

Date:	Project:	Type:	Notes:	Catalog #:
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L7900 SERIES LED WIDE BODY VAPORTITE



The L7900 LED Wide Body 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

Lenses are made of 100% impact resistant acrylic for maximum light transmission and longevity (.080" thick). Stainless steel latches provide durability and chemical resistance. Standard with stainless steel V-hooks that are UL rated for 4 times fixture weight. UL 5VA fiberglass housing and continuous poured-in-place gasket seal to protect from most hostile environments.

Mounting

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. 120-277V & 0-10V dimming standard. 480V option. 50/60HZ input frequency.

Operating Temperature

Suitable for -40°C – 45°C Ambient

Lumen Maintenance

L70 rating of 266,000 hours

Warranty

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

Certification

ETL Compliant. Adheres to LM79, LM80 and TM21 industry standards. DesignLights Consortium® (DLC) qualified¹. RoHS Compliant, NSF and NEMA 4X rated. IP65, IP66, IP67 & IP69 Rated.² Buy American Act Compliant.

Performance Data

Form Factor	Rated Wattage	Tested Wattage	Delivered Lumens	Efficacy	CRI
2FT	60W	59W	7,772 LM	131 LPW	>83
2FT	80W	81W	11,021 LM	136 LPW	>83
4FT	120W	120W	15,544 LM	129 LPW	>83
4FT	170W	160W	21,593 LM	134 LPW	>83



L79								
1	2	3	4	5	5	5	5	5

1 - Series	2 - Length in Inches/Wattage	3 - Color Temp (CCT)	4- Controls
L79	24 - 60W (2 Foot, 59 Watt) 24 - 80W (2 Foot, 81 Watt) 48 - 120W (4 Foot, 120 Watt) 48 - 170W (4 Foot, 160 Watt)	40K (4000 Kelvin Temp) 50K (5000 Kelvin Temp)	OSW (Wet Location Occupancy Sensor) OSM (IRTEC LMS109 Microwave Occ Sensor w/ Photocell) PRGOS-LS (Sensorswitch LSXR-ADC-3v Occ Sensor w/ Dimming Photocell) PRGOS-LR (IRTEC LRD509 Programmable Occ Sensor w/ Remote Control) PRGOSW-LR (IRTEC LRD509 Programmable Wet Occ Sensor w/ Remote Control) PRGOS-LM (IRTEC LMD109 Microwave Bi-Level Occ Sensor w/ Photocell)

5 - Options

- EM5W** (Battery Backup, 5 Watts, ~650 lumens)³
- EM10W** (Battery Backup, 10 Watts, ~1300 lumens)³
- EM5WT20** (Title 20 Compliant Battery Backup, 5 Watts, ~650 lumens)³
- EM10WT20** (Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens)³
- 480SD** (480 Step-Down)
- PLG** (6' SJT Cord & Plug)
- 10GL** ([10' Loop w/ Gripple Hanging Kit](#))⁴
- MB** (Mounting Bracket)
- HUB12** (1/2" Pendant Mount HUB w/ access hole)
- HUB34** (3/4" Pendant Mount HUB w/ access hole)
- PC** (Polycarbonate Lens)
- PP** (PowerPlus)

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 Only two-foot form factor is IP69 Rated
- 3 Lumens will change based on fixture selection. Consult with factory for additional options.
- 4 Hanging kit manufactured by Gripple Inc.

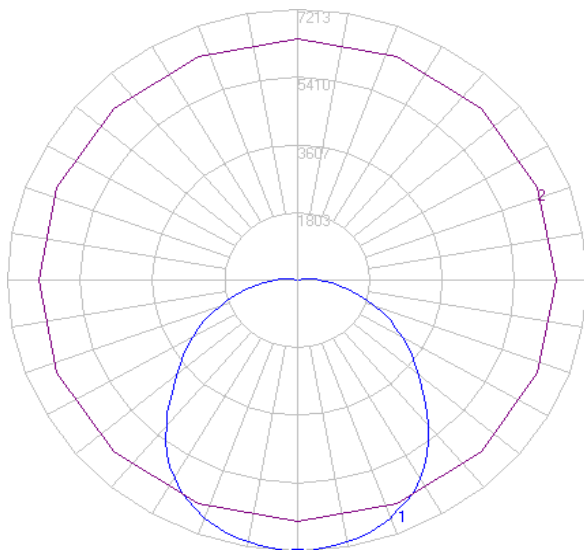
Photometric Data

L7948-170W-50K Tested in accordance to IESNA LM-79

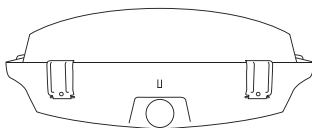
Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	681.64	3.29%
10-20	1,958.72	9.46%
20-30	2,975.47	14.37%
30-40	3,544.95	17.13%
40-50	3,536.44	17.09%
50-60	3,076.20	14.87%
60-70	2,349.62	11.35%
70-80	1,495.39	7.23%
80-90	724.66	3.50%
90-100	287.10	1.39%
100-110	62.07	0.30%

Polar Graph



End View- 2FT & 4FT

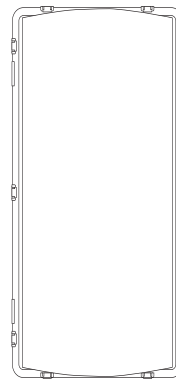


Physical Characteristics

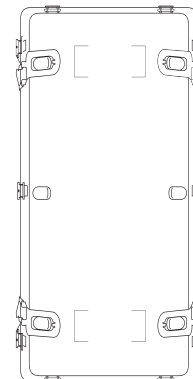
Dimensions

Version	Depth	Length	Width	Weight
2FT	5.85"	26.63"	14.55"	13lbs
4FT	5.92"	51.91"	14.61"	24lbs

Top View- 2FT



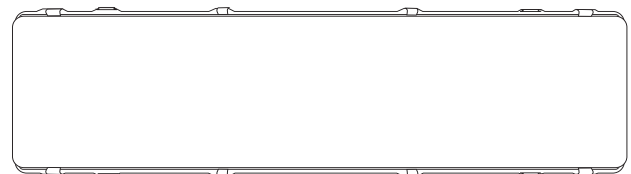
Bottom View- 2FT



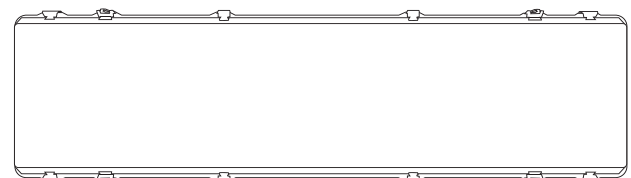
Side View- 2FT



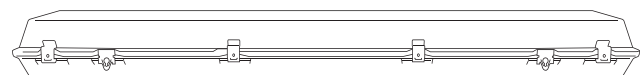
Front View- 4FT



Bottom View- 4FT

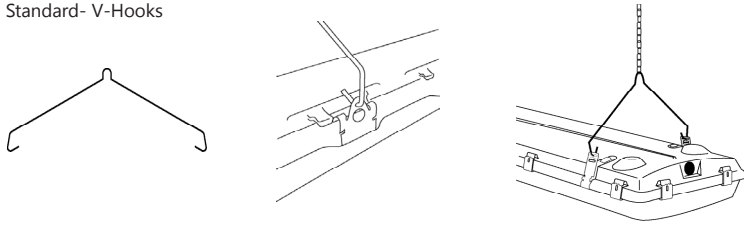


Side View- 4FT

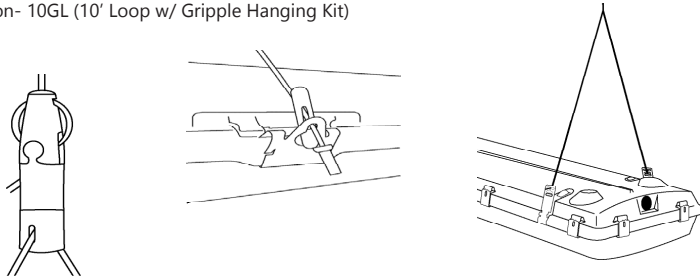


Mounting Accessories

Standard- V-Hooks



Option- 10GL (10' Loop w/ Gripper Hanging Kit)



Option- MB (Mounting Brackets)

