

### 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

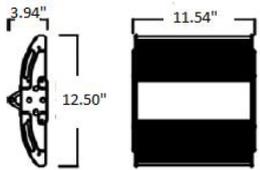
5 Year Standard Warranty

## ORDERING MATRIX

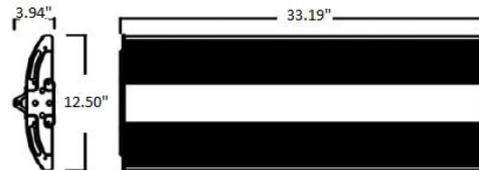
**Example:** ST-LHBPV1-100W-CW-MT-DM-WM

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)

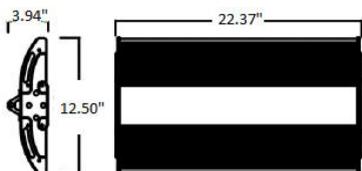
## PRODUCT DIMENSIONS



100W/120W



300W



200W/240W

## MOUNTING OPTIONS



CH = Suspended Chain Mount



WCM = Wall / Ceiling Mounted (angle adjustable)