

SLS-LKFS

Lumen and Kelvin Field Selectable Strip Light Slim

Project:	
Type:	
Catalog #:	



STANDARD



FEATURES

- 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.
- 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.*
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming drivers are standard.
- Power factor > 0.90 .
- Total harmonic distortion $< 20\%$.
- Color rendering index > 80 .
- Steel housing and PMMA lens.
- Optional emergency drivers and occupancy sensors are available.
- Easy installation in new construction or retrofit.

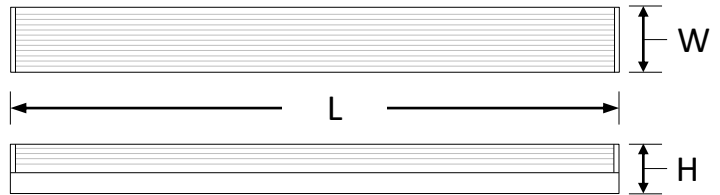
* Contact factory for other color temperatures and lumen packages.

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

WARRANTY & LISTINGS

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

DIMENSIONS



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

ORDERING INFORMATION

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

Series	Length	Nominal Lumen Output		Select	Occupancy Sensor ^{1,2}		Internally Installed Emergency Drivers ³	
		5L	10L		OS	Passive infrared	EM10	1,390 lumens
SLS	4FT	5L	5,000 nominal lumens	LKFS	OS	Passive infrared	EM10	1,390 lumens
		Blank	No occupancy sensor		EM13	1,780 lumens		
	8FT	10L	10,000 nominal 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 (Order 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

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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	

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%

