



Project	
Date	
Prepared by	
Model #	LHB-2234-1

LHB-SERIES LINEAR HIGH BAY

OVERVIEW

The LHB-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
- Acrylic Diffuser
- 0-10V Dimmable
- Flexible mounting options
- Pre-installed disconnects
- Damp location rated



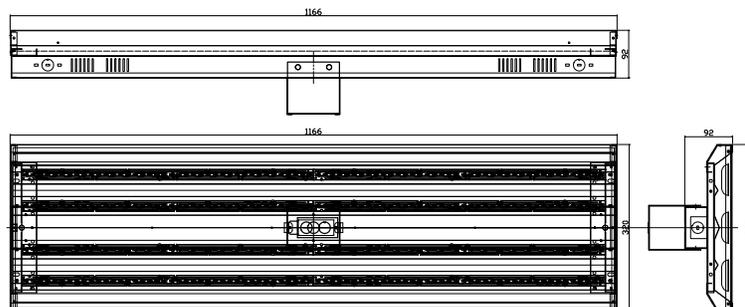
OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	27877	Beam Angle (°) ₁	110 deg
CCT (K) ₁	4000K	Projected Lifetime (L ₇₀)	>70,000 hrs
CRI (Ra) ₁	82.9	Lumen Maintenance Factor	70%
Efficacy (lm/W) ₁	128.8 lm/W	Chromaticity Shift	+/-50K

ELECTRICAL SPECIFICATIONS

Power	223W	Current Draw at 120V _{AC} (A) ₂	2.15A
Apparent Power (VA)	234VA	Current Draw at 208V _{AC} (A) ₂	1.24A
System Wattage (W)	216.45W	Current Draw at 240V _{AC} (A) ₂	1.10A
Input Voltage	120-277VAC	Current Draw at 277V _{AC} (A) ₂	0.93A

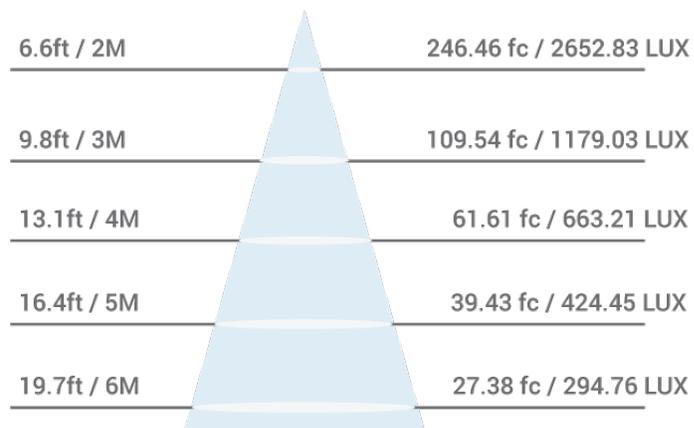
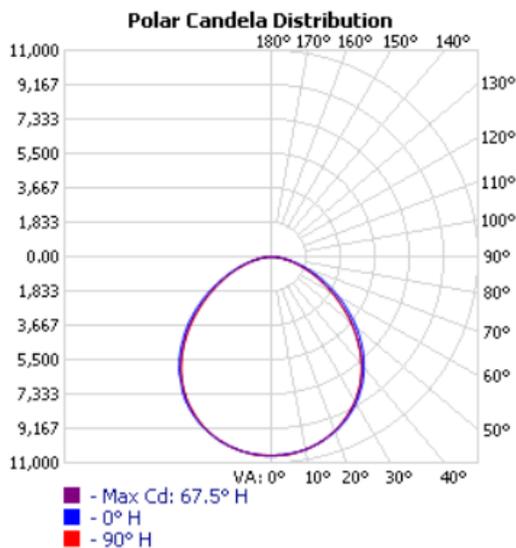
PRODUCT DIMENSION



CONSTRUCTION		APPROVALS AND LISTINGS	
Housing Material	Powder Coated Galvanized Steel	DLC Premium	PLHH4WP9UWWC
Housing Color	White	Damp Location Rated	Yes
Lens Material	Acrylic (PMMA)	UL/ETL	cULus
Dimensions (inch/mm)	46" (L) x 12.7" (W) x 3.7" (H) / 1168mm (L) x 323mm (W) x 94mm (H)	Rated Lifetime¹	
Installation Method	V-Hook & Chain Hanging Kit (included)	Models	Lumen Output = 90% of Initial (L ₉₀) ² Lumen Output = 70% of Initial (L ₇₀) ²
Operation Range (°F/°C)	-20C to 50C / -4F to 122F	All LHB	>30,000 hrs >60,000 hrs
Warranty	10 years	<p>1. Rated Lifetime projected the time need for the fixture to drop its lumen output to 90% and 70% of its initial value, which was measured based on IESNA LM-79-80 luminaire test report.</p> <p>2. Calculations based on TM-21 Projection and IESNA LM-80-08 LED test report, estimated rated lifetime (hours) at TA=25oC (ambient temperature)</p>	

LED AND DRIVER SPECIFICATIONS			
LED (Brand)	Seoul Semiconductors	Power Factor	0.9649
LED Design Origin	South Korea	THD	8.53%
LED Type	SMD 3528	Surge Protection	2.5 kV
Dimmable	0-10VDC	Inrush Current (A)	Cold Start 130A at 120VAC
Out Voltage (VDC)	30-45VDC	Driver Class	Class 2

CANDELA	ILLUMINANCE AT A DISTANCE
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OPTIONAL ACCESORIES	
LHB-WG178	Wire guard for LHB-178 & LHB-223 models
LHB-CK1	Chain Hanging Kit for LHB-135 & LHB-223
LHB-PMK	Pendant Mount Kit for LHB-Series

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.

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