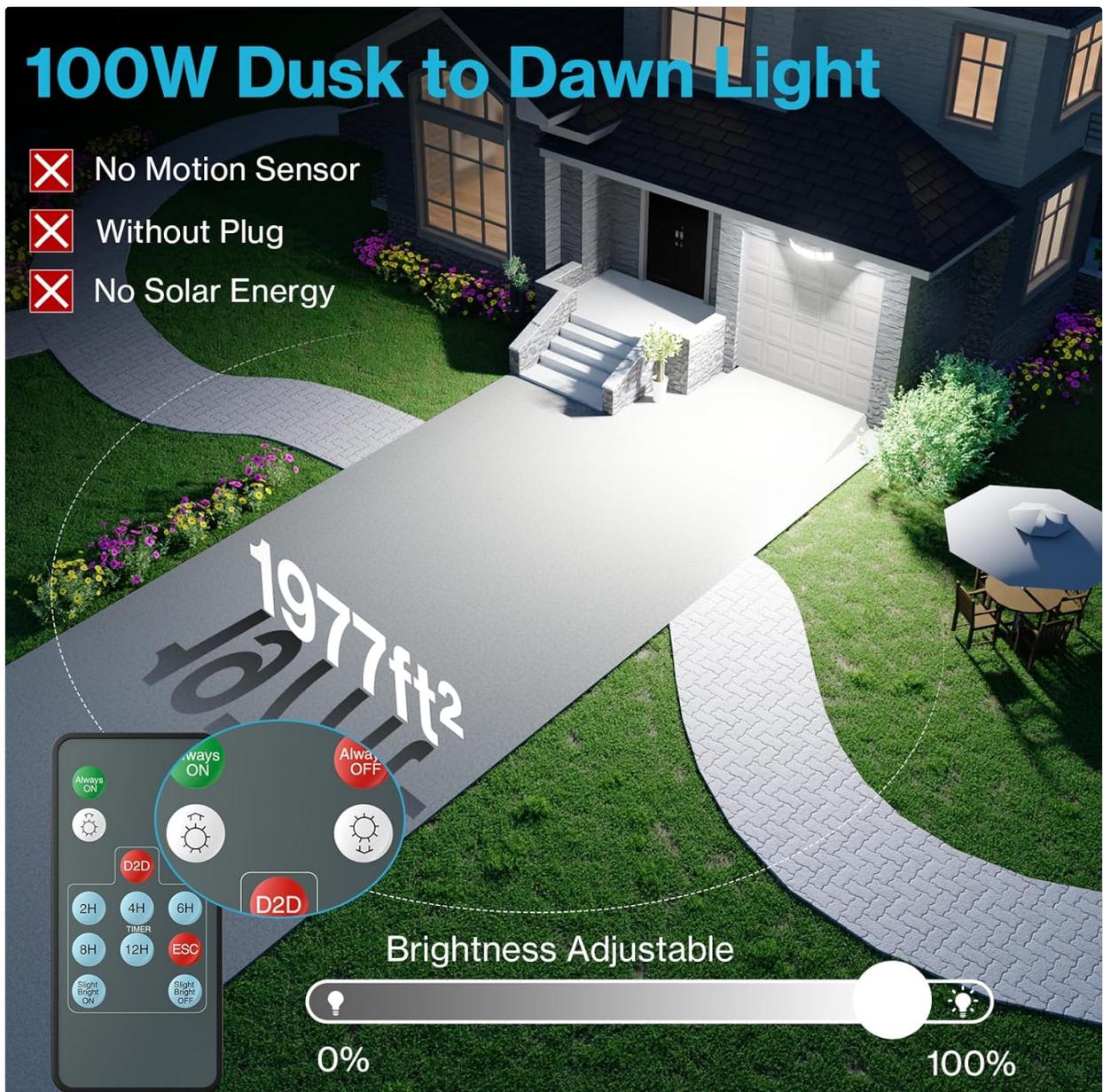- **High Luminosity:** 100W output delivers 10000 lumens, covering up to 1977 square feet.

Image 1.1: The Olafus 100W flood light provides extensive illumination, covering up to 1977 sq ft.

2. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- 1 x Olafus 100W LED Outdoor Flood Light
- 1 x Remote Control
- 3 x Wire Nuts
- 1 x Silicone Gasket
- 3 x Machine Screws (for mounting bracket)
- 2 x Machine Screws (for light fixture)
- 1 x Machine Screw (for ground wire)
- 3 x Expansion Rubber Plugs
- 1 x Long Machine Screw
- 1 x Mounting Bracket
- 1 x EVA Gasket
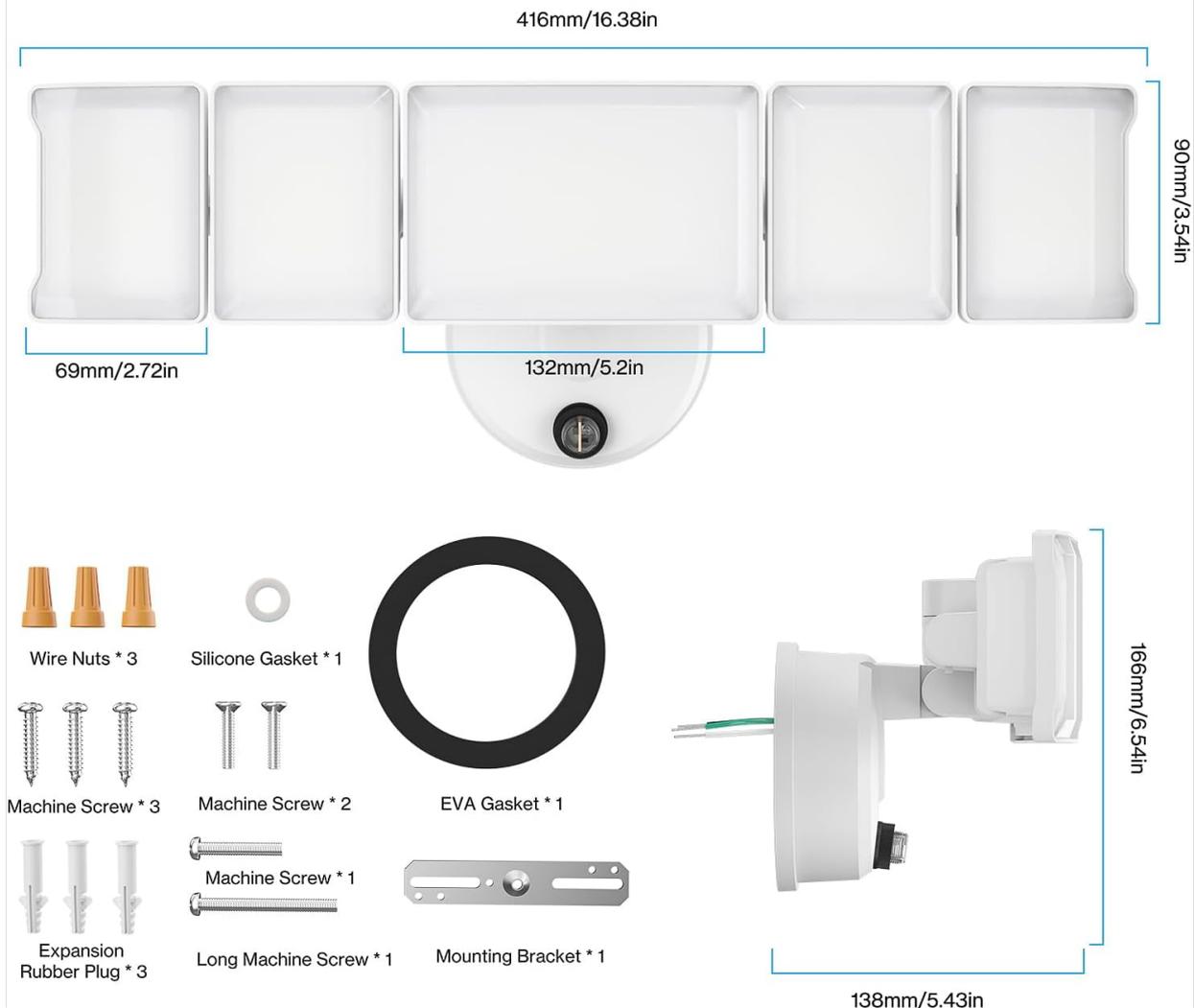- 1 x Instruction Manual (this document)

Product Size

416mm/16.38in

90mm/3.54in

69mm/2.72in

132mm/5.2in

Wire Nuts * 3

Silicone Gasket * 1

Machine Screw * 3

Machine Screw * 2

EVA Gasket * 1

166mm/6.54in

Expansion Rubber Plug * 3

Machine Screw * 1

Long Machine Screw * 1

Mounting Bracket * 1

138mm/5.43in

Image 2.1: Detailed view of the product dimensions and included accessories.

3. SPECIFICATIONS

Brand	Olafus
Model Number	5-LBD100M
Wattage	100 watts
Brightness	10000 Lumens
Color Temperature	6500 Kelvin (Day White)
Material	Aluminum
Water Resistance Level	IP65 Waterproof
Control Method	Remote Control
Number of Light Sources	5 (Adjustable Heads)
Product Dimensions	8.27"L x 8.27"W x 7.09"H

Item Weight	2.86 pounds
Power Source	Corded Electric

4. SAFETY INFORMATION

Please read and understand all safety instructions before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Always turn off power at the circuit breaker before installing or servicing the fixture. Ensure wiring connections are secure and comply with local electrical codes.
- **Qualified Electrician:** If you are unsure about electrical wiring, consult a qualified electrician.
- **Mounting:** Mount the fixture securely to a sturdy surface that can support its weight.
- **Heat:** The light fixture may become hot during operation. Avoid touching it directly.
- **Eye Protection:** Do not stare directly into the LED light source, as it can cause eye strain or damage.
- **Environmental Conditions:** This fixture is rated IP65 for outdoor use. Do not submerge in water.

5. SETUP AND INSTALLATION

This flood light is designed for easy installation on a standard junction box (not included).

1. **Turn Off Power:** Before starting, ensure the power supply to the installation area is turned off at the circuit breaker.
2. **Attach Mounting Bracket:** Secure the mounting bracket to your junction box using the provided machine screws. Ensure it is firmly attached.
3. **Wire Connections:** Connect the electrical wires from your junction box to the flood light's wires using the provided wire nuts. Match the colors:
   - Black wire (Live) to Black wire
   - White wire (Neutral) to White wire
   - Green wire (Ground) to Green/Bare Copper wire
4. **Mount the Fixture:** Align the flood light fixture with the mounting bracket and secure it with the remaining machine screws. Ensure the EVA gasket is properly seated to maintain weather resistance.
5. **Adjust Light Heads:** Once mounted, adjust the five individual light heads to direct illumination as needed. The heads can be rotated 355° vertically and 90° horizontally for maximum coverage.
6. **Restore Power:** Turn the power back on at the circuit breaker.

Easy Installation

Suitable for Dameter ≤4.92in Junction Box

(Not Included)

Step 2

Step 3

Step 1

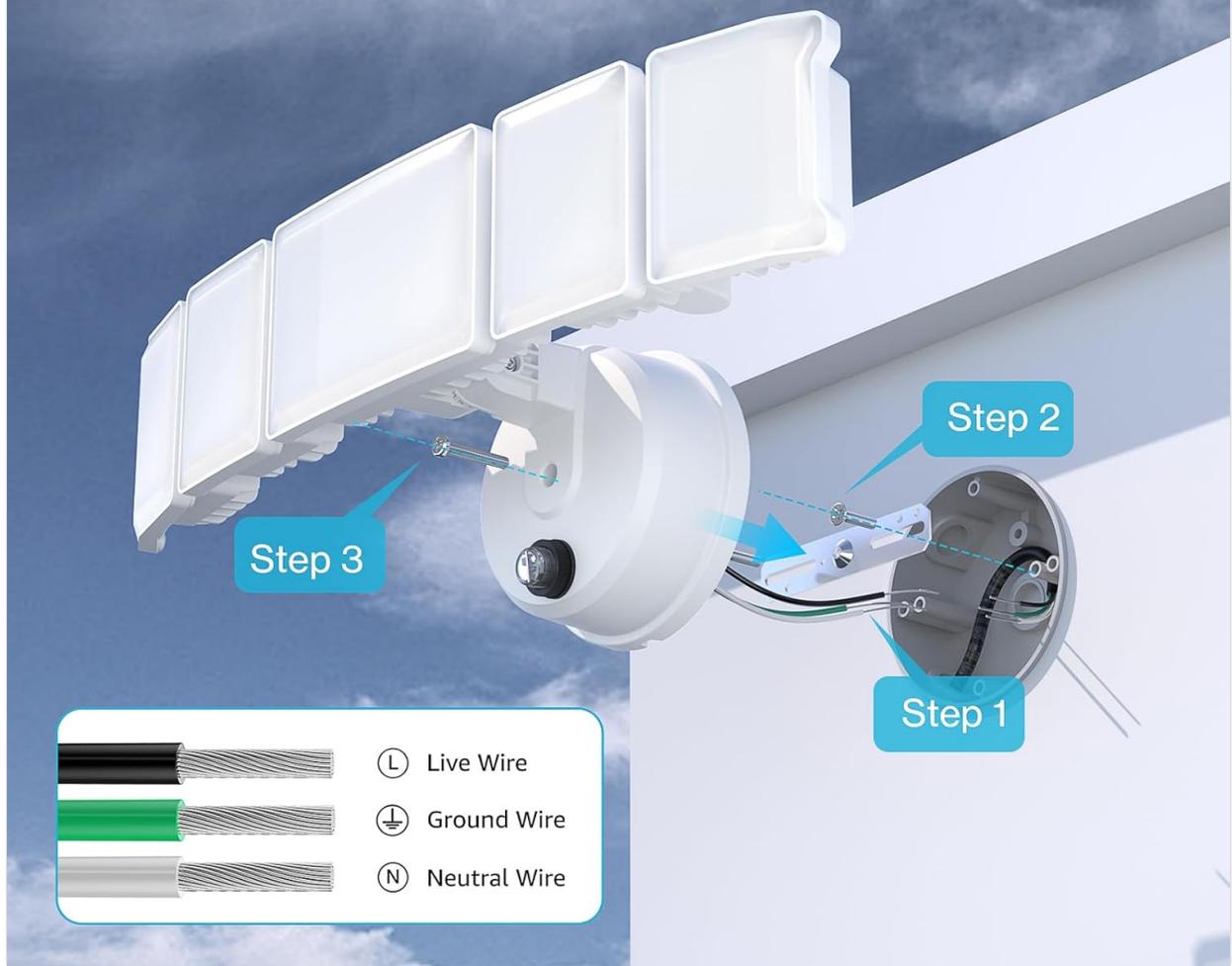|		
⃝L	Live Wire
⏚	Ground Wire
⃝N	Neutral Wire

Image 5.1: Step-by-step guide for wiring and mounting the flood light.

Image 5.2: The five adjustable heads allow for a 360° illumination angle to cover wider areas.

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Video 5.1: An official product video demonstrating the installation process and features of the Olafus 100W Dusk to Dawn LED Flood Light with Remote.

6. OPERATING INSTRUCTIONS

The Olafus flood light offers two primary operating modes: Dusk to Dawn and Always-on, both controllable via the included remote.

6.1. Mode Selection

Image 6.1: Illustration of the two main operating modes: Constant Light and Dusk to Dawn.

- **Dusk to Dawn (D2D) Mode:** The light automatically turns on when ambient light levels are low (night) and turns off when light levels are high (day). This mode is activated by pressing the 'D2D' button on the remote.
- **Always-on Mode:** The light can be manually turned on or off using the remote control or your home's wall switch. Activate this mode by pressing the 'Always ON' button on the remote.

Note: This flood light does not have a motion sensor and is not solar-powered.

6.2. Remote Control Functions

Point the remote control directly at the light fixture for optimal response.

- **ON/OFF:** Use the red and green buttons to turn the light on or off in Always-on mode.
- **Brightness Adjustment:** In Always-on mode, use the brightness buttons (e.g., 40%, 60%, 80%, 100%) to set the desired light intensity.
- **Timing Function (D2D Mode):** In Dusk to Dawn mode, you can set the light to stay on for a specific duration after activation. Press the '2H', '4H', '6H', '8H', or '12H' buttons to set the timer. The light will turn off after the set time.
- **Slight Bright ON/OFF (D2D Mode):** After the timing function ends in D2D mode, you can choose for the light to either turn completely OFF or remain at 15% brightness (Slight Bright ON). Use the 'Slight Bright ON' or 'Slight Bright OFF' buttons to select this behavior.
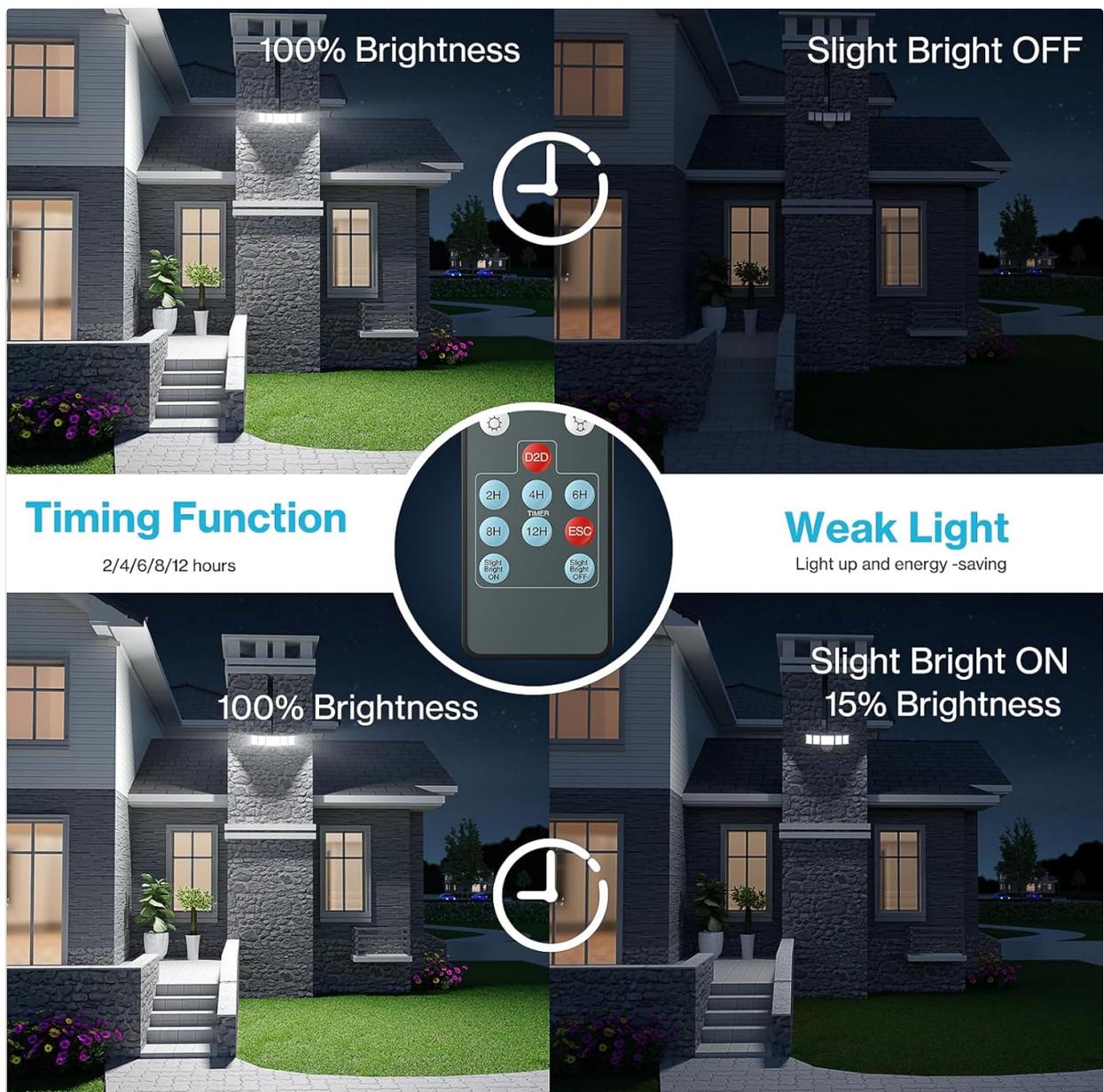
Image 6.2: Remote control functions for timing and brightness, including the 'Slight Bright' feature.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your flood light.

- **Cleaning:** Periodically clean the light fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or electrical components.
- **Inspection:** Annually inspect the wiring and mounting for any signs of wear, damage, or loose connections. Ensure the gaskets are intact to maintain IP65 waterproofing.
- **Photocell Sensor:** Keep the photocell sensor (small dome on the fixture) clear of dirt, debris, or obstructions to ensure proper Dusk to Dawn operation.

Image 7.1: The IP65 waterproof design ensures the light functions reliably in various weather conditions.

8. TROUBLESHOOTING

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.	No power, loose wiring, photocell obstructed, incorrect mode.	Check circuit breaker. Verify all wire connections are secure. Ensure photocell is clean and unobstructed. Switch to 'Always ON' mode or check ambient light for 'D2D' mode.
Remote control not working.	Remote battery low/dead, remote not pointed at light, interference.	Replace remote battery. Ensure remote is pointed directly at the light fixture. Remove any obstructions between remote and light.
Light flickers or dims unexpectedly.	Unstable power supply, loose connection, faulty component.	Check power supply stability. Re-check wiring connections. If problem persists, contact customer support.

| Dusk to Dawn mode not functioning correctly. | Photocell obstructed, ambient light too high. | Clean the photocell sensor. Ensure no other light sources are directly illuminating the sensor at night. |

9. WARRANTY AND SUPPORT

Olafus products are designed for quality and reliability. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Olafus website. Keep your purchase receipt as proof of purchase for warranty claims.