

# SL Strip Light



|            |  |
|------------|--|
| Project:   |  |
| Type:      |  |
| Catalog #: |  |

## STANDARD



## FEATURES

- Available in 3500k (warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures.\*
- Long-life LEDs provide 190,000 hours of operation with at least 70% of initial lumen output ( $L_{70}$ ).\*\*
- SL-2FT-25L provides a range of 2,527 to 2,545 nominal lumens and 128 to 129 lumens per watt (LPW).\*
- SL-3FT-33L provides a range of 3,264 to 3,333 nominal lumens and 132 to 135 LPW.\*
- SL-4FT-46L provides a range of 4,577 to 4,615 nominal lumens and 133 to 134 LPW.\*
- SL-8FT-80L provides a range of 8,765 to 9,002 nominal lumens and 138 LPW.\*
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming capability is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Steel housing and PMMA lens.
- Easy installation in new construction or retrofit.

\* Contact factory for other color temperatures and lumen packages.

\*\*  $L_{70}$  hours are IES TM21-11 calculated hours.

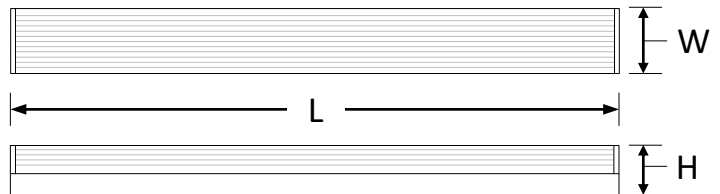


## WARRANTY & LISTINGS

- cULus approved for damp locations in ambient temperatures from (-20°C to 50°C / -4°F to 122°F).\*
- DLC premium approved.
- Complies with FCC Part 15, Class A.
- Low risk of flicker per IEEE1789-2015 at 100% light output.
- Complies with IEEE C.62.41-1991, Class A input transient surge protection (2.0kV).
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- 5-year warranty of all electronics and housing.

\* Maximum ambient temperature for SL-8FT-80L = 35°C

## DIMENSIONS



|               | SL-2FT | SL-3FT | SL-4FT | SL-8FT |
|---------------|--------|--------|--------|--------|
| Length – L    | 22.2"  | 35"    | 47.3"  | 94.2"  |
| Width – W     | 3.3"   | 3.3"   | 3.3"   | 3.3"   |
| Height – H    | 3.6"   | 3.6"   | 3.6"   | 3.6"   |
| Weight (lbs.) | 2.6    | 3.7    | 5.3    | 10.4   |

## ORDERING INFORMATION

Example: SL-4FT-46L-5K-ODS-EM16

| Series | Length & Nominal Lumen Output |                      | Color Temperature |       | Occupancy Sensor <sup>1,2</sup> |                     | Internally Installed Emergency Drivers <sup>3,4</sup> |                     |
|--------|-------------------------------|----------------------|-------------------|-------|---------------------------------|---------------------|---|---------------------|
|        | Length                        | Nominal Lumen Output | 3500k             | 4000k | OS                              | Passive infrared    | EM8   | 800 lumens          |
| SL     | 2FT-25L                       | 2' = 2,500 lumens    | 35K               | 3500k | OS                              | Passive infrared    | EM12  | 1,200 lumens        |
|        | 3FT-33L                       | 3' = 3,300 lumens    | 4K                | 4000k | ODS                             | Microwave           | EM16  | 1,600 lumens        |
|        | 4FT-46L                       | 4' = 4,600 lumens    | 5K                | 5000k | Blank                           | No occupancy sensor | EM20  | 2,000 lumens        |
|        | 8FT-80L                       | 8' = 8,000 lumens    |                   |       |                                 |                     | EM24  | 2,400 lumens        |
|        |                               |                      |                   |       |                                 |                     | EC8   | 800 lumens          |
|        |                               |                      |                   |       |                                 |                     | EC12  | 1,200 lumens        |
|        |                               |                      |                   |       |                                 |                     | EC16  | 1,600 lumens        |
|        |                               |                      |                   |       |                                 |                     | EC20  | 2,000 lumens        |
|        |                               |                      |                   |       |                                 |                     | EC24  | 2,400 lumens        |
|        |                               |                      |                   |       |                                 |                     | Blank   | No emergency driver |

<sup>1</sup> Contact factory for other sensors.

<sup>2</sup> OS = passive infrared technology – features include on/off only. ODS = microwave technology – features include on/off, step-dimming, and daylight threshold.

<sup>3</sup> Not all luminaire lengths allow for internal emergency drivers – see emergency driver compatibility list (page 2).

<sup>4</sup> EC emergency drivers are California Energy Commission (CEC) listed.

Specifications and dimensions subject to change without notice.

## EMERGENCY DRIVERS – PERFORMANCE DATA

| Emergency Driver Part Number | EM8 / EC8 |           | EM12 / EC12 |           | EM16 / EC16 |           | EM20 / EC20 |           | EM24 / EC24 |           | Runtime  |
|------------------------------|-----------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|----------|
|                              | Watts     | EM Lumens | Watts       | EM Lumens | Watts       | EM Lumens | Watts       | EM Lumens | Watts       | EM Lumens |          |
| SL-2FT-25L-xK                | 5.0       | 650       | 7.8         | 1014      | 10.7        | 1391      | 13.7        | 1781      | 17.0        | 2210      | 90 MINS. |
| SL-3FT-33L-xK                | 5.0       | 650       | 7.8         | 1014      | 10.7        | 1391      | 13.7        | 1781      | 17.0        | 2210      |          |
| SL-4FT-46L-xK                | 5.0       | 650       | 7.8         | 1014      | 10.7        | 1391      | 13.7        | 1781      | 17.0        | 2210      |          |
| SL-8FT-80L-xK                | 5.0       | 650       | 7.8         | 1014      | 10.7        | 1391      | 13.7        | 1781      | 17.0        | 2210      |          |

## COMPATIBLE EMERGENCY DRIVERS INTERNALLY INSTALLED\*

| Model         | Emergency Options   |
|---------------|---|
| SL-2FT-25L-xK | N/A   |
| SL-3FT-33L-xK | EM8 / EC8   |
| SL-4FT-46L-xK | EM8 / EC8<br>EM12 / EC12<br>EM16 / EM16                               |
| SL-8FT-80L-xK | EM8 / EC8<br>EM12 / EC12<br>EM16 / EC16<br>EM20 / EC20<br>EM24 / EC24 |

\* For list of remote mountable emergency drivers, see *ACCESSORIES*

## ACCESSORIES (Order Separately)

### Remote Mount Emergency Drivers

|                    |   |                                      |
|--------------------|---|--------------------------------------|
| BLEDEM-CP-800      | = | Emergency driver - EM8               |
| BLEDEM-CP-1200     | = | Emergency driver - EM12              |
| BLEDEM-CP-1600     | = | Emergency driver - EM16              |
| BLEDEM-CP-2000     | = | Emergency driver - EM20              |
| BLEDEM-CP-2400     | = | Emergency driver - EM24              |
| BLEDEM-CP-800-CEC  | = | Emergency driver - EC8 - CEC listed  |
| BLEDEM-CP-1200-CEC | = | Emergency driver - EC12 - CEC listed |
| BLEDEM-CP-1600-CEC | = | Emergency driver - EC16 - CEC listed |
| BLEDEM-CP-2000-CEC | = | Emergency driver - EC20 - CEC listed |
| BLEDEM-CP-2400-CEC | = | Emergency driver - EC24 - CEC listed |

### Wire Guard

|           |   |                      |
|-----------|---|----------------------|
| SL-2FT-WG | = | Wire-guard kit – 2FT |
| SL-3FT-WG | = | Wire-guard kit – 3FT |
| SL-4FT-WG | = | Wire-guard kit – 4FT |
| SL-8FT-WG | = | Wire-guard kit – 8FT |

## COMPATIBLE DIMMERS

| Manufacturer     | Model Number | Dimming Range | Load Switching Capacity |
|------------------|--------------|---------------|-------------------------|
| Lutron           | DVSTV        | 10%-100%      | 450W                    |
| Leviton          | IP710-LFZ    | 10%-100%      | 1200W                   |
| General Protecht | DMD-LED3-102 | 10%-100%      | 600W                    |

## ELECTRICAL

| Series         | Color Temperature | CRI <sup>1</sup> | Luminaire Lumens | Luminaire Watts | Lumens Per Watt | Input Voltage <sup>2</sup> | Input Current (A) |      |      | Power Factor | THD <sup>3</sup> | L <sub>70</sub> Hours <sup>4</sup> |
|----------------|-------------------|------------------|------------------|-----------------|-----------------|----------------------------|-------------------|------|------|--------------|------------------|------------------------------------|
|                |                   |                  |                  |                 |                 |                            | 120V              | 240V | 277V |              |                  |                                    |
| SL-2FT-25L-35K | 3500k             | > 80             | 2,545            | 20              | 129             | 120-277                    | 0.17              | 0.08 | 0.07 | > 90%        | < 20%            | 190,000                            |
| SL-2FT-25L-4K  | 4000k             | > 80             | 2,527            | 20              | 128             | 120-277                    | 0.17              | 0.08 | 0.07 | > 90%        | < 20%            | 190,000                            |
| SL-2FT-25L-5K  | 5000k             | > 80             | 2,540            | 20              | 129             | 120-277                    | 0.17              | 0.08 | 0.07 | > 90%        | < 20%            | 190,000                            |
| SL-3FT-33L-35K | 3500k             | > 80             | 3,279            | 25              | 132             | 120-277                    | 0.21              | 0.10 | 0.09 | > 90%        | < 20%            | 190,000                            |
| SL-3FT-33L-4K  | 4000k             | > 80             | 3,264            | 25              | 132             | 120-277                    | 0.21              | 0.10 | 0.09 | > 90%        | < 20%            | 190,000                            |
| SL-3FT-33L-5K  | 5000k             | > 80             | 3,333            | 25              | 135             | 120-277                    | 0.21              | 0.10 | 0.09 | > 90%        | < 20%            | 190,000                            |
| SL-4FT-46L-35K | 3500k             | > 80             | 4,577            | 34              | 133             | 120-277                    | 0.28              | 0.14 | 0.12 | > 90%        | < 20%            | 190,000                            |
| SL-4FT-46L-4K  | 4000k             | > 80             | 4,615            | 34              | 134             | 120-277                    | 0.28              | 0.14 | 0.12 | > 90%        | < 20%            | 190,000                            |
| SL-4FT-46L-5K  | 5000k             | > 80             | 4,600            | 35              | 133             | 120-277                    | 0.29              | 0.15 | 0.13 | > 90%        | < 20%            | 190,000                            |
| SL-8FT-80L-35K | 3500k             | > 80             | 9,002            | 65              | 138             | 120-277                    | 0.53              | 0.27 | 0.23 | > 90%        | < 20%            | 190,000                            |
| SL-8FT-80L-4K  | 4000k             | > 80             | 8,884            | 64              | 138             | 120-277                    | 0.53              | 0.27 | 0.23 | > 90%        | < 20%            | 190,000                            |
| SL-8FT-80L-5K  | 5000k             | > 80             | 8,765            | 64              | 138             | 120-277                    | 0.53              | 0.27 | 0.23 | > 90%        | < 20%            | 190,000                            |

<sup>1</sup> Color rendering index.

<sup>2</sup> All 50-60Hz.

<sup>3</sup> Total harmonic distortion.

<sup>4</sup> L<sub>70</sub> refers to the number of hours at which lumen output declines to 70% of the initial level. L<sub>70</sub> hours are IES TM21-11 calculated hours.

## PHOTOMETRIC DATA

### SL-2FT-25L-5K

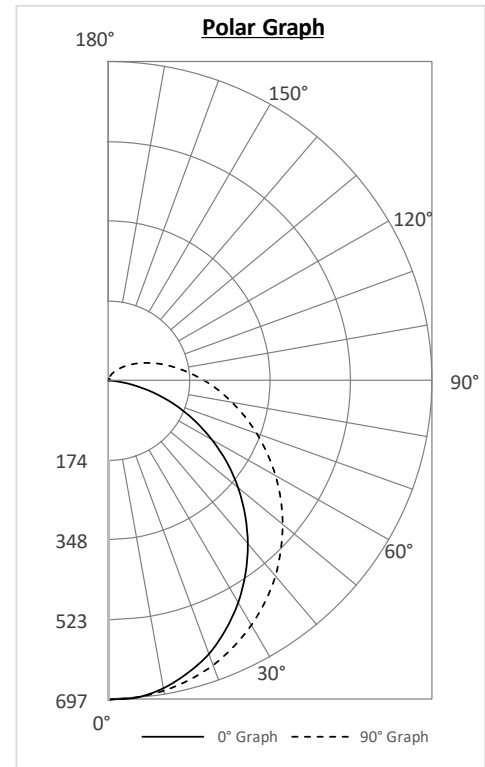
#### Luminaire Data

| Description                 | STRIP LIGHT<br>2FT, 5K |
|-----------------------------|------------------------|
| Total Lumens                | 2,540                  |
| Input Wattage               | 20                     |
| Efficacy (lm/W)             | 129                    |
| Spacing Criterion (0-180°)  | 1.20                   |
| Spacing Criterion (90-270°) | 1.32                   |

#### Zonal Lumen Summary

| Zone   | Lumens | %Fixt |
|--------|--------|-------|
| 0-20°  | 253    | 10.0% |
| 0-30°  | 538    | 21.2% |
| 0-40°  | 882    | 34.7% |
| 0-60°  | 1,585  | 62.4% |
| 0-80°  | 2,098  | 82.6% |
| 0-90°  | 2,253  | 88.7% |
| 10-90° | 2,188  | 86.1% |
| 20-40° | 628    | 24.7% |
| 20-50° | 990    | 39.0% |
| 40-70° | 994    | 39.1% |

| Zone     | Lumens | %Fixt  |
|----------|--------|--------|
| 60-80°   | 513    | 20.2%  |
| 70-80°   | 222    | 8.8%   |
| 80-90°   | 156    | 6.1%   |
| 90-110°  | 178    | 7.0%   |
| 90-120°  | 224    | 8.8%   |
| 90-130°  | 253    | 9.9%   |
| 90-150°  | 279    | 11.0%  |
| 90-180°  | 286    | 11.3%  |
| 110-180° | 109    | 4.3%   |
| 0-180°   | 2,540  | 100.0% |



## PHOTOMETRIC DATA

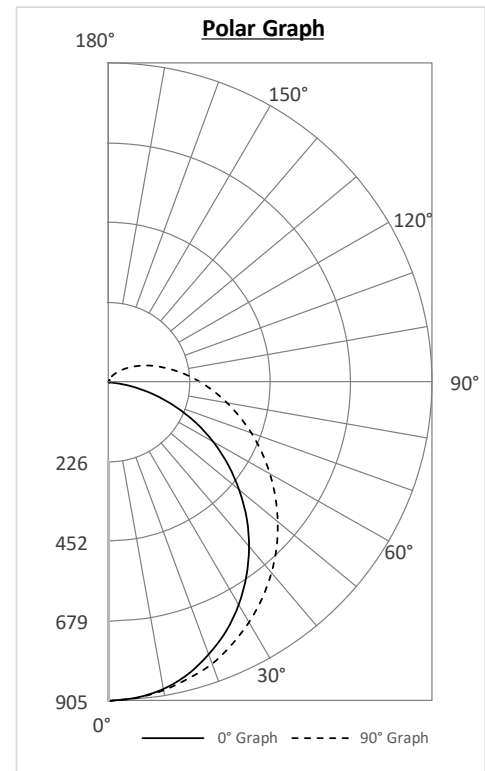
### SL-3FT-33L-5K

#### Luminaire Data

|                             |                        |
|-----------------------------|------------------------|
| Description                 | STRIP LIGHT<br>3FT, 5K |
| Total Lumens                | 3,333                  |
| Input Wattage               | 25                     |
| Efficacy (lm/W)             | 135                    |
| Spacing Criterion (0-180°)  | 1.22                   |
| Spacing Criterion (90-270°) | 1.30                   |

#### Zonal Lumen Summary

| Zone   | Lumens | %Fixt | Zone     | Lumens | %Fixt  |
|--------|--------|-------|----------|--------|--------|
| 0-20°  | 329    | 9.9%  | 60-80°   | 677    | 20.3%  |
| 0-30°  | 699    | 21.0% | 70-80°   | 295    | 8.8%   |
| 0-40°  | 1,147  | 34.4% | 80-90°   | 207    | 6.2%   |
| 0-60°  | 2,068  | 62.0% | 90-110°  | 237    | 7.1%   |
| 0-80°  | 2,745  | 82.3% | 90-120°  | 299    | 9.0%   |
| 0-90°  | 2,952  | 88.6% | 90-130°  | 337    | 10.1%  |
| 10-90° | 2,867  | 86.0% | 90-150°  | 372    | 11.2%  |
| 20-40° | 818    | 24.6% | 90-180°  | 381    | 11.4%  |
| 20-50° | 1,291  | 38.7% | 110-180° | 144    | 4.3%   |
| 40-70° | 1,303  | 39.1% | 0-180°   | 3,333  | 100.0% |



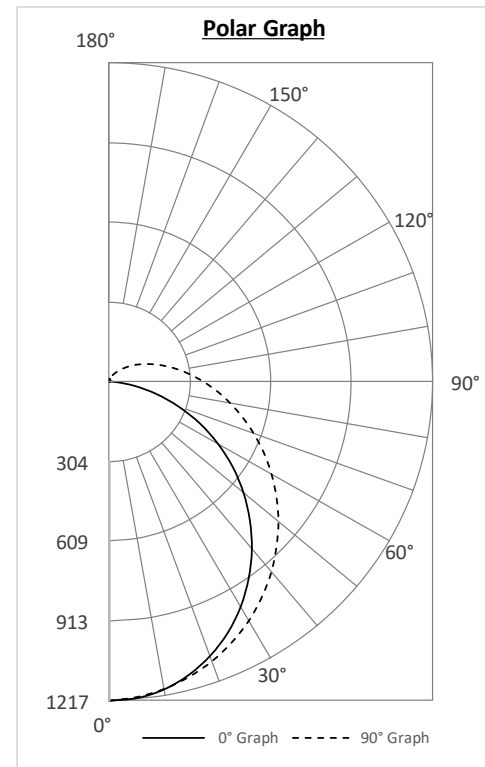
### SL-4FT-46L-5K

#### Luminaire Data

|                             |                        |
|-----------------------------|------------------------|
| Description                 | STRIP LIGHT<br>4FT, 5K |
| Total Lumens                | 4,600                  |
| Input Wattage               | 35                     |
| Efficacy (lm/W)             | 133                    |
| Spacing Criterion (0-180°)  | 1.22                   |
| Spacing Criterion (90-270°) | 1.30                   |

#### Zonal Lumen Summary

| Zone   | Lumens | %Fixt | Zone     | Lumens | %Fixt  |
|--------|--------|-------|----------|--------|--------|
| 0-20°  | 443    | 9.6%  | 60-80°   | 943    | 20.5%  |
| 0-30°  | 943    | 20.5% | 70-80°   | 413    | 9.0%   |
| 0-40°  | 1,550  | 33.7% | 80-90°   | 293    | 6.4%   |
| 0-60°  | 2,810  | 61.1% | 90-110°  | 341    | 7.4%   |
| 0-80°  | 3,753  | 81.6% | 90-120°  | 432    | 9.4%   |
| 0-90°  | 4,046  | 87.9% | 90-130°  | 489    | 10.6%  |
| 10-90° | 3,931  | 85.4% | 90-150°  | 541    | 11.8%  |
| 20-40° | 1,107  | 24.1% | 90-180°  | 555    | 12.1%  |
| 20-50° | 1,751  | 38.1% | 110-180° | 214    | 4.6%   |
| 40-70° | 1,790  | 38.9% | 0-180°   | 4,600  | 100.0% |



## PHOTOMETRIC DATA

### SL-8FT-80L-5K

#### Luminaire Data

|                             |                        |
|-----------------------------|------------------------|
| Description                 | STRIP LIGHT<br>8FT, 5K |
| Total Lumens                | 8,765                  |
| Input Wattage               | 64                     |
| Efficacy (lm/W)             | 138                    |
| Spacing Criterion (0-180°)  | 1.22                   |
| Spacing Criterion (90-270°) | 1.30                   |

#### Zonal Lumen Summary

| Zone   | Lumens | %Fixt |
|--------|--------|-------|
| 0-20°  | 844    | 9.6%  |
| 0-30°  | 1,796  | 20.5% |
| 0-40°  | 2,953  | 33.7% |
| 0-60°  | 5,353  | 61.1% |
| 0-80°  | 7,150  | 81.6% |
| 0-90°  | 7,708  | 87.9% |
| 10-90° | 7,490  | 85.4% |
| 20-40° | 2,109  | 24.1% |
| 20-50° | 3,337  | 38.1% |
| 40-70° | 3,411  | 38.9% |

| Zone     | Lumens | %Fixt  |
|----------|--------|--------|
| 60-80°   | 1,797  | 20.5%  |
| 70-80°   | 786    | 9.0%   |
| 80-90°   | 558    | 6.4%   |
| 90-110°  | 650    | 7.4%   |
| 90-120°  | 824    | 9.4%   |
| 90-130°  | 932    | 10.6%  |
| 90-150°  | 1,030  | 11.8%  |
| 90-180°  | 1,057  | 12.1%  |
| 110-180° | 407    | 4.6%   |
| 0-180°   | 8,765  | 100.0% |

