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UFOND FL-B1WA50

UFOND 5000 Lumens LED Flood Light User Manual

Model: FL-B1WA50

1. Introduction

Thank you for choosing the UFOND 5000 Lumens LED Flood Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new floodlight. Please read these instructions thoroughly before use and retain them for future reference.



Image 1.1: Two UFOND 5000 Lumens LED Flood Lights, showing the compact design and integrated power plug.

2. Product Overview and Features

The UFOND LED Flood Light is designed for outdoor use, providing bright and efficient illumination for areas such as garages, yards, and gardens. Key features include:

- **High Brightness:** 5000 Lumens output with 6500K cool white color temperature.
- **Adjustable Lighting Angle:** The lamp cap can be adjusted up to 180 degrees, offering a 120-degree beam angle.
- **Durable and Waterproof:** IP65 rated for protection against water and dust, featuring a transparent tempered glass and die-cast aluminum housing.
- **Efficient Heat Dissipation:** Aluminum alloy housing ensures effective heat management for prolonged lifespan.
- **Easy Installation:** Plug-in design for direct connection to a power supply.



Image 2.1: Product dimensions, showing approximate measurements of 7.1 inches length, 5.6 inches width, and 1.36 inches height.



Image 2.2: The aluminum alloy lamp housing with fins designed for efficient heat dissipation.

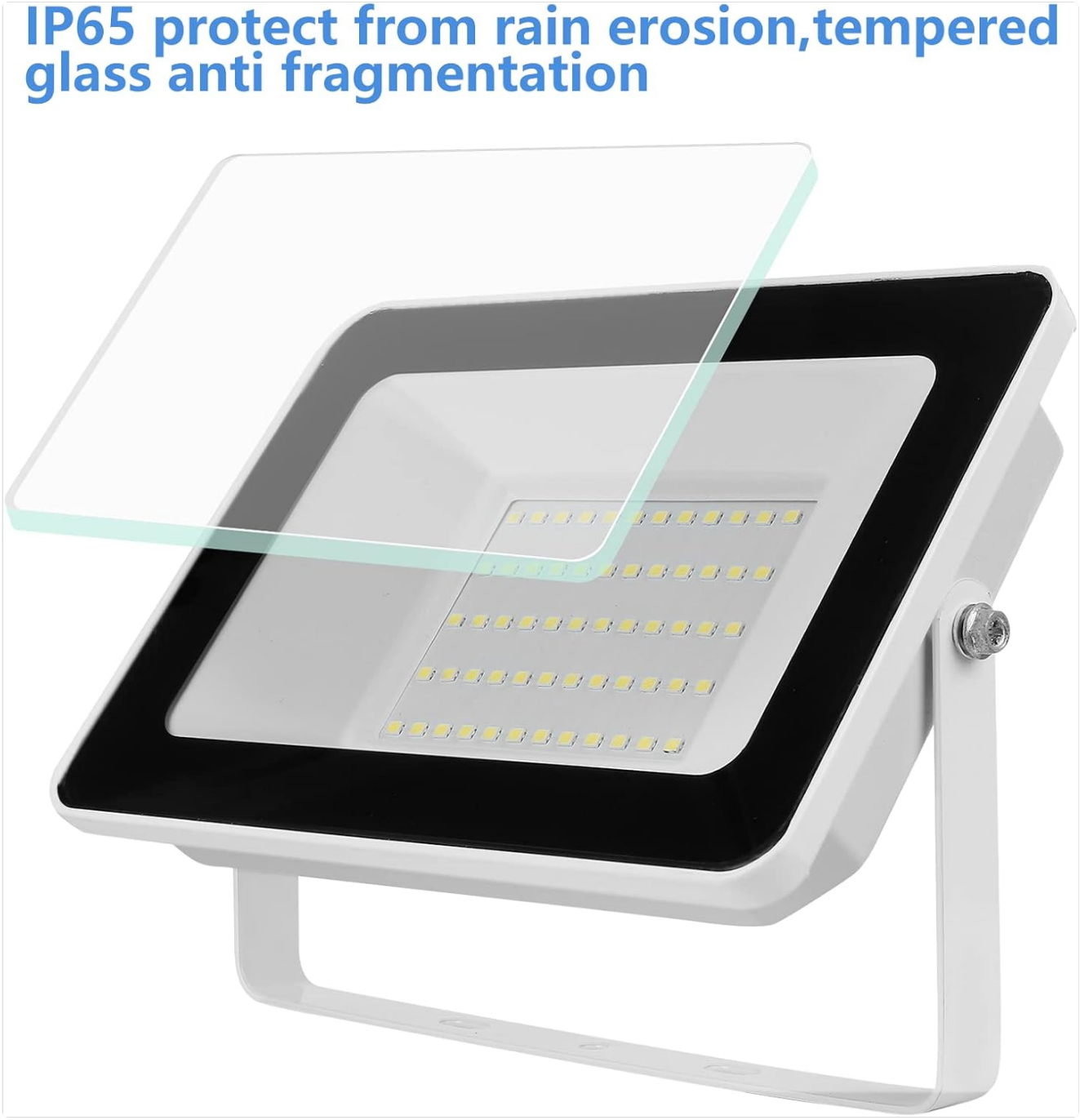


Image 2.3: Tempered glass cover providing protection against rain and fragmentation, highlighting the IP65 waterproof rating.

3. Safety Information

Please observe the following safety precautions to prevent injury or damage:

- Always disconnect power before installation, maintenance, or cleaning.
- Ensure the power source voltage matches the product's requirements (130V AC).
- This product is designed for outdoor use and is IP65 waterproof. However, avoid submerging it in water.
- Do not touch the light fixture immediately after operation, as it can become very hot. Allow sufficient time for cooling.
- Keep flammable materials away from the light fixture during operation.
- If you are unsure about any part of the installation process, consult a qualified electrician.
- Do not attempt to modify or disassemble the floodlight, as this will void the warranty and may pose safety risks.

4. Installation

The UFOND LED Flood Light is designed for wall-mount installation. Mounting hardware is included.

1. **Choose Location:** Select a suitable outdoor location for mounting, such as a wall in your garage, yard, or garden, ensuring it is within reach of a power outlet.
2. **Mark Drilling Points:** Use the mounting bracket as a template to mark the drilling points on the desired surface.
3. **Drill Holes:** Drill holes at the marked points. Insert wall anchors if necessary for your mounting surface.
4. **Mount Bracket:** Secure the mounting bracket to the surface using the provided screws.
5. **Attach Light Fixture:** Attach the floodlight fixture to the mounted bracket. Ensure it is securely fastened.
6. **Adjust Angle:** Loosen the screws on the side of the bracket to adjust the lighting angle up to 180 degrees. Tighten the screws once the desired angle is achieved.
7. **Connect Power:** Plug the power cord into a compatible 130V AC outdoor power outlet.



Image 4.1: An UFOND LED Flood Light mounted on an exterior wall, providing illumination for an outdoor living space.



Image 4.2: Illustration of the floodlight's wide beam angle and bright illumination covering a large area.

5. Operation

Operating the UFOND LED Flood Light is straightforward:

- **Power On/Off:** The floodlight operates by plugging it into a standard 130V AC outlet. It does not feature an integrated switch. To turn the light on or off, connect or disconnect it from the power source, or use an external switch connected to the outlet.
- **Adjusting Light Angle:** The mounting bracket allows for a 180-degree adjustment of the light head. Loosen the side screws on the bracket, position the light to your desired angle, and then securely tighten the screws.



Image 5.1: The floodlight providing bright illumination for a garage and driveway area at night.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your floodlight:

- **Cleaning:** Periodically clean the tempered glass surface with a soft, damp cloth to remove dirt and debris. Ensure the power is disconnected before cleaning. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the power cord, plug, and mounting bracket for any signs of wear, damage, or corrosion. If any damage is found, discontinue use and contact customer support.
- **Environmental Factors:** While IP65 rated, extreme weather conditions (e.g., heavy snow, ice buildup) may require additional attention to ensure the light remains clear and functional.

7. Troubleshooting

If you encounter issues with your UFOND LED Flood Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, faulty outlet.	Check if the plug is securely inserted. Test the outlet with another device. Check circuit breaker.
Light is dim or flickers.	Unstable power supply, internal component issue.	Ensure stable power. If problem persists, contact customer support.
Light gets excessively hot.	Normal operation (LEDs generate heat), insufficient airflow, improper installation.	Ensure adequate ventilation around the fixture. While some heat is normal, if it's concerning, ensure no flammable materials are nearby and contact support if it seems abnormal.
Water inside the fixture.	Seal damage, extreme weather conditions.	Disconnect power immediately. Do not use. Contact customer support for assistance.

If troubleshooting steps do not resolve the issue, please contact UFOND customer support.

8. Specifications

Feature	Detail
Brand	UFOND
Model Number	FL-B1WA50
Brightness	5000 Lumens
Wattage	50 Watts
Color Temperature	6500 Kelvin (Cool White)
Voltage	130 Volts (AC)
Water Resistance Level	IP65 Waterproof
Material	Aluminum, Glass
Product Dimensions	7.1"L x 5.63"W x 1.36"H
Item Weight	2.43 Pounds (per unit)
Light Source Type	LED
Installation Type	Wall Mount
Included Components	Mounting Hardware

9. Warranty and Support

UFOND is committed to providing high-quality products and customer satisfaction. While specific warranty terms are not detailed here, if you have any questions or concerns regarding your UFOND LED Flood Light, please do not hesitate to contact us.
We aim to respond to all inquiries within 24 hours and assist you in resolving any issues you may encounter. Your

satisfaction is our priority.
For support, please refer to the contact information provided with your purchase or visit the official UFOND website.

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