

Specification Sheet

LCS

2', 3', 4' & 8' Option	otrips
	S C UL US DE LISTED PREMIUM

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 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.

Sample Ordering Information

LCS2FT-2050MV

2 Feet Long 20 Watts 5,000K Color Multi-Volt

Project:	
Catalog#:	
Approved by:	

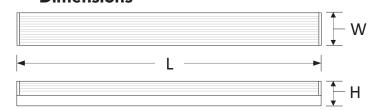
Applications

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 ²	Input Voltage			
	2FT: 2-Foot	-20: (20 Watts)					
1.66	3FT ¹: 3-Foot	-25: (25 Watts)	FO . FOOOK	BAN 120 277 \/AC			
LCS	4FT: 4-Foot	-32: (32 Watts)	50: 5000K	MV: 120 – 277 VAC			
	8FT: 8-Foot	-65: (65 Watts)					

¹ Non-stock option. Call factory for lead times. ² Contact factory for other color options.

^{*} L70 hours are IES TM-21-11 calculated hours.



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LED Covered Strips 2', 3', 4' & 8' Options

Project:	
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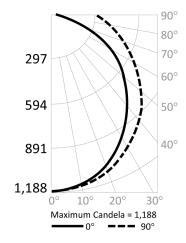
Electrical

Model #	Color	CRI ¹	Luminaire	Luminaire	Lumens Input		Lumens Input	Lumens Input	Lumens I	Lumens	Lumens	Lumens	Input	Input Current (A)			Power	THD ³	L ₇₀
Wodel #	Temp.	Citi	Lumens	Watts	Per Watt	Voltage ²	120V	240V	277V	Factor		Hours ⁴							
LCS2FT-2050MV	5000K	> 80	2,432	20	122	120-277	0.17	0.08	0.07	> 90%	< 20%	122,000							
LCS3FT-2550MV	5000K	> 80	3,334	25	133	120-277	0.21	0.10	0.09	> 90%	< 20%	122,000							
LCS4FT-3250MV	5000K	> 80	4,256	32	133	120-277	0.27	0.13	0.12	> 90%	< 20%	122,000							
LCS8FT-6550MV	5000K	> 80	8,645	65	133	120-277	0.54	0.23	0.23	> 90%	< 20%	122,000							

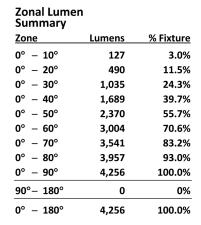
¹Color Rendering Index.

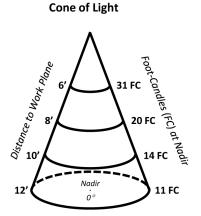
Photometric Data

Model: LCS4FT-3250MV (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				





Rev: 11/7/2018

²All 50-60Hz.

³Total Harmonic Distortion.

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