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|-------|----------|-------|--------|------------|
| Date: | Project: | Type: | Notes: | Catalog #: |
|-------|----------|-------|--------|------------|

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 Damp 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
- ETS-DR** (Emergency Control Device with 0-10V Relay)
- 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.

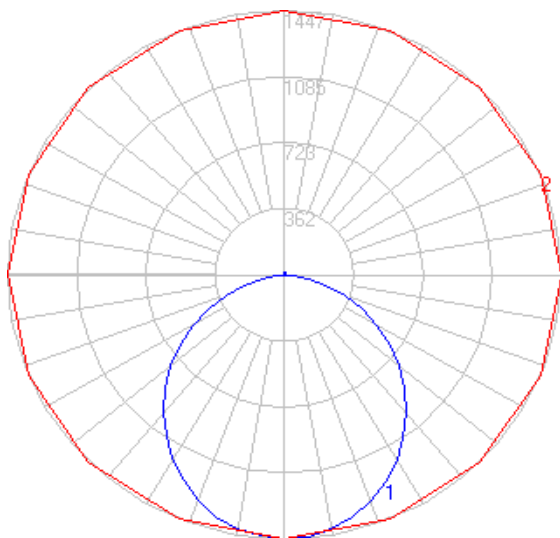
Photometric Data

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% |

Polar Graph



Physical Characteristics

Dimensions

| 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



Top View



End View

