



STRIP LIGHT

STRO50

SERIES 2FT, 3FT, 4FT, 8FT
© 1 1/4" WIDE OPEN STRIP CHANNEL LED LUMINAIRE



JOB	
TYPE	
DATE	

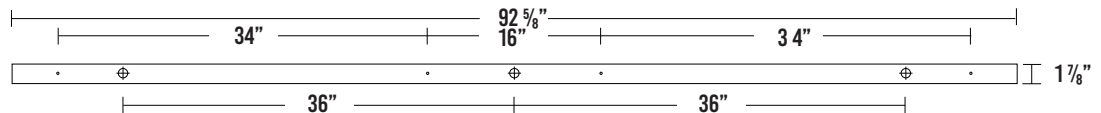
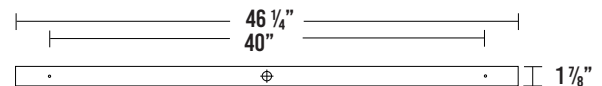
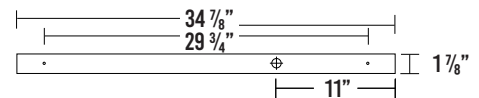
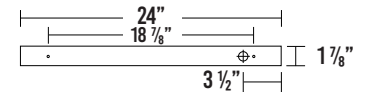
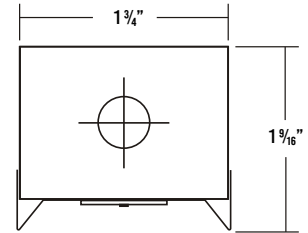
WWW.LALIGHTING.COM TEL: 626-454-8300

SURFACE/SUSPENDED/WALL MOUNTED LED LUMINAIRE

DIMENSIONS



• 3/16" MOUNTING HOLE
• 7/8" K.O.



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~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, 10-year limited warranty 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
- Custom housing colors
- Plug-in branch wiring connector system
- Cord & Plug
- Emergency battery pack
- Tunable white (2700K - 6500K)
- Customization available upon request

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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www.lalighting.com Made in the USA



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BAA Compliant

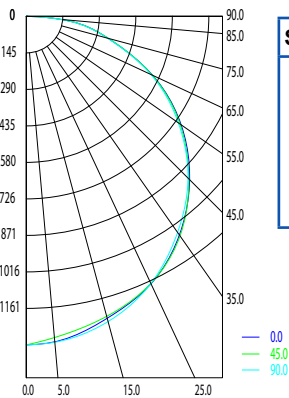
ORDERING INFORMATION

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

EXAMPLE: STR050-4-4L-BPLSL1.5-DRDM-UNV-1/840

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	REFLECTOR	CONTROLS	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT	
STR050								1		
STR050 • 1 3/4" Wide Open Strip Luminaire	1 - 1000lm 2 - 2000lm 3 - 3000lm 4 - 4000lm	2L • 2'	RA • 3-Bend Asymmetrical RB • 90° 1-Bend Asymmetrical RC • 45° 1-Bend Asymmetrical RD • 2-Bend Asymmetrical 2RC • 45° Symmetrical	WLC(LED RU) ¹ • Wireless Control MS ¹ • Motion Sensor *Leave blank if not specified	BPLSL1.5 ² • Emergency Battery Pack Slim Casing 1500 lm PIW(xx) • Plug-in Branch Wiring Connector • One or Two Circuit • Low Voltage Dimming C(xx) • Cord 18 gauge 3-wire • Plug Options • NEMA Plug Type • Length of Cord • Location on the fixture	DRDM • 0-10V Dimming Driver DRSD • Step Dimming Driver DR2W • 2-Wire Phase Dimming Driver • Requires Specific Voltage Callout	UNV • 120V-277V 120V • 120 Volt 277V • 277 Volt 347V • 347 Volt 480V • 480 Volt	1 • 1 LED Row	830 • 80+CRI / 3000K 835 • 80+CRI / 3500K 840 • 80+CRI / 4000K 850 • 80+CRI / 5000K 8TW • 80+CRI Tunable White 2700K-6500K <i>Contact customer service for additional CRI / CCT packages, including 90CRI</i>	
	High Efficacy 1HE - 1000lm 2HE - 2000lm 3HE - 3000lm	3L • 3'								
	1.5 - 1500lm 3 - 3000lm 4.5 - 4500lm	4L • 4'								
	2 - 2000lm 4 - 4000lm 6 - 6000lm 8 - 8000lm 10 - 10000lm High Efficacy 2HE - 2000lm 4HE - 4000lm 6HE - 6000lm	8L • 8'								
4 - 4000lm 8 - 8000lm 12 - 12000lm 16 - 16000lm 20 - 20000lm High Efficacy 4HE - 4000lm 8HE - 8000lm 12HE - 12000lm										
<p>Standard options for STR050 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.</p> <p>¹ Must be end-mounted externally. ² Emergency battery not available for 2' length.</p>										

PHOTOMETRIC DATA



STR050-4-4L-DRDM-UNV-1/840

TEST NO. = LA-T3840b
LED TYPE = 56 LED MODULE
NO. OF MODULE = 1
SYSTEM WATT (W) = 26.7
CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE = C

ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1017	24.91	24.91
0-40	1683	41.21	41.21
0-60	3060	74.90	74.90
0-90	4083	99.93	99.93
90-120	2.46	0.06	0.06
90-150	2.46	0.06	0.06
90-180	2.46	0.06	0.06
0-180	4085	99.99	100.00

SPACING CRITERION	
ALONG	ACROSS
1.27	1.40

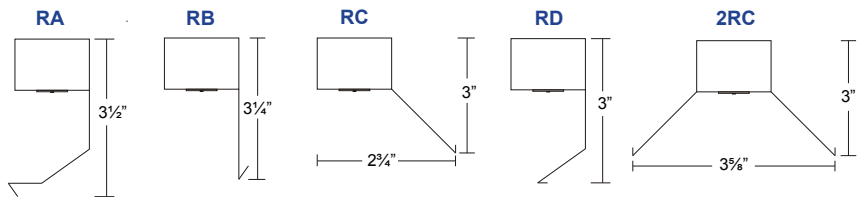
Luminaire Output = 4085 lm
Luminaire Efficacy = 152.9 lm/W
Luminaire Efficiency = 99.99%

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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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)	STR050-1-2L-DRDM-UNV-1/840	1040 lm	7.6	136.1 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	STR050-2-2L-DRDM-UNV-1/840	2041 lm	14.1	144.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	LA-T3838b
3000 Lumens (Nominal)	STR050-3-2L-DRDM-UNV-1/840	3180 lm	22.1	143.7 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4000 Lumens (Nominal)	STR050-4-2L-DRDM-UNV-1/840	4138 lm	27.2	151.7 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F17T8 2-F24T5HO	*
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)	STR050-1HE-2L-DRDM-UNV-1/840	1124 lm	7.5	149.91 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	STR050-2HE-2L-DRDM-UNV-1/840	1998 lm	12.3	161.52 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	*
3000 Lumens (Nominal)	STR050-3HE-2L-DRDM-UNV-1/840	3019 lm	18.6	161.60 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
3' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1500 Lumens (Nominal)	STR050-1.5-3L-DRDM-UNV-1/840	1687 lm	9.2	183.5 lm/W	-20°C / 35°C (-4°F / 95°F)	-	*
3000 Lumens (Nominal)	STR050-3-3L-DRDM-UNV-1/840	2999 lm	17.4	172.2 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F25T8	LA-T3839b
4500 Lumens (Nominal)	STR050-4.5-3L-DRDM-UNV-1/840	4822 lm	28.8	167.4 lm/W	-20°C / 35°C (-4°F / 95°F)	-	*
3' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1500 Lumens (Nominal)	STR050-1.5-3L-DRDM-UNV-1/840	1687 lm	9.2	183.5 lm/W	-20°C / 35°C (-4°F / 95°F)	-	*
3000 Lumens (Nominal)	STR050-3-3L-DRDM-UNV-1/840	2999 lm	17.4	172.2 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F25T8	*
4500 Lumens (Nominal)	STR050-4.5-3L-DRDM-UNV-1/840	4822 lm	28.8	167.4 lm/W	-20°C / 35°C (-4°F / 95°F)	-	*
4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	STR050-2-4L-DRDM-UNV-1/840	2080 lm	13.4	155.1 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	STR050-4-4L-DRDM-UNV-1/840	4085 lm	26.7	152.9 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	LA-T3840b
6000 Lumens (Nominal)	STR050-6-4L-DRDM-UNV-1/840	6362 lm	43.6	145.6 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	STR050-8-4L-DRDM-UNV-1/840	8281 lm	50.8	162.8 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
10000 Lumens (Nominal)	STR050-10-4L-DRDM-UNV-1/840	10130 lm	61.4	164.7 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
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)	STR050-2HE-4L-DRDM-UNV-1/840	2249 lm	13.5	166.1 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	STR050-4HE-4L-DRDM-UNV-1/840	3999 lm	23.4	170.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	STR050-6HE-4L-DRDM-UNV-1/840	6431 lm	38.4	167.4 lm/W	-20°C / 35°C (-4°F / 95°F)	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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8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	STR050-4-8L-DRDM-UNV-1/840	4161lm	25.7	161.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
8000 Lumens (Nominal)	STR050-8-8L-DRDM-UNV-1/840	8172 lm	52.6	155.1 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	LA-T3841b
12000 Lumens (Nominal)	STR050-12-8L-DRDM-UNV-1/840	12356 lm	81.9	150.8 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*
16000 Lumens (Nominal)	STR050-16-8L-DRDM-UNV-1/840	16207 lm	99.2	163.3 lm/W	-20°C / 35°C (-4°F / 95°F)	8-F32T8 4-F54T5HO	*
20000 Lumens (Nominal)	STR050-20-8L-DRDM-UNV-1/840	20261 lm	122.9	164.7 lm/W	-20°C / 35°C (-4°F / 95°F)	-	*

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)	STR050-4HE-8L-DRDM-UNV-1/840	4048 lm	22.7	178.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
8000 Lumens (Nominal)	STR050-8HE-8L-DRDM-UNV-1/840	7999 lm	45.2	176.6 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	STR050-12HE-8L-DRDM-UNV-1/840	12083 lm	71.1	169.8 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*

NOTE:
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DRIVER OPTIONS

DRDM () () UNV

VOLTAGE

- UNV** Universal 120-277V (For DR2W Driver Type) **Standard Stock Item*
- 120V** 120 Volt (For DR2W Driver Type)
- 277V** 277 Volt (For DR2W Driver Type)
- 347V** 347 Volt
- 480V** 480 Volt

SPECIFIC DRIVER

- XXX** Manufacturer's Name/Part Number
- Blank** Not Specified

WARRANTY

- Blank** 5-Year Limited Warranty - Standard
- TY** 10-Year Limited Warranty

DRIVER TYPE

- DRDM** 0-10V Dimming Driver **Standard Stock Item*
- DRDM1** 0-10V Dimming Driver, 1% Dimming
- DRDM2C** 2-Channel 0-10V Dimming Driver (for Color Tunable White)
- DR2W** 2-Wire Phase Dimming Driver (TRIAC, Mark 10) Please Specify Voltage in Voltage Field
- DRDA** Digital Addressable DALI Dimming Driver
- DRDA2C** Digital Addressable DALI Type 8, 2-Channel Driver (for Color Tunable White)
- DRSD** Step Dimming Driver
- DR(LTEA2W)** Lutron® 2-Wire, 1% Dimming Driver (120V Forward Phase only)
- DR(LDE1)** Lutron® EcoSystem 1% Soft-On, Fade-to-Black
- DR(PEQ0E)** Lutron® EcoSystem 0.1% Soft-On, Fade-to-Black Dimming Driver
- DR(PSQ020)** Lutron® T-Series Digital 1% Dimming 2-Channel Driver (for Color Tunable White)
- DRCR(DXL)** Osram Dexas Driver
- DRCR(SR)** Signify Sensor Ready Driver
- DRCR(XXX)** Control Ready Driver (Specify Driver Manufacturer)

BATTERY PACK OPTIONS

BPL 1.5 (2H)

LED EMERGENCY BATTERY PACKS

Minimum 90-minute operation unless otherwise noted

OTHER SPECIFICATION (Manufacturer, Run Time, etc.)

- 2H** 2 Hours

LUMEN PACKAGE

- 0.7** Nominal 750 Lumens
- 1.5** Nominal 1500 Lumens **Standard Stock Item*
- 3.0** Nominal 3000 Lumens
- 4.0** Nominal 4000 Lumens
(Additional lumen packages available)

TYPE

- (Blank)** Normal Ambient Temp. / Standard Operation
- C** Cold Environment (-20°C)
- F** Flex Cable for Remote Mounting
- SL** Slim Casing
- ST** Self Test / Diagnostic



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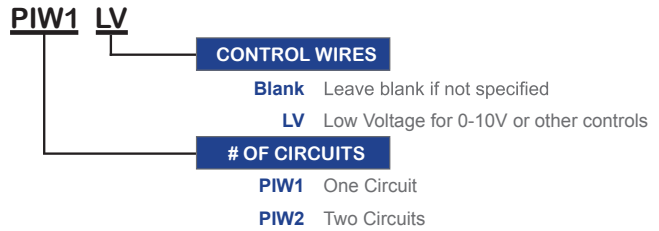


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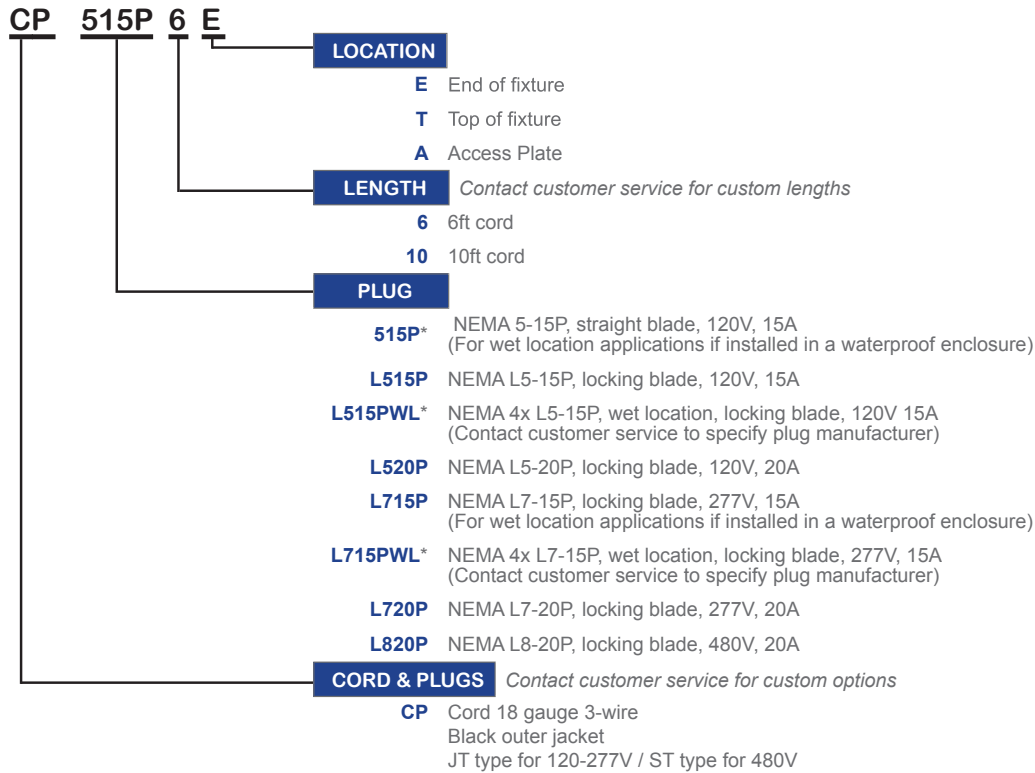
ELECTRICAL

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



**Consult local building codes for specific wet location installation requirements*



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