

<b>Project</b>	
<b>Type</b>	
<b>Notes</b>	
<b>Catalog No.</b>	
<b>Date</b>	

## L7900 Series – LED Wide Body Vaportite (PCB)

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.



### Specifications

#### Applications

- Food Processing
- Cold Storage/ Freezers
- Car Washes
- Canopies
- Health Clubs
- Laundry Facilities
- Distribution Centers

#### Construction

- Lenses are made of 100% impact resistant acrylic for maximum light transmission and longevity
- Stainless steel latches provide durability and chemical resistance come standard
- Standard with stainless steel V-hooks that are UL rated for 4 times fixture weight

#### Mounting

- Various mounting options available, including suspension, pendant, and surface mount. V-Hooks Included. Cord and plug options offered.

#### Options

- Sensors can be integrated for additional energy savings
- UV Stabilized polycarbonate lens
- Emergency battery back-up
- 1/2" & 3/4" Pendant Mount hubs w/ access hole

#### 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) qualified
- Lighting Facts
- RoHS Compliant, NSF, IP65, IP66 & IP67 Rated



<b>L79</b>			
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Family Type	Dimensions/Wattage	Color Temperature	Options
L79	24 - 60W (2 Foot, 59 Watt/ 7,772 lms)	40K (4000 Kelvin Temp)	OSW (Wet Location Occupancy Sensor)
	24 - 80W (2 Foot, 81 Watt/ 11,021 lms)	50K (5000 Kelvin Temp)	OSM (IRTEC LMS109 Microwave Occ Sensor w/ Photocell)
	48 - 120W ( 4 Foot, 120 Watt/ 15,544 lms)		OSDW (Wet Location Occupancy Sensor w/ Daylight)
	48 - 170W ( 4 Foot, 160 Watt/ 21,593 lms)		PRGOS-LS (Sensorswitch LSXR-ADC-3v Occ Sensor w/ Dimming Photocell)
			PRGOS-LO (IRTEC LOD509 Bi-Level Occ Sensor w/ Photocell)
			PRGOS-LR (IRTEC LRD509 Programmable Occ Sensor w/ Remote Control)
			PRGOS-LM (IRTEC LMS109 Microwave Occ Sensor w/ Photocell)
			EMR (Emergency Battery)
			480SD (480 Step-Down)
			PLG (6' SJT Cord & Plug)
			10GL (10' Loop w/ Gripper Hanging Kit)
			HUB12 (1/2" Pendant Mount HUB w/ access hole)
			HUB34 (3/4" Pendant Mount HUB w/ access hole)
			PC (Polycarbonate Lens)

Specifications and Dimensions subject to change without notice. Contact factory for updates: (909) 948-8878

### Safety Warning

**FOR YOUR SAFETY, READ AND FOLLOW ALL INSTRUCTIONS TO PREVENT ELECTRIC SHOCK OR FIRE**

- **INSTALLATION REQUIRES KNOWLEDGE OF LIGHTING LUMINAIRE ELECTRICAL SYSTEMS**  
Contact qualified electrician prior to installation.
- **DISCONNECT POWER BEFORE INSTALLATION**
- **DO NOT ALTER PRE-EXISTING HOLES OR DRILL NEW HOLES**
- **CHECK FOR INCLOSED WIRING COMPONENTS PRIOR TO DRILLING**  
Luminaire wiring, ballasts, power supplies or other electrical parts may be damaged.
- **USE ONLY ON COMPATIBLE LUMINAIRES**  
Installation requires specific dimensions and construction features.
- **PROTECT WIRING FROM ABRASION**  
Do not expose wiring to sharp objects or edges of sheet metal.

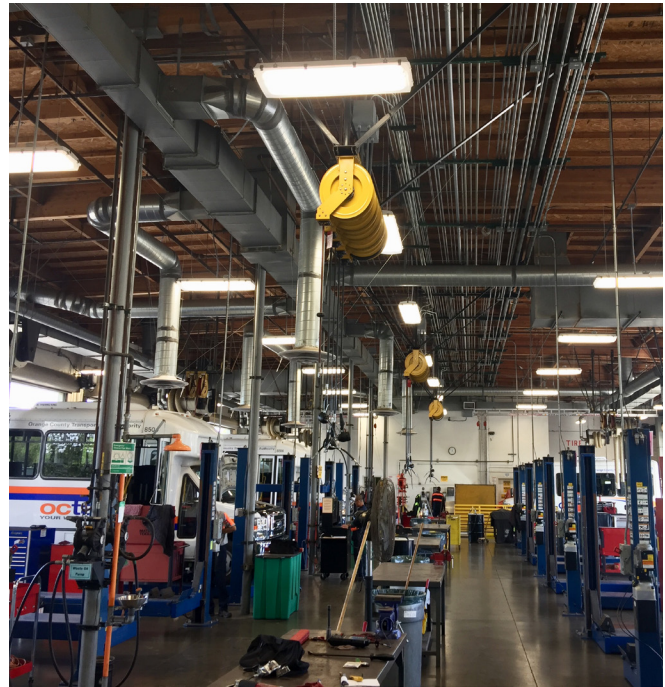
### Installation Instructions

1. Disconnect Power to the circuit supplying power to the fixture
2. Removed the existing lamps and fixture
3. Disassemble new fixture to allow access to the LED Driver
4. Run existing power supply wires into fixture through fixture knock-out or end plug on fixture
5. Mount the fixture to surface, or hang fixture with appropriate fixture mounting hardware or install fixture in T-bar Ceiling (Be sure to follow local building codes for the appropriate fixture installation methods.)
6. Connect power supply wires to supplied wire disconnect to provide power to fixture
7. Re-assemble fixture
8. Re-connect power and check installation

## Technical Information

Available CCT	40K & 50K
CRI	83+
Delivered Lumens	See Performance Data
Dimming	0-10V Dimming Standard
Efficacy	129+ LPW
Input Frequency	50/60 Hz
L70	131,000
IP Ratings	IP65, IP66 & IP67
Light Source	LED Board
Power Factor	> 0.95
Power Source	LED High Efficiency Power Supply
Rated Wattage	See Performance Data
Temperature Rating	-40°C – 45°C Ambient
THD	< 20%
Voltage	120V to 277V

## Application Photo



## Performance Data

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Tested Wattage (W)	5000K	
					Delivered Lumens (lm)	Efficacy (lm/W)
Frosted Lens	2'	L7924-60W-50K	60	59	7,772	131
		L7924-80W-50K	80	81	11,021	136
	4'	L7948-120W-50K	120	120	15,544	129
		L7948-170W-50K	170	160	21,593	134

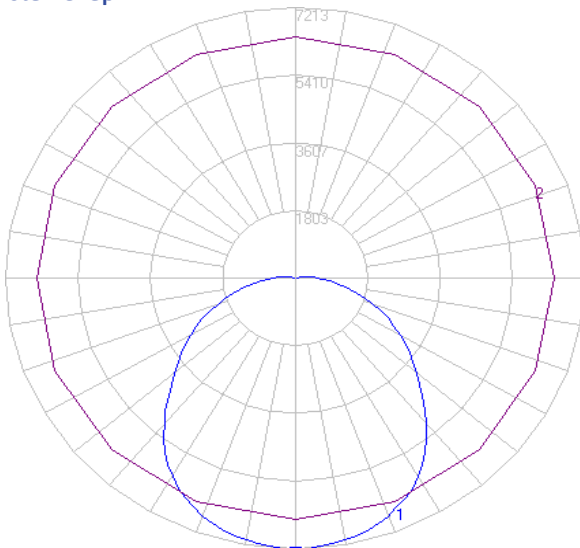
## Photometric Data

**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

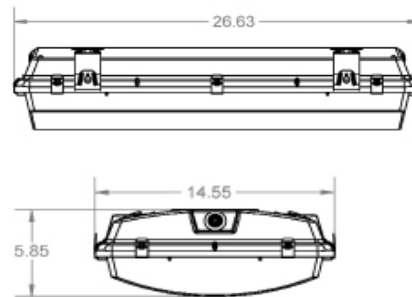


## Physical Characteristics

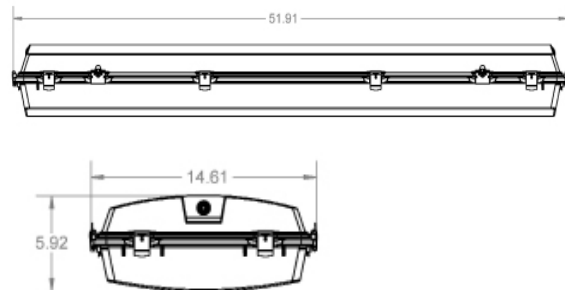
### Dimensions

Version	H	L	W
2FT	5.85"	26.63"	14.55"
4FT	5.92"	51.91"	14.61"

### 2FT Version



### 4FT Version



### Weights

Version	Weight
2FT	13lbs
4FT	24lbs