

Date:	Project:	Type:	Notes:	Catalog #:
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## L85-MIN SERIES LED Strip (Mini L-Bar)

The L85-MIN Series LED Strip is a functional multi-purpose LED Strip that incorporates premium performance and construction durability.



### Features & Specifications

#### Applications

Ideal for use in warehouses, distribution centers, parking garages, stairwells and corridors.

#### 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 120,000 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) qualified<sup>1</sup>. RoHS Compliant. Buy American Act Compliant.

### Performance Data

Form Factor	Rated Wattage	Tested Wattage	Delivered Lumens	Efficacy	CRI
2FT	12W	15W	1,887 LM	125 LPW	>83
4FT	12W	15W	1,887 LM	125 LPW	>83
4FT	16W	20.8W	2,501 LM	120 LPW	>83
4FT	25W	28W	3,691 LM	131 LPW	>83
6FT	16W	20.8W	2,501 LM	120 LPW	>83
6FT	25W	28W	3,691 LM	131 LPW	>83
8FT	12W	15W	1,887 LM	125 LPW	>83
8FT	16W	20.8W	2,501 LM	120 LPW	>83
8FT	25W	28W	3,961 LM	131 LPW	>83



<b>L85</b>								
1	2	3	4	5	6	7	7	7

1 - Series	2 - Length in Inches/Wattage	3 - Color Temp (CCT)	4 - Transmission/ # of Bars
<b>L85</b>	<b>24 - 212</b> (2' Fixture/ 2' - 12 Watt Light Bar) <b>48 - 212</b> (4' Fixture/ 2' - 12 Watt Light Bar) <b>48 - 416</b> (4' Fixture/ 4' - 16 Watt Light Bar) <b>48 - 425</b> (4' Fixture/ 4' - 25 Watt Light Bar) <b>72 - 416</b> (6' Fixture/ 4' - 16 Watt Light Bar) <b>72 - 425</b> (6' Fixture/ 4' - 25 Watt Light Bar) <b>96 - 212</b> (8' Fixture/ 2' - 12 Watt Light Bar) <b>96 - 416</b> (8' Fixture/ 4' - 16 Watt Light Bar) <b>96 - 425</b> (8' Fixture/ 4' - 25 Watt Light Bar)	<b>3</b> (3000 Kelvin Temp) <b>35</b> (3500 Kelvin Temp) <b>4</b> (4000 Kelvin Temp) <b>5</b> (5000 Kelvin Temp)	<b>S1</b> (Standard Light Transmission 80%/ 1 Light Bar) <b>S2</b> (Standard Light Transmission 80%/ 2 Light Bars) <sup>2</sup> <b>H1</b> (High Light Transmission 94%/ 1 Light Bar) <b>H2</b> (High Light Transmission 94%/ 2 Light Bars) <sup>2</sup>

5 - Type	6 - Controls
<b>MIN</b> (Mini Light Bar)	<b>OS</b> (Occupancy Sensor) <b>PRGOS-LS</b> ( <a href="#">Sensorswitch LSXR-ADC-3v Occ Sensor w/ Dimming Photocell</a> ) <b>PRGOS-LR</b> ( <a href="#">IRTEC LRD509 Programmable Occ Sensor w/ Remote Control</a> ) <b>PRGOS-FS</b> ( <a href="#">Wattstopper FSP211 Programmable Occ Sensor w/ Remote Control/ Integral and J-Box</a> )

**7 - Options**

- EM5W** (Battery Backup, 5 Watts, ~650 lumens)<sup>3</sup>
- EM10W** (Battery Backup, 10 Watts, ~1300 lumens)<sup>3</sup>
- EM5WT20** (Title 20 Compliant Battery Backup, 5 Watts, ~650 lumens)<sup>3</sup>
- EM10WT20** (Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens)<sup>3</sup>
- 480SD** (480 Step-Down)
- 10GL** ([10' Loop w/ Gripple Hanging Kit](#))<sup>4</sup>
- PLG** (6' SJT Cord & Plug)
- NCH** (No Channel)

**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 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 is manufactured by Gripple Inc.

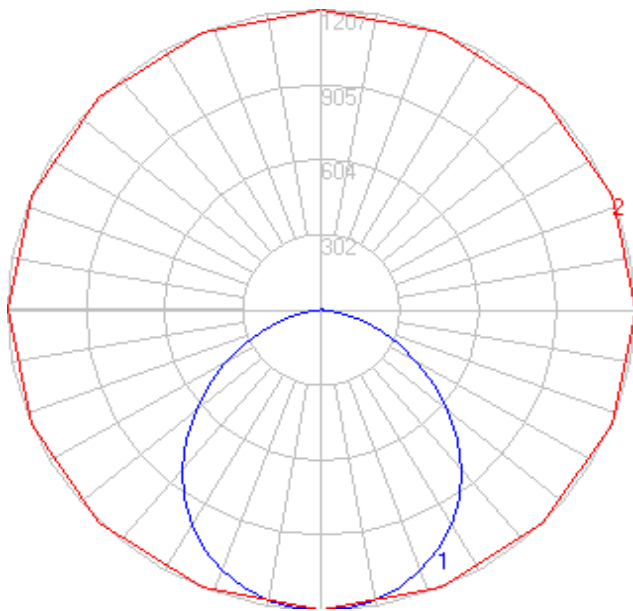
## Photometric Data

L8548-42534-H1-MIN Tested in accordance to IESNA LM-79

### Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	113.98	3.18%
10-20	324.10	9.04%
20-30	484.25	13.50%
30-40	573.08	15.98%
40-50	586.56	16.36%
50-60	532.11	14.87%
60-70	423.03	11.80%
70-80	281.53	7.85%
80-90	147.73	4.12%
90-100	73.83	2.06%
100-110	35.73	0.99%
110-120	9.54	0.26%
120-130	0.80	0.02%

### Polar Graph

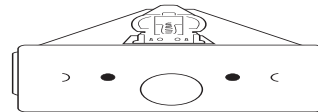


## Physical Characteristics

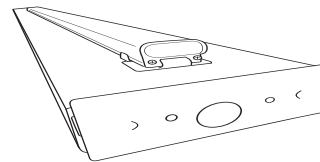
### Dimensions

Version	Depth	Length	Width	Weight
2FT	1.87"	24.0"	4.37"	3lbs
4FT	1.87"	48.0"	4.37"	6lbs
6FT	1.87"	72.0"	4.37"	9lbs
8FT	1.87"	96.0"	4.37"	12lbs

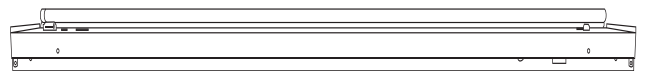
### End View



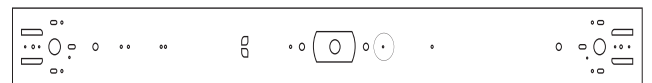
### End/ Top Close-Up View



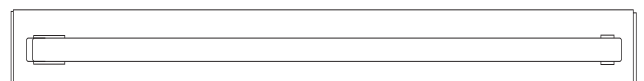
### Side View



### Bottom View



### Top View



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## Options

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PRGOS-LO (IRTEC LOD509 Bi-Level Occ Sensor w/ Photocell)



NCH (No Channel)

