

## Lightdot LUFO-15

# Lightdot 250W UFO LED High Bay Lights Instruction Manual (Model LUFO-15)

Comprehensive guide for installation, operation, and maintenance of your Lightdot LED High Bay Lights.

## 1. INTRODUCTION

Thank you for choosing Lightdot 250W UFO LED High Bay Lights. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new lighting system. Please read this manual thoroughly before installation and retain it for future reference.

These 250W LED high bay lights are designed for commercial and industrial applications, offering 37500 lumens of super bright 5000K daylight illumination while being energy efficient. They are suitable for various environments such as warehouses, workshops, exhibition halls, and logistics centers.

## 2. SAFETY INFORMATION

**WARNING:** To prevent electric shock, fire, or injury, always follow these safety precautions:

- Disconnect power before installation or servicing.
- Installation should be performed by a qualified electrician in accordance with national and local electrical codes.
- Ensure the supply voltage is compatible with the fixture (AC100-277V).
- Do not handle live wires with wet hands.
- Do not look directly into the LED light source when it is illuminated.
- Ensure the fixture is securely mounted to prevent falling. Use the provided safety rope.
- Do not modify the fixture or its components.
- Operating temperature range: -20°C to +45°C. Environment humidity: 40-90%RH.

### 3. WHAT'S IN THE BOX

Each package contains the following items:

- LED High Bay Light (Quantity as per pack size, e.g., 8-Pack)
- US Hook for installation
- Safety Cable
- 3.3ft Extension Cord with US 3-PIN Plug



Image: Contents of an 8-pack of Lightdot 250W UFO LED High Bay Lights, showing the fixtures, hooks, and power cords.

### 4. INSTALLATION INSTRUCTIONS

The Lightdot UFO LED High Bay Light is designed for easy installation with a US hook and plug-and-play functionality. Recommended installation height is between 20-50 feet.

#### 4.1 Mounting the Fixture

1. **Prepare the Mounting Location:** Ensure the mounting surface is structurally sound and can support the weight of the fixture.
2. **Install the US Hook:** Securely attach the provided US hook to the ceiling or a suitable mounting point. Ensure it is firmly fastened.
3. **Attach the Safety Cable:** Before hanging the light, attach the safety cable to the fixture and a separate secure point on the ceiling. This provides an additional layer of security against accidental falls.
4. **Hang the Fixture:** Carefully hang the LED high bay light onto the installed US hook.

**Super Bright** Equivaient to 1000W HPS/MH lamp  
**Energy Saving** Up to 85% on electricity bill



**250W LED High Bay**

**1000W HPS**

Heat-resistant PC Len  
**120°**

High Quality SMD  
**3030 LED**

High Light Efficiency  
**>150lm/W**

Image: Step-by-step diagram illustrating the simple plug-and-play installation process using the US hook and safety rope.

## 4.2 Electrical Connection

1. **Connect Power:** Plug the 3.3ft extension cord with the US 3-PIN plug into a compatible AC100-277V power outlet.
2. **Verify Connection:** Ensure all connections are secure before restoring power.

# PROFESSIONAL LED DRIVER

- ✓ Commercial Grade: AC 100-277V
- ✓ High Light Efficiency
- ✓ Warranty: > 5 Years Lifespan



Image: Examples of versatile US hook options for mounting, including eye-shaped screws, J-hooks, and chains.

## 4.3 Installation Video

Watch this video for a visual guide on the installation process and product overview:

Your browser does not support the video tag.

Video: A professional overview of the LED High Bay Light, including unboxing and installation steps. (Source: Lightdot)

## 5. OPERATING INSTRUCTIONS

These LED High Bay Lights are designed for straightforward operation.

- **Power On/Off:** Once properly installed and connected to a power source, the lights will illuminate when power is supplied. Use the wall switch or circuit breaker to turn the lights on or off.
- **Control Method:** The lights are designed for remote control operation. Refer to the remote control's specific instructions for pairing and functionality (remote control not explicitly listed as included, but mentioned in specifications).





Image: A large warehouse illuminated by multiple Lightdot 250W UFO LED High Bay Lights, demonstrating their brightness and suitability for commercial spaces.

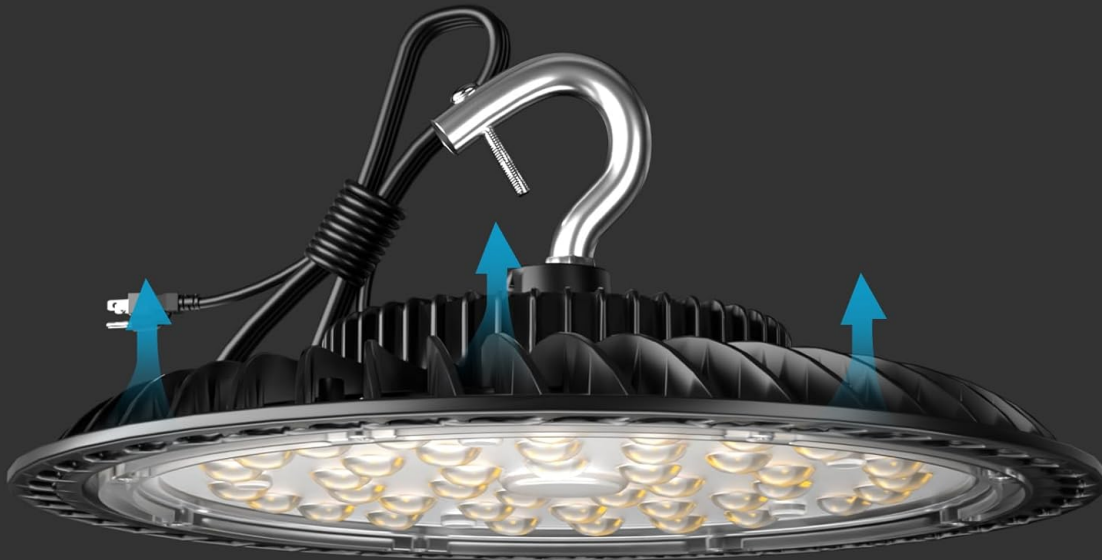
## 6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your LED High Bay Lights.

- **Cleaning:** Periodically clean the fixture's surface and lens with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or optical components. Ensure power is off before cleaning.
- **Inspection:** Annually inspect the mounting hardware, wiring, and safety cable for any signs of wear, damage, or loosening. Tighten any loose connections.
- **Heat Dissipation:** The fixture features an advanced heat dissipation design. Ensure there is adequate airflow around the fixture and that vents are not obstructed to maintain optimal operating temperature and lifespan.

# Light Decay < 5%

Die-cast aluminum housing with vented design for excellent heat-dissipation



**50000+**  
Lifespan: 50000+Hrs



**Wet location**

Image: A cutaway view of the LED High Bay Light, highlighting its advanced heat dissipation features, including a premium aluminum housing and air vent hollow design.

## 7. TROUBLESHOOTING

If you encounter issues with your Lightdot LED High Bay Lights, refer to the following common troubleshooting steps:

- **Light does not turn on:**

- Check if the power supply is connected and active.
- Verify the wall switch or circuit breaker is in the "ON" position.
- Ensure the plug is fully inserted into the outlet.

- **Light is dim or flickering:**

- Confirm the power supply voltage is stable and within the specified range (AC100-277V).
- Check for loose wiring connections.
- Ensure the fixture is not operating in an environment exceeding its recommended temperature range.

- **Unusual noise or smell:**

- Immediately disconnect power.
- Contact customer support for assistance. Do not attempt to repair the fixture yourself.

For issues not covered here, please contact Lightdot customer support.

## 8. SPECIFICATIONS

Attribute	Value
Brand	Lightdot
Model Name	LED High Bay Light
Model Number	LUFO-15
Wattage	250 watts
Brightness	37500 Lumens
Light Color / Color Temperature	5000K Daylight
Voltage	AC100-277V
Light Source Type	LED (SMD3030)
Lifespan	> 50,000 hours
Material	Aluminum (Housing), Polycarbonate (Shade)
Product Dimensions	11"L x 11"W x 3.9"H
Installation Type	US Hook
Special Feature	Energy Efficient, Plug&Play
Control Method	Remote
Certification	ETL Listed
Water Resistance Level	Waterproof (IP65)



Image: Product features including 250W power, 37500 lumens, 50,000 hours lifespan, and ETL certification.

## 9. WARRANTY AND SUPPORT

Lightdot provides a **5-year warranty** for this product, ensuring reliability and customer satisfaction. This warranty covers defects in materials and workmanship under normal use.

For any issues, questions, or support needs, please contact Lightdot customer service. We aim to reply within 24 hours.

**Contact Information:** Refer to your purchase documentation or the Lightdot official website for the most current contact details.

Your browser does not support the video tag.

Video: An overview of Lightdot's manufacturing process and quality control, including aging tests, demonstrating product reliability. (Source: Lightdot)



## 10. APPLICATION AND PERFORMANCE

These high bay lights are ideal for illuminating large indoor spaces with high ceilings, providing powerful and high-quality light.

### 10.1 Luminous Flux and Coverage

The lights provide a luminous flux of 150LM/W. The diagram below illustrates typical light distribution and coverage at various installation heights.

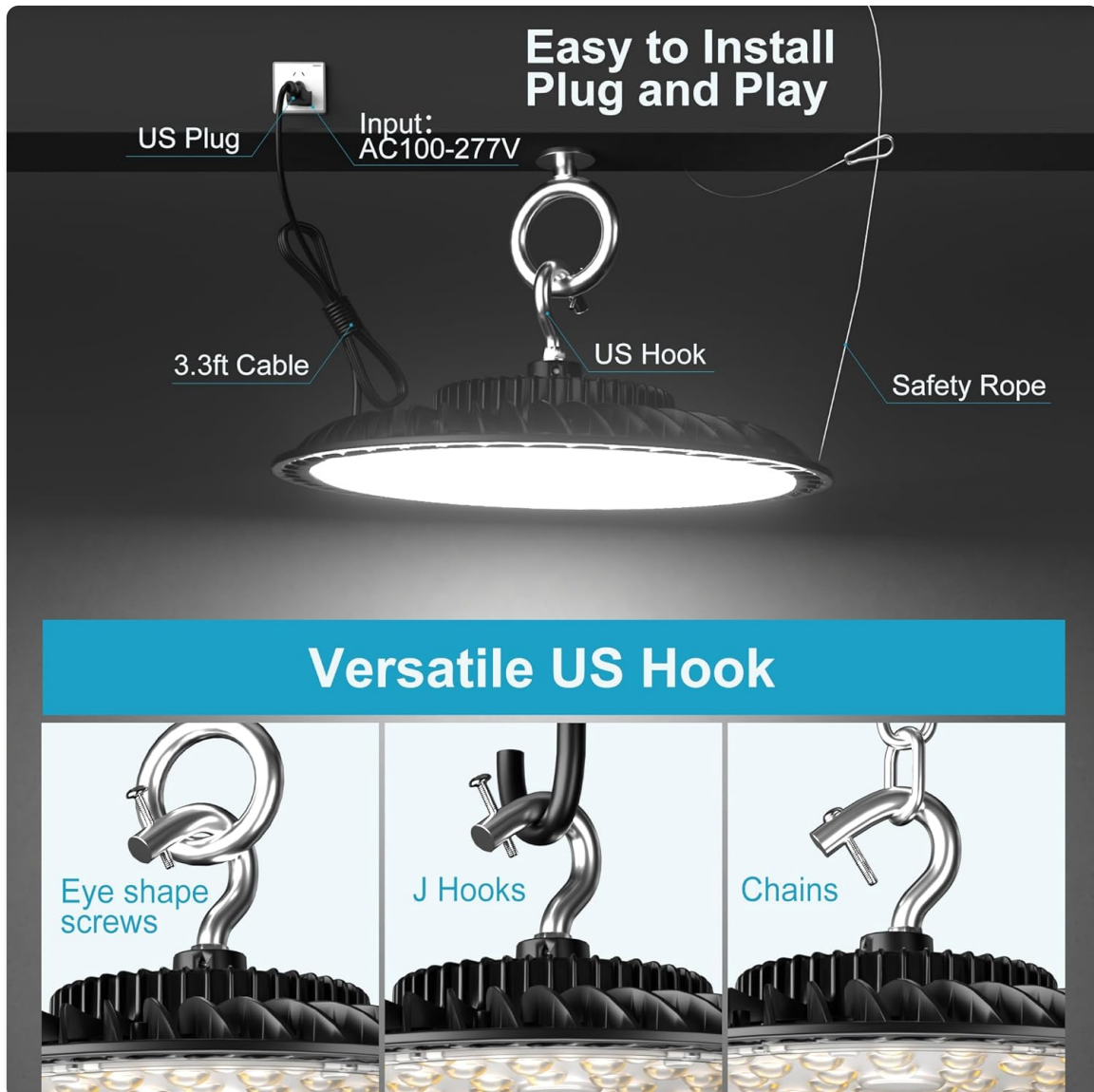


Image: Illustration of light distribution and intensity (lux) at various mounting heights, from 4 meters to 10 meters, showing a 90-degree beam angle.

### 10.2 Energy Efficiency and Lifespan

These LED fixtures are designed for high energy efficiency, saving up to 80% on electricity bills compared to traditional 1000W HIP fixtures. With a lifespan exceeding 50,000 hours, they offer long-term reliability and reduced maintenance.



Image: Visual comparison demonstrating the superior energy efficiency and significantly longer lifespan of the 250W LED High Bay Light compared to a 1000W HPS/MH lamp.

© 2023 Lightdot. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.