

YELLORE NG-UFO-400W

YELLORE 400W LED High Bay Light Instruction Manual

Model: NG-UFO-400W

INTRODUCTION

This manual provides detailed instructions for the safe and efficient installation, operation, and maintenance of your YELLORE 400W LED High Bay Light. Please read this manual thoroughly before installation and keep it for future reference.

Key Features

- **Dimmable & Bright:** Features 0-10V seamless dimming, 100-277V input, 56000 lumens output (140LM/W), 5000K daylight color temperature, advanced SMD 3030 chips, and a Color Rendering Index (Ra) of ≥ 80 .
- **Industrial Grade Material:** IP65 waterproof and 6KV surge protection. Equipped with safety ropes for double protection. Rated for over 50,000 hours of life. Constructed with a die-cast aluminum housing for excellent thermal conductivity and heat dissipation. Operating ambient temperature: -40°C to 40°C.
- **Easy Installation:** Suitable for mounting heights of 20-25 feet with a 120-degree beam angle. Includes a hanging hook, steel safety rope, and a 6-foot power cord for convenient mounting.
- **Wide Application:** Commercial grade design suitable for both dry and wet environments, including garages, barns, utility rooms, warehouses, stores, basements, high bay factories, logistic centers, exhibition halls, stadiums, mines, toll booths, supermarkets, parking lots, gyms, and laundries.

WHAT'S IN THE BOX

- YELLORE 400W LED High Bay Light
- Hanging Hook
- Steel Safety Rope
- Instruction Manual

SETUP AND INSTALLATION

Follow these steps for proper installation of your YELLORE 400W LED High Bay Light. Ensure power is disconnected before beginning installation.

1. **Prepare for Installation:** Ensure the mounting surface is capable of supporting the weight of the fixture. The light is designed for mounting heights between 20-25 feet.
2. **Attach Hanging Hook:** Securely screw the provided hanging hook into the top of the UFO high bay light.
3. **Hang the Light:** Use the hanging hook to suspend the light from a suitable ceiling structure or chain.
4. **Fix Safety Rope:** Attach the steel safety rope from the light fixture to a separate, secure point on the ceiling structure. This provides additional security.
5. **Connect Power Cord:** Connect the 6-foot power cord to your electrical supply. The wiring is as follows: White wire (N) for Neutral, Black wire (L) for Live, Green wire for Ground.
6. **Connect Dimmer Wires (Optional):** If using the dimming function, connect the Dim- and Dim+ wires to a compatible 0-10V DC dimming switch (not included).



Figure 1: Easy installation guide showing dimensions, included accessories, and wiring connections.



Figure 2: Visual guide for hanging, securing, and wiring the high bay light.

Recommended Installation Height

- 120° Beam Angel
- 140LM/W High Efficiency
- Saving 90% Electric Bill
- Long Lifespan>50,000 Hours
- Light Decay<5%
- CRI>80



Figure 3: Recommended installation height and lighting area for different wattage models.

Installation Video

Video 1: Overview of the YELLORE UFO LED High Bay Light and its features, including installation considerations.

Video 2: Real-world application and demonstration of the YELLORE UFO LED High Bay Light.

OPERATING INSTRUCTIONS

Once installed, the YELLORE 400W LED High Bay Light operates by connecting to a standard AC power source (100-277V).

Dimming Function

The light features a 0-10V seamless dimming function. To utilize this, connect the dedicated Dim- and Dim+ wires from the fixture to a compatible 0-10V DC dimming switch. This allows for brightness adjustment from 0% to 100% to suit your lighting needs.



Figure 4: Illustration of the 0-10V smooth dimming capability.

MAINTENANCE

The YELLORE 400W LED High Bay Light is designed for low maintenance and durability.

- **Cleaning:** Periodically clean the exterior of the fixture with a soft, damp cloth to remove dust and debris. Ensure the power is off before cleaning. Do not use harsh chemicals or abrasive cleaners.
- **Waterproof Design:** The IP65 waterproof rating ensures protection against dust and water jets, making it suitable for wet environments. However, avoid submerging the fixture in water.
- **Heat Dissipation:** The die-cast aluminum housing is designed for efficient heat dissipation. Ensure

adequate airflow around the fixture to maintain optimal performance and lifespan.



Figure 5: Internal components and features highlighting IP65 waterproof and heat dissipation.

TROUBLESHOOTING

If you encounter issues with your YELLORE 400W LED High Bay Light, refer to the following common problems and solutions:

- **Light Not Turning On:**

- Check the power supply to ensure it is connected and active.
- Verify all wiring connections are secure and correct (Live, Neutral, Ground).
- If using a dimmer, ensure it is compatible and correctly wired. Try bypassing the dimmer to test the light directly.

- **Flickering or Inconsistent Light:**

- Ensure the power supply voltage is within the specified range (100-277V).
- Check for loose wiring connections.
- If using a dimmer, ensure it is a 0-10V DC compatible dimmer and functioning correctly.

- **Reduced Brightness:**

- If a dimmer is installed, check its setting.
- Ensure the lens is clean and free from dust or obstructions.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact YELLORE customer support.

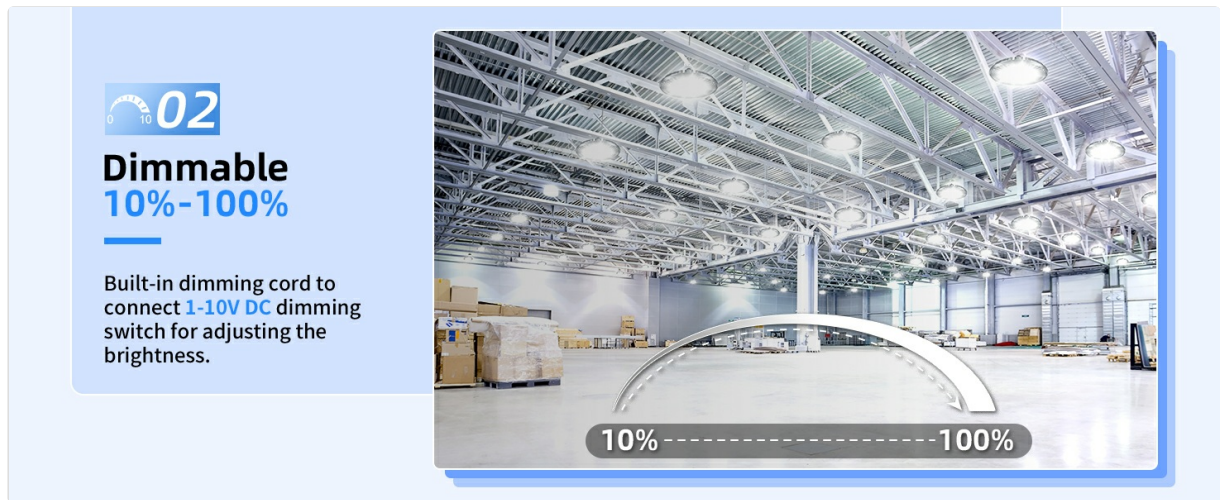


Figure 6: The light is designed to operate without flicker or noise.

SPECIFICATIONS

Feature	Specification
Brand	YELLORE
Model Number	NG-UFO-400W
Wattage	400 Watts
Brightness	56000 Lumens
Light Output Maximum	56000 Lumens
Efficacy	140 LM/W
Color Temperature	5000 Kelvin (Daylight)
Voltage	100-277V AC
Dimmable	Yes (0-10V)
Water Resistance Level	IP65 Waterproof
Surge Protection	6KV
Material	Aluminum
Product Dimensions	15.7"L x 15.7"W x 7.08"H
Item Weight	14.82 pounds
Beam Angle	120 Degrees

Certifications	ETL, DLC
Operating Temperature	-40°C to 40°C

WARRANTY AND SUPPORT

The YELLORE 400W LED High Bay Light comes with a **5-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact YELLORE customer service. Please have your model number (NG-UFO-400W) and proof of purchase available when contacting support.