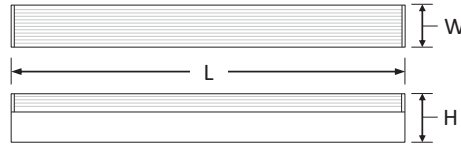


CLLSH 2', 3', 4', 8' LED SLIM STRIP LIGHTS



	CLLSH2	CLLSH3	CLLSH4	CLLSH8
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



MODEL	COLOR TEMPERATURE	LUMINAIRE LUMENS	LUMINAIRE WATTS	LUMENS / WATT
CLLSH2-2035	3500k	2,582	20	129
CLLSH2-2040	4000k	2,592	20	130
CLLSH2-2050	5000k	2,613	20	131
CLLSH3-2535	3500k	3,138	25	126
CLLSH3-2540	4000k	3,154	25	126
CLLSH3-2550	5000k	3,186	25	127
CLLSH4-3535	3500k	4,278	33	130
CLLSH4-3540	4000k	4,313	33	131
CLLSH4-3550	5000k	4,382	33	133
CLLSH8-6535	3500k	8,129	62	131
CLLSH8-6540	4000k	8,131	62	131
CLLSH8-6550	5000k	8,135	62	131

APPLICATIONS

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

LIFE HOURS

122,000 (L₇₀)**

* Contact factory for other color temperatures and lumen packages.

** L₇₀ hours are IES TM-21-11 calculated hours.

FEATURES

- CLLSH2 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.*
- CLLSH3 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.*
- CLLSH4 provides 4,278 luminaire lumens (130 LPW) at 3500k; 4,313 luminaire lumens (131 LPW) at 4000k; and 4,382 luminaire lumens (133 LPW) at 5000k.*
- CLLSH8 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.

WARRANTY/LISTING

- cETLus listed for damp locations in ambient temperatures from 20°C to 50°C (-4°F to 122°F).
- DLC premium approved.
- 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 CLLSH8, 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.
- 5-Year Warranty of all electronics and housing.

CLLSH 2', 3', 4', 8' LED SLIM STRIP LIGHTS

ELECTRIC DATA

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			
CLLSH2-2035	3500k	> 80	2,582	20	129	120-277	0.17	0.08	0.07	> 90%	< 20%	122,000
CLLSH2-2040	4000k	> 80	2,592	20	130	120-277	0.17	0.08	0.07	> 90%	< 20%	122,000
CLLSH2-2050	5000k	> 80	2,613	20	131	120-277	0.17	0.08	0.07	> 90%	< 20%	122,000
CLLSH3-2535	3500k	> 80	3,138	25	126	120-277	0.21	0.10	0.09	> 90%	< 20%	122,000
CLLSH3-2540	4000k	> 80	3,154	25	126	120-277	0.21	0.10	0.09	> 90%	< 20%	122,000
CLLSH3-2550	5000k	> 80	3,186	25	127	120-277	0.21	0.10	0.09	> 90%	< 20%	122,000
CLLSH4-3535	3500k	> 80	4,278	33	130	120-277	0.28	0.14	0.12	> 90%	< 20%	122,000
CLLSH4-3540	4000k	> 80	4,313	33	131	120-277	0.28	0.14	0.12	> 90%	< 20%	122,000
CLLSH4-3550	5000k	> 80	4,382	33	133	120-277	0.28	0.14	0.12	> 90%	< 20%	122,000
CLLSH8-6535	3500k	> 80	8,129	62	131	120-277	0.52	0.26	0.22	> 90%	< 20%	122,000
CLLSH8-6540	4000k	> 80	8,131	62	131	120-277	0.52	0.26	0.22	> 90%	< 20%	122,000
CLLSH8-6550	5000k	> 80	8,135	62	131	120-277	0.52	0.26	0.22	> 90%	< 20%	122,000

¹ Color rendering index.

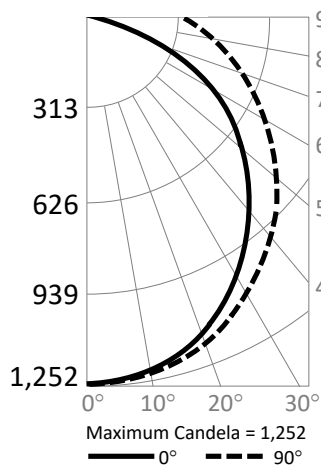
² All 50-60Hz.

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

CLLSH4-3550 (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

