

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 Wet Listed. Adheres to LM79, LM80 and TM21 industry standards. RoHS Compliant, NSF, NEMA 4X and IK10 rated. IP65, IP66, IP67 & IP69 Rated.<sup>1</sup> 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
4FT	215W	204W	31,008 LM	152 LPW	>83



<b>L79</b>								
1	2	3	4	5	5	5	6	6

1 - Series	2 - Length in Inches/Wattage	3 - Color Temp (CCT)	4 - Controls
<b>L79</b>	<b>24 - 60W</b> (2 Foot, 59 Watt) <b>24 - 80W</b> (2 Foot, 81 Watt) <b>48 - 120W</b> (4 Foot, 120 Watt) <b>48 - 170W</b> (4 Foot, 160 Watt) <b>48 - 215W</b> (4 Foot, 204 Watt)	<b>40K</b> (4000 Kelvin Temp) <b>50K</b> (5000 Kelvin Temp)	<b>OSW</b> (Wet Location Occupancy Sensor) <b>OSM</b> (IRTEC LMS109 Microwave Occ Sensor w/ Photocell) <b>PRGOS-LS</b> (Sensorswitch LSXR-ADC-3v Occ Sensor w/ Dimming Photocell) <b>PRGOS-LR</b> (IRTEC LRD509 Programmable Occ Sensor w/ Remote Control) <b>PRGOSW-LR</b> (IRTEC LRD509 Programmable Wet Occ Sensor w/ Remote Control) <b>PRGOS-LM</b> (IRTEC LMD109 Microwave Bi-Level Occ Sensor w/ Photocell)

**5 - Options**

- EM5W** (Battery Backup, 5 Watts, ~650 lumens)<sup>2</sup>
- EM10W** (Battery Backup, 10 Watts, ~1300 lumens)<sup>2</sup>
- EM5WT20** (Title 20 Compliant Battery Backup, 5 Watts, ~650 lumens)<sup>2</sup>
- EM10WT20** (Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens)<sup>2</sup>
- 480SD** (480 Step-Down)
- PLG** (6' SJT Cord & Plug)
- C6** (6' SJT Cord)
- HUB12** (1/2" Pendant Mount HUB w/ access hole)
- HUB34** (3/4" Pendant Mount HUB w/ access hole)
- PC** (Polycarbonate Lens)
- PP** (PowerPlus)

**6 - Accessories- Sold Separately**

- 10GL** (10' Loop w/ Gripple Hanging Kit)<sup>3</sup>
- TMB** (Top Mount Box)
- BH** (Bail Hook)
- CM** (Ceiling Mount)

**Notes**

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

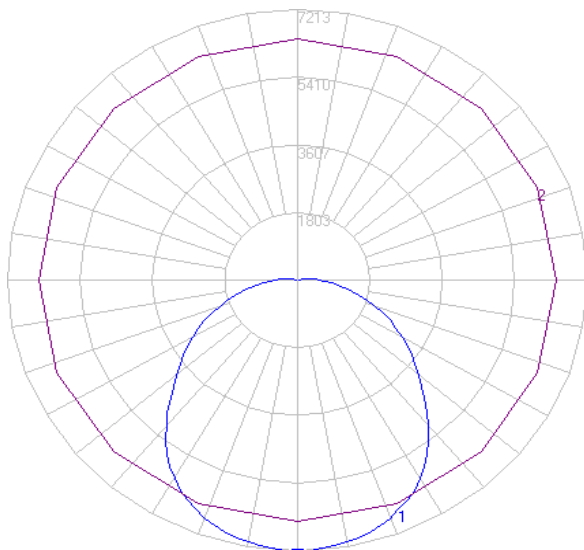
## Photometric Data

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

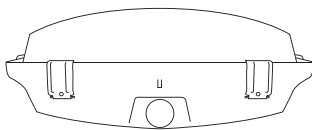
### Zonal Lumen Summary

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

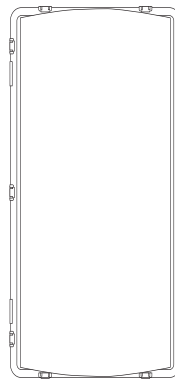


## Physical Characteristics

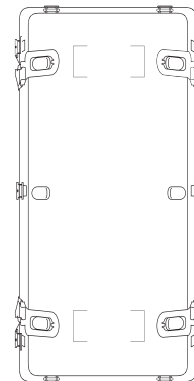
### Dimensions

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

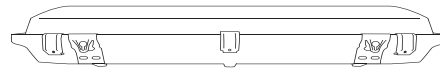
Top View- 2FT



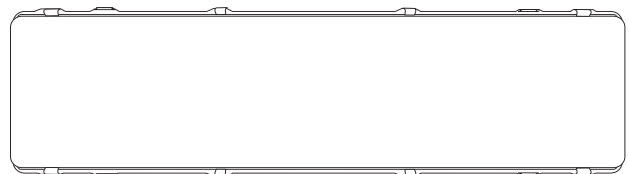
Bottom View- 2FT



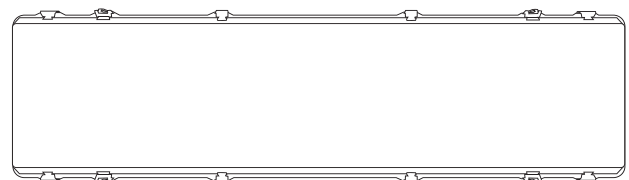
Side View- 2FT



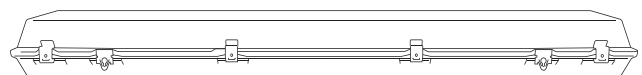
Front View- 4FT



Bottom View- 4FT



Side View- 4FT

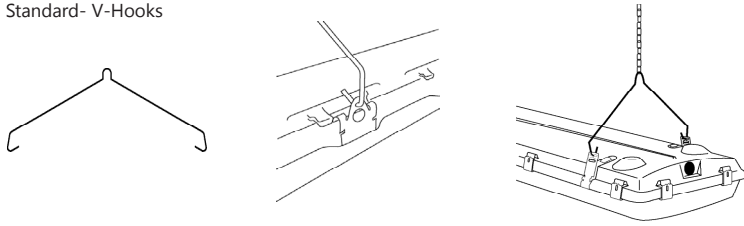


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## Mounting Accessories

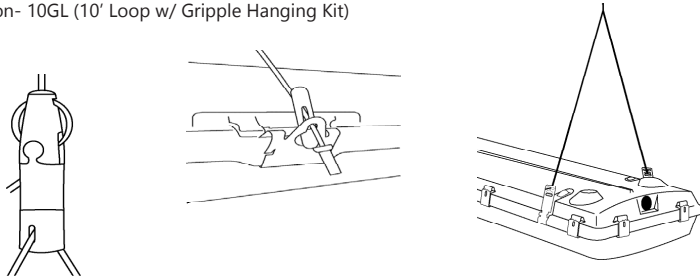
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Standard- V-Hooks



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



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Option- CM Ceiling Mount Brackets)

