

Run Bison LJC-UFO-26/277-8150C-30ED-S

Run Bison LED High Bay Light with Motion Sensor

Model: LJC-UFO-26/277-8150C-30ED-S

Adjustable Power 100w/120w/150w, 15000lm/18000lm/22500lm, 3CCT 3000K/4000K/5000K, 0-10V Dimmable UFO High Bay Light with Preinstalled Hook

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Run Bison LED High Bay Light with Motion Sensor. This high-performance lighting fixture is designed for commercial and industrial applications, offering adjustable power output, selectable color temperature, and integrated motion sensing capabilities for enhanced energy efficiency.

The compact design and high light efficiency make it suitable for various indoor and semi-indoor environments, including warehouses, factories, gyms, supermarkets, school auditoriums, toll stations, indoor stadiums, and automobile exhibition halls.



Figure 1.1: Run Bison LED High Bay Light with Motion Sensor.

2. SAFETY INFORMATION

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

- Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician in accordance with local electrical codes and regulations.
- Do not operate the fixture if it is damaged.
- Avoid direct eye exposure to the light source when the fixture is on.
- This fixture is rated IP65 for waterproof and dustproof design, suitable for damp locations, but not for submersion.
- Ensure the mounting structure can support the weight of the fixture.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package:

- LED UFO High Bay Light (1 unit)
- Pre-assembled Hook (1 unit)
- Installation accessories (screws, anchors, etc.)

4. SPECIFICATIONS

Feature	Specification
Brand	Run Bison
Model Number	LJC-UFO-26/277-8150C-30ED-S
Power (Adjustable)	100W / 120W / 150W
Luminous Flux (Adjustable)	15000lm / 18000lm / 22500lm
Color Temperature (CCT)	3000K (Warm White) / 4000K (Cool White) / 5000K (Daylight)
Voltage	120-277V AC
Dimming	0-10V Dimmable
Beam Angle	90°
Motion Sensor Range	30FT ~ 49FT
Material	Aluminum Alloy Body, Polycarbonate Shade
Protection Rating	IP65 (Waterproof & Dustproof)
Lifespan	50,000 Hours
Product Dimensions (L x W x H)	10.24" x 10.24" x 6.4"
Item Weight	6.83 Pounds
Certifications	UL, DLC, FCC

5. SETUP AND INSTALLATION

The Run Bison LED High Bay Light is designed for easy installation with a pre-assembled hook for hanging mount. Ensure the power is off before beginning installation.

5.1 Physical Installation

1. Identify a suitable mounting location with a sturdy structure capable of supporting the fixture's weight.
2. Securely attach the pre-assembled hook to the mounting point.
3. Hang the LED High Bay Light onto the secured hook.
4. Connect the electrical wiring according to local electrical codes. This fixture supports 120-277V AC input.



Figure 5.1: Product Dimensions. The fixture measures 10.24 inches in diameter and 6.4 inches in height, including the hook.

5.2 Suggested Installation Height

The optimal installation height depends on the selected wattage to achieve desired light coverage and intensity:

- **100W:** 10-13 feet (approx. 26ft diameter coverage)
- **120W:** 13-16 feet (approx. 33ft diameter coverage)
- **150W:** 16-20 feet (approx. 39ft diameter coverage)

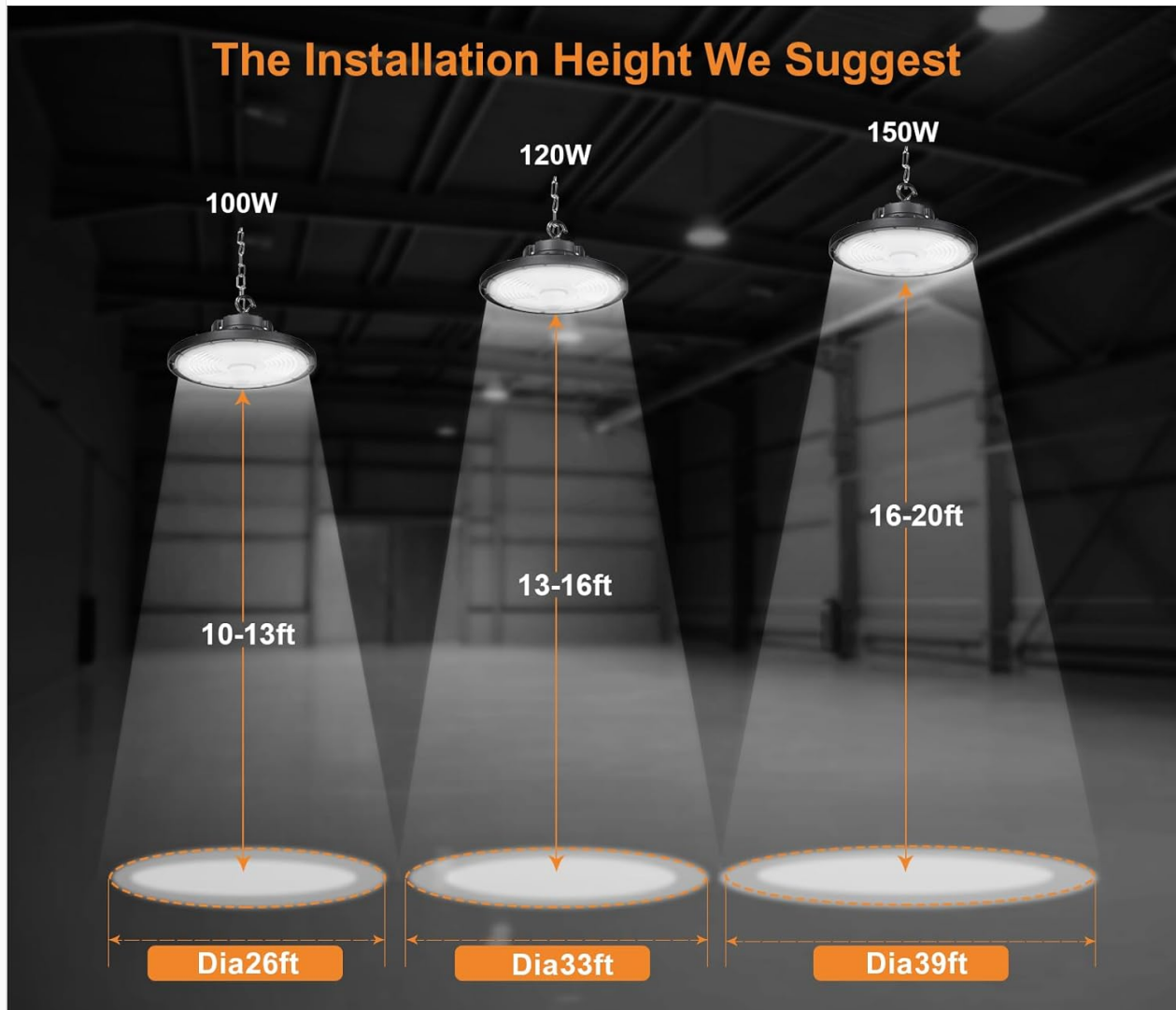


Figure 5.2: Recommended Installation Heights based on Wattage. Higher wattages allow for greater installation heights and wider light distribution.

5.3 Motion Sensor Installation

The motion sensor is pre-installed within the fixture. For final setup, simply screw the motion sensor component to the bottom of the luminaire. This ensures proper alignment and functionality.



Figure 5.3: Motion Sensor Installation. The sensor easily screws into the designated port at the bottom of the light fixture.

6. OPERATING INSTRUCTIONS

Your LED High Bay Light offers adjustable power output and color temperature to suit various lighting needs.

6.1 Adjustable Power and Color Temperature (CCT)

The fixture features easy-to-use slider switches to select your desired wattage and color temperature. These switches are typically located on the driver housing or accessible upon opening a designated compartment.

- **Power Selection:** Choose between 100W, 120W, or 150W to adjust brightness and energy consumption.
- **CCT Selection:** Select 3000K (Warm White), 4000K (Cool White), or 5000K (Daylight) to match the ambient lighting requirements of your space.



15000/18000/22500 LM
Brightness Adjustable



100/120/150W
Wattage Selectable



3000K-4000K-5000K
CCT Selectable



120-277V



Sensing Function



0-10V
Dimming



Figure 6.1: Adjustable Brightness and Wattage. The light offers 15000lm/18000lm/22500lm and 100W/120W/150W options.

choose the suitable color temperature and wattage for you with the Easy selection slider switch.



Figure 6.2: Selectable Color Temperature. Choose between 3000K (Warm White), 4000K (Cool White), and 5000K (Daylight) to set the desired ambiance.

6.2 0-10V Dimming

The fixture supports 0-10V dimming, allowing for smooth adjustment of brightness across your space. Connect to a compatible 0-10V dimmer switch (sold separately) for this functionality. The UGR (Unified Glare Rating) of less than 28 ensures a comfortable visual experience even at high brightness levels.



UP TO 22800LM

UGR<28

excellent brightness brings protection experience

Figure 6.3: Excellent Brightness. The fixture provides up to 22500 lumens, ensuring ample illumination for large areas.

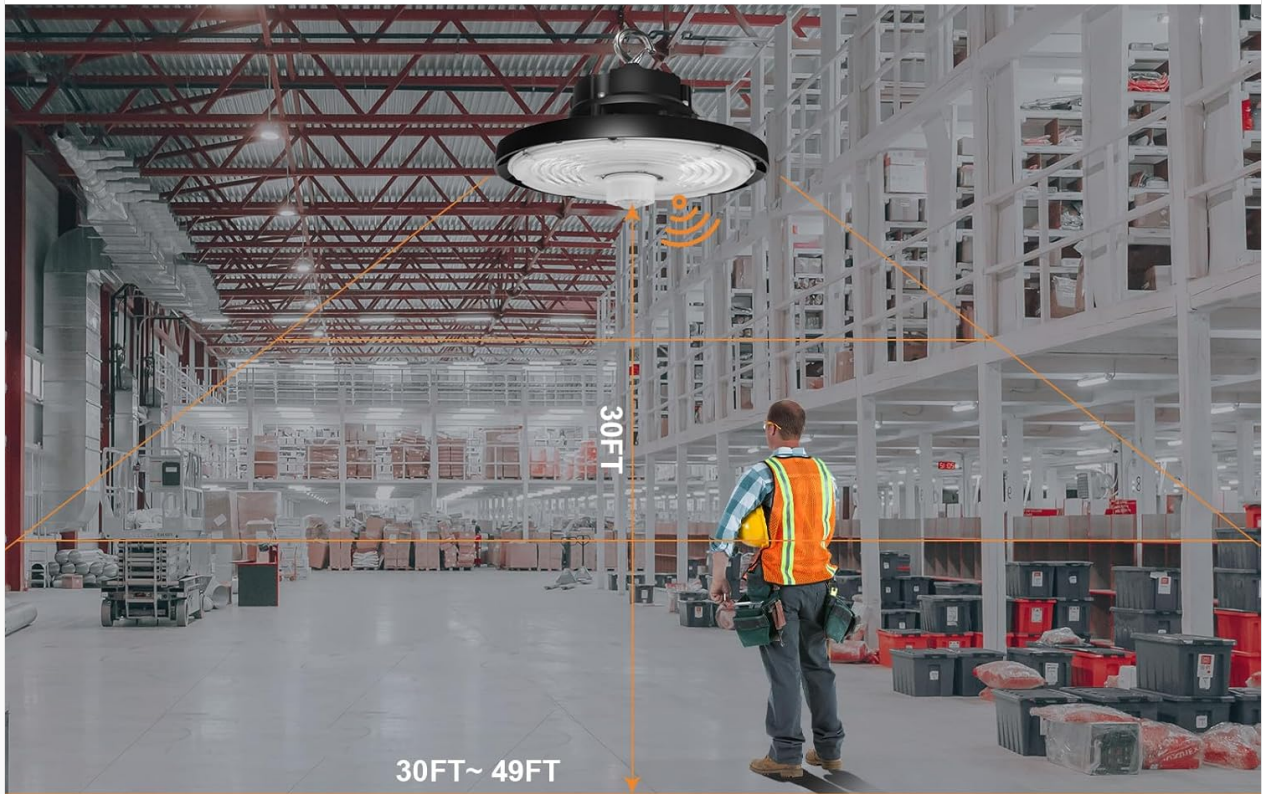
7. MOTION SENSOR CONFIGURATION

The integrated PIR (Passive Infrared) motion sensor provides intelligent and energy-saving operation.

7.1 Sensing Range and Default Settings

The motion sensor has a sensing range of 30 to 49 feet. The factory default settings for the motion sensor are:

- **Detection Area:** 30FT ~ 49FT
- **Hold Time:** 5 minutes (The light remains at full brightness after motion is detected.)
- **Dimming Behavior:** When movement leaves the induction area, the light will dim to 30% brightness after 5 minutes, and then turn off completely after an additional 60 minutes (total 65 minutes after last detection).
- **Startup Time:** 40-second startup time after power-on.



FACTORY DEFAULT SETTING:

Motion sensor 40-second startup time after power-on.

When people leave, dimming to 30% after 5 minutes, turn off after 60 minutes.



Customize your various sensor mode with remote controller(Sold Separately).

Figure 7.1: Motion Sensor Activated. The sensor detects movement within a 30-49 foot range, activating the light.

7.2 Customization (Optional)

The motion sensor mode can be customized using a remote controller (sold separately). This allows for adjustment of detection area, hold time, and dimming levels to better suit specific application requirements.

8. MAINTENANCE

The Run Bison LED High Bay Light is designed for durability and minimal maintenance.

- **Cleaning:** Periodically wipe the fixture with a soft, dry cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the fixture for any signs of damage, loose connections, or wear. Address any issues promptly.

8.1 Durable Design Features

The fixture incorporates several features to ensure long-term performance:

- **Robust Construction:** Aluminum alloy body with a black anti-corrosion coating for resistance to harsh environments.
- **Efficient Heat Dissipation:** Active cooling heat sink with a thermal conductivity of 2.0 ensures optimal operating temperature and extends LED lifespan.
- **IP65 Rating:** Certified waterproof and dustproof, making it suitable for demanding indoor and semi-indoor locations.



DESIGN TO LAST










Water Resistance
The high bay light is perfect for wet locations.



Excellent Heat Dissipation
This UFO high bay has a unique heat sink that acts as a very effective thermal management to avoid overheating.



High and low temperature resistance
Aluminum alloy body coated with black white anti-corrosion coating surface allows the high bay light to work in both hot and cold environment.

Figure 8.1: Design to Last. Highlights water resistance, excellent heat dissipation, and high/low temperature resistance for robust performance.

9. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on.	No power supply, loose wiring, faulty switch, motion sensor not detecting.	Check power connection. Ensure wiring is secure. Test the switch. Verify motion sensor is not obstructed and is detecting movement.
Light flickers or dims inconsistently.	Unstable power supply, incompatible dimmer, faulty wiring.	Ensure stable power. Use a compatible 0-10V dimmer. Check wiring for loose connections.
Motion sensor not responding or light stays on.	Sensor obstructed, incorrect sensitivity settings, continuous motion in detection area.	Clear any obstructions around the sensor. Adjust sensor settings with optional remote. Ensure no constant motion is present.
Incorrect color temperature or wattage.	Slider switches set incorrectly.	Adjust the CCT and wattage slider switches on the fixture to your desired setting.

If the problem persists after attempting these solutions, please contact Run Bison customer support.

10. WARRANTY AND SUPPORT

The Run Bison LED High Bay Light is backed by a **5-year manufacturer warranty**, ensuring quality and reliability.

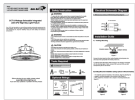
This product has undergone rigorous testing and holds UL/DLC/FCC quality certifications, confirming its compliance with safety and performance standards.

For professional technical guidance, fast replacement service, or any other inquiries, please contact Run Bison customer support through the retailer where the product was purchased or visit the official Run Bison store online.

We are committed to providing best-in-class products and customer service.

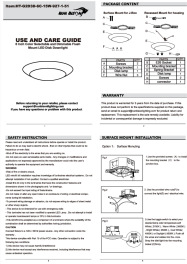
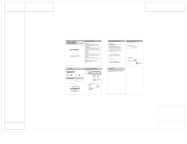
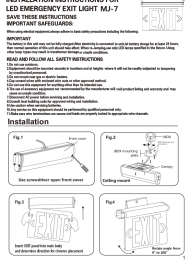
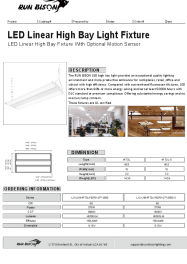

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Related Documents - LJC-UFO-26/277-8150C-30ED-S



[RUN BISON CCT & Wattage Selectable Integrated LED UFO High Bay Light Fixture Installation and Safety Guide](#)

This guide provides essential safety instructions, electrical schematic details, and step-by-step installation procedures for the RUN BISON CCT & Wattage Selectable Integrated LED UFO High Bay Light Fixture. It covers hooking, ceiling, and pendant mounting options, along with diffuser and lens installation, and CCT/wattage selection via DIP switches. Includes product specifications and a 5-year warranty.

	<p>Run Bison 6-Inch LED Disk Downlight: Use and Care Guide</p> <p>Comprehensive guide for the Run Bison 6-inch color selectable and dimmable flush mount LED disk downlight, covering package contents, warranty, safety instructions, and installation for both surface and recessed mounting.</p>
	<p>Runbison LED High Bay Light Installation and Safety Guide</p> <p>Comprehensive guide for installing and safely operating Runbison LED High Bay lights. Includes wiring diagrams, safety warnings, and warranty information.</p>
	<p>Installation Instructions for LED Emergency Exit Light MJ-7</p> <p>Detailed installation instructions for the MJ-7 LED Emergency Exit Light, including safety precautions, wiring diagrams, and troubleshooting tips. Covers ceiling and side mounting, battery replacement, and AC power connection.</p>
	<p>RUN BISON LED Linear High Bay Light Fixture - 270W, 5000K, 40500LM</p> <p>Detailed specifications for the RUN BISON LED Linear High Bay Light Fixture. Features include high efficiency, 50,000-hour lifespan, DLC compliance, 0-10V dimming, and UL certification. Ideal for industrial, retail, office, and school environments.</p>
	<p>RUN BISON LED Linear High Bay Light Fixture 2ft/4ft Eco Series</p> <p>Discover the RUN BISON Eco Linear High Bay LED light fixtures, offering exceptional quality lighting and energy savings for workplaces, retail, and offices. Available in 2ft and 4ft lengths with optional motion sensors, these DLC and UL certified fixtures provide over 60% energy savings and a long lifespan.</p>