

|       |          |       |        |            |
|-------|----------|-------|--------|------------|
| Date: | Project: | Type: | Notes: | Catalog #: |
|-------|----------|-------|--------|------------|

## L5600 SERIES LED Lensed Wraparound

The L5600 Series is a functional multi-purpose square lensed wraparound that incorporates premium performance and construction durability.



### Features & Specifications

#### Applications

Ideal for use in warehouses, distribution centers, garages, utility rooms, corridors, schools, offices, hospitals and canopies.

#### Construction

Housing made from die formed heavy gauge pre-painted cold rolled steel and is finished with a post- production white polyester polymer frosted diffuser.

#### Mounting

Surface mount. Chain and cable mount ready. 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 -20°C – 50°C Ambient

#### Lumen Maintenance

L70 rating of 122,000 hours

#### Warranty

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

#### Certification

UL Damp Listed. Adheres to LM79, LM80 and TM21 industry standards. DesignLights Consortium® (DLC) 5.1 qualified<sup>1</sup>. RoHS Compliant.

### Performance Data

| Form Factor | Rated Wattage | Tested Wattage | Delivered Lumens | Efficacy | CRI |
|-------------|---------------|----------------|------------------|----------|-----|
| 4FT-7IN     | 22W           | 22W            | 2,860 LM         | 130 LPW  | >80 |
| 4FT-9IN     | 22W           | 22W            | 2,860 LM         | 130 LPW  | >80 |
| 4FT-7IN     | 40W           | 40W            | 5,200 LM         | 130 LPW  | >80 |
| 4FT-9IN     | 40W           | 40W            | 5,200 LM         | 130 LPW  | >80 |



## Catalog Ordering

Sample Part # L5648-40W-7-50K-E5

|            |   |   |   |   |   |   |   |   |   |
|------------|---|---|---|---|---|---|---|---|---|
| <b>L56</b> |   |   |   |   |   |   |   |   |   |
| 1          | 2 | 3 | 4 | 5 | 6 | 6 | 6 | 6 | 6 |

| 1 - Series | 2 - Length in Inches/Wattage/ Width  | 3 - Color Temp (CCT)  | 4 - Version                 |
|------------|--|---|-----------------------------|
| <b>L56</b> | <b>48 - 22W-7</b> (4 Foot, 22 Watt/ 7" Width)<br><b>48 - 22W-9</b> (4 Foot, 22 Watt/ 9" Width)<br><b>48 - 40W-7</b> (4 Foot, 40 Watt/ 7" Width)<br><b>48 - 40W-9</b> (4 Foot, 40 Watt/ 9" Width) | <b>35K</b> (3500 Kelvin Temp)<br><b>40K</b> (4000 Kelvin Temp)<br><b>50K</b> (5000 Kelvin Temp) | <b>E5</b> (DLC Version 5.1) |

### 5 - Controls

**OS** (Occupancy Sensor)  
**PRGOS-LS** (Sensorswitch LSXR-ADC-3v Occ Sensor w/ Dimming Photocell)  
**PRGOS-LR** (IRTEC LRD509 Programmable Occ Sensor w/ Remote Control)

### 6 - 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)  
**10GL** (10' Loop w/ Gripple Hanging Kit)<sup>3</sup>  
**L7/15P** (277V, 15a Twist Lock Plug)  
**L7/20P** (277V, 20a Twist Lock Plug)  
**BAA** (Buy American Act Compliant)

## 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/](http://www.designlights.org/) to confirm which versions are qualified.
- 2 Lumens will change based on fixture selection. Consult with factory for additional options.
- 3 Hanging kit manufactured by Gripple Inc.

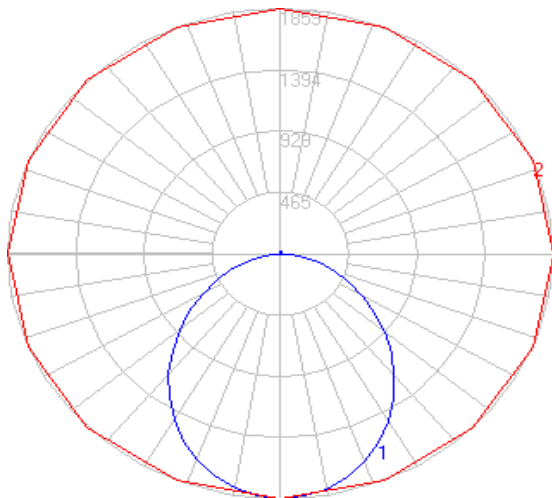
## Photometric Data

L5648-40W-50K Tested in accordance to IESNA LM-79

### Zonal Lumen Summary

| Zone    | Lumens | %Luminaire |
|---------|--------|------------|
| 0-10    | 175.37 | 3.39%      |
| 10-20   | 495.07 | 9.58%      |
| 20-30   | 727.09 | 14.08%     |
| 30-40   | 838.38 | 16.23%     |
| 40-50   | 827.68 | 16.02%     |
| 50-60   | 718.62 | 13.91%     |
| 60-70   | 544.42 | 10.54%     |
| 70-80   | 343.63 | 6.65%      |
| 80-90   | 156.49 | 3.03%      |
| 90-100  | 75.26  | 1.46%      |
| 100-110 | 68.24  | 1.32%      |
| 110-120 | 58.62  | 1.13%      |
| 120-130 | 48.62  | 0.94%      |
| 130-140 | 38.01  | 0.74%      |
| 140-150 | 26.01  | 0.50%      |
| 150-160 | 15.03  | 0.29%      |
| 160-170 | 7.39   | 0.14%      |
| 170-180 | 1.73   | 0.03%      |

### Polar Graph

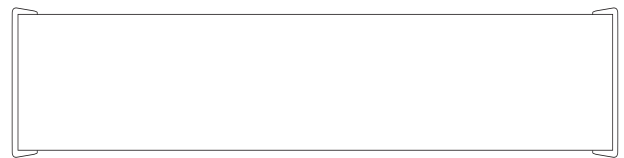


## Physical Characteristics

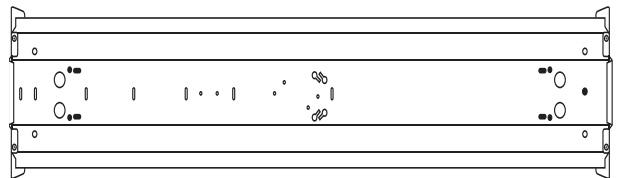
### Dimensions

| Version  | Depth | Length | Width | Weight |
|----------|-------|--------|-------|--------|
| 2FT- 7IN | 2.9"  | 24.0"  | 7.0"  | 5lbs   |
| 2FT- 9IN | 2.9"  | 24.0"  | 9.0"  | 6lbs   |
| 4FT- 7IN | 2.9"  | 48.0"  | 7.0"  | 11lbs  |
| 4FT- 9IN | 2.9"  | 48.0"  | 9.0"  | 12lbs  |

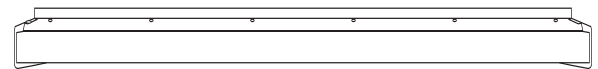
### Top View



### Bottom View



### Side View



### End View

