

| PROJECT |
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| |
| TYPE |
| |
| CATALOG # |
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10-SLS-LKFS

LUMEN AND KELVIN FIELD SELECTABLE STRIP LIGHT SLIM

HOUSING

- Steel housing and PMMA lens.

ELECTRICAL

- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming drivers are standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Optional emergency drivers and occupancy sensors are available.

OPTICAL SYSTEM

- Field selectable 3500k (warm/neutral white), 4000k (neutral white), and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 196,000 hours of operation with at least 70% of initial lumen output (L_{70}), and 60,000 hours with at least 90% of initial lumen output (L_{90}).**
- 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.
- 10-SLS-4FT-5L-LKFS provides a range of 3,500 to 5,000 nominal lumens.*
- 10-SLS-8FT-10L-LKFS provides a range of 7,000 to 10,000 nominal lumens.*
- Color rendering index > 80.

MOUNTING

- Easy installation in new construction or retrofit.

CODE COMPLIANCE

- cULus approved for damp locations in ambient temperatures from -20°C to 50°C (-4°F to 122°F).
- Complies with FCC Part 15, Class A.
- Complies with IEEE C.62.41-1991, Class A input transient surge protection (1.0kV)

WARRANTY

- 5-Year Warranty of all electronics and housing

* L_{70} hours are IES TM-21-11 calculated hours.



DIMENSIONS



| | 4FT | 8FT |
|--------------|-------|-------|
| L | 47.3" | 94.2" |
| W | 2.4" | 2.4" |
| H | 2.8" | 2.8" |
| Weight (lbs) | 3.7 | 7.5 |

PRODUCT PARAMETER

| MODEL | LENGTH | NOMINAL LUMEN OUTPUT | SELECT | OCCUPANCY SENSOR ^{1,2} | INTERNALLY INSTALLED EMERGENCY DRIVERS ³ |
|--------|--------|----------------------|--------|---------------------------------|---|
| 10-SLS | 4FT | 5L = 5,000 | LKFS | OS = PASSIVE INFRARED | EM10 = 1,390 LUMENS |
| | 8FT | 10L = 10,000 | | BLANK = NO OCCUPANCY SENSOR | EM13 = 1,780 LUMENS |
| | | | | | BLANK = NO EMERGENCY DRIVER |

¹ Contact factory for other sensors.

² OS = passive infrared technology – features include on/off only.

³ See emergency driver compatibility list (page 2).



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COMPATIBLE EMERGENCY DRIVERS*

| Emergency Driver Part Number | EM10 | | EM13 | | Runtime |
|------------------------------|-------|-----------|-------|-----------|----------|
| | Watts | EM Lumens | Watts | EM Lumens | |
| SLS-4FT-5L-LKFS | 10.7 | 1391 | 13.7 | 1781 | 90 MINS. |
| SLS-8FT-10L-LKFS | 10.7 | 1391 | 13.7 | 1781 | |

* Suitable for ambient temperatures above 10°C (50°F).

COMPATIBLE EMERGENCY DRIVERS INTERNALLY INSTALLED ^{1 2}

| Model | Emergency Options |
|------------------|-------------------|
| SLS-4FT-5L-LKFS | EM10 |
| SLS-8FT-10L-LKFS | EM13 |

¹ Suitable for ambient temperatures above 10°C (50°F).

² For list of remote mountable emergency drivers, see *ACCESSORIES*.

ACCESSORIES (SOLD SEPARATELY)

Remote Mount Emergency Drivers*

BLEM-CP-10C = Emergency driver - EM10
BLEM-CP-13C = Emergency driver - EM13

* Suitable for ambient temperatures above 10°C (50°F).

COMPATIBLE DIMMERS & CONTROLS

| Manufacturer | Model Number | Dimming 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 |
| Vealite* | PPA401S | 10%-100% | 1200W |
| Keilton | PPA102S | 10%-100% | 360W |

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LUMEN AND KELVIN FIELD SELECTABLE STRIP LIGHT SLIM

ELECTRICAL DATA

| Series | Measurements | Low Lumens | | | Mid Lumens | | | High Lumens | | |
|--------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K |
| SLS-4FT-LKFS | Lumens | 3555 | 3622 | 3590 | 4206 | 4305 | 4258 | 4719 | 5025 | 4804 |
| | Watts | 25 | 25 | 25 | 30 | 30 | 30 | 34 | 33 | 35 |
| | Efficacy | 142 | 143 | 144 | 140 | 143 | 142 | 137 | 151 | 139 |
| | Input Current (A) | 120V = 0.21A | 120V = 0.21A | 120V = 0.21A | 120V = 0.25A | 120V = 0.25A | 120V = 0.25A | 120V = 0.28A | 120V = 0.28A | 120V = 0.29A |
| 240V = 0.10A | | 240V = 0.10A | 240V = 0.10A | 240V = 0.13A | 240V = 0.13A | 240V = 0.13A | 240V = 0.14A | 240V = 0.14A | 240V = 0.15A | |
| 277V = 0.09A | | 277V = 0.09A | 277V = 0.09A | 277V = 0.11A | 277V = 0.11A | 277V = 0.11A | 277V = 0.12A | 277V = 0.12A | 277V = 0.13A | |

| Series | Measurements | Low Lumens | | | Mid Lumens | | | High Lumens | | |
|--------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K |
| SLS-8FT-LKFS | Lumens | 7157 | 7567 | 7207 | 8381 | 8862 | 8440 | 9417 | 9976 | 9483 |
| | Watts | 50 | 48 | 50 | 60 | 58 | 62 | 69 | 67 | 69 |
| | Efficacy | 143 | 156 | 144 | 139 | 152 | 137 | 136 | 149 | 137 |
| | Input Current (A) | 120V = 0.42A | 120V = 0.40A | 120V = 0.42A | 120V = 0.50A | 120V = 0.48A | 120V = 0.52A | 120V = 0.58A | 120V = 0.56A | 120V = 0.58A |
| 240V = 0.21A | | 240V = 0.20A | 240V = 0.21A | 240V = 0.25A | 240V = 0.24A | 240V = 0.26A | 240V = 0.29A | 240V = 0.28A | 240V = 0.29A | |
| 277V = 0.18A | | 277V = 0.17A | 277V = 0.18A | 277V = 0.22A | 277V = 0.21A | 277V = 0.22A | 277V = 0.25A | 277V = 0.24A | 277V = 0.25A | |

PHOTOMETRIC DATA

SLS-4FT-LKFS

Luminaire Data

| | |
|-----------------------------|--------------------------------------|
| Description | 4' Strip Light Slim 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 |

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% |

