

Date:	Project:	Type:	Notes:	Catalog #:
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**L6000 SERIES
LED Radial Wrap (L-Bar)**



The L6000 LED radial is a modern fixture in a bright white finish. Ideal for lighting stairwells and multi-deck parking. The 6000 drives excellent paybacks while providing an aesthetic upgrade.



Features & Specifications

Applications

Ideal for use in parking garages, stairwells, night-lighting, corridors, canopies and laundry facilities.

Construction

Housing made from die formed heavy gauge pre-painted cold rolled steel and is finished with a post- production white polyester polymer. Available with extended body to house sensor within a box. Tool-less sensor mounting plate allows for easy access when making sensor

adjustments. Acrylic clear lens.

Mounting

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. Buy American Act Compliant.

Performance Data

Form Factor	Rated Wattage	Tested Wattage	Delivered Lumens	Efficacy	CRI
2FT	12W	14.8W	1,598 LM	108 LPW	>84
2FT	25W	27.8W	2,947 LM	106 LPW	>84
4FT	12W	14.8W	1,598 LM	108 LPW	>84
4FT	25W	27.8W	2,947 LM	106 LPW	>84
4FT	25W	28.0W	3,093 LM	110 LPW	>84
4FT	50W	53.5W	5,858 LM	110 LPW	>84
8FT	50W	55.5W	5,894 LM	106 LPW	>84
8FT	50W	56.0W	6,185 LM	110 LPW	>84
8FT	100W	106.5W	11,716 LM	110 LPW	>84



L60								
1	2	3	4	5	6	6	6	6

1 - Series	2 - Length in Inches/Wattage	3 - Color Temp (CCT)	4 - Transmission/ # of Bars
L60	24 - 212 (2' Fixture/ 2' - 12 Watt LightBar) 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

- OS** (Occupancy Sensor)
- PRGOS-LS** ([SensorSwitch LSXR-ADC-3v Occ Sensor w/ Dimming Photocell](#))
- PRGOS-LR** ([IRTEC LRD509 Programmable 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)
- EB** (6" Extended Body)⁴
- PP** (PowerPlus)

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 Extended body is used for housing sensors however sensors can be installed without using the extentend housing.

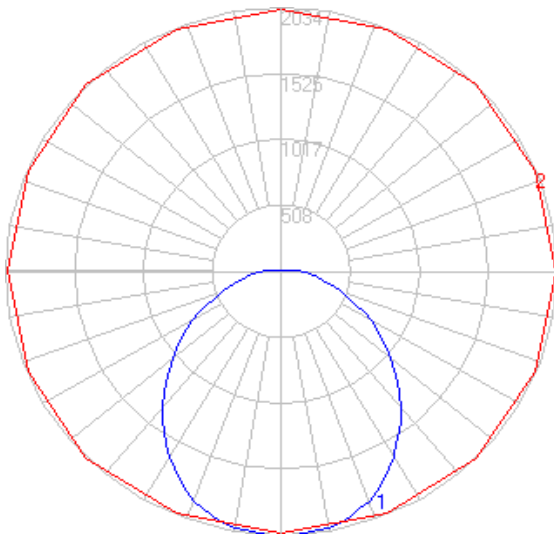
Photometric Data

L6048-4505-H1 Tested in accordance to IESNA LM-79

Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	192.34	3.51%
10-20	549.93	10.03%
20-30	817.22	14.91%
30-40	949.33	17.33%
40-50	932.51	17.02%
50-60	793.67	14.48%
60-70	575.91	10.51%
70-80	348.12	6.35%
80-90	189.96	3.47%
90-100	90.82	1.66%
100-110	30.95	0.56%
110-120	7.91	0.14%
120-130	0.91	0.02%

Polar Graph



Physical Characteristics

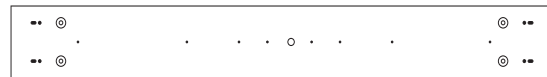
Dimensions

Version	Depth	Length	Width	Weight
2FT	5.0"	24.0"	6.0"	5lbs
2FT w/ EB	5.0"	30.0"	6.0"	6lbs
4FT	5.0"	48.0"	6.0"	11lbs
4FT w/ EB	5.0"	52.0"	6.0"	12lbs
8FT	5.0"	96.0"	6.0"	20lbs
8FT w/ EB	5.0"	102.0"	6.0"	21lbs

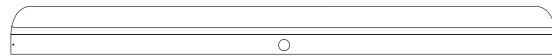
Top View



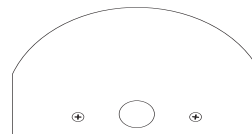
Bottom View



Side View



End View



Options

EB (Extended Body w/ sensor)

