

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

#### CRI

80+

#### 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 listed<sup>1</sup>. RoHS compliant, NSF and IP65 rated. Lenses are IK08 Rated.

### Performance Data

FSC Part #	Form Factor	Rated Wattage	Kelvin Temp	Delivered Lumens	Efficacy
L27624-25W-AOK-S5	2FT	15	3500	1950	130
		15	4000	1965	131
		15	5000	1980	132
		20	3500	2600	130
		20	4000	2620	131
		20	5000	2640	132
		25	3500	3250	130
		25	4000	3275	131
L27648-30W-AOK-S5	4FT	25	5000	3300	132
		18	3500	2340	130
		18	4000	2358	131
		18	5000	2376	132
		25	3500	3250	130
		25	4000	3275	131
		25	5000	3300	132
		30	3500	3900	130
L27648-45W-AOK-S5	4FT	30	4000	3930	131
		30	5000	3960	132
		34	3500	4420	130
		34	4000	4454	131
		34	5000	4488	132
		38	3500	4940	130
		38	4000	4978	131
		38	5000	5016	132
L27696-54W-AOK-S5	8FT	45	3500	5850	130
		45	4000	5895	131
		45	5000	5940	132
		38	3500	4940	130
		38	4000	4978	131
		38	5000	5016	132
		46	3500	5980	130
		46	4000	6026	131
L27696-90W-AOK-S5	8FT	46	5000	6072	132
		54	3500	7020	130
		54	4000	7074	131
		54	5000	7128	132
		65	3500	8450	130
		65	4000	8515	131
		65	5000	8580	132
		75	3500	9750	130
L27696-90W-AOK-S5	8FT	75	4000	9825	131
		75	5000	9900	132
		90	3500	11700	130
		90	4000	11790	131
		90	5000	11880	132



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

1 - Series	2 - Length/Wattage	3 - Type	4- Version
<b>L276</b>	<b>24 - 25W</b> (2 Foot, 15 Watt) (2 Foot, 20 Watt) (2 Foot, 25 Watt) <b>48 - 30W</b> (4 Foot, 18 Watt) (4 Foot, 25 Watt) (4 Foot, 30 Watt) <b>48 - 45W</b> (4 Foot, 34 Watt) (4 Foot, 38 Watt) (4 Foot, 45 Watt) <b>96 - 54W</b> (8 Foot, 38 Watt) (8 Foot, 46 Watt) (8 Foot, 54 Watt) <b>96 - 90W</b> (8 Foot, 65 Watt) (8 Foot, 75 Watt) (8 Foot, 90 Watt)	<b>AOK</b> (Adjustable Output and Kelvin Temp 35K, 40K & 50K)	<b>S5</b> (DLC Version 5.1)

**5- Controls**

- OSW** Wet Listed On / Off PIR Occupancy Sensor
- PRGOS-LK** Keilton EFS01RE Programmable Occ Sensor
- RM51** Keilton EFS01RE Programmable Occ Sensor Remote Control
- PRGOS-BLMS** Behind Lens Microwave Occ Sensor
- PRGOS-LR** IRTEC LRD Programmable Occ Sensor w/ Remote Control

**6 - Accessories**

- EM10WT20** Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens  
(lumens will change based on fixture selection)
- 480SD** 480V Step Down Transformer
- PLG** 6' SJT Cord & Plug
- 10GL** 10' Loop Aircraft Hanging Cable/Fixture

## Photometric Data

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

### Zonal Lumen Summary

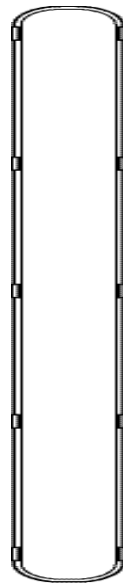
Zone	Lumens	%Luminaire
0-10	119.56	3.08%
10-20	339.32	8.75%
20-30	504.31	12.99%
30-40	599.89	15.46%
40-50	615.85	15.87%
50-60	561.58	14.47%
60-70	449.98	11.59%
70-80	311.79	8.04%
80-90	178.39	4.60%
90-100	97.14	2.50%
100-110	53.79	1.36%
110-120	25.21	0.64%
120-130	9.54	0.24%
130-140	4.97	0.13%
140-150	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
2FT	3.1"	23.6"	3.5"	3lbs
4FT	3.1"	47.2"	3.5"	5lbs
8FT	3.1"	94.5"	3.5"	8lbs

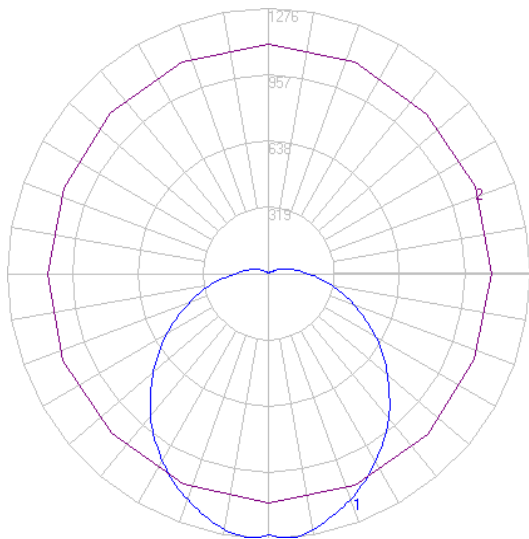
Top View



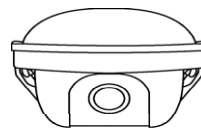
Bottom View



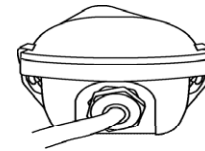
### Polar Graph



End View



End View w/ Plug Option



Side View

