

i-LUMINOSITY
LED LIGHTING FIXTURES

Date: _____
Project: _____
Price: _____

Maine Slim Strip Linear Light

Applications

The Maine Slim Strip series is a group of 2', 3', 4' and 8' slim strip lights, which are designed as direct replacements for fluorescent strips. The Main Slim Strip 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:

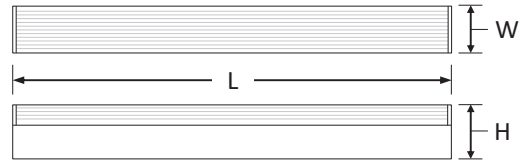
- Available in 3500k (warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 122,000 hours of operation with at least 70% of initial lumen output (L_{70}).**
- Maine Slim Strip 2FT provides 2,582 luminaire lumens (129 lumens per watt, LPW) at 3500k; 2,592 luminaire lumens (130 LPW) at 4000k; and 2,613 luminaire lumens (131 LPW) at 5000k*
- Maine Slim Strip 3FT provides 3,138 luminaire lumens (126 LPW) at 3500k; 3,154 luminaire lumens (126 LPW) at 4000k; and 3,186 luminaire lumens (127 LPW) at 5000k*
- Maine Slim Strip 4FT provides 4,278 luminaire lumens (130 LPW) at 3500k; 4,313 luminaire lumens (131LPW) at 4000k; and 4,382 luminaire lumens (133 LPW) at 5000k*
- Maine Slim Strip 8FT provides 8,129 luminaire lumens (131 LPW) at 3500k; 8,131 luminaire lumens (131 LPW) at 4000k; and 8,135 luminaire lumens (131 LPW) at 5000k*
- 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

** L_{70} hours are IES TM-21011 calculated hours.



DIMENSIONS



	BLCSLEDSS2FT	BLCSLEDSS3FT	BLCSLEDSS4FT	BLCSLEDSS8FT
Length- L	22 1/4"	35"	47 3/4"	94 1/4"
Width - W	2 3/8"	2 3/8"	2 3/8"	2 3/8"
Height - H	2 3/4"	2 3/4"	2 3/4"	2 3/4"
Weight (lbs.)	2.4	3.1	3.7	7.5

WARRANTY & LISTINGS

- cETLus listed for damp locations in ambient temperatures from 20°C to 50°C (-4°F to 122°F)
 - Flicker-free per IEEE1789-2015 (low risk of adverse effects of flicker at 100% light output level)
 - Complies with FCC Part 15, Class B (except for 10-BLCSLEDSS8FT, which has Class A compliance)
 - Complies with IEEE C.62.41-1991, Class A input transient surge protection (2.5kV)
 - Complies with RoHS (Restriction on Hazardous Substances) requirements
- 7-Year Warranty of all electronics and housing



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Ordering Key

ILSTMACL

SERIES NUMBER	SIZES/WATTAGE	CCT	ADDITIONAL OPTIONS
ILSTMACL	220W-2FT/-20W	35K-3500K	EM - Emergency Backup
	325W-3FT/25W	4K-4000K	MS - Motion Sensor
	435W-4FT/35W	5K-5000K	
	865W-8FT/65W		

SAMPLE ITEM NUMBER: ILSTMACL435W4K

ELECTRIC DATA

ITEM NO.	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			
ILSTMACL220W35K	3500k	> 80	2,582	20	129	120-277	0.17	0.08	0.07	> 90%	< 20%	122,000
ILSTMACL220W4K	4000k	> 80	2,592	20	130	120-277	0.17	0.08	0.07	90%	< 20%	122,000
ILSTMACL220W5K	5000k	> 80	2,613	20	131	120-277	0.17	0.08	0.07	> 90%	< 20%	122,000
ILSTMACL325W35K	3500k	> 80	3,138	25	126	120-277	0.21	0.10	0.09	> 90%	< 20%	122,000
ILSTMACL325W4K	4000k	> 80	3,154	25	126	120-277	0.21	0.10	0.09	90%	< 20%	122,000
ILSTMACL325W5K	5000k	> 80	3,186	25	127	120-277	0.21	0.10	0.09	> 90%	< 20%	122,000
ILSTMACL435W35K	3500k	> 80	4,278	33	130	120-277	0.28	0.14	0.12	> 90%	< 20%	122,000
ILSTMACL435W4K	4000k	> 80	4,313	33	131	120-277	0.28	0.14	0.12	90%	< 20%	122,000
ILSTMACL435W5K	5000k	> 80	4,382	33	133	120-277	0.28	0.14	0.12	> 90%	< 20%	122,000
ILSTMACL865W35K	3500k	> 80	8,129	62	131	120-277	0.52	0.26	0.22	> 90%	< 20%	122,000
ILSTMACL865W4K	4000k	> 80	8,131	62	131	120-277	0.52	0.26	0.22	> 90%	< 20%	122,000
ILSTMACL865W5K	5000k	> 80	8,135	62	131	120-277	0.52	0.26	0.22	> 90%	< 20%	122,000

¹ Color rendering index.

² All 50-60Hz.

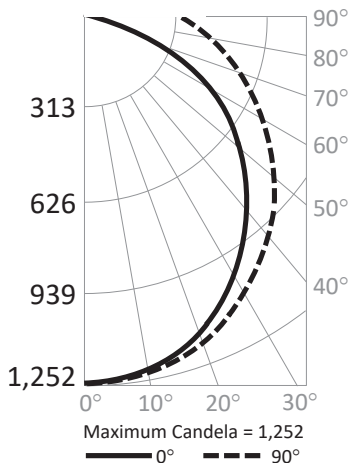
³ Total harmonic distortion.

⁴ L₇₀ 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

ILSTMACL435W5K

(4,382 lumens)



Candlepower Summary

	0°	90°
0°	1,252	1,252
10°	1,224	1,236
20°	1,143	1,182
30°	1,015	1,096
40°	858	984
50°	679	852
60°	489	714
70°	292	575
80°	107	446
90°	0	334

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	130	3.0%
0° - 20°	502	11.5%
0° - 30°	1,064	24.3%
0° - 40°	1,743	39.8%
0° - 50°	2,456	56.0%
0° - 60°	3,124	71.3%
0° - 70°	3,685	84.1%
0° - 80°	4,104	93.7%
0° - 90°	4,382	100.0%
90° - 180°	0	0%
0° - 180°	4,382	100.0%

Cone of Light

