

PRODUCT DESCRIPTION

LED Linear High Bay Pro offers a high lumen package at 160lm/W. This durable light is constructed of a sheet steel housing with a frosted lens and operates within a wide range of input voltage, 120-277 VAC or 200-480 VAC, using a reliable Meanwell driver, capable of 0-10V dimming. This fixture is easy to install using a wall mount bracket or suspension chains. The LED Linear High Bay Pro is an ideal one-to-one replacement for conventional HID and T8/T5 fluorescent lighting systems in large indoor spaces, including manufacturing, warehousing, commercial, and gymnasium applications with mounting heights ranging from 10 ft to 45 ft.

FEATURES

- Saves 45% energy compared with HID
- High-output LEDs and optics
- Uniform light levels for visual comfort
- Easy to maintain
- Flexible mounting option
- Designed for easy replacement of light engines and drivers
- Flexibility in design and installation

PERFORMANCE RATINGS AND CERTIFICATIONS

ETL CE, RoHS Listed, IP66 Rating

PERFORMANCE SUMMARY

Lumens: 16000, 19200, 32000, 48000

Lumens per Watt: 160

CRI-Minimum:

CCT: Cool White (5000K), Natural White (4000K), Warm White (3000K)

Watts: 100W, 200W, 300W, 400W

Operating Environment: -35°C to 50°C

Optical Distribution: 60° / 120° Viewing Angle



KIT INFORMATION

Finish: Sheet Steel Housing

Mounting: Suspended Chain Mount, Wall/ceiling mount (angle adjustable)

Dimensions: 100W: 11.54" x 12.50" x 3.94"

120W: 11.54" x 12.50" x 3.94"

200W: 22.37" x 12.50" x 3.94"

300W: 33.19" x 12.50" x 3.94"

ELECTRICAL SYSTEM CHARACTERIZATIONS

Voltage: 120 - 277VAC, 50/60 Hz, 200-480V AC (optional)

Dimming: 0-10V dimming (Optional)

Power Factor: >0.97

Total Harmonic Distortion: <15%

WARRANTY

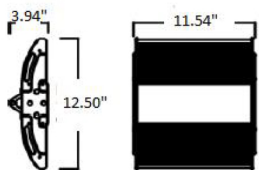
5 Year Standard Warranty

ORDERING MATRIX

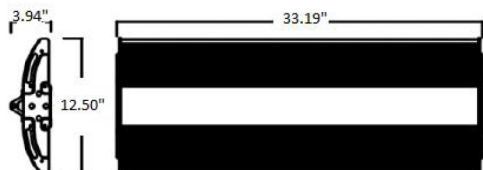
Example: ST-LHBPV1-100W-CW-MT-DM-WM

Family	Product	Watts	Color Temp	Voltage	Options	Mounting
ST	LHBPV1 = LED Linear Highbay Pro	100W 120W 200W 300W	CW = Cool White (5000K) NW = Natural White (4000K) WW = Warm White (3000K)	MT = 120-277VAC 50/60 Hz HV= 480VAC	DM = 0-10V Dimming	CH = Suspended Chain Mount WCM = Wall/ceiling mounted(angle adjustable)

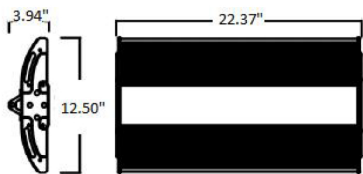
PRODUCT DIMENSIONS



100W/120W



300W



200W/240W

MOUNTING OPTIONS



CH = Suspended Chain Mount



WCM = Wall / Ceiling Mounted (angle adjustable)