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› USTELLAR 80W IP66 LED Flood Light User Manual

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INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your USTELLAR 80W IP66 LED Flood Light. Please read this manual thoroughly before installation and retain it for future reference.

SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- Ensure the power supply is disconnected before installation or maintenance.
- Installation should be performed by a qualified electrician or in accordance with local electrical codes.
- Do not operate the light if the housing or cord is damaged.
- This product is rated IP66 for outdoor use, providing protection against dust and powerful water jets. However, avoid submerging the unit.
- Do not stare directly into the LED light source when illuminated.

PACKAGE CONTENTS

- 2 x USTELLAR 80W LED Flood Light units
- Mounting brackets (pre-attached)
- User Manual

PRODUCT OVERVIEW

The USTELLAR 80W LED Flood Light is designed for outdoor illumination, featuring a durable aluminum housing and tempered glass. Its IP66 rating ensures resilience against environmental elements.



Image: Two USTELLAR 80W LED Flood Lights, showcasing their design and compact form factor.

100% IP66 Waterproof



Image: Close-up of the USTELLAR 80W LED Flood Light with water droplets, illustrating its IP66 waterproof capability.



Image: Technical drawing showing the dimensions (9.84"L x 1.85"W x 6.69"H) and a basic wiring diagram (Live, Earth, Neutral wires) for the flood light.



Advanced Heatsink



UL Listed Cord

Wire Length: 12in

(This product does not contain a plug)

Image: Rear view of the flood light highlighting the fin-type heatsink design for efficient heat dissipation and a UL Listed cord.

SETUP AND INSTALLATION

The USTELLAR 80W LED Flood Light is designed for wall mount or ground up installation. Ensure the mounting surface is sturdy enough to support the light's weight.

1. **Prepare for Installation:** Disconnect power at the circuit breaker before beginning installation. Gather necessary tools (screwdriver, wire strippers, drill, mounting hardware if not included).
2. **Mounting the Light:** Use the pre-attached mounting bracket to secure the flood light to your desired surface. Mark and drill pilot holes, then fasten the bracket securely with appropriate screws. The bracket allows for 180-degree adjustment of the light angle.
3. **Wiring Connections:** The flood light comes with a 12-inch UL Listed cord with three wires:
 - **Live Wire:** Typically brown or black. Connect to the live (hot) wire from your power supply.
 - **Neutral Wire:** Typically blue or white. Connect to the neutral wire from your power supply.
 - **Earth Wire:** Typically green/yellow. Connect to the ground wire from your power supply.

Ensure all connections are secure and insulated with waterproof connectors suitable for outdoor use.

4. **Adjusting the Angle:** Once mounted and wired, loosen the screws on the side of the mounting bracket to adjust the light to the desired angle. Tighten the screws firmly to secure the position.

5. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.

OPERATING INSTRUCTIONS

The USTELLAR 80W LED Flood Light operates via a standard electrical switch. Once properly installed and powered, simply use the connected push-button switch to turn the light ON or OFF.

- **Power On/Off:** Toggle the wall switch connected to the flood light to control its illumination.
- **Light Output:** The light provides 8000 lumens of 5000K Daylight White light.

MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your USTELLAR LED Flood Light.

- **Cleaning:** Periodically clean the tempered glass surface with a soft, damp cloth to remove dirt and debris that may obstruct light output. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the wiring and mounting hardware for any signs of wear, corrosion, or loosening. Tighten any loose screws and replace damaged components as needed.
- **Environmental Factors:** While IP66 rated, extreme weather conditions (e.g., heavy snow accumulation, prolonged direct exposure to saltwater spray) may require more frequent inspection.

TROUBLESHOOTING

If you encounter issues with your USTELLAR 80W LED Flood Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Loose wiring; Faulty switch; Damaged light unit.	Check circuit breaker; Verify all wire connections are secure; Test the switch; Contact customer support if unit is damaged.
Light is dim or flickering	Inconsistent power supply; Loose wiring; Overheating; Unit nearing end of life.	Ensure stable power; Check wiring connections; Ensure proper ventilation around the heatsink; Consider replacement if unit is old.
Water inside the light housing	Improper sealing; Damage to housing or glass.	Immediately disconnect power. If under warranty, contact customer support. Do not attempt to repair if not qualified.

SPECIFICATIONS

Feature	Detail
Brand	USTELLAR
Model	80W LED Flood Light
Wattage	80 watts

Feature	Detail
Brightness	8000 Lumens
Color Temperature	5000 Kelvin (Daylight White)
Voltage	120 Volts
Water Resistance Level	IP66 (Waterproof)
Material	Heavy Duty Aluminum Housing, Tempered Glass
Product Dimensions	9.84"L x 1.85"W x 6.69"H
Item Weight	5.71 pounds
Installation Type	Wall Mount, Ground Up
Light Source Type	LED
Control Method	Push Button (via connected switch)

PRODUCT VIDEOS

No official seller-created product videos are available for embedding in this manual.

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your USTELLAR 80W LED Flood Light, please refer to the official USTELLAR website or contact their customer service directly. Keep your purchase receipt for warranty claims.