



Project	
Date	
Prepared by	
Model #	VP2-4465-3

VP2-SERIES VAPOR PROOF LINEAR FIXTURE



OVERVIEW

The VP2-Series Vapor Proof 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
- Rated for -40°C to 40°C ambient



OPTICAL SPECIFICATIONS

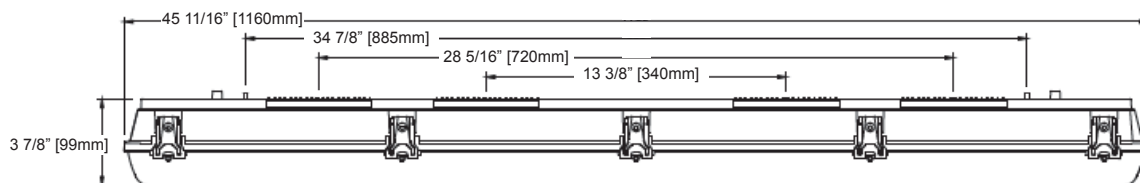
Lumen Output (lm) ₁	6,002 lm	Beam Angle (°) ₁	110°
CCT (K) ₁	5000K	Lumen Maintenance (L ₇₀)	>54,000 hours
CRI (Ra) ₁	80+	Chromaticity Shift	±105K
Efficacy (lm/W) ₁	135 lm/W	Replacement For	4 foot 2 lamp 32W T8

ELECTRICAL SPECIFICATIONS

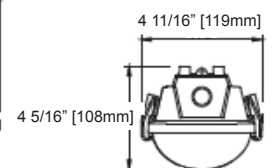
Power	46W	Current Draw at 120V _{AC} (A) ₂	0.45A
Apparent Power (VA)	47VA	Current Draw at 208V _{AC} (A) ₂	0.25A
System Wattage (W)	45.05W	Current Draw at 240V _{AC} (A) ₂	0.23A
Input Voltage	120-347V	Current Draw at 277V _{AC} (A) ₂	0.20A
Output Voltage (VDC)	25-42VDC	Current Draw at 347V _{AC} (A) ₂	0.15A

PRODUCT DIMENSION

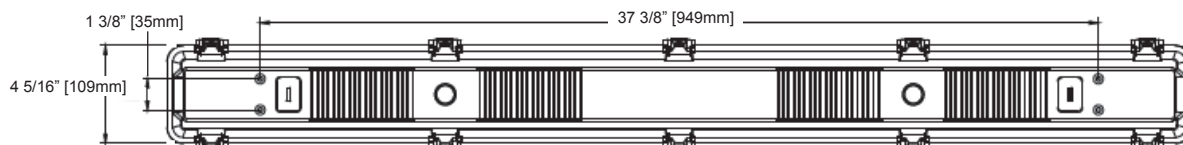
Side View



End View

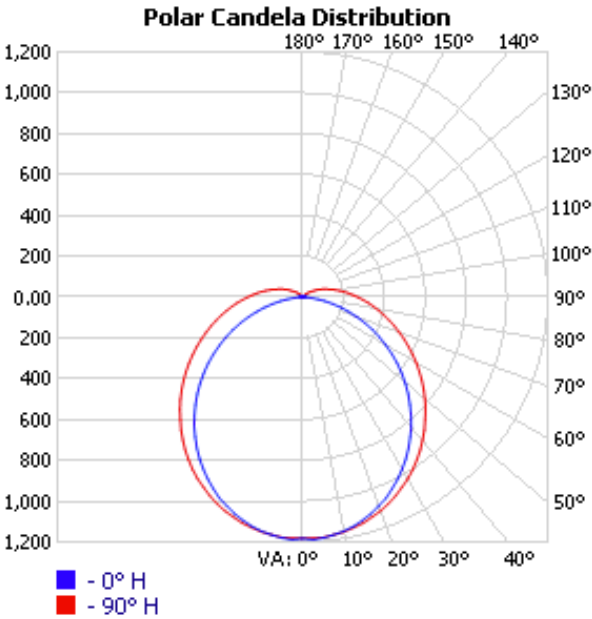


Top View



CONSTRUCTION		LED AND DRIVER SPECIFICATIONS	
Housing Material	Polycarbonate	LED Type	SMD
Housing Color	Gray	Dimmable	Yes, 0-10 V
Lens Material	Polycarbonate	Power Factor	>0.9
Dimensions (inch/mm)	L: 45 11/16" (1160mm) W: 4 11/16" (120mm) H: 4 5/16" (108mm)	THD	16.21%
		Surge Protection	LN-G: 2kV; L-N: 1kV
Weight (kg/lbs)	2.4 kg / 5.3 lbs	Inrush Current (A)	50A
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			
DLC Premium	PHOHOKAY	Damp Location Rated	Yes
Wet Location Rated	Yes	IK Rating	IK10
UL/ETL	cETLus	NSF Rating	Yes
IP Rating	IP66	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	73.86 FC	15.9	10.8		43.2
8.00	18.47 FC	31.8	21.5		86.4
12.00	8.21 FC	47.6	32.3		129.6
16.00	4.62 FC	63.5	43.1		172.8
20.00	2.95 FC	79.4	53.8		215.9
		BEAM ANGLE		FIELD ANGLE	
		126.5°	106.8°	N/A	159.0°

PRODUCT KEY

Product Series	Length	Wattage	CCT	Voltage	Factory Installed Options
VP2				3	
	☐ 4 : 48" ☐ 8 : 96"	☐ 32 : 32W ☐ 46 : 46W ☐ 65 : 65W	☐ 4 : 4000K ☐ 5 : 5000K	☐ 3 : 120-347V	Note: add factory installed options in sequence listed Example: VP2-4324-3-N01-M4

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

**Motion sensor not available with Length option "8"

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