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GLORIOUS-LITE ZSTGD-50W

GLORIOUS-LITE LED Flood Light User Manual

Model: ZSTGD-50W

1. Introduction

Thank you for choosing the GLORIOUS-LITE LED Flood Light. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new flood light. Please read this manual thoroughly before installation and retain it for future reference.
The GLORIOUS-LITE LED Flood Light is designed for outdoor use, providing bright, energy-efficient illumination for various applications such as garages, yards, gardens, and playgrounds. Its robust construction ensures durability and weather resistance.

2. Safety Instructions

WARNING: To prevent electric shock, fire, or injury, always turn off the power at the circuit breaker or fuse box before installation or servicing.

- Ensure the power supply is disconnected before handling the light.
- This product is designed for outdoor use and has an IP66 waterproof rating. However, ensure the plug and switch are protected from direct water exposure as they are not waterproof.
- Do not look directly into the LED light when it is illuminated, as it can cause eye strain or damage.
- Ensure the mounting surface is stable and can support the weight of the fixture.
- Use only UL-certified plugs and FCC-qualified components for safety.
- Keep away from flammable materials.
- Do not attempt to disassemble or modify the light fixture. Refer all servicing to qualified personnel.
- Operating temperature range: Consult product specifications for details.

3. Package Contents

Verify that all components are present and undamaged before proceeding with installation.

- GLORIOUS-LITE LED Flood Light (2 units for 2-pack models)
- Adjustable Mounting Bracket (pre-attached)
- Power Cord with On/Off Switch and UL-certified Plug (4.92 ft)

- User Manual (this document)



Figure 3.1: Contents of the GLORIOUS-LITE LED Flood Light package.

4. Specifications

Feature	Specification
Model	ZSTGD-50W
Wattage	50W
Brightness	10000 LM
Color Temperature	6000K Daylight White
Beam Angle	120°
Coverage Area	Up to 1150 sq ft
Waterproof Rating	IP66

Material	Die-cast Aluminum Housing, Glass
Power Source	AC (120 Volts)
Power Cord Length	4.92 ft
Dimensions	8"L x 3"W x 8"H
Weight	1.65 pounds
Certifications	FCC-qualified, UL-certified plug



Figure 4.1: Product dimensions and power cord details.

5. Setup and Installation

The GLORIOUS-LITE LED Flood Light is designed for easy installation. It can be mounted on a wall, ceiling, or placed on a bracket or the ground.

5.1 Mounting Options

The integrated 180° adjustable bracket allows for flexible positioning to direct light where needed.

- **Wall Mount:** Secure the bracket to a sturdy wall using appropriate screws (not included). Adjust the light angle as desired.
- **Ceiling Mount:** Attach the bracket to a ceiling or overhang, ensuring it is securely fastened.
- **Ground Placement:** The light can be placed directly on the ground or a stable surface, using the bracket as a stand.



Figure 5.1: Various installation methods for the flood light.

5.2 Electrical Connection

The flood light comes with a 4.92 ft power cord and a standard US-style plug. Simply plug it into a compatible 120V AC power socket.

- Ensure the power outlet is easily accessible and protected from moisture.
- The power cord includes an integrated on/off switch for convenient operation.

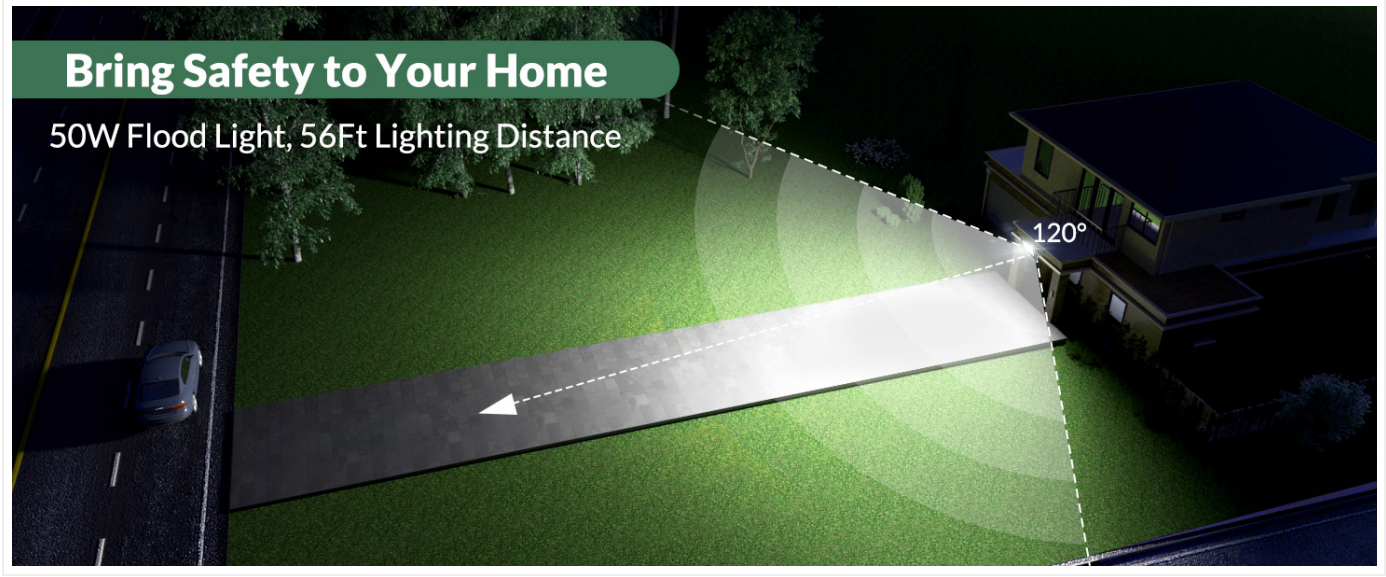


Figure 5.2: Power cord with switch and plug.

6. Operating Instructions

Operating the GLORIOUS-LITE LED Flood Light is straightforward:

1. **Connect Power:** Plug the light's power cord into a suitable 120V AC outlet.
2. **Turn On/Off:** Use the switch located on the power cord to turn the light on or off.
3. **Adjust Angle:** Loosen the screws on the side of the mounting bracket, adjust the light to the desired angle (up to 180°), and then tighten the screws to secure it.

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Video 6.1: Official product video demonstrating the GLORIOUS-LITE LED Flood Light in various settings and its features.

The flood light provides a wide 120° beam angle, ensuring soft and even illumination across a large area, effectively reducing glare.



Figure 6.1: Illustration of the wide 120° beam angle.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your flood light:

- **Cleaning:** Disconnect power before cleaning. Wipe the light's surface with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the power cord, plug, and mounting bracket for any signs of wear, damage, or corrosion.
- **Heat Dissipation:** The light features a die-cast aluminum housing with a long fin radiator for efficient heat dissipation. Ensure the fins are not obstructed to maintain proper cooling.



Figure 7.1: Rear view showing the heat dissipation fins.

8. Troubleshooting

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

Problem	Possible Cause	Solution

Light does not turn on.	No power supply, loose connection, faulty switch.	Check power outlet, ensure plug is fully inserted, verify switch is in "ON" position. Check circuit breaker.
Light flickers.	Unstable power supply, loose wiring, incompatible dimmer (this light is not dimmable).	Ensure stable power. Check connections. Do not use with a dimmer switch.
Reduced brightness.	Dirt or debris on the lens, overheating.	Clean the lens. Ensure proper ventilation around the heat sink.
Water ingress.	Improper installation, damaged seal.	Ensure proper sealing during installation. If damage is suspected, contact customer support. Note: Plug and switch are not waterproof.

If the problem persists after trying these solutions, please contact GLORIOUS-LITE customer support.

9. Warranty and Support

GLORIOUS-LITE provides an 18-month warranty for this product, covering manufacturing defects and malfunctions under normal use. Please retain your purchase receipt as proof of purchase.
For warranty claims, technical support, or any questions regarding your GLORIOUS-LITE LED Flood Light, please contact our customer support team through the Amazon platform by clicking "ask a question" in the GL Lighting store page.
Note: The warranty does not cover damage caused by improper installation, misuse, accidents, modifications, or natural disasters.

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