

Date:	Project:	Type:	Notes:	Catalog #:
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L27600 SERIES LED VAPORTITE

The L27600 LED Vaportite is designed to minimize horizontal surfaces and latch pockets prone to retaining debris. Perfect for applications requiring wash-ability and hose down.



Features & Specifications

Applications

Ideal for use in food processing facilities, cold & freezer storage, car washes, canopies, manufacturing, health clubs, laundry and distribution centers.

Construction

Polycarbonate diffused lens and polycarbonate enclosure. Stainless steel latches and continuous poured-in-place gasket seal to protect from most hostile environments.

Mounting

Stainless steel mounting brackets included. Various mounting options available including suspension, pendant, and surface mount. Cord and plug options offered.

Electrical

Utilizes high-efficiency LED power supply and circuit boards. 120-277V & 0-10V dimming standard. 50/60HZ input frequency.

Operating Temperature

Suitable for -40°C – 50°C Ambient

Lumen Maintenance

L70 rating of 100,000 hours

Warranty

Five-year warranty. Terms and Conditions Apply. See warranty documentation for more information.

Certification

UL Wet Listed. Adheres to LM79, LM80 and TM21 industry standards. DesignLights Consortium® (DLC) qualified¹. RoHS compliant, NSF and IP65 rated.

Performance Data

Form Factor	Rated Wattage	Tested Wattage	Delivered Lumens	Efficacy	CRI
2FT	20W	20W	2,600 LM	130 LPW	>80
4FT	25W	25W	3,250 LM	130 LPW	>80
4FT	34W	34W	4,420 LM	130 LPW	>80
4FT	38W	38W	4,940 LM	130 LPW	>80
4FT	45W	45W	5,850 LM	130 LPW	>80
4FT	52W	52W	6,760 LM	130 LPW	>80
4FT	65W	65W	8,450 LM	130 LPW	>80
8FT	46W	46W	5,980 LM	130 LPW	>80
8FT	65W	65W	8,450 LM	130 LPW	>80
8FT	75W	75W	9,750 LM	130 LPW	>80
8FT	90W	90W	11,700 LM	130 LPW	>80



Catalog Ordering

Sample Part # L27648-38W-40K-S5

L276								
1	2	3	4	5	6	6	6	6

1 - Series	2 - Length in Inches/Wattage	3 - Color Temp (CCT)	4 - Version
L276	24 - 20W (2 Foot, 20 Watt) 48 - 25W (4 Foot, 25 Watt) 48 - 34W (4 Foot, 34 Watt) 48 - 38W (4 Foot, 38 Watt) 48 - 45W (4 Foot, 45 Watt) 48 - 52W (4 Foot, 52 Watt) 48 - 65W (4 Foot, 65 Watt) 96 - 46W (8 Foot, 46 Watt) 96 - 65W (8 Foot, 65 Watt) 96 - 75W (8 Foot, 75 Watt) 96 - 90W (8 Foot, 90 Watt)	35K (3500 Kelvin Temp) 40K (4000 Kelvin Temp) 50K (5000 Kelvin Temp)	S5 (DLC Version 5.0)

5 - Controls

OSW (Wet Location Occupancy Sensor)
PRGOS-LR (IRTEC LRD509 Programmable Occ Sensor w/ Remote Control)
PRGOSW-LR (IRTEC LRD509 Programmable Wet Occ Sensor w/ Remote Control)

6 - Options

EM5W (Battery Backup, 5 Watts, ~650 lumens)²
EM10W (Battery Backup, 10 Watts, ~1300 lumens)²
EM5WT20 (Title 20 Compliant Battery Backup, 5 Watts, ~650 lumens)²
EM10WT20 (Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens)²
PLG (6' SJT Cord & Plug)
10GL (10' Loop w/ Gripple Hanging Kit)³

Notes

- 1 Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/ to confirm which versions are qualified.
 2 Lumens will change based on fixture selection. Consult with factory for additional options.
 3 Hanging kit manufactured by Gripple Inc.

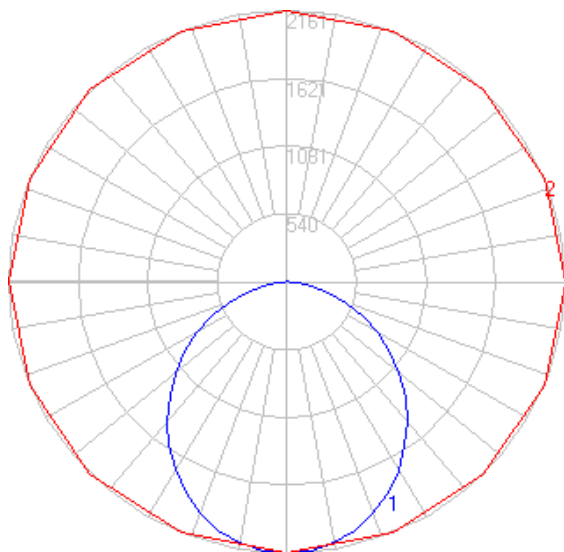
Photometric Data

L27648-52W-35K Tested in accordance to IESNA LM-79

Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	203.91	3.11%
10-20	578.80	8.81%
20-30	862.72	13.14%
30-40	1,019.91	15.53%
40-50	1,044.68	15.91%
50-60	952.56	14.50%
60-70	768.07	11.70%
70-80	526.41	8.02%
80-90	291.85	4.44%
90-100	155.89	2.37%
100-110	86.90	1.32%
110-120	42.33	0.64%
120-130	16.75	0.26%
130-140	6.09	0.06%
140-150	4.30	0.03%
150-160	3.60	0.01%
160-170	2.43	0.01%
170-180	0.77	0.01%

Polar Graph

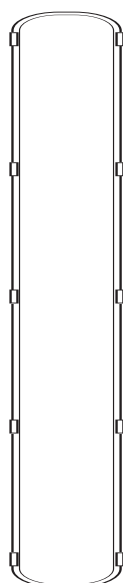


Physical Characteristics

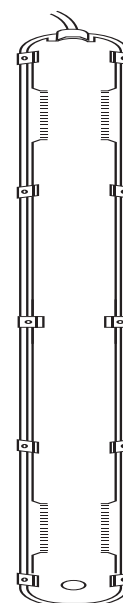
Dimensions

Version	Depth	Length	Width	Weight
2FT	3.1"	23.6"	3.5"	4lbs
4FT	3.1"	47.2"	3.5"	5lbs
8FT	3.1"	94.5"	3.5"	8lbs

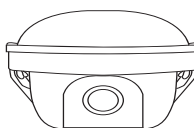
Top View



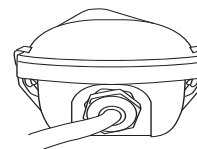
Bottom View



End View



End View w/ Plug Option



Side View

