

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
- IP66 rated
- Operating temperature rating of 0°F to 104°F (-18°C to 40°C)
- Meets NSF/ANSI 2 Classification for Fabricated Food Service Equipment

Optical System

- High efficiency frosted diffuser that eliminates glare and hotspots
- Diffuser provides a beam angle of 117.6 at 0° and 106.1 at 90°
- Optical distribution provides 10% uplight
- CCT = 4000K, 5000K. CRI = 83

Electrical

- Input voltage of 120-277VAC 50/60Hz
- PF > 0.9, THD < 20%
- Delivers full range dimming via 0-10VDC
- Pre-wired for through wiring for easy continuous run installation
- Continuous Run Maximum fixtures
 - Normal Continuous Runs: 2ft = 40 fixtures, 4ft = 20 fixtures, 8ft = 10 fixtures
 - Continuous Runs with NICOR microwave sensor: 2ft = 20 fixtures, 4ft = 10 fixtures, 8ft = 5 fixtures

Mounting and installation

- Surface mounting brackets included 2ft = 2pcs, 4ft = 3pcs, 8ft = 6pcs
- 2 water tight wiring glands included with each fixture
- Suspended cable mounting kit available (sold separately)
- Optional condensation valve available (sold separately)
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions

Finish

- Gloss white polycarbonate body

Warranty

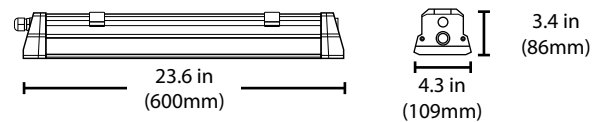
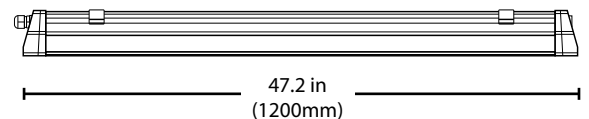
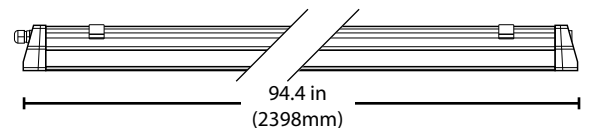
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge.)

Project

Catalog

Type

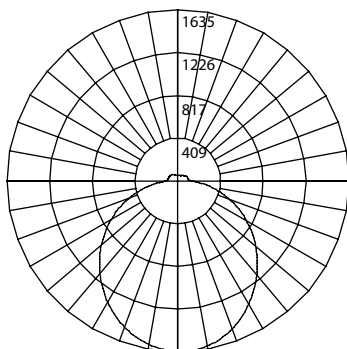
Date



Photometric Data

VT2-20 5000K 4'

Input Voltage (VAC)	120-277
System Level Power (W)	45
Delivered Lumens (Lm)	6155
System Efficacy (Lm/W)	137
Correlated Color Temp (K)	5047
Color Rendering Index (CRI)	83
Beam Angle (0°)	117.6°
Beam Angle (90°)	106.1°
Spacing Criteria (0°)	1.22
Spacing Criteria (90°)	1.26



Intensity Summary (Candle Power)

Angle	Along	Across
0	1864	1864
15	1780	1778
30	1521	1566
45	1156	1256
60	735	910
75	298	539
90	6	259
105	7	219
120	13	179
135	19	138
150	26	102
165	33	58
180	30	30

CCT Data Multiplier

VT2-20-4-UNV-40K	.994
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Length Multiplier

VT2-20-2-UNV	0.473
VT2-20-8-UNV	2.052

Cone of Light Tabulation

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	116.5	5.1
6	51.8	7.5
8	29.6	10.0
10	18.6	12.5
12	12.9	15.1
14	9.5	17.5
16	7.2	20.3

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	1429	23.2%
0-40	2328	37.8%
0-60	4120	66.9%
0-90	5503	89.4%
90-180	652	10.6%
0-180	6155	100.0%

Fixture tested per LM-79-08. Photometric data is of the performance of a representative fixture. Results may vary in the field.

Performance Data

Model Number	Lumens	Watts	Lumens/Watt
VT2-20-2-UNV-40K	2864	21	140
VT2-20-2-UNV-50K	2911	21	142
VT2-20-4-UNV-40K	6117	45	137
VT2-20-4-UNV-50K	6155	45	137
VT2-20-8-UNV-40K	12685	89	141
VT2-20-8-UNV-50K	12630	89	142

Current Draw

Model Number	Voltage	Current Draw (Amps)
VT2-20-2	120	.175
	208	.100
	240	.088
	277	.076
VT2-20-4	120	.375
	208	.216
	240	.188
	277	.162
VT2-20-8	120	.741
	208	.428
	240	.371
	277	.321

Specifications and dimensions subject to change without notice.

Ordering Information

Example: VT2-20-2-UNV-40K-WH

Series	Version	Length	Voltage	CCT's	Finish
VT2	20	2 (2 foot)	UNV (120-277)	40K (4000 K)	WH (White)
		4 (4 foot)		50K (5000 K)	
		8 (8 foot)			

Accessories

VT2.2 STAINLESS STEEL CONDENSATION VALVE	VT2-20-VALVE
2 PCS VT2 HANGING CABLE	VT2-CABLE
MICROWAVE OCCUPANCY SENSOR WITH REMOTE CONTROL	MWOS360R
REMOTE CONTROL HANDSET	MWOS-REMOTE

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.