



RETROFIT SOLUTION LED

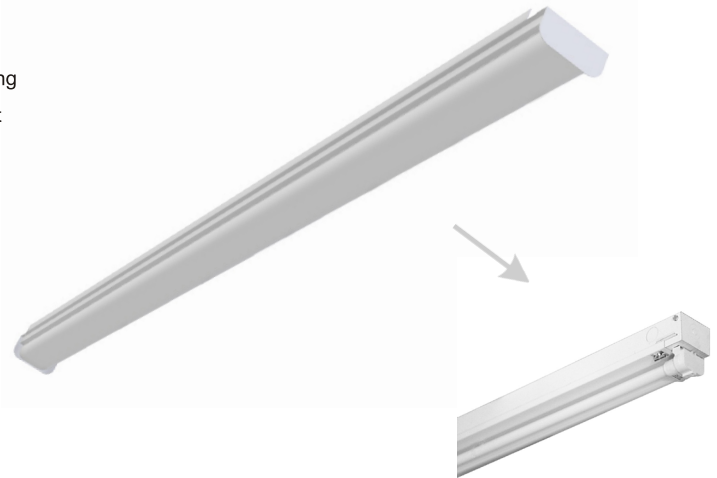
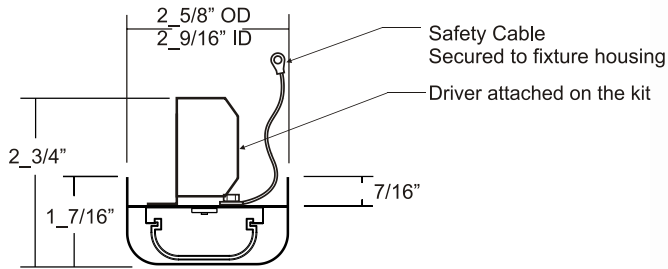
RSTR202 (2" WIDE) SERIES

NOMINAL 2" WIDE STRIP LIGHT RETROFIT SOLUTION

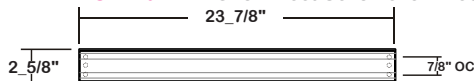
DATE	
JOB	

WWW.LALIGHTING.COM
626-454-8300

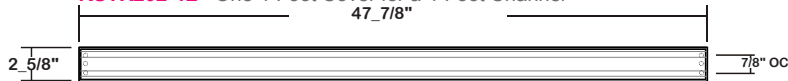
EASILY CONVERTS EXISTING NOMINAL 2" WIDE FLUORESCENT STRIPS TO LED LUMINAIRES



RSTR202-2L - One 2-Foot Cover for a 2-Foot Channel



RSTR202-4L - One 4-Foot Cover for a 4-Foot Channel



RSTR202-8LT - Two 4-Foot Covers for an 8-Foot Channel



FEATURES

- LED retrofit solution for fluorescent strip light luminaires from nominal 2" to 2_1/2" wide
- 0-10V dimming driver standard
- Includes easy-to-read installation instructions
- Pre-punched holes to install the necessary hardware and wiring
- Safety cables pre-installed
- Driver pre-installed for ease of installation
- Supports California Title 24 compliance

OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Wireless control options available
- Emergency battery pack available
- Frosted acrylic lens available
- Tunable white available (2700K-6500K)
- Painted after fabrication available

SPECIFICATIONS

CONSTRUCTION

- 22 ga. cold rolled steel LED cover tray
- LED cover tray to be secured to the host fixture with provided screws

FINISH

- Baked white polyester finish
- Minimum reflectance 86%

OPTICAL

- Frosted white acrylic lens

LISTING

- UL USA and Canada listed

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)
- LED light engine is pre-wired with a quick connector for easy connection
- Driver-disconnect is provided for disconnecting the electrical supply conductors to the LED driver
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

WARRANTY

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



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



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. Please visit our website to view the most current information.

© 2022 LOS ANGELES LIGHTING MANUFACTURING CO. ALL RIGHTS RESERVED.

Revised: 07/26/23



ORDERING INFORMATION

EXAMPLE: RSTR202-4-4L-FRWA-DRDM-UNV-1/840

RETROFIT SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
RSTR202							DRDM	UNV	1	
RSTR202 Nominal 2" Wide Strip Light Fluorescent Fixture to LED Luminaire Retrofit Solution	1 Nom. 1000 Lumens 2 Nom. 2000 Lumens 4 Nom. 4000 Lumens 6 Nom. 6000 Lumens 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens 16 Nom. 16000 Lumens <i>*Additional Lumen Packages Available</i>	(Blank) Standard HE High Efficacy (Only 2000 / 4000 / 6000 / 8000 / 12000 / 16000 lumens Systems)	2L 2' (one 2-foot cover for a 2-foot channel) (Only 1000 / 2000 lumens Systems) 4L 4' (one 4-foot cover for a 4-foot channel) (Only 2000 / 4000 / 6000 / 8000 lumens Systems) 8LT 8' (two 4-foot covers for an 8-foot channel) (Only 4000 / 8000 / 12000 / 16000 lumens Systems)	FRWA Frosted White Acrylic FRA Frosted Acrylic	PAF Painted After Fabrication, Minimum Reflectance 90% *Leave Blank if Not Specified	BPL1.5 1500lm Emergency Battery Pack WLC(LEDPU) EnOcean Wireless Control *Leave Blank if Not Specified <i>Additional Electrical Options</i>	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 RSTR202 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)	RSTR202-2-4L-FRWA-DRDM-UNV-1/840	1905 lm	15.7 W	121.2 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	RSTR202-4-4L-FRWA-DRDM-UNV-1/840	3641 lm	33.1 W	109.9 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	LA-T3412
	RSTR202-4-8LT-FRWA-DRDM-UNV-1/840	3508 lm	28.7 W	122.3 lm/W			*
6000 Lumens (Nominal)	RSTR202-6-4L-FRWA-DRDM-UNV-1/840	5202 lm	52.3 W	99.4 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	RSTR202-8-4L-FRWA-DRDM-UNV-1/840	6954 lm	57.3 W	121.5 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
	RSTR202-8-8LT-FRWA-DRDM-UNV-1/840	7006 lm	63.6 W	110.2 lm/W			*
12000 Lumens (Nominal)	RSTR202-12-8LT-FRWA-DRDM-UNV-1/840	10410 lm	104.6 W	99.5 lm/W	-20°C / 35°C	6-F332T8, 3-F54T5HO	*
16000 Lumens (Nominal)	RSTR202-16-8LT-FRWA-DRDM-UNV-1/840	13598 lm	111.6 W	121.9 lm/W	-20°C / 35°C	4-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)	RSTR202-2HE-4L-FRWA-DRDM-UNV-1/840	1911 lm	12.6 W	152.1 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	RSTR202-4HE-4L-FRWA-DRDM-UNV-1/840	3396 lm	23.2 W	146.5 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
	RSTR202-4HE-8LT-FRWA-DRDM-UNV-1/840	3441 lm	22.5 W	152.8 lm/W			*
6000 Lumens (Nominal)	RSTR202-6HE-4L-FRWA-DRDM-UNV-1/840	5130 lm	36.8 W	137.4 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	RSTR202-8HE-4L-FRWA-DRDM-UNV-1/840	7039 lm	53.0 W	132.9 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
	RSTR202-8HE-8LT-FRWA-DRDM-UNV-1/840	6799 lm	46.4 W	146.6 lm/W			*
12000 Lumens (Nominal)	RSTR202-12HE-8LT-FRWA-DRDM-UNV-1/840	10271 lm	73.6 W	139.6 lm/W	-20°C / 35°C	6-F332T8, 3-F54T5HO	*
16000 Lumens (Nominal)	RSTR202-16HE-8LT-FRWA-DRDM-UNV-1/840	13776 lm	103.3 W	133.4 lm/W	-20°C / 35°C	4-F54T5HO	*

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

** As tested in a host fixture with a smooth frosted white acrylic lens

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.



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



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. Please visit our website to view the most current information.

© 2022 LOS ANGELES LIGHTING MANUFACTURING CO. ALL RIGHTS RESERVED.

Revised: 07/26/23

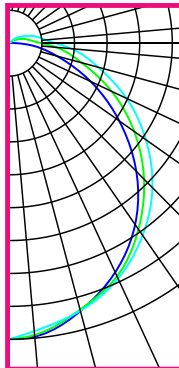
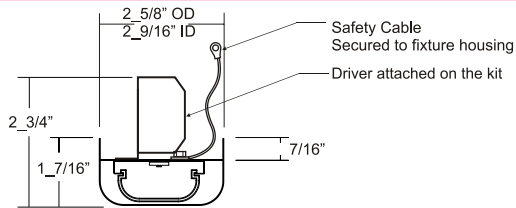


MADE IN THE USA
BAA Compliant

PHOTOMETRIC DATA - RSTR202 SERIES

RSTR202-4-4L-FRWA-DRDM-UNV-1/840

TEST NO.=LA-T3412
 HOST FIXTURE=STR100 with Smooth Frosted White Acrylic Lens
 LED TYPE=48 LED MODULE
 NO. OF MODULE=2
 SYSTEM WATT (W)=33.1
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	1141	1141	1141
5	1136	1130	1114
15	1069	1064	1068
25	975	992	1002
35	854	876	905
45	699	741	788
55	522	593	649
65	349	439	504
75	192	292	358
85	82	184	243
90	29	124	179
95	14	93	143
115	5	62	103
125	0	34	65
135	0	15	38
145	0	4	15
155	0	0	1
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	868	20	24
0-40	1419	33	39
0-60	2523	59	69
0-90	3426	80	94
90-120	196	5	5
90-150	215	5	6
90-180	215	5	6
0-180	3641	85	100

Luminaire Output = 3640.8 lumens
 Luminaire Efficacy = 110.0 lm/W

SPACING CRITERION

ALONG	ACROSS
1.19	1.24

