STRIP LIGHT LED

STR220 (4FT) SERIES (2' AND 8' AVAILABLE)

4" WIDE OPEN STRIP CHANNEL LUMINAIRE

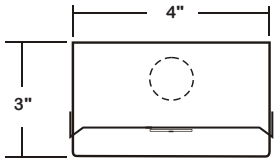
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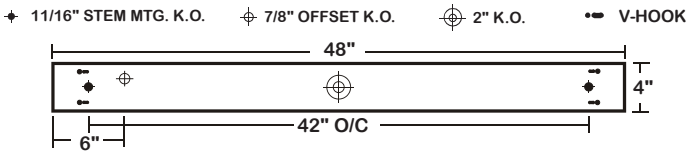
WWW.LALIGHTING.COM
626-454-8300

SURFACE / SUSPENSION MOUNTED LED LUMINAIRE



DIMENSIONS





APPLICATIONS

- Warehouse, Industrial, Commercial

FEATURES

- 0-10V dimming driver standard
- Supports California Title 24 compliance

OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Controls and sensors available
- Wireless control options available
- Emergency battery pack available
- 10 kV surge protector
- 14 ga. wire guard available
- Cable suspension systems available
- Chain mount coupling available
- 20 ga. housing available
- Painted after fabrication available
- Tunable white available (2700K-6500K)

SPECIFICATIONS

CONSTRUCTION

- 22 ga. cold rolled steel housing
- End plates fastened to housing by sheet metal screws to assure rigidity

FINISH

- Baked white polyester finish / minimum reflectance 86%

ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life greater than 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

LISTING

- UL USA and Canada listed / suitable for dry locations

WARRANTY

- 5-Year limited warranty standard. 10-Year limited warranty also available

Los Angeles Lighting Mfg. Co.
Contact Us
T: 626-454-8300
F: 626-454-8399
www.lalighting.com
10141 Olney Street
El Monte, CA 91731
Made in the USA

RoHS COMPLIANT
CERTIFIED

Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice.
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Revised: 10/2/2025

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ORDERING INFORMATION"

EXAMPLE: STR220-4-4L-BPL1.5-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
STR220			**4L**					**1**	
STR220 4" Wide Open Strip Channel LED Luminaire	**2** Nom. 2000 Lumens **4** Nom. 4000 Lumens **6** Nom. 6000 Lumens **8** Nom. 8000 Lumens *Additional Lumen Packages Available	**(Blank)** Standard **HE** High Efficacy (Only 2000 / 4000 / 6000 lumens Systems)	**4L** 4'	**PAF** Painted After Fabrication **20G** 20 ga. Cold Rolled Steel Housing *Leave Blank if Not Specified	**BPL1.5** 1500lm Emergency Battery Pack **SP10** 10 kV Surge Protector **MSxx** Motion Sensor **WLC(LEDRU)** EnOcean Wireless Control *Leave Blank if Not Specified	**DRDM** 0-10V Dimming Driver	**UNV** 120V-277V	**1** One LED Row	**830** 80+CRI / 3000K Color Temp. **835** 80+CRI / 3500K Color Temp. **840** 80+CRI / 4000K Color Temp. **850** 80+CRI / 5000K Color Temp. *Additional Color Temp. Available

Standard options for STR220 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.

SYSTEM DATA

THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	STR220-2-4L-DRDM-UNV-1/840	2153 lm	17.8 W	121.0 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	STR220-4-4L-DRDM-UNV-1/840	4079 lm	34.9 W	116.9 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	STR220-6-4L-DRDM-UNV-1/840	6119 lm	49.3 W	124.1 lm/W	-20°C / 35°C	3-F32T8	LA-T3437
8000 Lumens (Nominal)	STR220-8-4L-DRDM-UNV-1/840	8158 lm	68.1 W	119.8 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	STR220-2HE-4L-DRDM-UNV-1/840	*	*	*	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	STR220-4HE-4L-DRDM-UNV-1/840	*	*	*	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	STR220-6HE-4L-DRDM-UNV-1/840	*	*	*	-20°C / 35°C	3-F32T8	*

NOTE:
System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application.

This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.

Additional lumen packages and color temperatures available.

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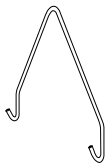
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ACCESSORIES

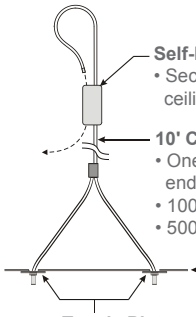
V4
- 4" Leg Height V-Hook
- Two (2) per fixture



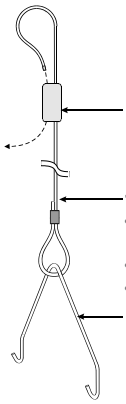
CMC-245
- Chain mount coupling with Lift-Up tabs for installation of V-Hooks when chain mounted
- Baked white enamel finish

WG14-STR200
- 14 ga. Wire Guard
- Chrome epoxy powder coated finish

YTCS10
- Y-Toggle-End / Cable Suspension System



V4CS10
- V-Hook / Cable Suspension System
- Cable set with V4 hooks

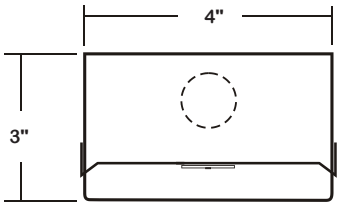


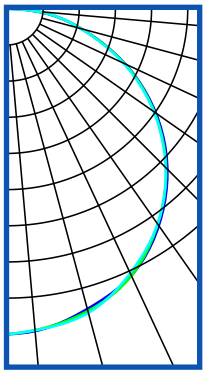
04-29-2019

PHOTOMETRIC DATA - STR220_4FT SERIES

STR220-6-4L-DRDM-UNV-1/840

TEST NO.=LA-T3437
LED TYPE= 48 LED MODULE
NO. OF MODULE=2
SYSTEM WATT (W)=49.3
CRI=>80
L70(Hrs.)=50,000
PHOTOMETRY TYPE=C





CANDLEPOWER

ANGLE	END	45	CROSS
0	2022	2022	2022
5	2009	2003	2004
15	1928	1942	1953
25	1825	1826	1808
35	1639	1627	1626
45	1402	1390	1387
55	1121	1110	1104
65	800	796	788
75	469	467	463
85	173	182	182
90	9	11	11
95	0	0	0
105	0	0	0
115	0	0	0
125	0	0	0
135	0	0	0
145	0	0	0
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1585	26	26
0-40	2608	43	43
0-60	4684	76	77
0-90	6116	100	100
90-120	3	0	0
90-150	3	0	0
90-180	3	0	0
0-180	6119	100	100

Luminaire Output= 6119.2 lumens
Luminaire Efficacy = 124.1 lm/W
Luminaire Efficiency = 99.92%

SPACING CRITERION

ALONG	ACROSS
1.26	1.26

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