PREMISE

LHB2-SERIES LINEAR HIGH BAY

OVERVIEW

The LHB2-Series Linear High Bay provides high efficacy and energy savings to projects that require optimized lighting in high ceiling applications. Available in both regular or narrow form factors, these linear high bays are the energy efficient replacements for traditional fluorescent fixtures and HID highbays.

PRODUCT HIGHLIGHTS

- High Efficacy 130+ lm/W
- Polycarbonate Lens
- 0-10V Dimmable
- Flexible mounting options
- Pre-installed disconnects
- **Pre-installed 10 ft 18/3 white cord**
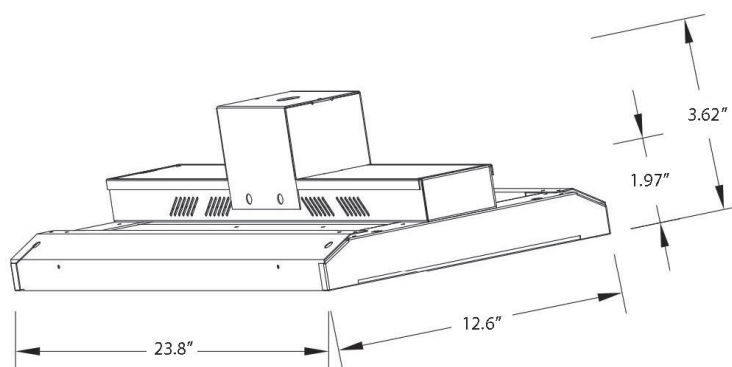- Chain Hanging Kit and Pendant Mount Kit Included

DLC QPL LISTED PREMIUM   c UL us LISTED   Dimmable   10 YEAR WARRANTY

OPTICAL SPECIFICATIONS

Lumen Output (lm) $_1$	10996	Beam Angle (°) $_1$	120°
CCT (K) $_1$	4000K	Projected Lifetime (L_{70})	50,000
CRI (Ra) $_1$	83.9	Chromaticity Shift	±200K
Efficacy (lm/W) $_1$	131.69 lm/W		

ELECTRICAL SPECIFICATIONS

Power	90W	Current Draw at 120V_{AC} (A) $_2$	0.79A
Apparent Power (VA)	87.2VA	Current Draw at 208V_{AC} (A) $_2$	0.45A
System Wattage (W)	83.5W	Current Draw at 240V_{AC} (A) $_2$	0.39A
Input Voltage	120-277V	Current Draw at 277V_{AC} (A) $_2$	0.34A
Replacement For	Up to 4-lamp T8/T12		

PRODUCT DIMENSIONS

3.62"
1.97"
12.6"
23.8"

PREMISE**LED**.COM

CONSTRUCTION

Housing Material	Powder Coated Galvanized Steel
Housing Color	White
Lens Material	Polycarbonate (PC)
Dimensions (inch/mm)	23.8" (L) x 12.6" (W) x 3.62" (H) 604mm (L) x 320mm (W) x 92mm (H)
Installation Method	V-Hook & Chain Hanging Kit Pendant Mount Kit 10 ft 18/3 white cord
Weight (kg/lbs)	4.7kg/10.36 lb
Operation Range (°F/°C)	-22°F to 122°F / -30°C to 50°C
Warranty	10 yrs

APPROVALS AND LISTINGS

DLC Premium	PAYTIN2J
UL/ETL	cETLus

LED AND DRIVER SPECIFICATIONS

LED (Brand)	Epistar
LED Design Origin	CHINA
LED Type	SMD2835
Dimmable	Y, (0-10V)
Output Voltage (VDC)	26-44V
Power Factor	0.9673
THD	11.07%
Surge Protection	2kV
Inrush Current (A)	30A
Driver Class	CLASS 2
Driver Brand	Arcata

PRODUCT KEY

LHB2 – ☐ – ☐ ☐ – ☐ – ☐ – Adders

Product Series

Wattage
- ☐ 90
- ☐ 135
- ☐ 170
- ☐ 220

CCT
- ☐ 4 - 4000K
- ☐ 5 - 5000K

Voltage
- ☐ 1 - 120-277V
- ☐ 2 - 200-480V
- ☐ 4 - 120V
- ☐ 5 - 240V
- ☐ 6 - 347V

Example: LHB2-904-1-W18320N08M1

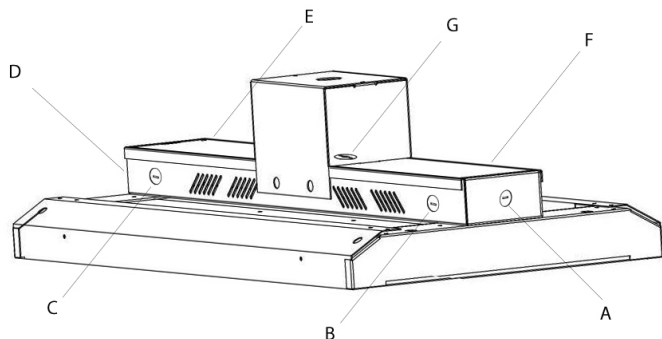### FACTORY INSTALLED ADDERS

Cord Adders

- ☐ W183xx* 18/3 300V White Cord, specify length
- ☐ W186xx* 18/3 600V White Cord, specify length

*xx denotes cord length in feet. The LHB2-Series comes with a pre-installed 10 foot cord. If a different length is required, indicate the cord length based on number of feet required.

Cord and Sensor Installation Positions

When ordering, please specify the knockout positions for cords and sensors.

*Fixture comes standard with a 10-foot cord located at Knockout C/F

Cord End Adders

☐	N01	5-15P 125V 15A Straight Plug
☐	N02	6-15P 250V 15A Straight Plug
☐	N04	L5-15P 125V 15A Locking Plug
☐	N05	L6-15P 250V 15A Locking Plug
☐	N06	L7-15P 277V 15A Locking Plug
☐	N07	5-20P 125V 20A Straight Plug
☐	N08	6-20P 250V 20A Straight Plug
☐	N09	7-20P 277V 20A Straight Plug
☐	N10	L5-20P 125V 20A Locking Plug
☐	N11	L6-20P 250V 20A Locking Plug
☐	N12	L7-20P 277V 20A Locking Plug
☐	N13	L24-20P 347V 20A Locking Plug
☐	N14	L8-20P 480V 20A Locking Plug

Motion Sensor Adders

☐	M1	PIR Motion Sensor (ON/OFF)

1. Due to the special conditions of manufacturing, the typical data of optical specifications can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.
2. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.
3. Refer to Warranty Terms & Conditions available at premiseled.com/warranty

Specifications and dimensions subject to change without notice.

3401 ENTERPRISE PARKWAY
BEACHWOOD, OH USA 44122

80-86 CARRIER DRIVE
TORONTO, ON CANADA M9W 5R1

OPTIONAL ACCESSORIES

LHB-WG-01	Wire Guard for 90W and 135W models	LHB-WG-02	Wire Guard for 170W and 220W models

CANDELA	ILLUMINANCE AT A DISTANCE

Polar Candela Distribution

■ - 0° H
■ - 90° H

Distance	Illuminance
6.6ft / 2M	98.23 fc / 1057.30 LUX
9.8ft / 3M	43.66 fc / 469.91 LUX
13.1ft / 4M	24.56 fc / 264.33 LUX
16.4ft / 5M	15.72 fc / 169.17 LUX
19.7ft / 6M	10.91 fc / 117.48 LUX