



Project	
Date	
Prepared by	
Model #	VPHB1-41505-3

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 °F



OPTICAL SPECIFICATIONS

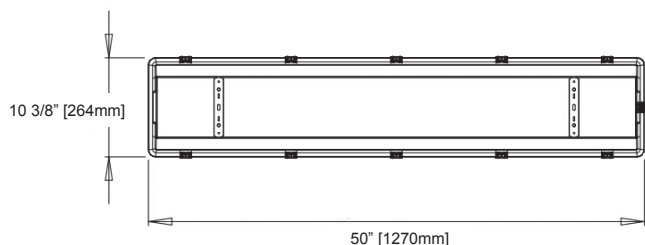
Lumen Output (lm) ₁	20,223 lm	Beam Angle (°) ₁	110°
CCT (K) ₁	5000K	Lumen Maintenance (L ₇₀)	>50,000 hours
CRI (Ra) ₁	80+	Chromaticity Shift	105
Efficacy (lm/W) ₁	134 lm/W		

ELECTRICAL SPECIFICATIONS

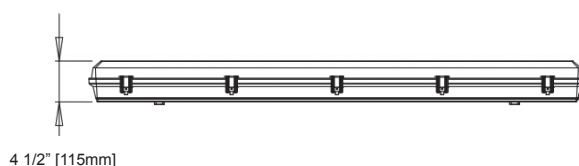
Power	150W	Current Draw at 120V _{AC} (A) ₂	1.3A
Apparent Power (VA)	161VA	Current Draw at 208V _{AC} (A) ₂	0.77A
System Wattage (W)	149.6W	Current Draw at 240V _{AC} (A) ₂	0.66A
Input Voltage	120-347V	Current Draw at 277V _{AC} (A) ₂	0.6A
Replacement For	4/6 lamp 32W T8 Vapor Proof High Bay	Current Draw at 347V _{AC} (A) ₂	0.5A
Output Voltage (VDC)	30-47VDC		

PRODUCT DIMENSIONS

Top View



Side View

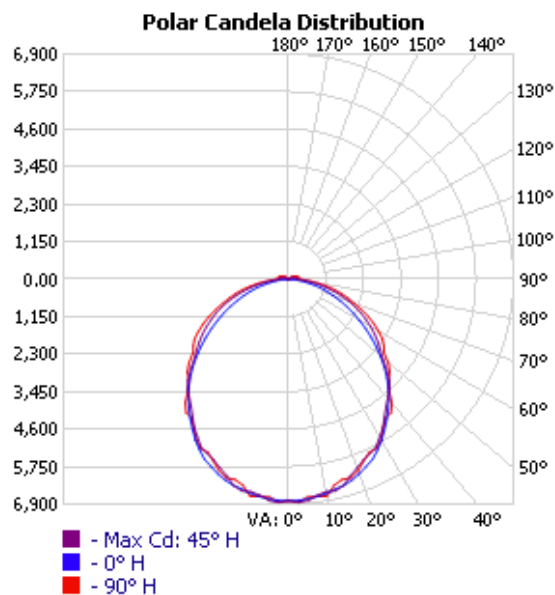


CONSTRUCTION		LED AND DRIVER SPECIFICATIONS	
Housing Material	Polycarbonate	LED Type	2835
Housing Color	Gray	Dimmable	Yes, 0-10V
Lens Material	Polycarbonate	Power Factor	0.92
Dimensions (inch/mm)	L: 50" (1270mm) W: 10 2/5" (264mm) H: 4 1/2" (115mm)	THD	13%
		Surge Protection	2.5kV
Weight (kg/lbs)	6.3 kg / 13.8 lbs	Inrush Current (A)	30A
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	PN155GO5	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	424.47 FC	12.4	10.3	93.8	41.8
8.00	106.12 FC	24.9	20.7	187.5	83.7
12.00	47.16 FC	37.3	31.0	281.3	125.5
16.00	26.53 FC	49.8	41.4	375.0	167.4
20.00	16.98 FC	62.2	51.7	468.8	209.2
		BEAM ANGLE		FIELD ANGLE	
		114.5°	104.6°	170.2°	158.4°

PRODUCT KEY

Product Series	Length	Wattage	CCT	Voltage	Factory Installed Options
VHB1	☐ 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.

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