

# LLSL

## Lumen and Kelvin Field Selectable Strip Light

**Construction:** Painted steel housing and PMMA (polymethyl methacrylate) Lens

### Light Source:

- Field selectable 35K, 40K, and 50K color temperatures.\*
- Long-life LEDs provide 190,000 hours of operation with at least 70% of initial lumen output (L<sub>70</sub>),\*\* and 60,000 hours with at least 90% of initial lumen output (L<sub>90</sub>).
- Optional emergency drivers and occupancy sensors are available.
- LLSL-4-3WS-MCT-UNV: provides a range of 3,700 to 5,200 nominal lumens and 138 to 152 lumens per watt (LPW).\*
- LLSL-8-3WS-MCT-UNV: provides a range of 7,100 to 10,100 nominal lumens and 132 to 149 lumens per watt (LPW).\*
- 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.

\* Contact factory for other color temperatures and lumen packages.

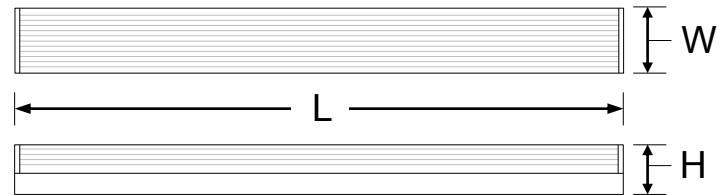
\*\* L<sub>70</sub> hours are IES TM-21-11 calculated hours.

### Warranty & and Listings:

- cULus approved for damp locations
- 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



	LLSL-4	LLSL-8
L	47.3"	94.2"
W	3.3"	3.3"
H	3.5"	3.5"
Weight (lbs)	4.5	9

## Ordering Information

Part#	Occupancy Sensor & Dimming <sup>1,2</sup>	Optional Emergency Driver	Accessories (Order Separately)
LLSL-4-3WS-MCT-UNV LLSL-8-3WS-MCT-UNV	(Blank) No Sensor OS Passive Infrared ODS Occupancy Dimming Sensor	(Blank) No Emergency Driver EM5 600 (5W) Lumens <sup>3</sup> EM10 1,390 (10.7W) Lumens <sup>3</sup> EM13 1,780 (13.7) Lumens <sup>3</sup>	HD03R Sensor remote control LLSL-4FT-WG 4' Wire-guard Kit

<sup>1</sup>Contact factory for other sensors.

<sup>2</sup>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.

<sup>3</sup>Suitable for ambient temperatures above 10°C(50°F).

**ELECTRICAL DATA**

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
LLSL-4-3WS MCT-UNV	Lumens	3690	3631	3722	4336	4317	4389	4876	5203	4908
	Watts	26	25	26	31	30	31	35	34	35
	Efficacy	143	143	144	140	143	142	138	152	139
	Input Current (A)	120V = 0.22A	120V = 0.21A	120V = 0.22A	120V = 0.26A	120V = 0.25A	120V = 0.26A	120V = 0.29A	120V = 0.28A	120V = 0.29A
240V = 0.11A		240V = 0.10A	240V = 0.11A	240V = 0.13A	240V = 0.13A	240V = 0.13A	240V = 0.15A	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 = 0.13A	277V = 0.12A	277V = 0.13A	

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
LLSL-8-3WS MCT-UNV	Lumens	7251	7135	7314	8520	8483	8624	9553	10,124	9619
	Watts	55	55	55	60	60	60	70	68	70
	Efficacy	132	130	133	142	141	144	136	149	137
	Input Current (A)	120V = 0.46A	120V = 0.46A	120V = 0.46A	120V = 0.50A	120V = 0.50A	120V = 0.50A	120V = 0.58A	120V = 0.57A	120V = 0.58A
240V = 0.23A		240V = 0.23A	240V = 0.23A	240V = 0.25A	240V = 0.25A	240V = 0.25A	240V = 0.29A	240V = 0.28A	240V = 0.29A	
277V = 0.20A		277V = 0.20A	277V = 0.20A	277V = 0.22A	277V = 0.22A	277V = 0.22A	277V = 0.25A	277V = 0.25A	277V = 0.25A	

**PHOTOMETRIC DATA**
**LLSL-4-3WS-MCT-UNV**
**Luminaire Data**

Description	4' Strip Light
Total Lumens	4,908
Input Wattage	35
Efficacy (lm/W)	139
Spacing Criterion (0-180°)	1.24
Spacing Criterion (90-270°)	1.36

**Zonal Lumen Summary**

Zone	Lumens	%Fixt
0-20°	470	9.6%
0-30°	1,002	20.4%
0-40°	1,653	33.7%
20-50°	1,877	38.2%
40-70°	1,927	39.3%
0-60°	3,009	61.3%
0-80°	4,024	82.0%
0-90°	4,338	88.4%
90-180°	570	11.6%
0-180°	4,908	100.0%

