

Date:	Project:	Type:	Notes:	Catalog #:
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L27900 - AOK SERIES Adjustable LED VAPORTITE

The L27900-AOK LED Vaportite is designed to withstand the toughest environments and extreme temperatures. Its durability makes it ideal for food processing areas, cold storage, car washes, and other harsh environments.



Features & Specifications

Applications

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

Construction

Lenses are made of 100% anti-glare, impact resistant polycarbon for maximum light transmission and longevity. Stainless steel latches and continuous poured-in-place gasket seal to protect from most hostile environments.

Mounting

Stainless steel mounting brackets and V-hooks 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. 120-347V & 0-10V dimming standard. 50/60HZ input frequency.

Operating Temperature

Suitable for -40°C – 40°C Ambient

Lumen Maintenance

L70 rating of 54,000 hours

Warranty

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

Certification

ETL Wet Listed. Adheres to LM79, LM80 and TM21 industry standards. DesignLights Consortium® (DLC) 5.1 Premium. RoHS compliant, NSF, NEMA 4X, IP66 & IP67 rated. IK10 Rating.

Performance Data

FSC Part #	Form Factor	Rated Wattage	Kelvin Temp	Delivered Lumens	Efficacy	CRI
L27948-27L-AOK	4FT	105	3500	15,750	150	>80
		105	4000	15,750	150	>80
		105	5000	15,750	150	>80
		135	3500	20,250	150	>80
		135	4000	20,250	150	>80
		135	5000	20,250	150	>80
		155	3500	23,500	150	>80
		155	4000	23,500	150	>80
		155	5000	23,500	150	>80
		180	3500	27,000	150	>80
		180	4000	27,000	150	>80
		180	5000	27,000	150	>80



L279								
1	2	3	4	4	4	5	5	5

1 - Series	2 - Dimension/Lumens	3 - Type
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L279	48 - 27L (4 Foot, 105 Watt) (4 Foot, 135 Watt) (4 Foot, 155 Watt) (4 Foot, 180 Watt)	AOK (Adjustable Output and Kelvin Temp 35K, 40K & 50K)
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4 - 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

5 - Accessories

- EM10WT20** Title 20 Compliant Emergency 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

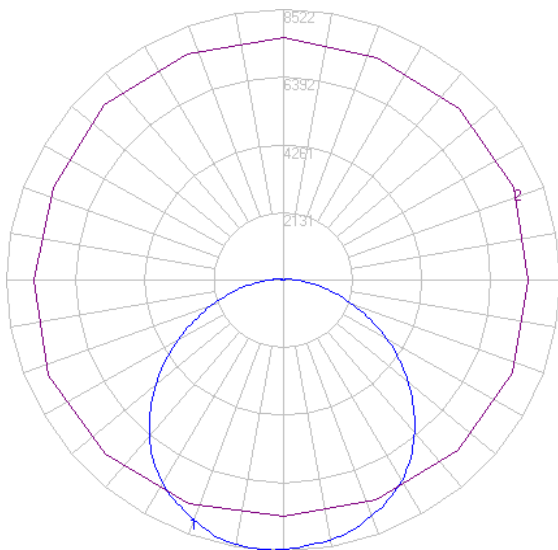
Photometric Data

L27948-27L-AOK (180WT-35K) Tested in accordance to IESNA

Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	804.59	3.25%
10-20	2315.21	12.62%
20-30	3522.93	26.87%
30-40	4226.24	43.96%
40-50	4310.10	61.40%
50-60	3790.82	76.73%
60-70	2835.67	88.20%
70-80	1723.25	95.17%
80-90	736.92	98.15%
90-100	262.87	99.21%
100-110	106.48	99.65%
110-120	37.32	99.80%
120-130	24.84	99.90%
130-140	9.38	99.94%
140-150	6.45	99.96%
150-160	4.93	99.98%
160-170	3.39	99.99%
170-180	1.29	100.00%

Polar Graph



Physical Characteristics

Dimensions

Version	Depth	Length	Width	Weight
4FT	4.25"	50.00"	10.00"	14.75lbs

Top View



Bottom View



Side View



End View

