

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) qualified<sup>1</sup>. 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



<b>L276</b>								
1	2	3	4	5	6	6	6	6

1 - Series	2 - Length in Inches/Wattage	3 - Color Temp (CCT)	4 - Version
<b>L276</b>	<b>24 - 20W</b> (2 Foot, 20 Watt) <b>48 - 25W</b> (4 Foot, 25 Watt) <b>48 - 34W</b> (4 Foot, 34 Watt) <b>48 - 38W</b> (4 Foot, 38 Watt) <b>48 - 45W</b> (4 Foot, 45 Watt) <b>48 - 52W</b> (4 Foot, 52 Watt) <b>48 - 65W</b> (4 Foot, 65 Watt) <b>96 - 46W</b> (8 Foot, 46 Watt) <b>96 - 65W</b> (8 Foot, 65 Watt) <b>96 - 75W</b> (8 Foot, 75 Watt) <b>96 - 90W</b> (8 Foot, 90 Watt)	<b>35K</b> (3500 Kelvin Temp) <b>40K</b> (4000 Kelvin Temp) <b>50K</b> (5000 Kelvin Temp)	<b>S5</b> (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)<sup>2</sup>
- EM10W** (Battery Backup, 10 Watts, ~1300 lumens)<sup>2</sup>
- EM5WT20** (Title 20 Compliant Battery Backup, 5 Watts, ~650 lumens)<sup>2</sup>
- EM10WT20** (Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens)<sup>2</sup>
- PLG** (6' SJT Cord & Plug)
- 10GL** (10' Loop w/ Gripple Hanging Kit)<sup>3</sup>

**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/](http://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.

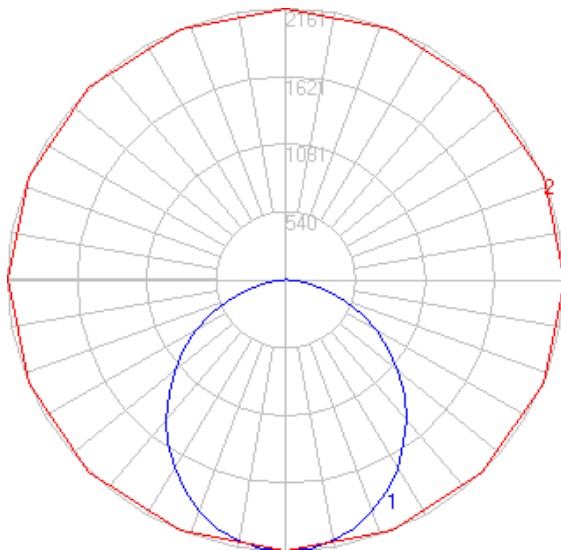
## Photometric Data

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

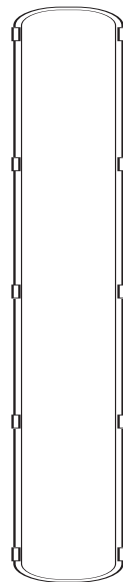


## Physical Characteristics

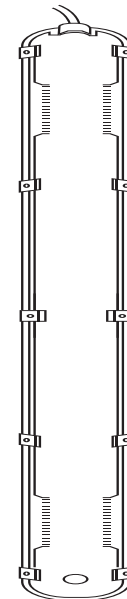
### Dimensions

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

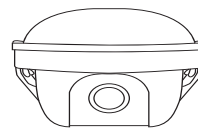
Top View



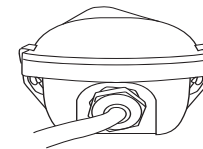
Bottom View



End View



End View w/ Plug Option



Side View

