

Date:	Project:	Type:	Notes:	Catalog #:
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L28500 SERIES LED Lensed Strip



The L28500 Series is a functional multi-purpose LED lensed strip that incorporates premium performance and construction durability.



Features & Specifications

Applications

Ideal for use in warehouses, distribution centers, parking garages, covered parking, shops, utility rooms, stairwells, corridors, canopies and general lighting.

Construction

Housing made from die formed heavy gauge cold rolled steel and is finished with a post- production baked white powder coat. Frosted lens.

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 -40°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 listed. RoHS Compliant.



Performance Data

Form Factor	Rated Wattage	Delivered Lumens	Efficacy	CCT	CRI
2FT	20W	2,600 LM	130 LPW	40K, 50K	>83
4FT	23W	2,990 LM	130 LPW	35K, 40K, 50K	>83
4FT	35W	4,550 LM	130 LPW	50K	>83
4FT	40W	5,200 LM	130 LPW	50K	>83
8FT	38W	4,940 LM	130 LPW	35K, 40K	>83
8FT	46W	5,980 LM	130 LPW	40K, 50K	>83
8FT	54W	7,020 LM	130 LPW	40K	>83
8FT	75W	9,750 LM	130 LPW	40K	>83
8FT	90W	11,700 LM	130 LPW	40K	>83

Catalog Ordering

Sample Part # L28548-40W-50K-E5

L285								
1	2	3	4	5	6	6	6	6

1 - Series	2 - Length in Inches/Wattage	3 - Color Temp (CCT)	4 - Version
L285	24 - 20W (2 Foot, 20 Watt) 48 - 23W (4 Foot, 23 Watt) 48 - 35W (4 Foot, 35 Watt) 48 - 40W (4 Foot, 40 Watt) 96 - 38W (8 Foot, 38 Watt) 96 - 46W (8 Foot, 46 Watt) 96 - 54W (8 Foot, 54 Watt) 96 - 75W (8 Foot, 75 Watt) 96 - 90W (8 Foot, 90 Watt)	35K (3500 Kelvin Temp) 40K (4000 Kelvin Temp) 50K (5000 Kelvin Temp)	E5 (DLC Version 5.1)

5 - Controls

OS On / Off PIR Occupancy Sensor
PRGOS-LS Sensorswitch LSXR Occ Sensor w/ Dimming Photocell
PRGOS-LR IRTEC LRD Programmable Occ Sensor w/ Remote Control

6 - Accessories

EM10WT20 Title 20 Compliant Emergency Battery Backup, 10 Watts, ~1300 Lumens
 (lumens will change based on fixture selection)
ETS-DR UL924 Emergency Lighting Control Device
PLG 6' SJT Cord & Plug
10GL 10' Loop Aircraft Hanging Cable/Fixture
PP Power Plus
L28548-WG L28500 4' Strip Wireguard
L28500-BRKT Connector Bracket

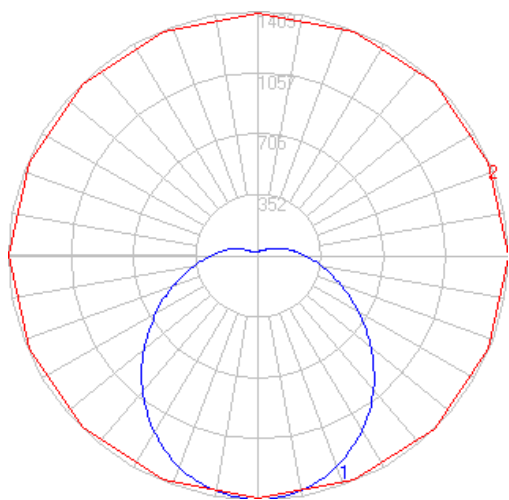
Photometric Data

L28548-40W-50K Tested in accordance to IESNA LM-79

Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	132.70	2.63%
10-20	378.50	7.52%
20-30	569.74	11.31%
30-40	683.90	13.58%
40-50	711.93	14.14%
50-60	662.91	13.16%
60-70	561.39	11.15%
70-80	434.31	8.62%
80-90	312.66	6.21%
90-100	219.70	4.36%
100-110	150.13	2.98%
110-120	93.39	1.85%
120-130	51.43	1.02%
130-140	31.55	0.63%
140-150	20.54	0.41%
150-160	12.63	0.25%
160-170	6.88	0.13%
170-180	2.36	0.05%

Polar Graph

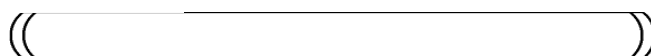


Physical Characteristics

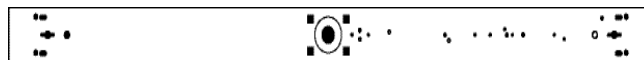
Dimensions

Version	Depth	Length	Width	Weight
2FT	3.56"	24.0"	3.35"	3.5lbs
4FT	3.56"	48.0"	3.35"	7lbs
8FT	3.56"	96.0"	3.35"	14lbs

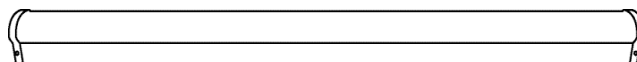
Top View



Bottom View



Side View



End View

