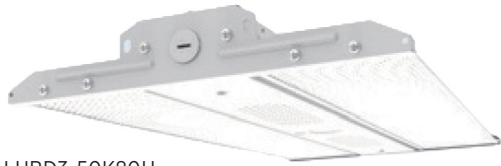


LHBD3 Series

LED Linear High Bay Specifications

Project _____ Date _____

Type _____



LHBD3-50K80H



Description

The LED linear high bay is a slim, energy-efficient fixture ideal for warehouses, manufacturing facilities, and gymnasiums. The fixture is constructed of a white steel housing with a prismatic polycarbonate lens that delivers uniform light. The minimum 140 lumens per watt high efficacy linear high bay replaces up to a 1000-watt metal halide fixture for increased energy savings. Pair the fixture with an optional motion sensor for added energy savings.

Features

- Slim, lightweight design
- Energy efficient – 140-145 lm/W
- Suspension mounting kit included

Product Details

- White steel housing
- Prismatic polycarbonate lens
- IP20, suitable for damp or dry locations
- 0-10V dimming
- 120-277 VAC

Warranty

- 5-year warranty

Available Models¹

2-Foot Length

- LHBD3-50K80H
- LHBD3-50K110H
- LHBD3-50K165H
- LHBD3-50K220H

3-Foot Length

- LHBD3-50K225H
- LHBD3-50K300H

Part Number Breakdown

Example: LHBD3-50K300H

Series	CCT	Wattage	Efficacy
LHBD3 [Linear High Bay, Dimmable, V3]	50K [5000K]	80 [80 W]	H [High Efficacy]
		110 [110 W]	
		165 [165 W]	
		220 [220 W]	
		225 [225 W]	
		300 [300 W]	

Certifications and Compliances

- DLC 5.1 Premium listed
- Certified by UL - UL 1598 (IFAM)



Applications

- Big Box Retailers
- Convention Centers
- Distribution Centers
- Factories
- Gymnasiums
- High Bays
- Manufacturing Plants
- Packaging Facilities
- Shop Lights
- Warehouses

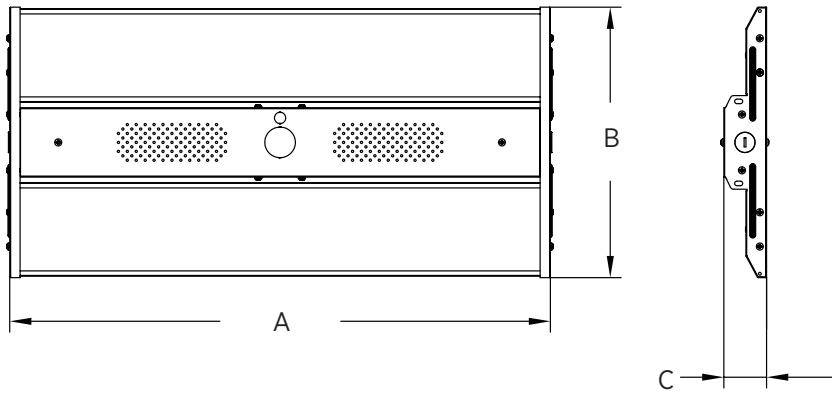


¹Contact customer service if interested in other options.

LHBD3 Series

LED Linear High Bay Specifications

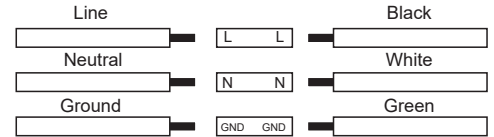
Dimensional Drawing



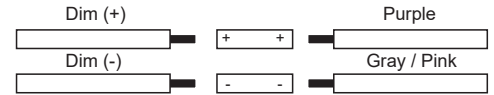
Model	A	B	C
LHBD3-50K80H, LHBD3-50K110H, LHBD3-50K165H	23.6 in. (599 mm)	11.8 in. (300 mm)	1.9 in. (48 mm)
LHBD3-50K220H	23.6 in. (599 mm)	14.2 in. (361 mm)	1.9 in. (48 mm)
LHBD3-50K225H, LHBD3-50K300H	35.1 in. (892 mm)	14.2 in. (361 mm)	1.9 in. (48 mm)

Wiring Diagram

120–277 VAC Input



0–10 V Dimming



LHBD3 Series

LED Linear High Bay Specifications

Specifications

Model LHBD3-	50K80H	50K110H	50K165H	50K220H	50K225H	50K300H
Intensity	11,600 lm	15,400 lm	23,100 lm	30,800 lm	31,500 lm	42,000 lm
Power Consumption	80 W	110 W	165 W	220 W	225 W	300 W
Current Draw	120 VAC	670 mA	920 mA	1.4 A	1.8 A	2.5 A
	277 VAC	290 mA	400 mA	600 mA	790 mA	1.1 A
Efficacy	145 lm/W	140 lm/W				
Operating Voltage	120-277 VAC					
Power Factor	≥ 0.9					
Color Temperature	5000K					
Beam Angle	90°					
CRI	80+					
Dimming	0-10V					
IP Rating	IP20					
Environmental Rating	Suitable for Damp Locations, Non-Weatherproof					
Surge Protection	2 kV					
Rated Life (L70)	50,000 hours					
Ambient Operating Temperature	-4°-122° F (-20°-50° C)					

