

Catalog Number
Project
Type

MSCDR LED Covered Strip Luminaire



ENERGY AND PERFORMANCE DATA

Input Voltage	120/277VAC
System Input Power	19, 25, 30, and 65 Watts*
Delivered Lumen Output	2,432 - 8,645 Lumens**
Standard Dimming Control	0-10V
CCT	4000 or 5000 Kelvin
CRI	82 (minimum)
Life Time Rating	100,000 hrs @ L70
Input Frequency	50/60 Hz
Power Factor	>0.90
Operating Temp	-30° to 50° C

*Actual wattage may differ by ±5% while operating 120/277V ±10%
 **Additional Lower and Higher Lumen Outputs Available, Please Contact Factory

PRODUCT SPECIFICATIONS

DESCRIPTION

The MSCDR LED Covered Strip Luminaire is designed to deliver general, ambient lighting in a variety of settings. The MSCDR has a high-efficacy, which provides long life and uniform illumination. The versatility of our MSCDR ensures it is the perfect choice for both new construction and retrofit applications.

APPLICATIONS

The MSCDR Covered Strip Luminaires are designed to be high quality, energy efficient LED fixtures for use in schools, office spaces, hospitals, commercial and retail spaces.

CONSTRUCTION

The fixture is constructed of a heavy steel housing. Available in 2',3',4', and 8' lengths.

OPTICAL SYSTEM

Uniform illumination with no visible LED pixelation.

ELECTRICAL SYSTEM

120-277V electronic program start ballasts. 50-60 Hz operation. Standard 0-10vdc dimming capability.

MOUNTING

Multiple mounting options available. Please contact factory.

LISTINGS

ETL approved for damp locations and to relevant UL standards (-30 degrees Celsius to 50 degrees Celsius / -22 degrees Fahrenheit to 122 degrees Fahrenheit). DLC approved. 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).

WARRANTY

5-Year Limited Warranty on electronics and housing. Complete warranty and terms located at www.aelnow.com/warranty.



ORDERING INFORMATION

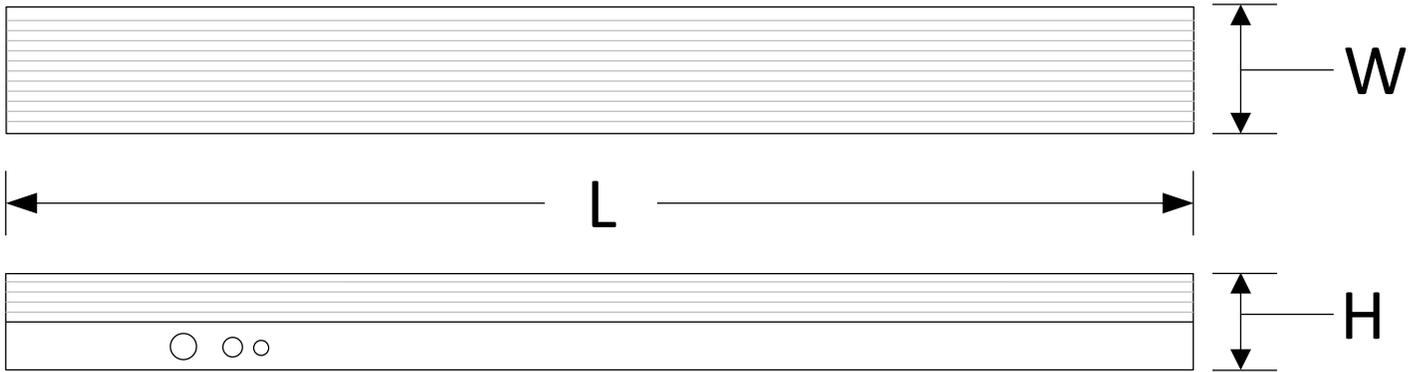
Example: MSCDR40M4

SERIES	COLOR TEMP	VOLTAGE	ROW LENGTH (IN FT)	OPTIONS
MSCDR	30 3000K	M Multi-Volt (120-277VAC)	2 2 Ft (19 Watts, 2,432 Lumens)	12EBL 1200 Lumen Emergency Ballast JC10 10' Jack Chain Set ETH End Mount Tong Hangers STH Side Mount Tong Hangers AC10 10' Aircraft Cable Set AC15 15' Aircraft Cable Set AC20 20' Aircraft Cable Set SBWG4 Wire Guard (4') OC4EX Occupancy Sensor
	35 3500K		3 3 Ft (25 Watts, 3,334 Lumens)	
	40 4000K		4 4 Ft (30 Watts, 4,256 Lumens)	
	50 5000K		8 8 Ft (65 Watts, 8,645 Lumens)	

Additional Lower and Higher Lumen Outputs Available. For Specific Lumen Output, please place Specific Lumens Desired at the end of fixture nomenclature.



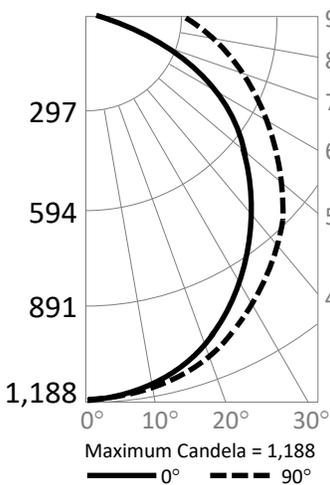
FIXTURE DIMENSIONS



	MSCDR (2')	MSCDR (3')	MSCDR (4')	MSCDR (8')
Length – L	24"	36"	48"	96"
Width – W	3 5/8"	3 5/8"	4 5/8"	5 5/8"
Height – H	3 3/4"	3 3/4"	3 3/4"	3 3/4"

PHOTOMETRIC DATA

Model: **LSCDR50M4 (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

