

Sunco Lighting HB_UFO-150W-5K-10PCK

Sunco UFO LED High Bay Light Instruction Manual

Model: HB_UFO-150W-5K-10PCK

1. INTRODUCTION

Thank you for choosing the Sunco 10 Pack UFO LED High Bay Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new lighting system. These high-performance LED lights are designed for commercial and industrial applications, offering superior brightness, durability, and energy efficiency.

The Sunco UFO LED High Bay Light features a dimmable (0-10V) 150W design, providing 21000 lumens of 5000K Daylight illumination. Its robust construction includes a shatter-resistant aluminum housing and an IP65 waterproof rating, ensuring reliable performance in various environments.



Image: The Sunco UFO LED High Bay Light, shown individually and as a pack of ten units, highlighting its design and quantity.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Ensure power is disconnected at the circuit breaker before installation or maintenance. All wiring must comply with national and local electrical codes.
- **Qualified Personnel:** Installation and servicing should only be performed by a qualified electrician.
- **Voltage Compatibility:** Verify that the supply voltage (100-277V) matches the light fixture's requirements.
- **Mounting:** Ensure the mounting surface and hardware can support the weight of the fixture(s).
- **Operating Environment:** Although IP65 rated for water resistance, avoid direct submersion. Do not operate in environments exceeding specified temperature ranges.
- **Heat Dissipation:** Ensure adequate airflow around the fixture for proper heat dissipation. Do not cover the fixture.

Image: A diagram illustrating the advanced heat dissipation design of the UFO LED High Bay Light, with arrows indicating airflow through its 36 heat panels.

3. PRODUCT OVERVIEW

The Sunco UFO LED High Bay Light is engineered for high-performance commercial lighting. Key features include:

- **High Brightness:** 21000 Lumens at 150W, providing 140 Lumens per Watt for high efficiency.
- **Dimmable:** 0-10V dimming capability for adjustable light levels.
- **Durable Construction:** Shatter-resistant aluminum housing and IP65 waterproof rating.
- **Long Lifespan:** Designed for a 17-year lifespan, reducing maintenance needs.
- **Wide Beam Angle:** 90-degree beam angle for widespread illumination in large areas.
- **Efficient Heat Dissipation:** Integrated heat sink design with 36 heat panels ensures optimal functionality and prolongs lifespan.

LOW-PROFILE, HIGH-OUTPUT

Lightweight design provides industry-leading illumination at half the weight of standard High Bays (**3.7 lbs**).

21000 LM

140 Lumens per Watt

Ultra-high efficacy to emit more light while using less power. **Lower energy costs by 85%.**

Image: Illustrates the low-profile, high-output design, emphasizing its lightweight nature (3.7 lbs) and 21000 LM brightness.

INDUSTRIAL-GRADE

7-Year Protection

Brightness **21000 Lumens**

Energy Usage **150 Watts**

Lifespan **17 Years**

Beam Angle **90°**

Dimmable **0-10V**

Material **Die-Cast Aluminum**

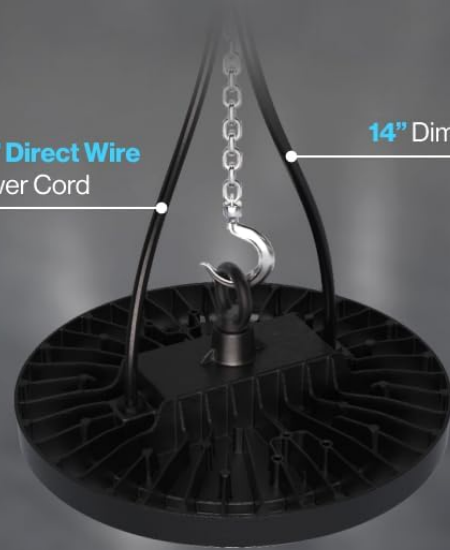
Moisture Rating **IP54**

Color Temperature

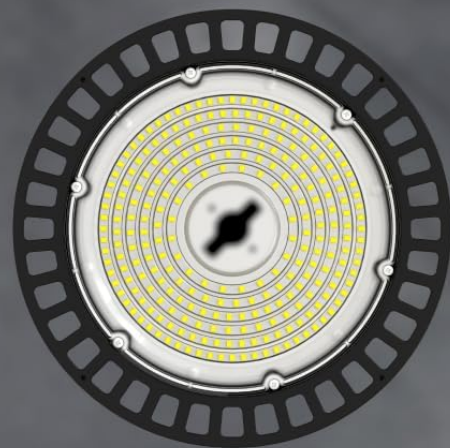


40" Direct Wire
Power Cord

14" Dimming Cord



4.6"
Height



10.8"
Length

10.8" Width

Image: Details industrial-grade specifications including brightness, wattage, lifespan, beam angle, dimmability, material, moisture rating, and color temperature.



90°

Beam Angle

Widespread, instant-on beam illuminates large areas with high ceilings.

150

Watts

Integrated driver & LED technology ensures bright, uniform light distribution.

17-Year Lifespan

Long-lasting lighting solution reduces maintenance & need for replacements.

Ideal for warehouses, retail spaces, outdoor industrial areas, & more.

Image: Highlights the weather-resistant (IP54 rated) and shatterproof exterior, demonstrating its durability against water and impact.

BUILT TO LAST

Lifting Ring Included

Integrated LED Driver

Weather-Resistant Design

Water and dust resistant construction withstands harsh temperatures (-13°F to 122°F) and weather.

IP54 Rated

+

Shatterproof Exterior

Damage-resistant housing ensures reliable commercial-grade lighting for years to come.

Die Cast Aluminum

Image: Shows the 90-degree beam angle in a warehouse setting and emphasizes the 17-year lifespan, ideal for various commercial applications.

4. SETUP AND INSTALLATION

The Sunco UFO LED High Bay Light offers flexible installation options. It is recommended to consult the detailed Installation Manual (PDF) provided by Sunco Lighting for complete instructions.

4.1 Pre-Installation Checklist

- Ensure power is OFF at the circuit breaker.

- Gather necessary tools (e.g., screwdriver, wire strippers, drill, mounting hardware).
- Inspect the fixture for any damage.

4.2 Mounting Methods

The fixture can be installed using one of three methods:

1. **Hook Mount:** Utilize the included lifting ring to hang the fixture from a suitable hook or chain.
2. **Ceiling Mount:** Securely attach the fixture directly to a ceiling surface using appropriate hardware (not included).
3. **$\frac{3}{8}$ " NPT Pole Mount:** Attach the fixture to a $\frac{3}{8}$ " NPT threaded pole (not included).

4.3 Wiring Instructions

The fixture comes with a 40" direct wire power cord and a 14" dimming cord. Follow standard electrical wiring practices:

- Connect the live, neutral, and ground wires from the fixture to the corresponding building wiring.
- For 0-10V dimming, connect the dimming wires to a compatible 0-10V dimmer switch.
- Ensure all connections are secure and insulated.



Image: A diagram detailing the product's dimensions (4.6" height, 10.8" length/width), cord lengths (40" direct wire, 14" dimming cord), and weight (3.7 lbs).

5. OPERATING INSTRUCTIONS

Once installed and wired correctly, operating the Sunco UFO LED High Bay Light is straightforward.

5.1 Power On/Off

Restore power at the circuit breaker. The light will illuminate instantly.

5.2 Dimming Function

If connected to a 0-10V dimmer switch, adjust the dimmer to control the light output from 0% to 100% brightness. Ensure the dimmer is compatible with 0-10V LED drivers.

LARGE-SCALE LIGHTING

Widespread illumination ideal for large industrial & commercial spaces with high ceilings.

Perfect for warehouses, manufacturing facilities, workshops, gyms, retail spaces, & more.

90° Beam Angle

150 Watts

0-10V Dimming

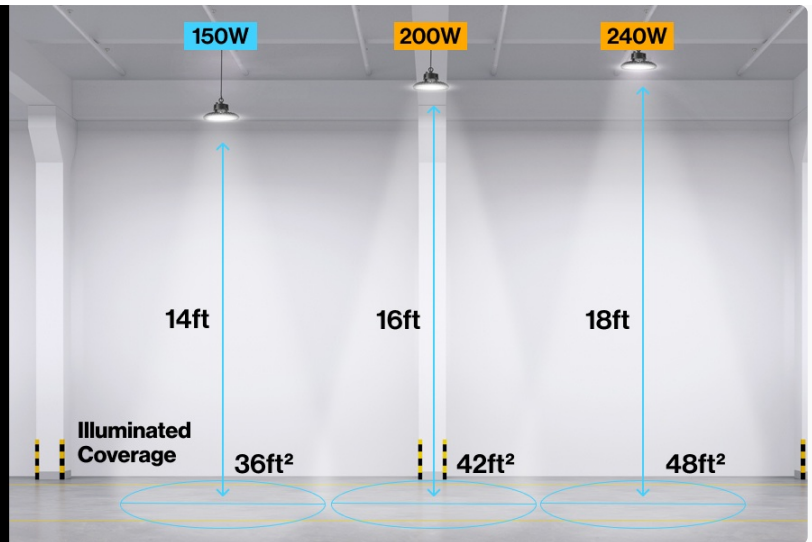


Image: An illustration demonstrating the widespread illumination provided by UFO LED High Bay Lights in large industrial and commercial spaces, showing coverage at different mounting heights and wattages.

6. MAINTENANCE

The Sunco UFO LED High Bay Light requires minimal maintenance due to its durable design and long lifespan.

- **Cleaning:** Periodically clean the exterior of the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure power is off before cleaning.
- **Inspection:** Regularly inspect the fixture, wiring, and mounting hardware for any signs of wear, damage, or loose connections. Address any issues promptly.
- **No User-Serviceable Parts:** There are no user-serviceable parts inside the fixture. Do not attempt to open or repair the unit.



Image: UFO LED High Bay Lights installed at a gas station, demonstrating their waterproof capability during a rainy scene.

7. TROUBLESHOOTING

If you experience issues with your Sunco UFO LED High Bay 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. | Check circuit breaker; Verify all wiring connections; Test or replace switch. |

| Problem | Possible Cause | Solution |
|--------------------------------------|---|--|
| Light flickers or dims unexpectedly. | Incompatible dimmer; Loose dimming wires; Voltage fluctuations. | Ensure 0-10V dimmer compatibility; Check dimming wire connections; Consult electrician for voltage issues. |
| Reduced brightness. | Dust accumulation on lens; Dimmer setting too low. | Clean the lens; Adjust dimmer to maximum setting. |
| Light turns off prematurely. | Overheating due to poor ventilation. | Ensure adequate space around the fixture for airflow; Remove any obstructions. |

If the problem persists after attempting these solutions, please contact Sunco Lighting customer support.

8. SPECIFICATIONS

| Attribute | Value |
|---------------------|---------------------------|
| Model Number | HB_UFO-150W-5K-10PCK |
| Wattage | 150 Watts |
| Brightness | 21000 Lumens |
| Color Temperature | 5000K Daylight |
| Voltage | 100-277 Volts |
| Dimmable | Yes (0-10V) |
| IP Rating | IP65 Waterproof |
| Material | Polycarbonate, Aluminum |
| Beam Angle | 90 Degrees |
| Lifespan | Approx. 17 Years |
| Product Dimensions | 7"L x 1"W x 7"H (Fixture) |
| Item Weight | 45 pounds (for 10 Pack) |
| Included Components | Lifting Ring |
| Certifications | UL, DLC Certified |

9. WARRANTY INFORMATION

Sunco Lighting provides a **7-Year Protection** for this product. This industry-leading coverage ensures peace of mind regarding the quality and performance of your UFO LED High Bay Lights. For specific terms and conditions of the warranty, please refer to the documentation included with your purchase or visit the official Sunco Lighting website.

10. CUSTOMER SUPPORT

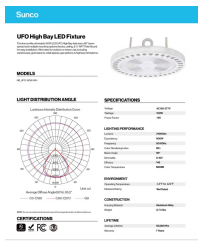
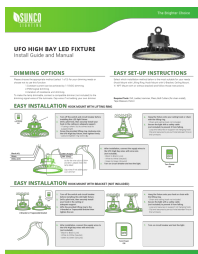
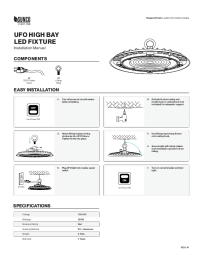
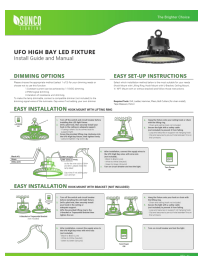
For further assistance, technical support, or warranty claims, please contact Sunco Lighting customer service. You can find contact information and additional resources on the official Sunco Lighting website:

[Visit the Sunco Lighting Store](#)

Additional documentation, including the User Guide and Installation Manual, may be available for download from the product's support page.

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Related Documents

| | |
|---|---|
|  | <p>Sunco Lighting 150W White UFO High Bay LED - Wet Rated, AC120-277V</p> <p>Comprehensive information on the Sunco Lighting 150W White UFO High Bay LED fixture, highlighting its wet-rated durability, AC120-277V voltage compatibility, and suitability for various commercial and industrial environments.</p> |
|  | <p>Sunco Lighting UFO High Bay LED Fixture: Install Guide and Manual</p> <p>Comprehensive installation guide and manual for the Sunco Lighting UFO High Bay LED Fixture, covering dimming options, various mounting methods, specifications, and safety warnings.</p> |
|  | <p>Sunco Lighting UFO High Bay LED Fixture Installation Manual</p> <p>Installation manual for the Sunco Lighting UFO High Bay LED Fixture, detailing components, step-by-step installation, specifications, safety warnings, and FCC compliance notes.</p> |
|  | <p>Sunco Lighting UFO High Bay LED Fixture: Installation Guide and Manual</p> <p>Comprehensive installation guide and manual for the Sunco Lighting UFO High Bay LED Fixture, covering dimming options, hook mount, ceiling mount, and NPT pipe mount installations, along with safety warnings and specifications.</p> |