



High Bay

A high-output linear fixture engineered for warehouses, distribution centers, manufacturing facilities, and other high-ceiling commercial environments. The Linear High Bay delivers powerful, uniform illumination with selectable wattage and color temperature to accommodate varying mounting heights and application requirements. Designed for durability and efficiency, it supports long-term performance in demanding industrial settings.

- Available in 2 ft and 4 ft lengths.
- Selectable wattage options up to 320W, depending on size.
- Delivers up to 48,000 lumens with efficacy up to 150 lm/W.
- Field-selectable color temperatures: 4000K, 5000K, 6500K.
- Operates on 120–277V, with 347–480V options available.
- Standard 0–10V dimming for lighting controls.
- 90° beam angle for wide, uniform distribution in high-ceiling spaces.
- Optional occupancy sensor and emergency backup configurations.
- 5 Year Warranty



Performance Data

Product ID	Size	Wattage	Lumens	CCT	Voltage	CRI	Angle
LFC-BAY-2FT-165W	2 FT	105, 135, 165W (selectable)	15750, 20250, 24750	4000K, 5000K, 6500K (selectable)	120-277V	>80	90°
LFC-BAY-4FT-320W	4 FT	165, 220, 320W (selectable)	24750, 33000, 48000				

Ordering Information

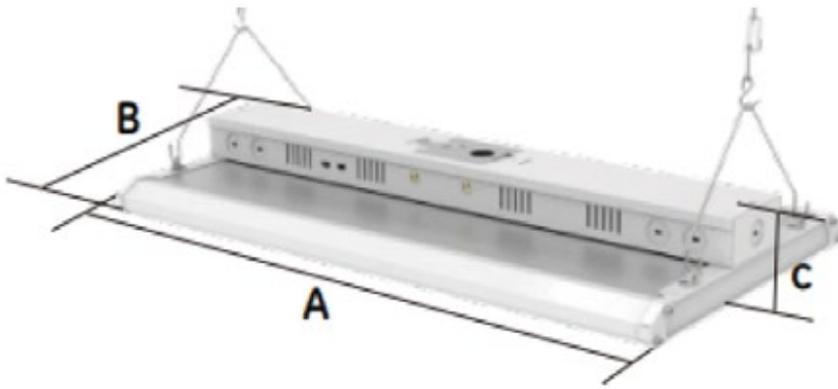
FIXTURE	
LFC-BAY	Lighting FC High Bay Fixture
SIZE	
2 FT	105, 135, 165W (selectable)
4 FT	165, 220, 320W (selectable)
WATTAGE	
MW165	105, 135, 165W (selectable)
MW320	165, 220, 320W (selectable)

OPTIONS	
-	None
MS	Motion Sensor
EM	Emergency Back-Up
WARRANTY	
5	5 Year Warranty (included)





Dimensions



Item Number	A (inch)	B (inch)	C (inch)
165W	23.6	11.8	2.87
320W	47.2	11.8	2.87

Electrical and Photometric Characteristics

Input Vol: 120-277V

Input Current: ≤1.05A/105W ≤1.35A/135W ≤1.65A/165W

Surge Protection: 6kV/12ohm.8/20uS different mode & common mode

PF: ≥0.9

Start Time: ≤1.5s

Operating Temperature: -25°C (-13°F) to 55°C (131°F)

Dimming: 0-10V

Nominal Lifetime: 50000 hours

Lighting Installation: Hook/Chain

Input Frequency: 50-60Hz

Rated Power Tolerance: <10%

ITHD: ≤20%

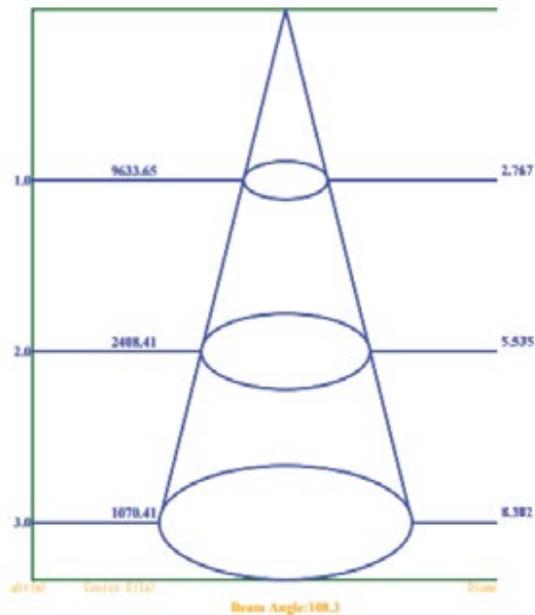
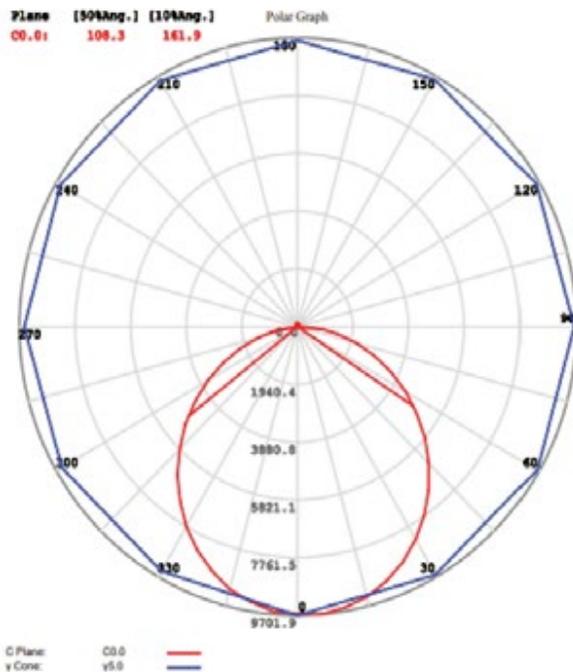
IP Rating: IP20

Storage Temperature: -25°C (-13°F) to 55°C (131°F)

Switching Cycle: >100000X

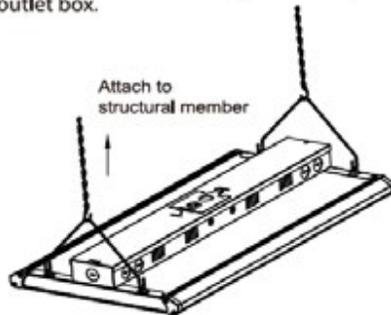
Approbation Marks: UL/DLC/RoHS

1200x300 Highbay 320W 39375LM 5000K

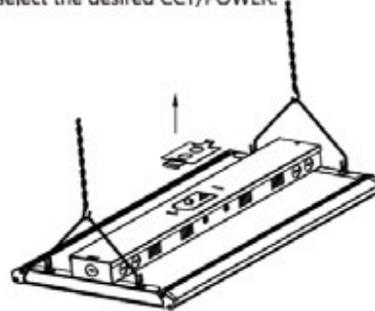


Installation Diagram

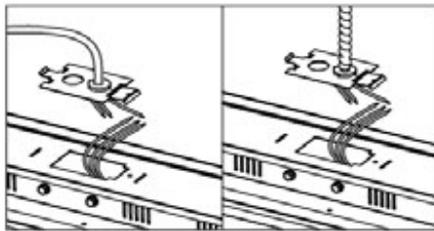
1. Hang two chains/cables from a structural member of the ceiling. Fixture must be supported independently of an outlet box.



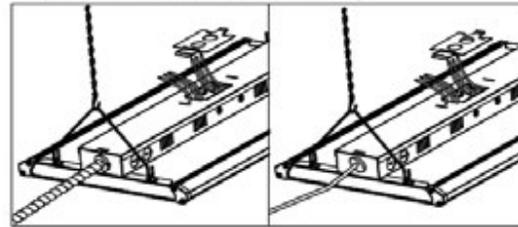
2. Remove power access plate. Refer to the label near the DIP switch, select the desired CCT/POWER.



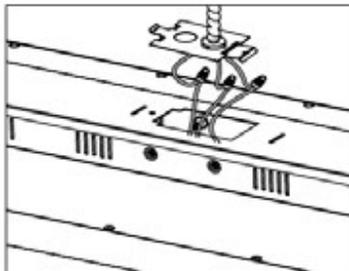
3. Power input from top: install 1/2" conduit or install AC power cord with strain relief into power access plate.



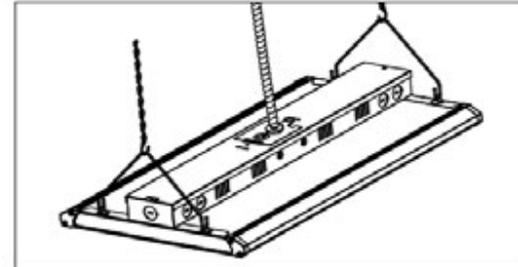
4. Power input from side: Remove knockout in endcap and install 1/2" * conduit, or B) install AC power cord with strain relief. Plug unused hole on power access plate with appropriate fitting



5. Connect the green (ground), black (line) and white (neutral) wires of the AC line to the similarly colored wires of the fixture's power supply using UL listed connectors. Place all connections and exposed wire inside of fixture and reattach power access plate.



6. Place all connections and exposed wire inside of fixture and reattach power access plate.



Important safety instructions

Your safety is our top priority, and we want to ensure that you have a hassle-free experience with our products. Therefore, please take note of the following important safety instructions:

1. To avoid any complications, please read and follow all instructions carefully before proceeding with installation or use.
2. For your safety, we recommend that a qualified electrician installs these luminaires in compliance with the national electrical code and local regulations.
3. We take pride in our products, and we want you to receive them in the best condition possible. Please check the integrity of the product upon removing it from its packaging.
4. To ensure a safe installation, please make sure that the wiring supplied with the driver is of adequate length and rating before proceeding with the installation.
5. During installation, be careful not to apply any tension to the luminaires. If you have any questions or concerns, please do not hesitate to contact Deco Lighting at (323) 366-5522.