

Date:	Project:	Type:	Notes:	Catalog #:
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CPC-L8500 SERIES LED Peaked Strip (L-Bar)

The CPC L8500 Series LED Peaked Strip is a functional multi-purpose LED Strip that incorporates premium performance and construction durability.



Features & Specifications

Applications

Ideal for use in parking garages, covered parking 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.

Mounting

Surface mount individually or in continuous rows. Chain or 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 -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
4FT	12W	14.5W	1,746 LM	120 LPW	>84
4FT	25W	28.5W	3,178 LM	111 LPW	>84
4FT	25W	28.5W	3,439 LM	121 LPW	>84
4FT	50W	55.0W	6,355 LM	121 LPW	>84
8FT	12W	14.5W	1,746 LM	120 LPW	>84
8FT	25W	28.5W	3,178 LM	111 LPW	>84
8FT	25W	28.5W	3,439 LM	121 LPW	>84
8FT	50W	55W	6,355 LM	121 LPW	>84



POWERED BY



CPC-L85							
1	2	3	4	5	6	7	

1 - Series	2 - Length in Inches/Wattage	3 - Color Temp (CCT)	4 - Transmission/ # of Bars
CPC-L85	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 - 212 (8' Fixture/ 2' - 12 Watt LightBar) 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 S1X (Standard Light Transmission 80%/ 1 Light Bar- MIRUS Ligh Bar- Sold Separately) S2X (Standard Light Transmission 80%/ 2 Light Bars- MIRUS Ligh Bar- Sold Separately) ² H1X (High Light Transmission 94%/ 1 Light Bar- MIRUS Ligh Bar- Sold Separately) H2X (High Light Transmission 94%/ 2 Light Bars- MIRUS Ligh Bar- Sold Separately) ²

5 - Controls

OS (Occupancy Sensor)
PRGOS-LS (Sensorswitch LSXR-ADC-3v Occ Sensor w/ Dimming Photocell)³
PRGOS-LR (IRTEC LRD509 Programmable Occ Sensor w/ Remote Control)³
PRGOS-FS (Wattstopper FSP211 Programmable Occ Sensor w/ Remote Control/ Integral and J-Box)

6 - Options

EM5W (Battery Backup, 5 Watts, ~650 lumens)⁴
EM10W (Battery Backup, 10 Watts, ~1300 lumens)⁴
EM5WT20 (Title 20 Compliant Battery Backup, 5 Watts, ~650 lumens)⁴
EM10WT20 (Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens)⁴
ETS-DR (Emergency Control Device with 0-10V Relay)
480SD (480 Step-Down)
PLG (6' SJT Cord & Plug)

7 - Accessories (Sold Separately)

10GL (10' Loop w/ Gripple Hanging Kit)⁵
WG (Wireguard)

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 configuratuin is only available in 8FT form factor.
- 3 Lumens will change based on fixture selection. Consult with factory for additional options.
- 4 Externally mounted.
- 5 Hanging kit is manufactured by Gripple Inc.

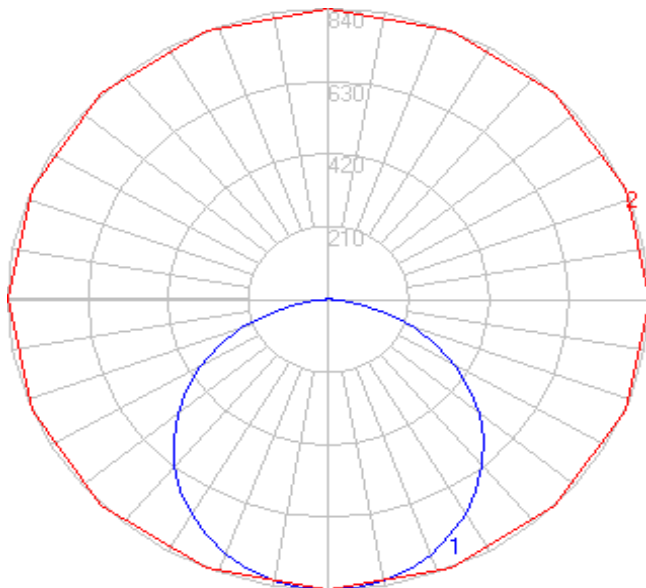
Photometric Data

CPC-L8548-4253-S1 Tested in accordance to IESNA LM-79

Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	79.59	2.74%
10-20	229.04	7.89%
20-30	350.55	12.08%
30-40	429.91	14.81%
40-50	458.49	15.80%
50-60	431.04	14.85%
60-70	350.46	12.07%
70-80	232.47	8.01%
80-90	114.44	3.94%
90-100	69.81	2.40%
100-110	59.05	2.04%
110-120	46.56	1.60%
120-130	30.36	1.05%
130-140	16.15	0.56%
140-150	3.45	0.12%
150-160	0.17	0.01%

Polar Graph

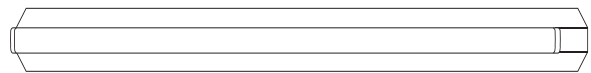


Physical Characteristics

Dimensions

Version	Depth	Length	Width	Weight
4FT	4.00"	48.0"	4.50"	6lbs
8FT	4.00"	96.0"	4.50"	12lbs

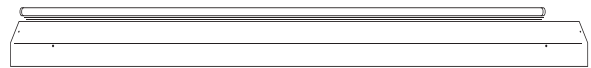
Top View



Bottom View



Side View



EndView

