fsc lighting
Go Beyond Efficiency

L7600P Series
LED Peaked Vaportite (PCB)

The L7600P LED Peaked 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
- Parking Garages
- Laundry Facilities
- Stairwells
- Corridors

Construction

- Frosted acrylic smooth lens
- Deep lens standard w/ peaked geartray
- Poured in place gasket and cam latches seal enclosures from most hotile enviroments
- Standard with stainless steel mounting brackets

Mounting

- Various mounting options available, including suspension, pendant, and surface mount. Mounting brackets 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
- Bail hook
- Stainless steel latches

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

L76			

Family Type	Length in Inches/Wattage	Color Temperature	Options
L76	24P - 35W (2 Foot, 37 Watt/ 4,158 lms)	40K (4000 Kelvin Temp)	OSW (Wet Location Occupancy Sensor)
	48P - 35W (4 Foot, 33 Watt/ 4,238 lms)	50K (5000 Kelvin Temp)	OSDW (Wet Location Occupancy Sensor w/ Daylight)
	48P - 65W (4 Foot, 69 Watt/ 8,115 lms)		PRGOS-LO (IRTEC LOD509 Bi-Level Occ Sensor w/ Photocell)
	96P - 70W (8 Foot, 66 Watt/ 8,556 lms)		PRGOS-LR (IRTEC LRD509 Programmable Occ Sensor w/ Remote Control)
	96P - 130W (8 Foot, 138 Watt/ 16,230 lms)		EM7W (Emergency Battery Backup, 7 Watts, ~600 lms)*
			EM10W (Emergency Battery Backup, 10 Watts, ~800 lms)*
			EM10WT20 (Emergency Battery Backup, 10 Watts, Constant Power, Title 20 Compliant, ~1625 lms)*
			EM15WT20 (Emergency Battery Backup, 15 Watts, Constant Power, Title 20 Compliant, ~2400 lms)*
			480SD (480 Step-Down)
			PLG (6' SJT Cord & Plug)
			10GL (10' Loop w/ Gripple Hanging Kit)
			HUB12 (1/2" Pendant Mount HUB w/ access hole)
			HUB34 (3/4" Pendant Mount HUB w/ access hole)
			SSL (Stainless Steel Latches)
			BH (Bail Hook)

* Lumens will change based on fixture selection
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.
- **DISCONNET 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	112+ LPW
Input Frequency	50/60 Hz
L70	266,000
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)	5000K Efficacy (lm/W)
Frosted Lens	2'	L7624P-35W-50K	35	37	4,158	112
	4'	L7648P-35W-50K	35	33	4,238	128
		L7648P-65W-50K	65	69	8,115	118
	8'	L7696P-70W-50K	70	66	8,556	130
		L7696P-130W-50K	130	138	16,230	118

Photometric Data

L7648P-65W-40K Tested in accordance to IESNA LM-79

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-10	36.62	0.48%
10-20	118.54	1.54%
20-30	253.21	3.29%
30-40	483.15	6.27%
40-50	742.48	9.64%
50-60	992.10	12.88%
60-70	1,175.94	15.27%
70-80	1,213.61	15.76%
80-90	1,093.61	14.20%
90-100	865.79	11.24%
100-110	478.68	6.22%
110-120	160.77	2.09%
120-130	56.11	0.73%
130-140	21.29	0.28%
140-150	6.89	0.09%
150-160	1.50	0.02%

Polar Graph
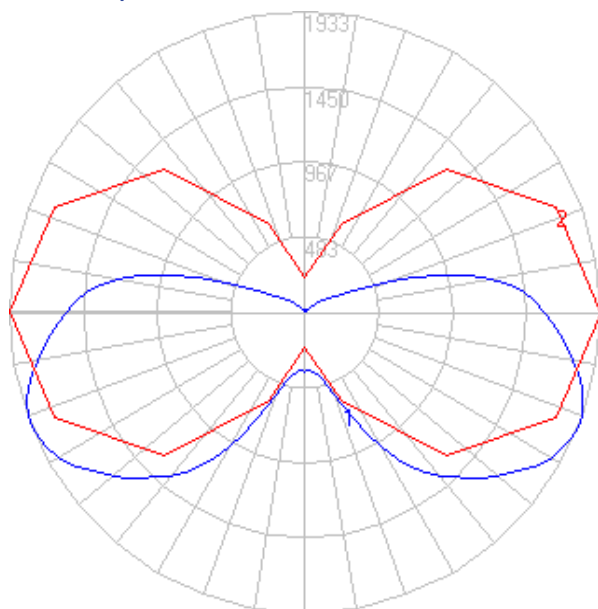
Physical Characteristics

Dimensions

Version	H	L	W
2FT	5.72"	27.69"	6.77"
4FT	5.72"	51.81"	6.77"
8FT	5.72"	100.00"	6.77"

2FT Version

27.69

4FT Version

51.81

8FT Version

100.00
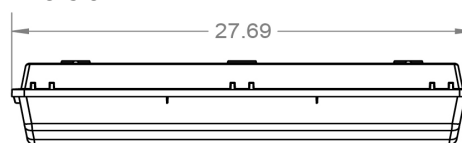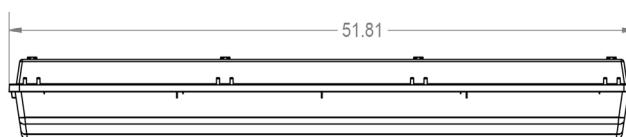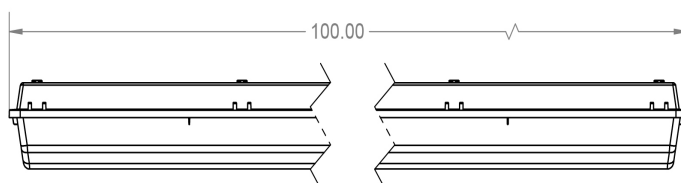
Weights

Version	Weight
2FT	6lbs
4FT	12lbs
8FT	23lbs