

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 Premium¹. 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	15,540	148	>80
		105	4000	16,380	156	>80
		105	5000	15,750	150	>80
		135	3500	19,440	144	>80
		135	4000	20,790	154	>80
		135	5000	19,575	145	>80
		155	3500	22,000	142	>80
		155	4000	23,560	152	>80
		155	5000	23,320	144	>80
		180	3500	24,300	135	>80
		180	4000	27,000	150	>80
		180	5000	24,660	137	>80



L279									
1	2	3	4	5	6	6	6	6	6

1 - Series	2 - Dimension/Lumens	3 - Type
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)

4 - Controls	5 - Options
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) PRGOS-LM (IRTEC LMD 109 Microwave Bi-Level Occ Sensor w/ Photocell)	EM10W (Battery Backup, 10 Watts, ~1500 lumens) ² EM10WT20 (Title 20 Compliant Battery Backup, 10 Watts, ~1500 lumens) ² PLG (6' SJT Cord & Plug) 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.

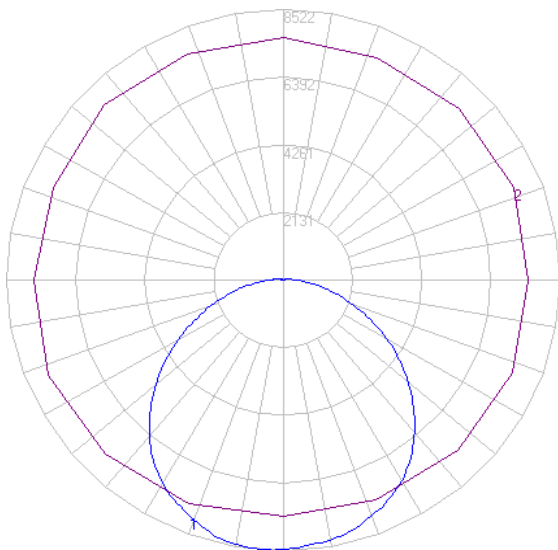
Photometric Data

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

