YELLORE NG-FL-300W-508-BAEH

YELLORE 300W LED Flood Light Fixture (Model NG-FL-300W-508-BAEH) Instruction Manual

Comprehensive guide for installation, operation, and maintenance.

1. Introduction

This manual provides detailed instructions for the safe and efficient installation, operation, and maintenance of your YELLORE 300W LED Flood Light Fixture. Designed for robust outdoor and commercial applications, this fixture delivers high-intensity illumination with energy efficiency and durability. Please read this manual thoroughly before installation and use.



Figure 1: YELLORE 300W LED Flood Light Fixture, front view showing the LED array and IP65 rating.

2. Safety Information

WARNING: To prevent electric shock, fire, or injury, always follow basic safety precautions when installing, operating, and maintaining this product. Installation should be performed by a qualified electrician in accordance with all applicable national and local electrical codes.

- Disconnect power at the circuit breaker before installation or servicing.
- Ensure the supply voltage is compatible with the fixture's requirements (AC100-277V).
- Do not operate the fixture with damaged wiring or components.
- Avoid direct eye exposure to the light source when illuminated.
- Ensure proper grounding to prevent electrical hazards.
- Do not modify the fixture in any way; doing so will void the warranty and may create safety risks.

3. What's in the Box

Verify that all components are present and undamaged upon unpacking:

- YELLORE 300W LED Flood Light Fixture
- Mounting Hardware
- Installation Guide (this manual)

4. Specifications

Feature	Detail
Brand	YELLORE
Model Number	NG-FL-300W-508-BAEH
Wattage	300 watts
Lumen Output	36000 Lumens
Color Temperature	5000K Daylight
Voltage	AC100-277V
Material	Aluminum
Ingress Protection (IP) Rating	IP65 (Waterproof)
Certifications	ETL Listed, DLC Listed
Lifespan	50,000+ hours
Adjustable Angle	180° (Yoke Mount)
Item Weight	18.57 pounds
Package Dimensions	25.31 x 18.5 x 5.31 inches

5. Setup and Installation

The YELLORE 300W LED Flood Light Fixture is designed for versatile mounting. Ensure the mounting surface is capable of supporting the fixture's weight and that all electrical connections are secure and compliant with local codes.

5.1 Mounting Options

The fixture includes an adjustable yoke mount that allows for installation on ceilings, walls, ground, or poles. The bracket can be rotated 180 degrees to direct light as needed.

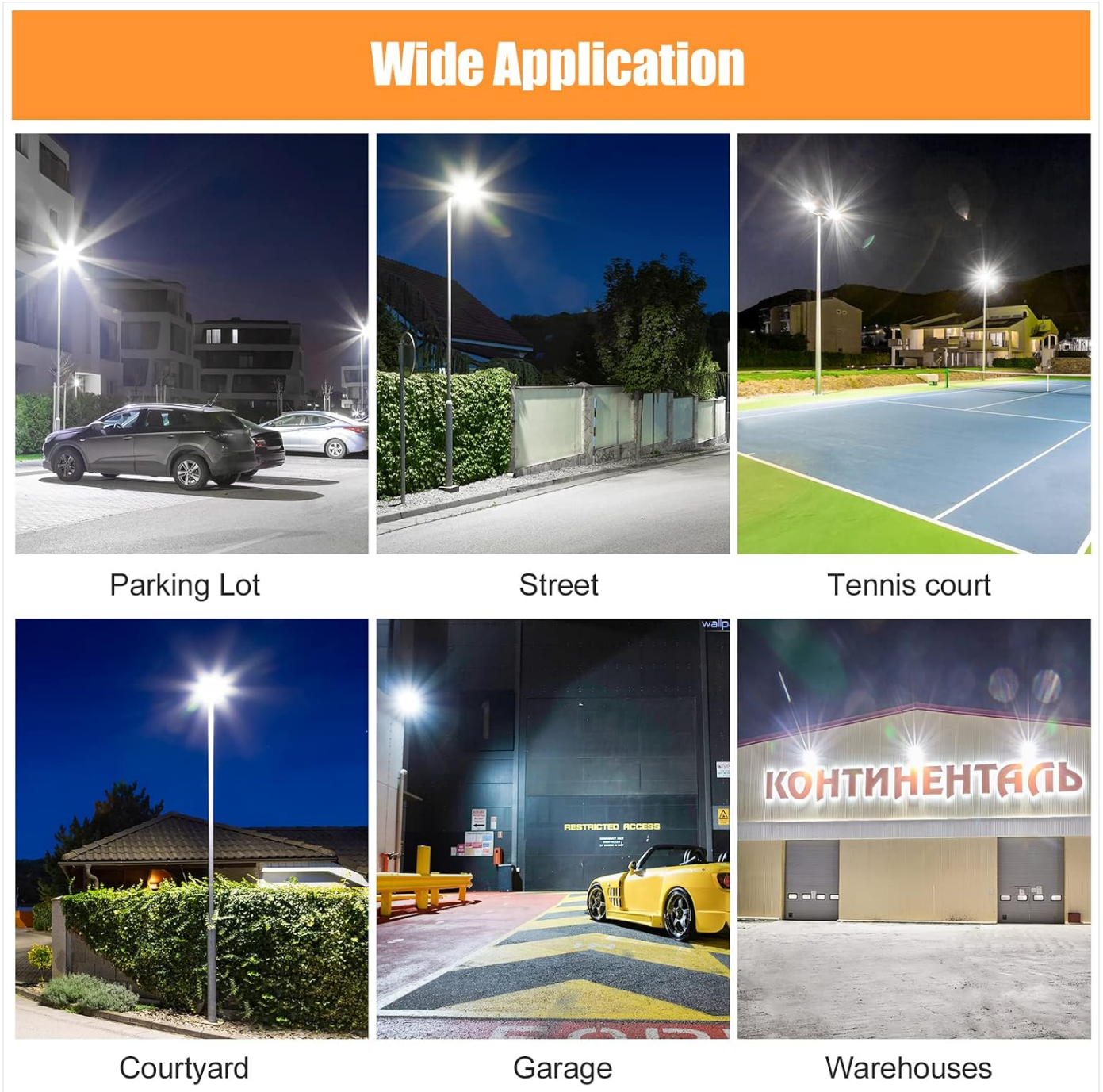


Figure 2: The adjustable yoke mount allows for 180-degree rotation for flexible light direction.



Figure 3: Examples of the flood light installed in a parking lot, street, tennis court, courtyard, garage, and warehouse, demonstrating its wide application.

5.2 Wiring Instructions

The fixture comes with a pre-wired cord. Connect the wires according to standard electrical practices:

- **Black Wire:** Live (L)
- **White Wire:** Neutral (N)
- **Green/Yellow Wire:** Ground (GND)

Ensure all connections are insulated and protected from moisture. This fixture includes built-in surge protection for added durability against electrical fluctuations.

5.3 Product Overview Video

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Video 1: This video demonstrates the physical characteristics of the YELLORE 300W LED Flood Light, including its robust construction, IP65 waterproof rating, and the adjustable mounting bracket. It highlights the quality of the glass and aluminum components, and the ETL/DLC certifications, providing a visual overview of the product before installation.

6. Operating Instructions

Once properly installed and wired, the YELLORE 300W LED Flood Light Fixture operates by simply supplying power to the circuit. There are no external controls on the fixture itself. For automated operation, consider integrating with external timers or photocell sensors (not included).



Figure 4: The flood light is shown under simulated rain, illustrating its IP65 waterproof and weather-resistant features, including heat, frost, and 6KV surge protection.

7. Maintenance

The YELLORE 300W LED Flood Light Fixture is designed for minimal maintenance. Regular cleaning and inspection will ensure optimal performance and longevity.

- **Cleaning:** Periodically clean the lens and housing with a soft, damp cloth to remove dirt, dust, and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the mounting hardware and wiring for any signs of wear, corrosion, or damage. Tighten any loose connections.
- **Heat Dissipation:** Ensure the heat sink fins on the back of the fixture are free from obstructions to allow for proper airflow and heat dissipation.

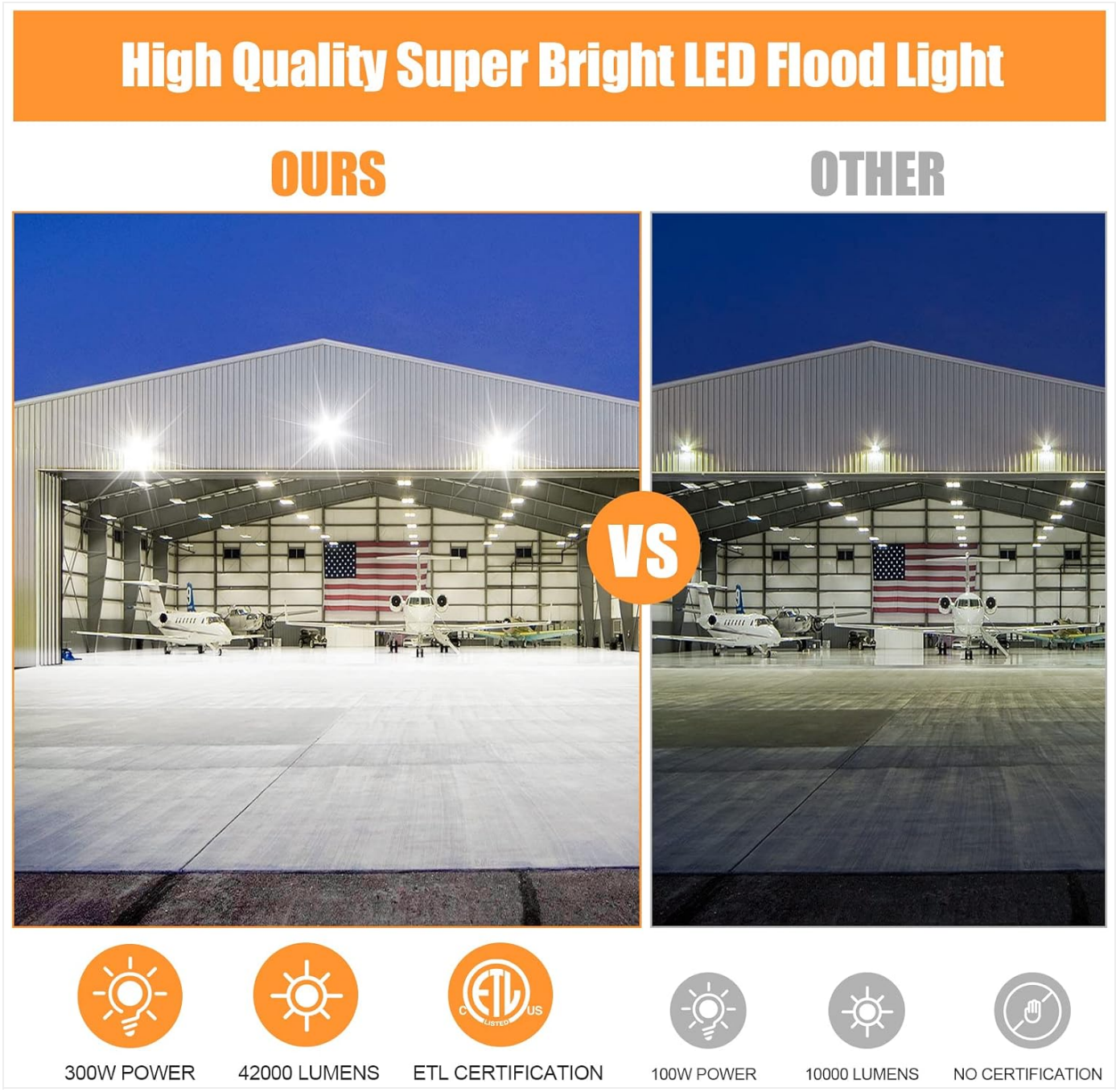


Figure 5: This image highlights the heavy-duty die-cast aluminum heat sink design, which ensures efficient heat dissipation and contributes to the fixture's long lifespan and stable operation.

8. Troubleshooting

If you experience issues with your flood light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on	No power supply, loose wiring, faulty circuit breaker.	Check power source, verify wiring connections, reset circuit breaker. Consult a qualified electrician if issues persist.
Light flickers	Unstable power supply, loose connection, incompatible dimmer (if applicable).	Ensure stable power. Check all wiring connections. This fixture is not designed for dimming unless specified.
Reduced brightness	Dirt/debris on lens, extreme operating temperatures.	Clean the lens. Ensure proper ventilation around the fixture.

If troubleshooting steps do not resolve the issue, contact YELLORE customer service for assistance.

9. Warranty and Support

Your YELLORE 300W LED Flood Light Fixture is covered by a**5-year warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.
For technical support, warranty claims, or any questions regarding your product, please contact YELLORE customer service. Refer to the product packaging or the YELLORE brand store on Amazon for contact details.

9.1 YELLORE Company Overview

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Video 2: This video provides an overview of the YELLORE company, showcasing their manufacturing process, quality control measures, and commitment to producing high-quality LED lighting products. It highlights the rigorous testing and production standards that ensure product reliability and performance.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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