



STRIP LIGHT

STR100

SERIES 2FT, 4FT, 8FT
® 2 1/2" WIDE OPEN STRIP CHANNEL LED LUMINAIRE



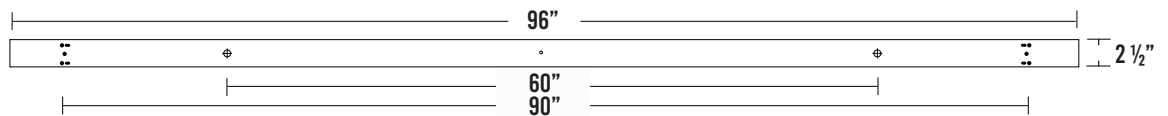
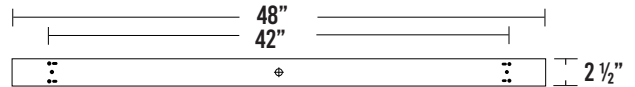
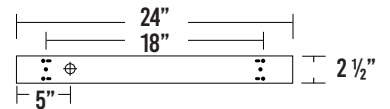
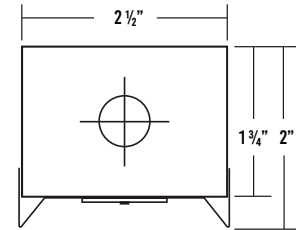
JOB	
TYPE	
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WWW.LALIGHTING.COM TEL: 626-454-8300

SURFACE/SUSPENDED/WALL MOUNTED LED LUMINAIRE

DIMENSIONS

- 3/16" MOUNTING HOLE
- 7/8" K.O.
- V-HOOK HOLE



SPECIFICATIONS

CONSTRUCTION

- 22 gauge 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 tested at 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 location only

WARRANTY

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

APPLICATIONS

- Warehouse, Commercial, Industrial

FEATURES

- 0-10V Dimming driver standard
- End plates may be used as channel couplings for continuous row mounting (surface mounted applications only)
- Supports California Title 24 compliance

OPTIONS CONTACT CUSTOMER SERVICE FOR ADDITIONAL OPTIONS

- Controls
- 24 gauge cold-rolled steel reflector
- 14 gauge wire guard
- Custom housing colors
- Plug-in branch wiring connector system
- Cord & Plug
- Emergency battery pack
- Tunable white (2700K - 6500K)
- Customization available upon request
- Cable suspension systems
- Chain mount

CUSTOM COLORS

BLK - Matte Black

CS - Camaro Silver

BZ - Statuary Bronze



Variety of RAL colors available upon request.



Los Angeles Lighting Mfg. Co.
Contact Us
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10141 Olney Street
El Monte, CA 91731
Made in the USA



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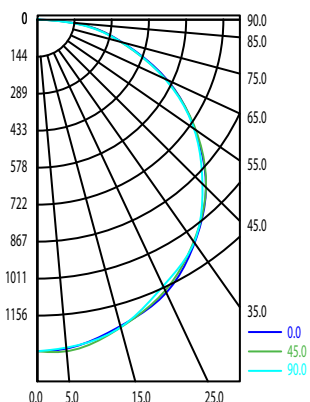


ADDITIONAL OPTIONS AVAILABLE. VISIT WWW.LALIGHTING.COM/RESOURCES FOR MORE INFORMATION

EXAMPLE: STR100-4-4L-BPLSL1.5-DRDM-UNV-1/840

[illegible]

PHOTOMETRIC DATA



STR100-4-4L-DRDM-UNV-1/840 TEST NO. = LA-T3878b LED TYPE = 56 LED MODULE NO. OF MODULE = 1 SYSTEM WATT (W) = 26.7 CRI ≥ 80 L70(Hrs.) ≥ 50,000 PHOTOMETRY TYPE = C
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ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1016	24.88	24.89
0-40	1682	41.18	41.20
0-60	3067	75.07	75.10
0-90	4083	99.94	99.98
90-120	0	0	0.02
90-150	0	0	0.02
90-180	0	0	0.02
0-180	4084	99.96	100.00

SPACING CRITERION	
ALONG	ACROSS
1.29	1.41

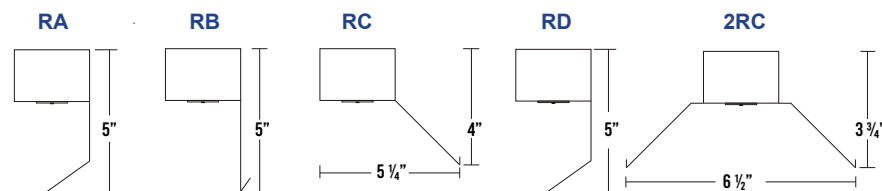
Luminaire Output = 4084 lm
Luminaire Efficacy = 152.9 lm/W
Luminaire Efficiency = 99.96%

REFLECTORS

RA

STYLE

RA - 3-bend asymmetrical reflector
RB - 90° 1-bend asymmetrical reflector
RC - 45° 1-bend asymmetrical reflector
RD - 2-bend asymmetrical reflector
2RC - 45° symmetrical reflector



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MADE IN THE USA
BAA/BABA Compliant

SYSTEM DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	STR100-1-2L-DRDM-UNV-1/840	1274	7.3	174.8 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	STR100-2-2L-DRDM-UNV-1/840	2091	12.4	169.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	*
3000 Lumens (Nominal)	STR100-3-2L-DRDM-UNV-1/840	3284	20.3	161.8 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4000 Lumens (Nominal)	STR100-4-2L-DRDM-UNV-1/840	4055	25.8	157.3 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F17T8 2-F24T5HO	*
5000 Lumens (Nominal)	STR100-5-2L-DRDM-UNV-1/840	5385	32.6	165.1 lm/W	-20°C / 35°C (-4°F / 95°F)	5-F17T8	*

2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	STR100-1HE-2L-DRDM-UNV-1/840	1294	7.2	180.1 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	STR100-2HE-2L-DRDM-UNV-1/840	2131	12.1	176.4 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	*
3000 Lumens (Nominal)	STR100-3HE-2L-DRDM-UNV-1/840	3369	19.6	171.8 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*

4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	STR100-2-4L-DRDM-UNV-1/840	2131	12.1	176.3 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	STR100-4-4L-DRDM-UNV-1/840	4183	24.7	169.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	STR100-6-4L-DRDM-UNV-1/840	6176	37.9	163.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	STR100-8-4L-DRDM-UNV-1/840	8109	51.5	157.3 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
10000 Lumens (Nominal)	STR100-10-4L-DRDM-UNV-1/840	10373	62.6	165.8 lm/W	-20°C / 35°C (-4°F / 95°F)	5-F32T8	*

4' - 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)	STR100-2HE-4L-DRDM-UNV-1/840	2166	11.9	181.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	STR100-4HE-4L-DRDM-UNV-1/840	4262	24.2	176.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	STR100-6HE-4L-DRDM-UNV-1/840	6328	36.7	172.5 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*



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SYSTEM DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	STR100-4-8L-DRDM-UNV-1/840	4262	24.2	176.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
8000 Lumens (Nominal)	STR100-8-8L-DRDM-UNV-1/840	8366	49.5	169.1 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	STR100-12-8L-DRDM-UNV-1/840	12351	75.8	163.0 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 2-F96T8HO	*
16000 Lumens (Nominal)	STR100-16-8L-DRDM-UNV-1/840	16218	103.1	157.3 lm/W	-20°C / 35°C (-4°F / 95°F)	8-F32T8 4-F54T5HO	*
20000 Lumens (Nominal)	STR100-20-8L-DRDM-UNV-1/840	20346	122.4	166.3 lm/W	-20°C / 35°C (-4°F / 95°F)	8-F32T8 4-F54T5HO	*
8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	STR100-4HE-8L-DRDM-UNV-1/840	4331	23.9	181.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
8000 Lumens (Nominal)	STR100-8HE-8L-DRDM-UNV-1/840	8107	45.8	176.9 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	STR100-12HE-8L-DRDM-UNV-1/840	12246	70.8	173.1 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 2-F96T8HO	*

NOTE:

System data as of 7/1/25 (K-Boards).

Luminaire efficiency: 2ft: 99.9%, 4ft: 99.9% 8ft: 99.9%

Subject to change without notice.

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.

ELECTRICAL

PLUG-IN BRANCH WIRING CONNECTOR SYSTEM

- * For wiring through fixture channel in single or multiple circuits
- * Low-voltage for dimming available
- * 12 gauge wire
- * Quick connect plugs for easy installation
- * Contact customer service for additional options

CORD & PLUG

CP 515P 6 E

LOCATION

- E End of fixture
- T Top of fixture
- A Access Plate

LENGTH

Contact customer service for custom lengths

- 6 6ft cord
- 10 10ft cord

PLUG

- 515P*** NEMA 5-15P, straight blade, 120V, 15A
(For wet location applications if installed in a waterproof enclosure)
- L515P** NEMA L5-15P, locking blade, 120V, 15A
- L515PWL*** NEMA 4x L5-15P, wet location, locking blade, 120V 15A
(Contact customer service to specify plug manufacturer)
- L520P** NEMA L5-20P, locking blade, 120V, 20A
- L715P** NEMA L7-15P, locking blade, 277V, 15A
(For wet location applications if installed in a waterproof enclosure)
- L715PWL*** NEMA 4x L7-15P, wet location, locking blade, 277V, 15A
(Contact customer service to specify plug manufacturer)
- L720P** NEMA L7-20P, locking blade, 277V, 20A
- L820P** NEMA L8-20P, locking blade, 480V, 20A

CORD & PLUGS Contact customer service for custom options

- CP Cord 18 gauge 3-wire
- Black outer jacket

JT type for 120-277V / ST type for 480V

*Consult local building codes for specific wet location installation requirements

PIW1 LV

CONTROL WIRES

Blank Leave blank if not specified

LV Low Voltage for 0-10V or other controls

OF CIRCUITS

PIW1 One Circuit

PIW2 Two Circuits



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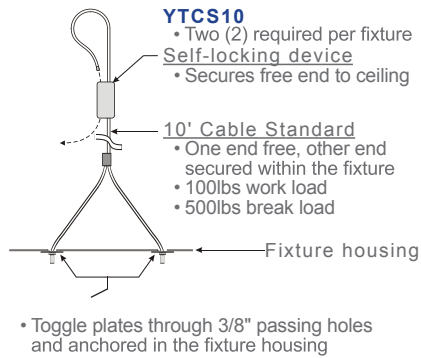
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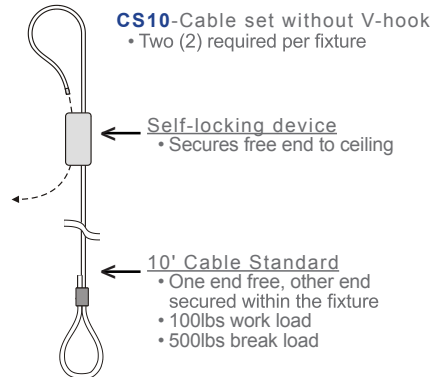


MOUNTING ACCESSORIES

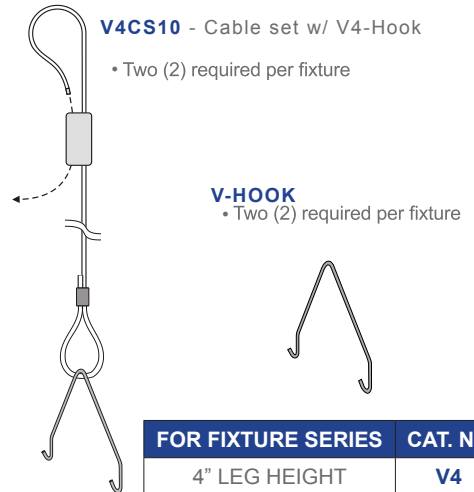
Y-TOGGLE-END / CABLE SUSPENSION SYSTEM



CABLE SUSPENSION SYSTEM



V-HOOK / CABLE SUSPENSION SYSTEM



ACCESSORIES

WG14-STR100

- 14 gauge Wire Guard
- Chrome epoxy powder coated finish
- Not for use with reflectors



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