

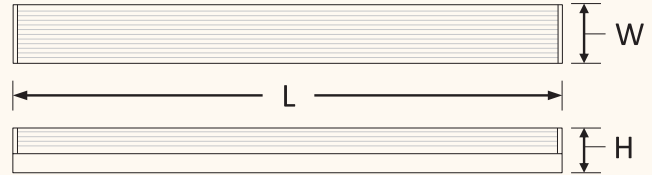
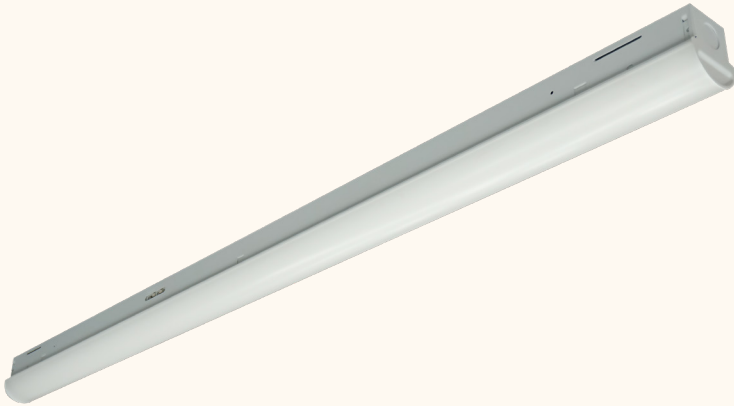


# CT-SLS-LKFS

## STRIP LIGHT SLIM

### LUMEN & KELVIN SELECTABLE

| PROJECT | TYPE | CATALOG# |
|---------|------|----------|
|         |      |          |



| Model               | Size (inches) & Weight (lbs) |        |        |        |
|---------------------|------------------------------|--------|--------|--------|
|                     | L (in)                       | W (in) | H (in) | Weight |
| CT-SLS-4FT-5L-LKFS  | 47.3                         | 2.4    | 2.8    | 3.7    |
| CT-SLS-8FT-10L-LKFS | 94.2                         | 2.4    | 2.8    | 7.5    |

## OPTICAL

- PMMA lens.
- Field selectable 3500k (warm/neutral white), 4000k (neutral 5000k (cool white) color temperatures\*.
- SLS-4FT-5L-LKFS provides a range of 3,500 to 5,000 nominal lumens\*.
- SLS-8FT-10L-LKFS provides a range of 7,000 to 10,000 nominal lumens\*.
- Long-life LEDs provide 196,000 hours of operation with at least 70% of initial lumen output (L70), and 60,000 hours with at least 90% of initial lumen output (L90)\*\*.
- LED chromaticity based on ≤ 4-step ANSI quadrangles.
- LED color maintenance ≤ 0.002 chromaticity shift ( $\Delta u'v'$ ) over the initial 6,000 hours of operation.
- Color rendering index > 80%.



## ELECTRICAL

operating temperature (ambient): -20°C to 50°C (-4°F to 122°F).  
 universal 120-277V AC voltage (50-60Hz) is standard.  
 -10VDC dimming drivers are standard.

- Emergency driver option available.
- Occupancy sensor option available.
- Input transient surge protection = 1 kV.
- Power factor > 0.90 ; Total harmonic distortion < 20%.

## CODE COMPLIANCE

- cULus listed for damp locations and insulated ceilings.
- DLC listed, for low bay and direct linear ambient application.
- Complies with FCC part 15, class A.

## HOUSING

- Premium powder-coat, steel, white housing.

## WARRANTY

- 5 year warranty on all electronics and housing.

\* Contact factory for other color temperature and lumen packages.  
 \*\*L70 & L90 hours are IES TM-21-11 calculated hours.

## ORDERING INFORMATION

Example: CT-SLS-4FT-5L-LKFS-OS-EM10

| SERIES | LENGTH | NOMINAL LUMEN OUTPUT (SELECTABLE) | KELVIN SELECTABLE | OCCUPANCY SENSOR*                        | EXTERNALLY INSTALLED EMERGENCY DRIVERS |
|--------|--------|-----------------------------------|-------------------|--|--|
| CT-SLS | 4FT    | 5L 5,000 nominal lumen            | LKFS              | OS Passive infrared (mounted externally) | EM10 10W emergency driver              |
|        | 8FT    | 10L 10,000 nominal lumen          |                   | ODS Microwave (mounted internally)       | EM13 13W emergency driver              |
|        |        |                                   |                   | Blank No occupancy sensor                | Blank No emergency driver              |

\*Contact factory for other sensors;

OS = passive infrared technology - features include on/off only. ODS = microwave technology - features include on/off, step-dimming, and daylight threshold. Default sensor settings: detection area = 100%, hold time = 5 seconds, stand-by period = 0 seconds, stand-by dimming level = 10%, daylight threshold = disabled. Remote control optional but not required, part number = HD03R.



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### ACCESSORIES (ORDER SEPARATELY)

#### Remote Mount Emergency Driver

- BLEM-CP-10C = 10W emergency driver - EM10
- BLEM-CP-13C = 13W emergency driver - EM13

#### Wire Guard

- SL-4FT-WG = Wire guard kit -4FT

### ELECTRICAL DATA

| SERIES             | MEASUREMENTS      | LOW LUMENS  |             |             | MID LUMENS  |             |             | HIGH LUMENS |             |             |
|--------------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                    |                   | 3500K       | 4000K       | 5000K       | 3500K       | 4000K       | 5000K       | 3500K       | 4000K       | 5000K       |
| CT-SLS-4FT-5L-LKFS | Lumens            | 3555        | 3622        | 3590        | 4206        | 4305        | 4258        | 4719        | 5025        | 4804        |
|                    | Watt              | 25          | 25          | 25          | 30          | 30          | 30          | 34          | 33          | 35          |
|                    | Efficacy          | 142         | 143         | 144         | 140         | 143         | 142         | 137         | 151         | 139         |
|                    | Input Current (A) | 120V = 0.21 | 120V = 0.21 | 120V = 0.21 | 120V = 0.25 | 120V = 0.25 | 120V = 0.25 | 120V = 0.28 | 120V = 0.28 | 120V = 0.29 |
| 240V = 0.10        |                   | 240V = 0.10 | 240V = 0.10 | 240V = 0.13 | 240V = 0.13 | 240V = 0.13 | 240V = 0.14 | 240V = 0.14 | 240V = 0.15 |             |
| 277V = 0.09        |                   | 277V = 0.09 | 277V = 0.09 | 277V = 0.11 | 277V = 0.11 | 277V = 0.11 | 277V = 0.12 | 277V = 0.12 | 277V = 0.13 |             |

| SERIES              | MEASUREMENTS      | LOW LUMENS  |             |             | MID LUMENS  |             |             | HIGH LUMENS |             |             |
|---------------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                     |                   | 3500K       | 4000K       | 5000K       | 3500K       | 4000K       | 5000K       | 3500K       | 4000K       | 5000K       |
| CT-SLS-8FT-10L-LKFS | Lumens            | 7157        | 7567        | 7207        | 8381        | 8862        | 8440        | 9417        | 9976        | 9483        |
|                     | Watt              | 50          | 48          | 50          | 60          | 58          | 62          | 69          | 67          | 69          |
|                     | Efficacy          | 143         | 156         | 144         | 139         | 152         | 137         | 136         | 149         | 137         |
|                     | Input Current (A) | 120V = 0.42 | 120V = 0.40 | 120V = 0.42 | 120V = 0.50 | 120V = 0.48 | 120V = 0.52 | 120V = 0.58 | 120V = 0.56 | 120V = 0.58 |
| 240V = 0.21         |                   | 240V = 0.20 | 240V = 0.21 | 240V = 0.25 | 240V = 0.24 | 240V = 0.26 | 240V = 0.29 | 240V = 0.28 | 240V = 0.29 |             |
| 277V = 0.18         |                   | 277V = 0.17 | 277V = 0.18 | 277V = 0.22 | 277V = 0.21 | 277V = 0.22 | 277V = 0.25 | 277V = 0.24 | 277V = 0.25 |             |



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## PHOTOMETRICS

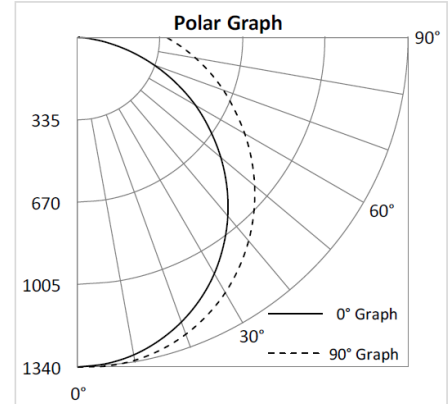
### CT-SLS-4FT-5L-LKFS

#### Luminaire Data

|   |                                      |
|---|--------------------------------------|
| Description   | 4' Strip Light Slim<br>5L- 5K - LKFS |
| Total Lumens  | 4,804                                |
| Input Wattage   | 34                                   |
| Efficacy (lm/W)   | 140                                  |
| Spacing Criterion (0-180°)                              | 1.24                                 |
| Spacing Criterion (90-270°)                             | 1.34                                 |
| Photometric calculated at<br>5000k- high lumens setting |                                      |

#### Zonal Lumen Summary

| Zone    | Lumens | %Fixt  |
|---------|--------|--------|
| 0-20°   | 492    | 10.2%  |
| 0-30°   | 1,049  | 21.8%  |
| 0-40°   | 1,725  | 35.9%  |
| 20-50°  | 1,948  | 40.5%  |
| 40-70°  | 1,949  | 40.6%  |
| 0-60°   | 3,111  | 64.8%  |
| 0-80°   | 4,095  | 85.2%  |
| 0-90°   | 4,372  | 91.0%  |
| 90-180° | 432    | 9.0%   |
| 0-180°  | 4,804  | 100.0% |



## COMPATIBLE EMERGENCY DRIVERS

| Emergency Driver Part Number | EM10  |           | EM13  |           |
|------------------------------|-------|-----------|-------|-----------|
|                              | WATTS | EM LUMENS | WATTS | EM LUMENS |
| CT-SLS-4FT-5L-LKFS           | 10.7  | 1391      | 13.7  | 1781      |
| CT-SLS-8FT-10L-LKFS          | 10.7  | 1391      | 13.7  | 1781      |

Note: Suitable for ambient temperature above 10°C(50°F).

## COMPATIBLE DIMMERS AND CONTROLS

| MANUFACTURER  | MODEL NUMBER | DIMMER RANGE | LOAD SWITCHING CAPACITY |
|---------------|--------------|--------------|-------------------------|
| Best Lighting | DWS-010V-T   | 10%-100%     | 600W                    |
| Best Lighting | DWS-010V-D   | 10%-100%     | 600W                    |
| Leviton       | IP710-LFZ    | 10%-100%     | 1200W                   |
| Lutron        | DVSTV        | 10%-100%     | 450W                    |