

T-SLED Series

LED Strip



DESCRIPTION

The small size of the T-SLED makes it an ideal choice for size restricted architectural applications. The T-SLED series is a great illumination solution in commercial, industrial, retail and residential applications. The fixture can be used in storage & utility areas, coves, display cases, shops, task and general area lighting.

Specification Features

Construction

Durable post painted steel housing with white gloss finish and optional Frosted Polycarbonate lens.

Applications

Warehouses, Retail, Offices, etc.

Mounting

Surface mount or pendant mount with aircraft cable option.

Certification

DLC Premium, UL Listed. All components have UL certification. Protection Grade IP20.

Warranty

7-year Limited Warranty. See warranty documentation for more information.

| | |
|--------------------------|-----------------------------------|
| Input Voltage | 120-277V |
| Input Frequency | 50/60 Hz |
| Rated Wattage | See Performance Data |
| Delivered Lumens | See Performance Data |
| Efficacy | > 130 LPW |
| CRI | > 80 |
| Available CCT | 4000K, 5000K |
| Color Consistency | 5-step MacAdam Ellipse |
| Rated Life | > 50,000 hours |
| Ambient Temp. | -20°C to 50°C |
| Power Factor | > 0.92 |
| THD | < 20% |
| Dimming | 0-10V Continuous (10-100%) |

Ordering Options

Example: T1-SLED436-50

| T-SLED | 4 | 36 | - 50 | [Blank] | [Blank] |
|--|--------------------|--|----------------------|--|----------------|
| Series | Form Factor | Rated Wattage | Color Temp | Lens Diffuser | Dimming |
| T-SLED | 4 4' 8 8' | 4' 24 24W 36 36W 8' 48 48W 72 72W | 40 4000K 50 5000K | Blank Frosted | Blank 0-10V |
| Options | | | | | |
| Emergency Backup | | Controls | | Accessories | |
| EM ST Step-down Transformer 347-480V | | OS Occupancy Sensor OSDL Occ. Sensor w/ Daylight | | AC Aircraft cable suspension kit CRD Cord | |

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Performance Data

T-SLED4 / SLED8

| Lens Type | Form Factor | Catalog No. | Rated Wattage | 4000K | | 5000K | |
|--------------|-------------|-------------|---------------|------------------|-----------------|------------------|-----------------|
| | | | | Delivered Lumens | Efficacy (lm/W) | Delivered Lumens | Efficacy (lm/W) |
| Frosted Lens | 4' | T-SLED426 | 24 | 3,309.6 | 137.9 | 3,324 | 138.5 |
| | | T-SLED436 | 36 | 4,712.4 | 130.9 | 4,741.2 | 131.7 |
| | 8' | T-SLED848 | 48 | 6,619.2 | 137.9 | 6,638.4 | 138.3 |
| | | T-SLED872 | 72 | 9,424.8 | 130.9 | 9,475.2 | 131.6 |

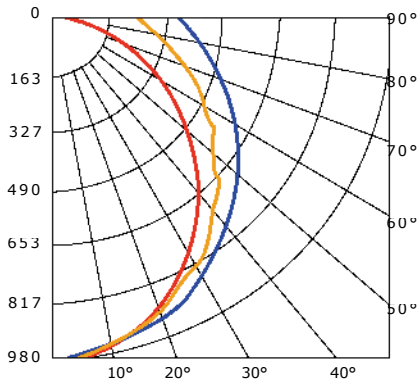


Photometric Data

T-SLED4 / SLED8

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%



| RCC %: | 80 | | | 70 | | | 50 | | | | |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RW %: | 70 | 50 | 30 | 70 | 50 | 30 | 70 | 50 | 30 | | |
| RCR: 0 | .90 | .90 | .90 | .88 | .88 | .88 | .75 | .84 | .84 | .84 | |
| 1 | .80 | .75 | .71 | .67 | .77 | .73 | .69 | .59 | .70 | .67 | .64 |
| 2 | .72 | .64 | .58 | .53 | .69 | .63 | .57 | .48 | .60 | .55 | .51 |
| 3 | .65 | .56 | .49 | .43 | .63 | .55 | .48 | .40 | .52 | .47 | .42 |
| 4 | .59 | .49 | .42 | .36 | .57 | .48 | .41 | .34 | .46 | .40 | .35 |
| 5 | .54 | .44 | .36 | .31 | .53 | .43 | .36 | .29 | .41 | .35 | .30 |
| 6 | .50 | .39 | .32 | .27 | .49 | .39 | .32 | .26 | .37 | .31 | .26 |
| 7 | .46 | .36 | .29 | .24 | .45 | .35 | .28 | .23 | .34 | .28 | .23 |
| 8 | .43 | .32 | .26 | .21 | .42 | .32 | .25 | .20 | .31 | .25 | .21 |
| 9 | .40 | .30 | .23 | .19 | .39 | .29 | .23 | .18 | .28 | .23 | .19 |
| 10 | .38 | .27 | .21 | .17 | .37 | .27 | .21 | .17 | .26 | .21 | .17 |

Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Luminaire |
|-------|---------|-------|------------|
| 0-30 | 748.0 | 17.2% | 22.8% |
| 0-40 | 1,230.4 | 28.3% | 37.5% |
| 0-60 | 2,237.2 | 51.4% | 68.2% |
| 60-90 | 1,043.9 | 24% | 31.8% |
| 0-90 | 3,281.1 | 75.4% | 100% |



Dimensions

T-SLED4 / SLED8

