

VT2-20

LED Vaportite

Product Description

The VT2 LED Wet Location Linear Vaportite is designed to deliver the efficiency and crisp light quality of the latest LED technology and is suitable for both indoor and outdoor applications. The VT2 is engineered with advanced diffusers which eliminate glare or hotspots, providing a uniform distribution of light. In addition, the VT2 can be surface mounted or suspended with aircraft cable. The IP66-rated fixture is designed to replace less-efficient fluorescent strip lights in car wash operations, airports, tunnels, maintenance areas, parking garages, and stairwells.

Construction

- Extruded aluminum with polycarbonate corrosion resistant covering withstands exposure to a variety of chemicals and weather
- Two access ports for wiring and motion sensor installation

Optical System

- Optically engineered to eliminate glare and LED hotspots using high efficiency frosted diffuser

Electrical

- High efficacy using latest generation mid-power LED's
- Operating temperature rating of -17°F to 110°F (-27°C to 43°C)
- Universal input 120-277VAC
- 1-10VDC dimming
- Pre-wired for through wiring
- TM-21 Projected L70(9k) life >54,000 hours
- LM-79, LM-80 testing performed in accordance with IESNA standards

Finish

- Gloss white polycarbonate body

Installation

- Surface mount installation via spring steel clips
- Can be surface mounted to walls and ceilings for application variability
- Suspension cable kit available

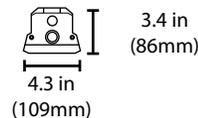
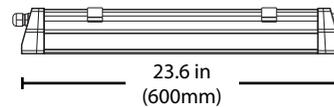
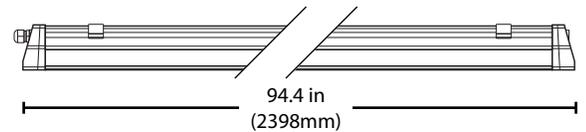
Warranty

Project

Catalog

Type

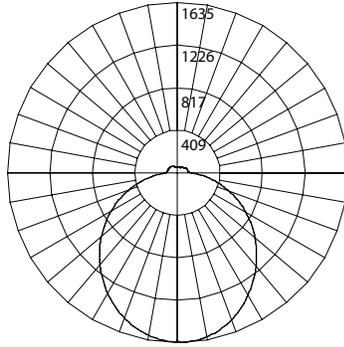
Date



Photometric Data

VT2-20 4000K 4'

Input Voltage (VAC)	120-277
System Level Power (W)	46.0
Delivered Lumens (Lm)	5894
System Efficacy (Lm/W)	128.1
Correlated Color Temp (K)	4004
Color Rendering Index (CRI)	82
Beam Angle (0°)	110.8°
Beam Angle (90°)	122.1°
Spacing Criteria (0°)	1.24
Spacing Criteria (90°)	1.26



Intensity Summary (Candle Power)

Angle	Along	Across
0	1618	1618
15	1537	1540
30	1334	1362
45	1040	1109
60	692	824
75	325	519
90	20	255
105	12	220
120	21	189
135	27	156
150	35	119
165	46	71
180	51	51

CCT Data Multiplier

VT2-20-4-UNV-35K	0.948
VT2-20-4-UNV-50K	1.030

Length Multiplier

VT2-20-2-UNV	0.456
VT2-20-8-UNV	1.978

Cone of Light Tabulation

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	83.5	4.8
6	37.1	7.1
8	20.9	9.4
10	13.4	11.7
12	9.3	14.1
14	6.8	16.4
16	5.2	18.7

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	1247	21.6%
0-40	2043	35.5%
0-60	3669	63.7%
0-90	5053	87.7%
90-180	708	12.3%
0-180	5760	100.0%

Performance Data

Model Number	Lumens	Watts	Lumens/Watt
VT2-20-2-UNV-35K	2548		121.3
VT2-20-2-UNV-40K	2688	21.0	128.0
VT2-20-2-UNV-50K	2769		131.8
VT2-20-4-UNV-35K	5588		121.5
VT2-20-4-UNV-40K	5894	46.0	128.1
VT2-20-4-UNV-50K	6071		131.9
VT2-20-8-UNV-35K	11052		121.5
VT2-20-8-UNV-40K	11658	91.0	128.1
VT2-20-8-UNV-50K	12008		131.9

Ordering Information

Example: VT2-20-4-UNV-50K-WH

Series	Version	Length	Voltage	CCT	Finish
VT2	20	2 (2 foot)	UNV (120-277 V)	35K (3500K)	WH (white)
		4 (4 foot)		40K (4000 K)	
		8 (8 foot)		50K (5000 K)	

Specifications and dimensions subject to change without notice.

Accessories

accessories sold separately

VT2.2 SS CONDENSATION VALVE	VT2-20-VALVE
2 PCS VT2 HANGING CABLE	VT2-CABLE

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.