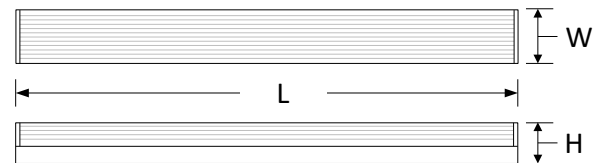




| PROJECT | TYPE | CATALOG # |
|---------|------|-----------|
| | | |



DIMENSIONS



| | 05-SLS-4FT-LKFS | 05-SLS-8FT-LKFS |
|--------------|-----------------|-----------------|
| L | 47.3" | 94.2" |
| W | 2.4" | 2.4" |
| H | 2.8" | 2.8" |
| Weight (lbs) | 3.7 | 7.5 |

Sample Part: 05-SLS-10L-LKFS-EM10

| SERIES | LENGTH | NOMINAL LUMEN OUTPUT (SELECTABLE) | SELECT | OCCUPANCY SENSOR | OCCUPANCY SENSOR |
|--------|--------|-----------------------------------|--------|-----------------------------|--|
| 05-SLS | 4FT | 5L = 5,000 nominal lumens | LKFS | OS = Passive infrared | EM10 = 1,390 lumens EM13 = 1,780 lumens |
| | 8FT | 10L = 10,000 nominal lumens | | Blank = No occupancy sensor | Blank = No emergency driver |

Specifications

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.

Mounting

- Easy installation in new construction or retrofit.

Warranty

- 5-year warranty of all electronics and housing.

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).

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 (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.
- 05-SLS-4FT-5L-LKFS provides a range of 3,500 to 5,000 nominal lumens.
- 05-SLS-8FT-10L-LKFS provides a range of 7,000 to 10,000 nominal lumens.
- Color rendering index > 80.

**L₇₀ hours are IES TM 21 11 calculated hours.



Compatible Emergency Drivers

| Emergency Driver Part Number | EM10 | | EM13 | | Runtime |
|------------------------------|-------|-----------|-------|-----------|----------|
| | Watts | EM Lumens | Watts | EM Lumens | |
| 05-SLS-4FT-5L-LKFS | 10.7 | 1391 | 13.7 | 1781 | 90 MINS. |
| 05-SLS-8FT-10L-LKFS | 10.7 | 1391 | 13.7 | 1781 | |

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

Compatible Emergency Drivers Internally Installed

| Model | Emergency Options |
|---------------------|-------------------|
| 05-SLS-4FT-5L-LKFS | EM10 |
| 05-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*

- 03-BLEM-C P-10C = Emergency driver - EM10
- 03-BLEM-C P-13C = Emergency driver - EM13

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 |

Electrical Data

| Series | Measurements | Low Lumens | | | Mid Lumens | | | High Lumens | | |
|-----------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K |
| 05-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 |
| 05-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

05-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% |

