

## LEPOWER ZSTGD-50W

# LEPOWER ZSTGD-50W LED Flood Light Instruction Manual

Model: ZSTGD-50W

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your LEPOWER ZSTGD-50W LED Flood Light. Please read these instructions thoroughly before installation and operation, and retain them for future reference.

## 2. SAFETY INFORMATION

To ensure safe operation, always adhere to the following guidelines:

- **Electrical Safety:** Ensure the power supply is disconnected before installation or maintenance. All electrical connections must comply with local codes and regulations.
- **Proper Grounding:** The fixture must be properly grounded to prevent electrical shock.
- **Voltage Compatibility:** Verify that the supply voltage matches the fixture's requirements (110 Volts).
- **Installation Environment:** This product is designed for outdoor use with an IP66 waterproof rating. However, avoid submerging the unit in water.
- **Heat Dissipation:** Do not cover the heat sink fins. Ensure adequate airflow around the fixture to prevent overheating.
- **Eye Protection:** Do not stare directly into the LED light source when illuminated, as it can cause eye strain or damage.
- **Damage Inspection:** Before use, inspect the product for any damage. Do not operate if the power cord, plug, or fixture is damaged.

## 3. PACKAGE CONTENTS

The LEPOWER ZSTGD-50W LED Flood Light package includes:

- 2 x LEPOWER ZSTGD-50W LED Flood Lights



Image: Two LEPOWER ZSTGD-50W LED Flood Lights, showcasing the product design and quantity included in the package.

## 4. PRODUCT FEATURES

The LEPOWER ZSTGD-50W LED Flood Light is designed for efficient and durable outdoor illumination.

- **High Brightness:** Provides 5000 lumens of bright white light.
- **Wide Beam Angle:** Features a 120-degree beam angle for broad coverage.
- **Durable Construction:** Made with an aluminum shade material and a robust design.
- **Waterproof Rating:** IP66 rated, ensuring protection against dust and powerful water jets.
- **Efficient Heat Dissipation:** Equipped with specially designed heat sink fins to manage temperature and prolong LED lifespan.
- **Plug-in Design:** Features a corded electric power source with a push-button switch for easy operation.

- **Super Bright**  
Up to **4500 Lumens**



Image: The LEPOWER LED Flood Light illuminating a wide area, demonstrating its 120-degree beam angle and high brightness.

## Scale-like Reflector - Reflecting more light and save the energy

With new PVD craft , the surface of reflector was made like scaly structure , efficiently gather the light and enhance the reflectivity.

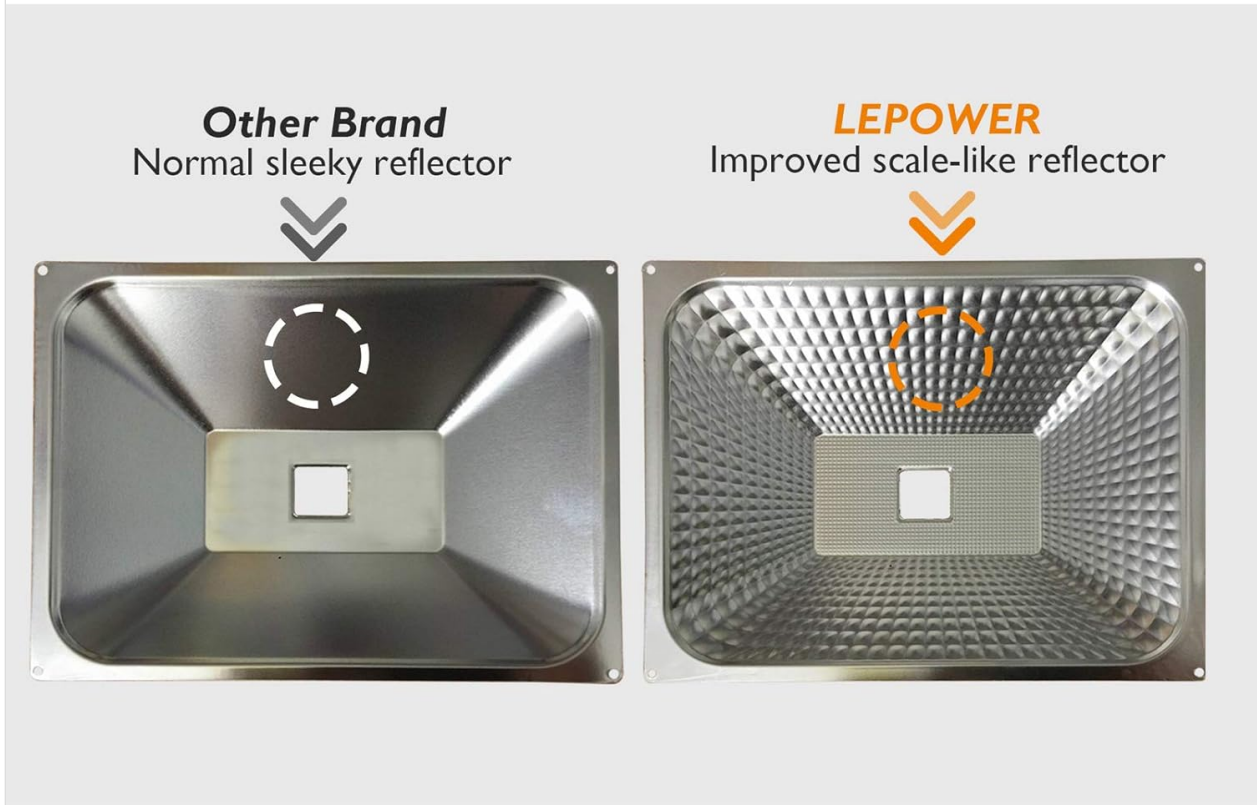


Image: A comparison illustrating the improved scale-like reflector design of the LEPOWER flood light, which enhances light reflection and energy efficiency compared to a normal sleek reflector.



# IP66 Waterproof Rating

Image: The LEPOWER LED Flood Light shown under a spray of water, highlighting its IP66 waterproof rating for reliable outdoor performance.



- **Special made heat sink fins** help extract more heat away

Image: A detailed view of the specialized heat sink fins on the back of the LEPOWER LED Flood Light, designed to efficiently dissipate heat.

## 5. SETUP AND INSTALLATION

The LEPOWER ZSTGD-50W LED Flood Light is designed for straightforward installation. It can be surface mounted or flush mounted.

### 5.1 Mounting the Fixture

1. **Choose Location:** Select a suitable outdoor location for mounting, ensuring it can support the weight of the fixture and has access to a power outlet.
2. **Adjust Bracket:** The fixture comes with an adjustable mounting bracket. Loosen the side nuts (a 5mm hex head might be needed for the first adjustment) to position the light at the desired angle. Once adjusted, tighten the nuts securely.
3. **Secure Mounting:** Use appropriate screws and anchors (not included) to securely fasten the mounting bracket to the chosen surface. Ensure the mounting is stable and can withstand environmental conditions.

## 5.2 Electrical Connection

1. **Power Cord:** The flood light is equipped with a power cord and a US-style plug (Plug Format: A- US style).
2. **Connect to Power:** Plug the power cord into a compatible 110-volt outdoor-rated electrical outlet. Ensure the outlet is protected from direct water exposure.
3. **Cable Entry:** The cable entry point on the fixture is washer-sealed to ensure 100% anti-creeping and waterproof integrity.



Image: The rear of the LEPOWER LED Flood Light, detailing the washer-sealed cable entry for waterproof protection and the attached power plug.

Your browser does not support the video tag.

Video: An official product video from LEPOWER demonstrating the LED Flood Light in various outdoor settings, highlighting its ease of use and bright illumination for homes and garages. This video illustrates potential installation scenarios and the light's performance.

## 6. OPERATING INSTRUCTIONS

The LEPOWER ZSTGD-50W LED Flood Light features a simple operation:

1. **Power On/Off:** Use the push-button switch located on the power cord to turn the light on or off.

2. **Adjust Angle:** If needed, adjust the light angle by loosening the side nuts on the mounting bracket, repositioning the fixture, and then tightening the nuts.

## 7. MAINTENANCE

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

- **Cleaning:** Periodically clean the glass front and the aluminum housing with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the power is disconnected before cleaning.
- **Inspection:** Regularly check the power cord and plug for any signs of wear or damage. Inspect mounting hardware for tightness.
- **Waterproof Integrity:** The IP66 rating protects against dust and water jets. Do not attempt to open the sealed unit, as this will compromise its waterproof integrity and void the warranty.

## 8. TROUBLESHOOTING

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If you encounter issues with your LEPOWER ZSTGD-50W LED Flood Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply Faulty outlet Damaged power cord/switch	Check if the power plug is securely inserted and the outlet is functional. Test the outlet with another device. Inspect the power cord and switch for visible damage. If damaged, discontinue use and contact support.
Light flickers or dims	Unstable power supply Internal component issue	Ensure the power supply is stable. If flickering or dimming persists, discontinue use and contact customer support.
Light output is weak	Dirty lens Incorrect placement	Clean the glass front of the fixture. Ensure the light is positioned optimally for the desired illumination area.

## 9. SPECIFICATIONS

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Detailed technical specifications for the LEPOWER ZSTGD-50W LED Flood Light:

Specification	Detail
Brand	LEPOWER
Model Number	ZSTGD-50W

Specification	Detail
Wattage	50 watts
Brightness	5000 Lumens
Voltage	110 Volts
Light Color	White
Light Source Type	LED
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	Waterproof (IP66)
Material	Aluminum (Shade), Plastic (Housing)
Product Dimensions	11.14"L x 2.36"W x 8.66"H
Item Weight	5.79 pounds (for 2 pack)
Power Source	Corded Electric
Control Method	Push Button (on cord)
Installation Type	Surface Mount, Flush Mount
UPC	840404124748

## 10. WARRANTY AND SUPPORT

LEPOWER is committed to providing quality products and customer satisfaction. While specific warranty duration details are not provided in this manual, LEPOWER generally offers support for product issues. Customers have reported positive experiences with replacements for faulty units.

For any questions, technical assistance, or warranty claims, please contact LEPOWER customer support through the retailer where the product was purchased or visit the official LEPOWER website for contact information.