

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 when fixture is surface mounted or up to 45°C when fixture is suspended at least 18" from ceiling.

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 listed¹. RoHS compliant, NSF and IP65 rated. Lenses are IK08 Rated.



Performance Data

FSC Part #	Form Factor	Rated Wattage	Kelvin Temp	Delivered Lumens	Efficacy	CRI
L27648-30W-AOK	4FT	18	3500	2484	138	>83
		18	4000	2502	139	>83
		18	5000	2520	140	>83
		25	3500	3375	135	>83
		25	4000	3400	136	>83
		25	5000	3425	137	>83
		30	3500	3960	132	>83
		30	4000	3990	133	>83
		30	5000	4020	134	>83
L27648-45W-AOK	4FT	34	3500	4692	138	>83
		34	4000	4726	139	>83
		34	5000	4760	140	>83
		38	3500	5130	135	>83
		38	4000	5168	136	>83
		38	5000	5206	137	>83
		45	3500	5940	132	>83
		45	4000	5985	133	>83
		45	5000	6030	134	>83
L27696-54W-AOK	8FT	38	3500	5282	139	>83
		38	4000	5320	140	>83
		38	5000	5358	141	>83
		46	3500	6256	136	>83
		46	4000	6302	137	>83
		46	5000	6348	138	>83
		54	3500	7182	133	>83
		54	4000	7182	134	>83
		54	5000	7290	135	>83
L27696-90W-AOK	8FT	65	3500	8970	138	>83
		65	4000	9035	139	>83
		65	5000	9100	140	>83
		75	3500	10125	135	>83
		75	4000	10200	136	>83
		75	5000	10275	137	>83
		90	3500	11880	132	>83
		90	4000	11970	133	>83
		90	5000	12060	134	>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 Kelvin Temp 35K, 40K & 50K)	S5 (DLC Version 5.1)

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 (Sold 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.

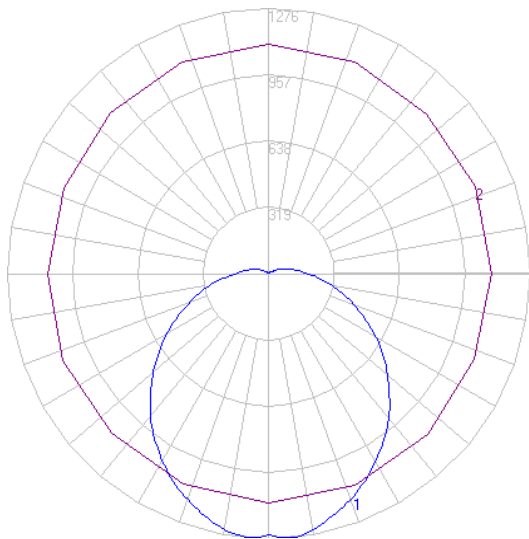
Photometric Data

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%

Polar Graph

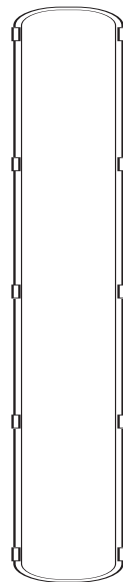


Physical Characteristics

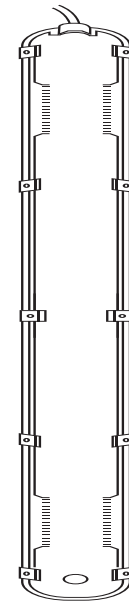
Dimensions

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

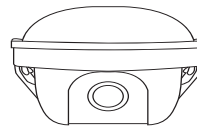
Top View



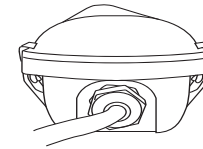
Bottom View



End View



End View w/ Plug Option



Side View

