

Specification Sheet

LCS

| 2', 4' & 8' Options | Strips |
|---------------------|------------------------------|
| | 5 (h) |
| | VEAR WARRANTY LISTED PREMIUM |

Description

The LCS series is a group of 2′, 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)
- 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 5000K Color Multi-Volt

| Project: | |
|--------------|--|
| Catalog#: | |
| Approved by: | |

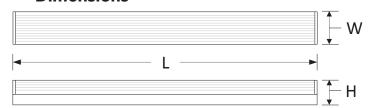
Applications

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

| Ordering Information | | | | | | |
|----------------------|---------------------|-----------------------|------------------|-------------------|--|--|
| Model | Length | Wattage | Color* | Input Voltage | | |
| | 2FT-: 2-Foot | 20: (20 Watts) | | | | |
| LCS | 4FT-: 4-Foot | 32: (32 Watts) | 50: 5000K | MV: 120 – 277 VAC | | |
| | 8FT-: 8-Foot | 65: (65 Watts) | | | | |

^{*} Contact factory for additional color options.

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



Specification Sheet

LCS

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

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|--------------|--|
| Catalog#: | |
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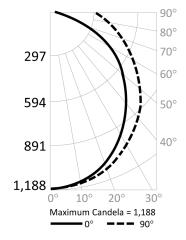
Electrical

| Model # | Color | CRI ¹ | Luminaire | ıminaire Luminaire Lumens Input Input Cu | | it Current (A) | | Power THD ³ | | L ₇₀ | | |
|---------------|-------|------------------|-----------|--|----------|----------------------|------|------------------------|------|-----------------|-------|--------------------|
| Wodel # | Temp. | Citi | Lumens | Watts | Per Watt | Voltage ² | 120V | 240V | 277V | Factor | שווו | Hours ⁴ |
| LCS2FT-2050MV | 5000K | > 80 | 2,432 | 20 | 122 | 120-277 | 0.17 | 0.08 | 0.07 | > 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 |

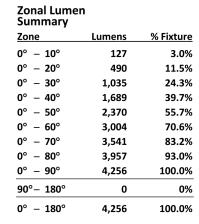
¹Color Rendering Index.

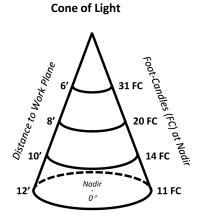
Photometric Data

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 | | | |
| | | | | | |





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