

PROJECT
TYPE
CATALOG #

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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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%

