

Date:	Project:	Type:	Notes:	Catalog #:
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L28600 SERIES LED Square-Lensed Strip



The L28600 Series is a functional multi-purpose LED square 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 Listed. Adheres to LM79, LM80 and TM21 industry standards. DesignLights Consortium® (DLC) qualified¹. RoHS Compliant.

Performance Data

Form Factor	Rated Wattage	Tested Wattage	Delivered Lumens	Efficacy	CRI
2FT	20W	19W	2,580 LM	129 LPW	>83
3FT	25W	25W	3,200 LM	128 LPW	>83
4FT	18W	18W	2,340 LM	130 LPW	>83
4FT	25W	25W	3,250 LM	130 LPW	>83
4FT	30W	30W	3,960 LM	132 LPW	>83
4FT	35W	35W	4,515 LM	129 LPW	>83
4FT	40W	40W	5,120 LM	128 LPW	>83
4FT	45W	45W	5,715 LM	127 LPW	>83
4FT	75W	75W	10,092 LM	134 LPW	>83
8FT	38W	38W	4,940 LM	130 LPW	>83
8FT	46W	46W	5,980 LM	130 LPW	>83
8FT	54W	54W	7,128 LM	132 LPW	>83
8FT	65W	65W	8,385 LM	129 LPW	>83
8FT	75W	75W	9,600 LM	128 LPW	>83
8FT	90W	90W	11,430 LM	127 LPW	>83
8FT	150W	150W	20,000 LM	133 LPW	>83



L286								
1	2	3	4	5	5	5	5	5

1 - Series	2 - Length in Inches/Wattage	3 - Color Temp (CCT)	4- Controls
L286	24 - 20W (2 Foot, 19 Watt) 36 - 25W (3 Foot, 25 Watt) 48 - 18W (4 Foot, 18 Watt) 48 - 25W (4 Foot, 25 Watt) 48 - 30W (4 Foot, 30 Watt) 48 - 35W (4 Foot, 35 Watt) 48 - 40W (4 Foot, 40 Watt) 48 - 45W (4 Foot, 45 Watt) 48 - 75W (4 Foot, 76 Watt) 96 - 38W (8 Foot, 38 Watt) 96 - 46W (8 Foot, 46 Watt) 96 - 54W (8 Foot, 54 Watt) 96 - 65W (8 Foot, 65 Watt) 96 - 75W (8 Foot, 75 Watt) 96 - 90W (8 Foot, 90 Watt) 96 - 150W (8 Foot, 150 Watt)	35K (3500 Kelvin Temp) 40K (4000 Kelvin Temp) 50K (5000 Kelvin Temp)	OS (Occupancy Sensor) PRGOS-LS (Sensorswitch LSXR-ADC-3v Occ Sensor w/ Dimming Photocell) PRGOS-LR (IRTEC LRD509 Programmable Occ Sensor w/ Remote Control)

5 - Options

- EM5W** (Battery Backup, 5 Watts, ~650 lumens)²
- EM10W** (Battery Backup, 10 Watts, ~1300 lumens)²
- EM5WT20** (Title 20 Compliant Battery Backup, 5 Watts, ~650 lumens)²
- EM10WT20** (Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens)²
- 480SD** (480 Step-Down)
- PLG** (6' SJT Cord & Plug)
- 10GL** ([10' Loop w/ Gripple Hanging Kit](#))³
- PP** (PowerPlus)
- 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/ to confirm which versions are qualified.
- 2 Lumens will change based on fixture selection. Consult with factory for additional options.
- 3 Mounting kit is manufactured by Gripple Inc.

Photometric Data

Physical Characteristics

L28648-40W-35K Tested in accordance to IESNA LM-79

Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	136.97	2.72%
10-20	391.33	7.77%
20-30	590.76	11.73%
30-40	711.48	14.12%
40-50	744.07	14.77%
50-60	695.54	13.81%
60-70	582.77	11.60%
70-80	432.92	8.59%
80-90	286.07	5.68%
90-100	181.72	3.61%
100-110	114.88	2.28%
110-120	70.79	1.41%
120-130	42.69	0.85%
130-140	25.40	0.50%
140-150	15.06	0.29%
150-160	8.79	0.17%
160-170	4.66	0.09%
170-180	1.28	0.03%

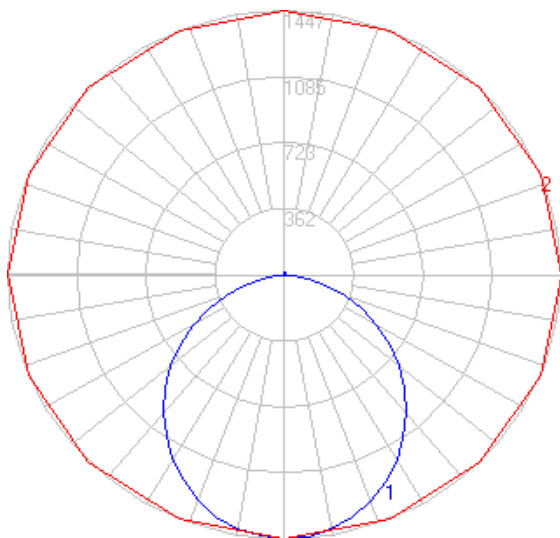
Version	Depth	Length	Width	Weight
2FT	2.75"	24.0"	2.35"	4lbs
3FT	2.75"	36.0"	2.35"	5.5lbs
4FT	2.75"	48.0"	2.35"	7lbs
8FT	2.75"	96.0"	2.35"	14lbs

Top View

Bottom View



Polar Graph



Top View



End View

