

LED Covered Strips

2', 3', 4' & 8' Options



Description

The LCS series is a group of 2', 3', 4', and 8' covered strip lights, which are designed as direct replacements for fluorescent strips. The LCS series is designed to deliver general ambient lighting in a variety of indoor settings, including schools, offices, hospitals and stores, and is the perfect choice for both new construction and retrofits. This high-efficacy luminaire provides long-life and uniform illumination, as well as standard 0-10vdc dimming capability.

Features

- Available in 3500k (warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 122,000 hours of operation with at least 70% of initial lumen output (L70).**
- Uniform illumination with no visible LED pixelation.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming capability is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Steel housing and acrylic lens.
- Easy installation in new construction or retrofit.

* Contact factory for other color temperatures and lumen packages.
 ** L70 hours are IES TM-21-11 calculated hours.

Sample Ordering Information

LCS-2FT2035-MV

2 Feet Long
 20 Watts
 3,500K Color
 Multi-Volt

Project:	
Catalog#:	
Approved by:	

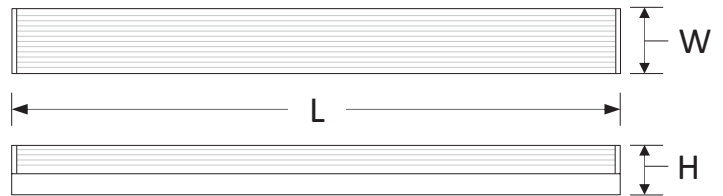
Applications

- | | |
|-----------|---------|
| Schools | Offices |
| Hospitals | Stores |

Warranty and Listings

- cULus approved for damp locations (-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 (2.5kV).
- Complies with IEC 61000-4-2 level 2 (4kV) electrostatic discharge (ESD).
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- 5-year warranty of all electronics and housing.

Dimensions



	LCS 2-Foot	LCS 3-Foot	LCS 4-Foot	LCS 8-Foot
Length – L (in.)	26"	37"	48"	96"
Width – W (in.)	3 3/8"	3 3/8"	3 3/8"	3 3/8"
Height – H (in.)	3 1/2 "	3 1/2 "	3 1/2 "	3 1/2 "
Weight (lbs.)	1.9	2.5	2.9	5.1

Ordering Information

Model	Length	Wattage	Color	Input Voltage
LCS-	2FT: 2-Foot	20: (20 Watts)	35: 3500K	-MV: 120 – 277 VAC
	3FT: 3-Foot	25: (25 Watts)		
	4FT: 4-Foot	32: (32 Watts)	40: 4000K	
	8FT: 8-Foot	65: (65 Watts)	50: 5000K	

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Electrical

Model #	Color Temp.	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
LCS-2FT2035-MV	3500K	> 80	2,348	20	117	120-277	0.17	0.08	0.07	> 90%	< 20%	122,000
LCS-2FT2040-MV	4000K	> 80	2,600	20	130	120-277	0.17	0.08	0.07	> 90%	< 20%	122,000
LCS-2FT2050-MV	5000K	> 80	2,432	20	122	120-277	0.17	0.08	0.07	> 90%	< 20%	122,000
LCS-3FT2535-MV	3500K	> 80	3,129	25	125	120-277	0.21	0.10	0.09	> 90%	< 20%	122,000
LCS-3FT2540-MV	4000K	> 80	3,250	25	130	120-277	0.21	0.10	0.09	> 90%	< 20%	122,000
LCS-3FT2550-MV	5000K	> 80	3,334	25	133	120-277	0.21	0.10	0.09	> 90%	< 20%	122,000
LCS-4FT3235-MV	3500K	> 80	3,811	32	119	120-277	0.27	0.13	0.12	> 90%	< 20%	122,000
LCS-4FT3240-MV	4000K	> 80	4,224	32	132	120-277	0.27	0.13	0.12	> 90%	< 20%	122,000
LCS-4FT3250-MV	5000K	> 80	4,256	32	133	120-277	0.27	0.13	0.12	> 90%	< 20%	122,000
LCS-8FT6535-MV	3500K	> 80	8,450	65	130	120-277	0.54	0.23	0.23	> 90%	< 20%	122,000
LCS-8FT6540-MV	4000K	> 80	8,580	65	132	120-277	0.54	0.23	0.23	> 90%	< 20%	122,000
LCS-8FT6550-MV	5000K	> 80	8,645	65	133	120-277	0.54	0.23	0.23	> 90%	< 20%	122,000

¹Color Rendering Index.

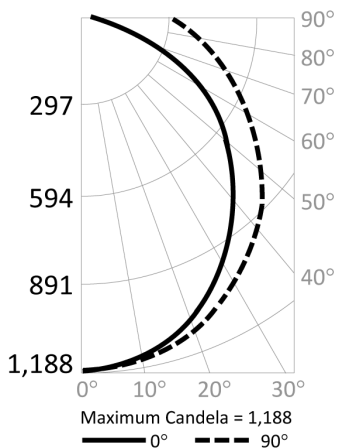
²All 50-60Hz.

³Total Harmonic Distortion.

⁴L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours

Photometric Data

Model: **LCS-4FT3250-MV (4,256 lumens)**



Candlepower Summary		
	0°	90°
0°	1,188	1,188
10°	1,154	1,169
20°	1,064	1,112
30°	926	1,027
40°	758	921
50°	574	794
60°	391	667
70°	216	540
80°	70	427
90°	5	328

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0° – 10°	127	3.0%
0° – 20°	490	11.5%
0° – 30°	1,035	24.3%
0° – 40°	1,689	39.7%
0° – 50°	2,370	55.7%
0° – 60°	3,004	70.6%
0° – 70°	3,541	83.2%
0° – 80°	3,957	93.0%
0° – 90°	4,256	100.0%
90° – 180°	0	0%
0° – 180°	4,256	100.0%

Cone of Light

