



SPECIFICATION SHEET

The Essential Series Linear High Bay combines field-selectable wattage, 3 CCT, and beam distribution in a versatile, high-performance LED fixture. Designed for warehouses, manufacturing facilities, retail spaces, and other open commercial environments, it delivers exceptional efficiency, flexible lighting control, and long-lasting reliability.



Project:

Location:

Type:

Qty:

Notes:

Ordering Guide

Catalog Number	Size	Wattage Selectable	Lumens Selectable (@40K, 90°x90° Beam Angle)	CCT Selectable	Voltage	Finish
ES-LHB-B1-H1-WH	Standard Output	70/90/105W	10360/13320/15540 lm	35/40/50K	120-277V	White
ES-LHB-B4-H2-WH	High Output	180/220/240W	27140/33170/36190 lm	35/40/50K	120-277V	White

Product Highlights

Features

- Field-selectable wattage, 3 CCT, and beam angle.
- High-efficacy LED performance up to 164 lm/W.
- Low-glare optical design for improved visual comfort.
- Sensor-ready for occupancy controls.

Electrical

- Smooth 0-10V dimming.
- 120-277V universal voltage.
- Power factor ≥ 0.9 .
- THD $\leq 20\%$.
- 6kV surge protection.

Certifications

- UL/cUL listed.
- DLC Premium listed.
- Damp location rated.
- Long-life LED performance rated up to 50,000 hours.
- Backed by a 5-Year warranty.

Specifications

Optical

CCT Selectable	Efficacy (LPW)	CRI	Selectable Beam Angle	UGR
35/40/50K	164	>80	45°x100° / 65°x95° / 90°x90°	<28

Electrical

Input Voltage	Input Frequency	Dimming Type	Power Factor	Max THD	Surge Protection
120-277V	50/60 Hz	0-10V	≥ 0.9	$\leq 20\%$	6kV

Mechanical

Housing Material	Lens / Diffuser	Finish	Mounting Options	Sensor Ready
Aluminum + Steel	Plastic	White	Suspension, Pendant	Yes

Performance

Operating Temperature	Location Rating	Rated Life	Warranty	Driver Efficacy
-40°F to 122°F (w/o Sensor/EM) -22°F to 122°F (w/Sensor) 32°F to 122°F (w/EM)	Damp	100,000 Hours (L70)	5-Year	$\geq 92\%$

Photometrics

For IES files and information, please visit Linear High Bay product page on www.lightfixtureindustries.com

Compatible Accessories

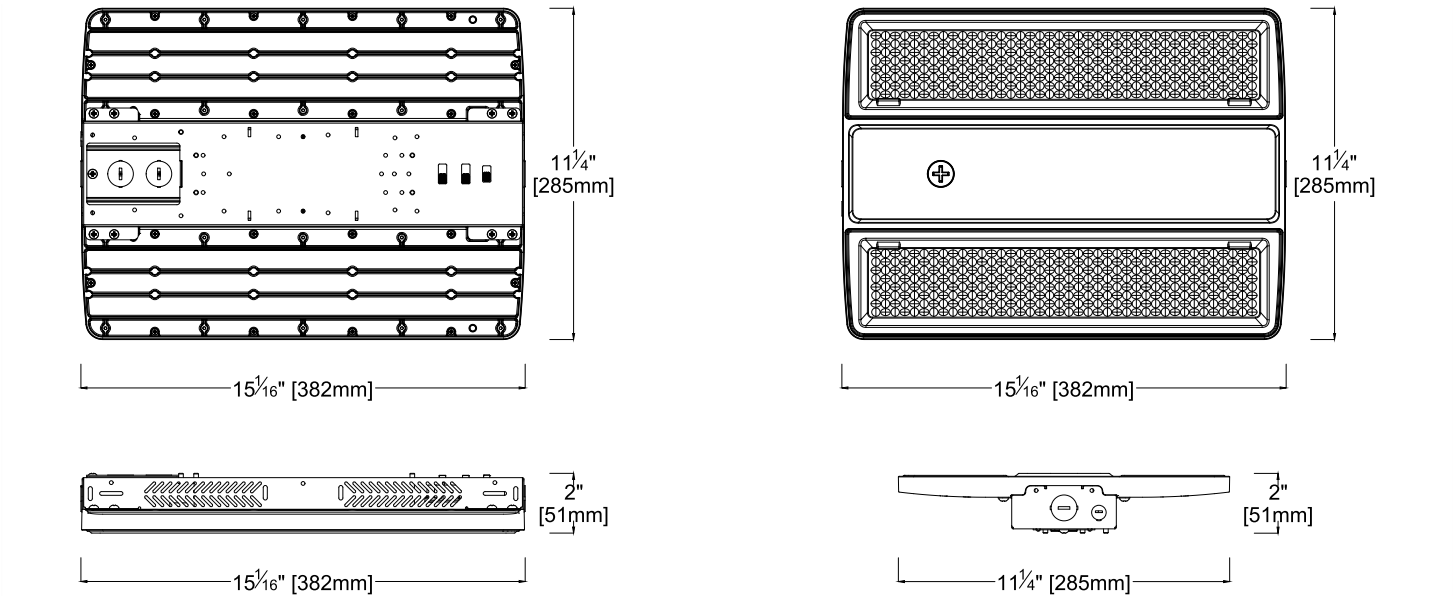
Accessory	105W	240W
Suspension Kit	ACC-LHB-SUS	ACC-LHB-SUS
Pendant Mount Kit	ACC-LHB-PMB	ACC-LHB-PMB
Wire Guard	ACC-LHB-WG-105	ACC-LHB-WG-240
PIR Sensor	SN-PIR-HB02DPR	SN-PIR-HB02DPR
Microwave Sensor	SN-MW-HB01DMS	SN-MW-HB01DMS
Sensor Remote	SN-REM-HB03R	SN-REM-HB03R
EM Driver*	EB-09-YH36A300	EB-16-YH36A300



*EM Driver unit only, to be installed in the field.

Fixture Dimensions

Standard Output



High Output

