

Date:	Project:	Type:	Notes:	Catalog #:
-------	----------	-------	--------	------------

L27600- AOK SERIES LED VAPORTITE

The L27600-AOK 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 – 40°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) 5.1 Premium qualified¹. RoHS compliant, NSF and IP65 rated.



Performance Data

FSC Part #	Form Factor	Rated Wattage	Kelvin Temp	Delivered Lumens	Efficacy	CRI
L27648-30W-AOK	4FT	18	3500	2448	136	>83
		18	4000	2466	137	>83
		18	5000	2484	138	>83
		25	3500	3325	133	>83
		25	4000	3350	134	>83
		25	5000	3375	135	>83
		30	3500	3900	130	>83
		30	4000	3930	131	>83
		30	5000	3960	132	>83
L27648-45W-AOK	4FT	34	3500	4624	136	>83
		34	4000	4658	137	>83
		34	5000	4692	138	>83
		38	3500	5045	133	>83
		38	4000	5092	134	>83
		38	5000	5130	135	>83
		45	3500	5850	130	>83
		45	4000	5895	131	>83
		45	5000	5940	132	>83
L27696-54W-AOK	8FT	38	3500	5168	136	>83
		38	4000	5206	137	>83
		38	5000	5244	138	>83
		46	3500	6118	133	>83
		46	4000	6164	134	>83
		46	5000	6210	135	>83
		54	3500	7020	130	>83
		54	4000	7074	131	>83
		54	5000	7128	132	>83
L27696-90W-AOK	8FT	65	3500	8840	136	>83
		65	4000	8905	137	>83
		65	5000	8970	138	>83
		75	3500	9975	133	>83
		75	4000	10050	134	>83
		75	5000	10125	135	>83
		90	3500	11700	130	>83
		90	4000	11790	131	>83
		90	5000	11880	132	>83

L276								
1	2	3	4	5	6	6	6	7

1 - Series	2 - Length in Inches/Wattage	3 - Type	4- Version
L276	48 - 30W (4 Foot, 18 Watt) (4 Foot, 25 Watt) (4 Foot, 30 Watt) 48 - 45W (4 Foot, 34 Watt) (4 Foot, 38 Watt) (4 Foot, 45 Watt) 96 - 54W (8 Foot, 38 Watt) (8 Foot, 46 Watt) (8 Foot, 54 Watt) 96 - 90W (8 Foot, 65 Watt) (8 Foot, 75 Watt) (8 Foot, 90 Watt)	AOK (Adjustable Output and Kelven Temp 35K, 40K & 50K)	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)

7 - Accessories (Sols Separately)

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

L27648-30W-AOK-50K Tested in accordance to IESNA LM-79

Zonal Lumen Summary

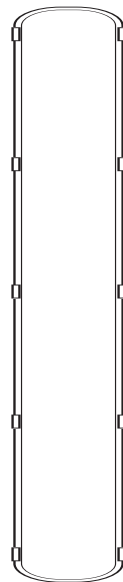
Zone	Lumens	%Luminaire
0-10	119.56	3.08%
10-20	339.32	8.75%
20-30	504.31	12.99%
30-40	599.89	15.46%
40-50	615.85	15.87%
50-60	561.58	14.47%
60-70	449.98	11.59%
70-80	311.79	8.04%
80-90	178.39	4.60%
90-100	97.14	2.50%
100-110	53.79	1.36%
110-120	25.21	0.64%
120-130	9.54	0.24%
130-140	4.97	0.13%
140-150	3.72	0.09%
150-160	2.94	0.07%
160-170	2.06	0.05%
170-180	0.75	0.02%

Physical Characteristics

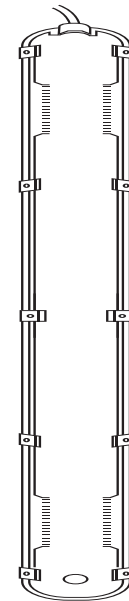
Dimensions

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

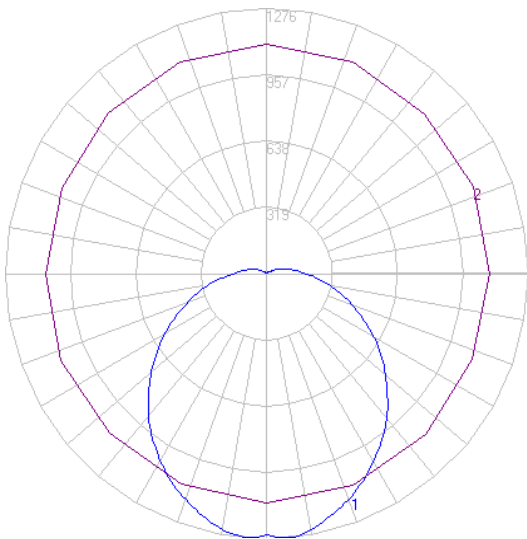
Top View



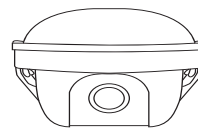
Bottom View



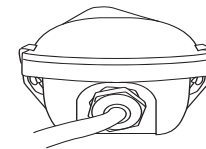
Polar Graph



End View



End View w/ Plug Option



Side View

