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|-------|----------|-------|--------|------------|
| Date: | Project: | Type: | Notes: | Catalog #: |
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**L7600 SERIES
LED VAPORTITE (L-Bar)**



The L7600 LED 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 ribbed high impact acrylic for maximum light transmission and longevity. Clear polycarbonate latches; stainless steel option available. UL 5VA fiberglass housing and continuous poured-in-place gasket seal to protect from most hostile environments.

Mounting

Stainless steel mounting brackets 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 – 40°C Ambient

Lumen Maintenance

L70 rating of 398,000 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 Rated. Buy American Act Compliant.

Performance Data

| Form Factor | Rated Wattage | Tested Wattage | Delivered Lumens | Efficacy | CRI |
|-------------|---------------|----------------|------------------|----------|-----|
| 2FT | 12W | 14.5W | 1,563 LM | 108 LPW | >84 |
| 2FT | 25W | 28.5W | 3,020 LM | 106 LPW | >84 |
| 4FT | 12W | 14.5W | 1,563 LM | 108 LPW | >84 |
| 4FT | 25W | 28.5W | 3,020 LM | 106 LPW | >84 |
| 4FT | 25W | 28.5W | 3,165 LM | 111 LPW | >84 |
| 4FT | 50W | 55.0W | 5,849 LM | 106 LPW | >84 |
| 8FT | 50W | 57.0W | 6,040 LM | 106 LPW | >84 |
| 8FT | 50W | 57.0W | 6,330 LM | 111 LPW | >84 |
| 8FT | 100W | 110.0W | 11,698 LM | 106 LPW | >84 |



| | | | | | | | | | |
|------------|---|---|---|---|---|---|---|---|---|
| L76 | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 6 | 6 | 6 | 6 |

| 1 - Series | 2 - Length in Inches/Wattage | 3 - Color Temp (CCT) | 4 - Transmission/ # of Bars |
|------------|--|---|--|
| L76 | 24 - 212 (2' Fixture, 2' - 12 Watt Light Bar) 24 - 225 (2' Fixture, 2' - 25 Watt Light Bar) 48 - 212 (4' Fixture, 2' - 12 Watt Light Bar) 48 - 225 (4' Fixture, 2' - 25 Watt Light Bar) 48 - 425 (4' Fixture, 4' - 25 Watt Light Bar) 48 - 450 (4' Fixture, 4' - 50 Watt Light Bar) 96 - 225 (8' Fixture, 2' - 25 Watt Light Bar) 96 - 425 (8' Fixture, 4' - 25 Watt Light Bar) 96 - 450 (8' Fixture, 4' - 50 Watt Light Bar) | 3 (3000 Kelvin Temp) 35 (3500 Kelvin Temp) 4 (4000 Kelvin Temp) 5 (5000 Kelvin Temp) | S1 (Standard Light Transmission 80%/ 1 Light Bar) S2 (Standard Light Transmission 80%/ 2 Light Bars) ² H1 (High Light Transmission 94%/ 1 Light Bar) H2 (High Light Transmission 94%/ 2 Light Bars) ² |

5 - Controls

- OSW** (Wet Location Occupancy Sensor)
- 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 LMS109 Microwave Occ Sensor w/ Photocell](#))

6 - 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)
- SSL** (Stainless Steel Latches)
- BH** (Bail Hook)
- DL** (Deep Lens)

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 Two bar configuration is only available in 8FT form factor.
 3 Lumens will change based on fixture selection. Consult with factory for additional options.
 4 Hanging kit manufactured by Gripple Inc.

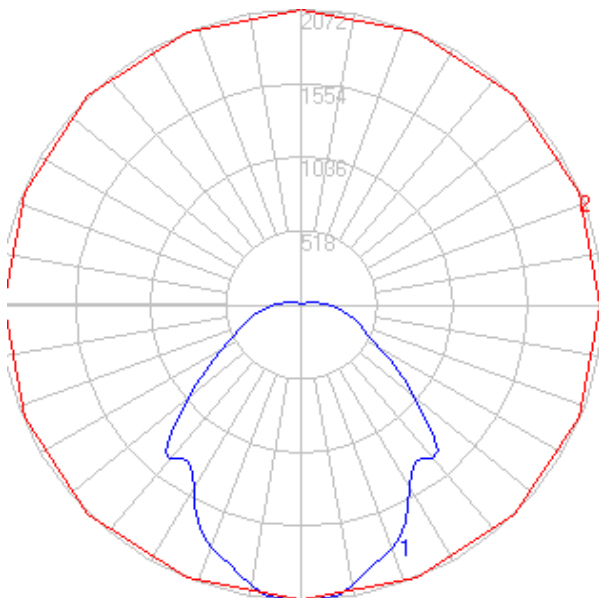
Photometric Data

L7648-4505-H1 Tested in accordance to IESNA LM-79

Zonal Lumen Summary

| Zone | Lumens | %Luminaire |
|---------|--------|------------|
| 0-10 | 194.13 | 3.54% |
| 10-20 | 538.38 | 9.81% |
| 20-30 | 766.92 | 13.97% |
| 30-40 | 922.35 | 16.81% |
| 40-50 | 907.97 | 16.54% |
| 50-60 | 736.05 | 13.41% |
| 60-70 | 546.09 | 9.95% |
| 70-80 | 372.71 | 6.79% |
| 80-90 | 241.54 | 4.40% |
| 90-100 | 139.77 | 2.55% |
| 100-110 | 74.37 | 1.35% |
| 110-120 | 34.38 | 0.63% |
| 120-130 | 12.48 | 0.23% |
| 130-140 | 1.49 | 0.03% |

Polar Graph

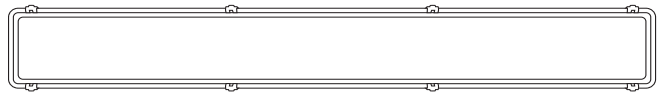


Physical Characteristics

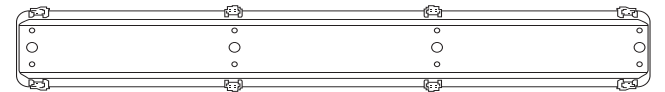
Dimensions

| Version | Depth | Length | Width | Weight |
|---------|-------|---------|-------|--------|
| 2FT | 4.21" | 27.69" | 6.77" | 6lbs |
| 4FT | 4.36" | 51.81" | 6.77" | 12lbs |
| 8FT | 4.36" | 100.00" | 6.77" | 23lbs |

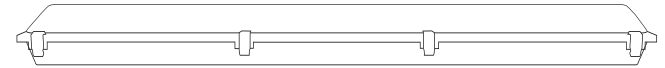
Top View- 4FT



Bottom View- 4FT



Bottom View- 4FT



End View

