



Project	
Date	
Prepared by	
Model #	LHB3-2205-1-W110

LHB3-SERIES LINEAR HIGH BAY



OVERVIEW

The LHB3-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
- Frosted Diffuser for soft, uniform light output
- 1-10V Dimmable
- Instant start, no flickering or humming
- Chain kit included
- Optional mounting options: pendant mount kit, threaded rod kit, ganging kit
- Optional accessories: wireguards, emergency battery backup kit

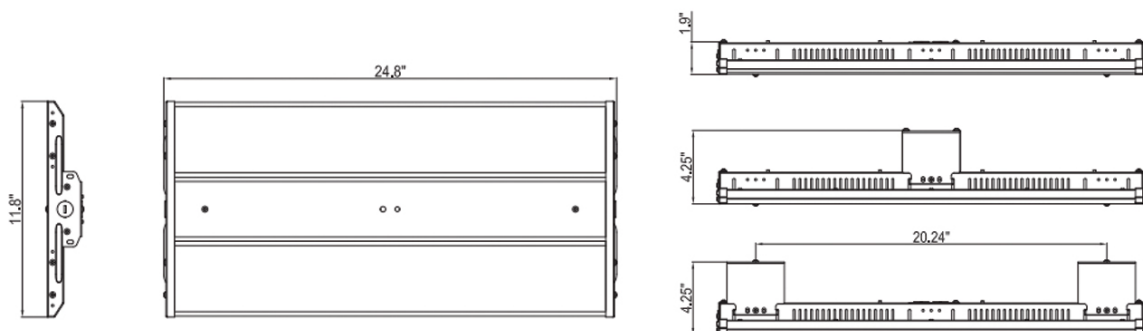
OPTICAL SPECIFICATIONS

Lumen Output (lm)	30769 lm	Beam Angle (°)	100°
CCT (K)	5000K	Projected Lifetime (L ₇₀)	50,000 hours
CRI (Ra)	81	Chromaticity Shift (K)	±275
Efficacy (lm/W)	142 lm/W		

ELECTRICAL SPECIFICATIONS







Power	220W	Current Draw at 120V _{AC} (A)	1.88A
Apparent Power (VA)	221.6VA	Current Draw at 208V _{AC} (A)	1.05A
System Wattage (W)	216.1W	Current Draw at 240V _{AC} (A)	0.91A
Input Voltage	120-277VAC	Current Draw at 277V _{AC} (A)	0.8A
Replacement For	6 lamp T5 HO or 400W+ MH		

PRODUCT DIMENSIONS

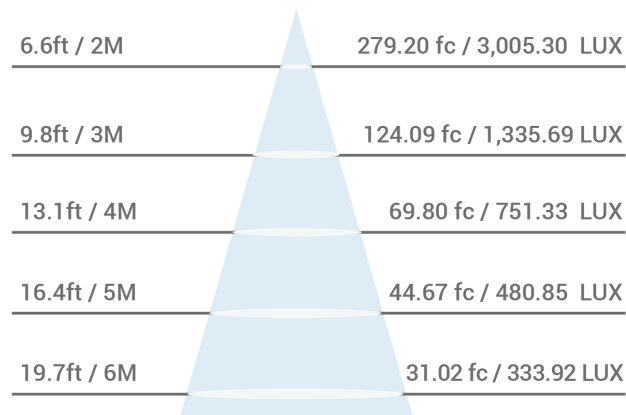
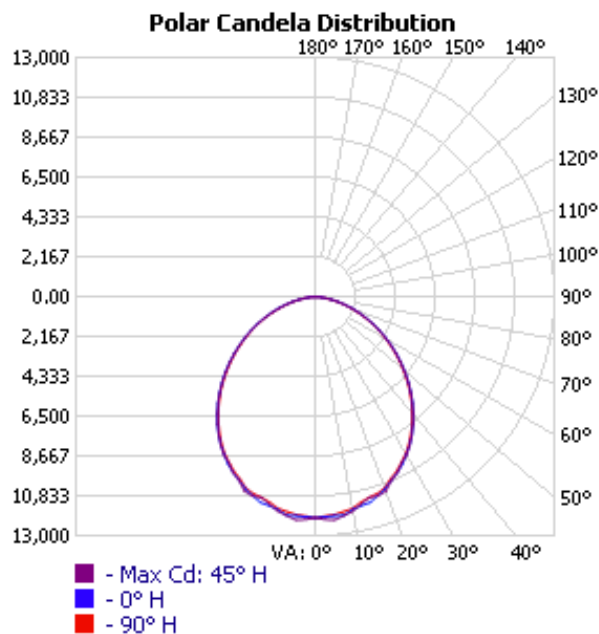


CONSTRUCTION		LED AND DRIVER SPECIFICATIONS	
Housing Material	Iron	LED Type	Lumileds 2835
Housing Color	White	Dimmable	1-10V
Lens Material	PMMA	Output Voltage (VDC)	30-44V
Dimensions (inch/mm)	24.8" x 11.8" x 1.9" 630mm x 300mm x 48mm	Power Factor	0.9
Installation Method	Includes 10-foot white cord Surface Mounting Chain Kit (included) Pendant Kit (optional) Thread Rod Kit (optional) Ganging Kit (optional)	THD	10%
		Surge Protection	L-N:2KV L/N-PE:4KV
		Inrush Current (A)	120V(MAX110A) 220V(MAX160A) 277V(MAX170A)
Weight (kg/lbs)	4kg/8.8lbs	Driver Class	Class 2
Operation Range (°F/°C)	-40°C to 50°C / -40°F to 122°F	APPROVALS AND LISTINGS	
Warranty	10 Years	DLC Premium	P3IOC211
		UL/ETL	cULus

OPTIONAL ACCESSORIES

	LHB-WG22033	Wireguards for all 220W models		LHB-TRSMK13	Surface Mount/Threaded Rod Kit for 100-277V models
	LHB-PMK13	Pendant Mount Kit for 100-277V models		LHB-ACK3	Aircraft Cable Kit for all models
	LHB-GK3	Ganging Kit for all models		LHB-20EB3	20W Emergency Battery Backup Kit for 100-277V models

CANDELA ILLUMINANCE AT A DISTANCE



PRODUCT KEY

LHB3	-			-		-		Adders
Product Series		Wattage		Voltage				
		<input type="checkbox"/> 90 <input type="checkbox"/> 135 <input type="checkbox"/> 165 <input type="checkbox"/> 220	CCT	<input type="checkbox"/> 1 - 120-277V <input type="checkbox"/> 2 - 200-480V				
		<input type="checkbox"/> 4 - 4000K <input type="checkbox"/> 5 - 5000K						

Example LHB3-904-1-W150N01M1EB1

FACTORY INSTALLED ADDERS

Cord Adders

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

*xx denotes cord length in feet. The LHB3-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 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

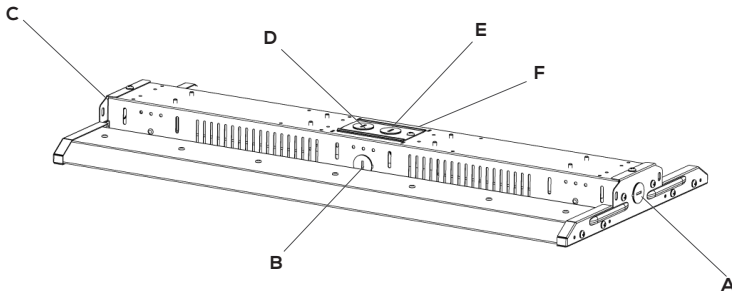
- ☐ M1 PIR Motion Sensor (ON/OFF)
- ☐ M4 Microwave Motion Sensor 120-277V
- ☐ M5 Microwave Motion Sensor 347-480V

Emergency Battery Adders

- ☐ EB1 20W Emergency Battery Backup (100-277V only)

Cord and Sensor Installation Position

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



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