



Project	
Date	
Prepared by	
Model #	VPHB1-42005-3

VPHB1-SERIES VAPOR PROOF LINEAR HIGH BAY FIXTURE



OVERVIEW

The VPHB1-Series Vapor Proof Linear High Bay is a dependable, energy efficient luminaire designed to be used in environments subject to high levels of moisture and dust.

PRODUCT HIGHLIGHTS

- 4 foot length
- 80+ CRI
- Polycarbonate housing and diffuser
- Ready for ceiling or wall mounting
- Suitable for -40 °C to 40 °C



OPTICAL SPECIFICATIONS

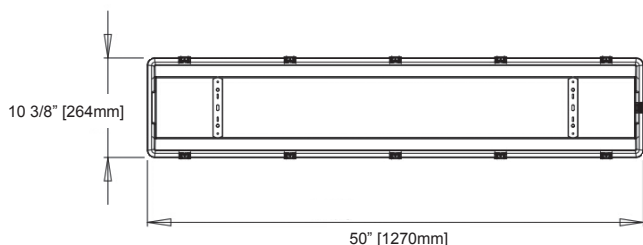
Lumen Output (lm) ₁	31,259 lm	Beam Angle (°) ₁	105°
CCT (K) ₁	5000K	Lumen Maintenance (L ₇₀)	>50,000 hours
CRI (Ra) ₁	80+	Chromaticity Shift	±283
Efficacy (lm/W) ₁	150 lm/W		

ELECTRICAL SPECIFICATIONS

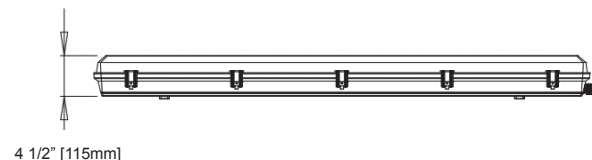
Power	200W	Current Draw at 120V _{AC} (A) ₂	1.85A
Apparent Power (VA)	215VA	Current Draw at 208V _{AC} (A) ₂	1.06A
System Wattage (W)	208W	Current Draw at 240V _{AC} (A) ₂	0.95A
Input Voltage	120-347V	Current Draw at 277V _{AC} (A) ₂	0.85A
Replacement For	4/6 lamp 32W T8 Vapor Proof High Bay	Current Draw at 347V _{AC} (A) ₂	0.75A
Output Voltage (VDC)	30-50V		

PRODUCT DIMENSIONS

Top View

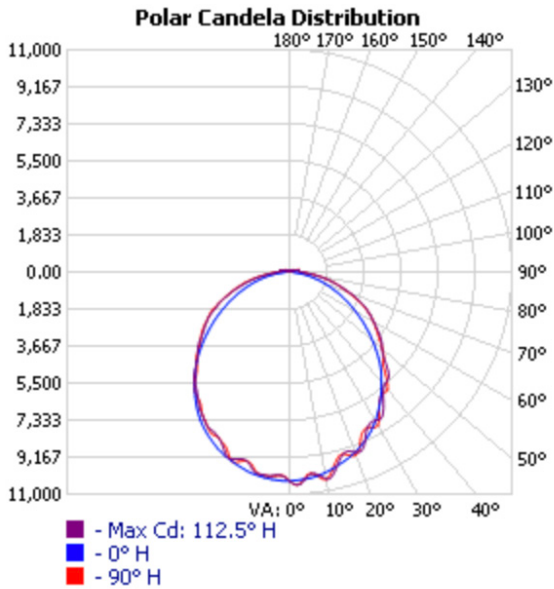


Side View



CONSTRUCTION		LED AND DRIVER SPECIFICATIONS	
Housing Material	Polycarbonate	LED Type	2835
Housing Color	Gray	Dimmable	Yes, 0-10V
Lens Material	Polycarbonate	Power Factor	>0.9
Dimensions (inch/mm)	L: 50" (1270mm) W: 10 3/8" (264mm) H: 4 1/2" (115mm)	THD	15%
		Surge Protection	L-N: 4kV; L&N-PE: 6kV
Weight (kg/lbs)	6.9 kg / 15.1lbs	Inrush Current (A)	<60A
Installation Method	Surface mount, chain mount	Driver Class	Class 2
Operation Range (°F/°C)	-40°C to 40°C -40°F to 104°F		
Warranty	10 years		

APPROVALS AND LISTINGS			
Wet Location Rated	Yes	Damp Location Rated	Yes
UL/ETL	cETLus	IK Rating	IK10
IP Rating	IP66	NSF Rating	NSF/ANSI 2 - Food Equipment
DLC Premium	PZVCSF53	NEMA Enclosure Type	NEMA 4X
CANDELA		ILLUMINANCE AT A DISTANCE	



ILLUMINANCE AT A DISTANCE					
HEIGHT(FT)	CENTER BEAM	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	646.16 FC	11.6	10.1	95.7	42.3
8.00	161.54 FC	23.3	20.2	191.4	84.5
12.00	71.80 FC	34.9	30.3	287.1	126.8
16.00	40.38 FC	46.5	40.4	382.9	169.0
20.00	25.85 FC	58.2	50.6	478.6	211.3
		BEAM ANGLE		FIELD ANGLE	
		111.0°	103.3°	170.4°	158.6°

PRODUCT KEY

Product Series	Length	Wattage	CCT	Voltage	Factory Installed Options
VPHB1	4			3	
	☐ 4 : 48"	☐ 150 : 150W ☐ 200 : 200W	☐ 4 : 4000K ☐ 5 : 5000K	☐ 3 : 120-347V	

Note: add factory installed options in sequence listed
Example: VPHB1-41504-3-W201-M5

FACTORY INSTALLED OPTIONS

Custom Cord Lengths

Blank - Default, 6' cord

- ☐ -W1xx* - 300V 18/3 STW White Cord
- ☐ -W2xx* - 600V 18/3 STW White Cord

*provide desired cord length in "xx" feet up to 99' max.

Cord Ends

- ☐ -N01 125V 15A Straight Plug
- ☐ -N02 250V 15A Straight Plug
- ☐ -N04 125V 15A Locking Plug
- ☐ -N05 250V 15A Locking Plug
- ☐ -N06 277V 15A Locking Plug
- ☐ -N07 125V 20A Straight Plug
- ☐ -N08 250V 20A Straight Plug
- ☐ -N09 277V 20A Straight Plug
- ☐ -N10 125V 20A Locking Plug
- ☐ -N11 250V 20A Locking Plug
- ☐ -N12 277V 20A Locking Plug
- ☐ -N13 347V 20A Locking Plug

Motion Sensors

- ☐ -M4 120-277V Microwave Motion Sensor
- ☐ -M5 347-480V Microwave Motion Sensor
- ☐ -M8 120-277V Behind the Lens Microwave Motion Sensor

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

RD: 04/15/2020