



RETROFIT SOLUTION LED

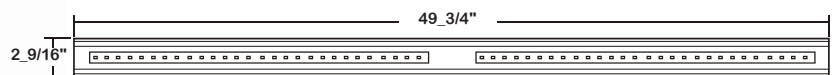
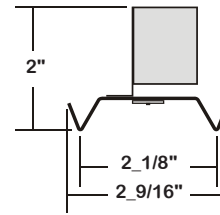
RCIT 100 SERIES
CIT 100 VAPOR TIGHT RETROFIT SOLUTION

DATE	
JOB	

WWW.LALIGHTING.COM
626-454-8300

EASILY CONVERTS THE L.A. LIGHTING EXISTING CIT 100 VAPOR TIGHT FLUORESCENT FIXTURES TO LED LUMINAIRES

DIMENSIONS



**Dimensions must be checked against host fixture to ensure the retrofit solution will fit properly. L.A. Lighting has the capability to modify the retrofit solution to fit your fixture.*

FEATURES

- LED retrofit solution for the L.A. Lighting vapor tight CIT 100 fluorescent luminaires
- Compatible with SLP® Citadel2™ narrow 1-lamp 4' enclosure
- 0-10V dimming driver standard
- Includes easy-to-read installation instructions
- Pre-punched holes to install the necessary hardware and wiring
- 2 safety cables pre-installed
- 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
- Tunable white available (2700K-6500K)
- Painted after fabrication available

SPECIFICATIONS

CONSTRUCTION

- 22 ga. cold rolled steel LED cover tray

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)
- 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%

LISTING

- UL USA and Canada classified

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.

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Revised: 07/25/23



MADE IN THE USA
BAA Compliant

ORDERING INFORMATION

EXAMPLE: RCIT100-4-4L-DRDM-UNV-1/840

RETROFIT SERIES	LED LUMEN PACKAGE	NOMINAL LENGTH	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
RCIT100		4L			DRDM	UNV	1	
RCIT100 Vapor Tight Fluorescent CIT100 Fixture to LED Luminaire Retrofit Solution	2 Nom. 2000 Lumens 4 Nom. 4000 Lumens 6 Nom. 6000 Lumens *Additional Lumen Packages Available	4L 4'	PAF Painted After Fabrication *Leave Blank if Not Specified	BPL1.5 1500lm Emergency Battery Pack MSHxx Motion Sensor High Frequency WLC(LED RU) EnOcean Wireless Control *Leave Blank if Not Specified <u>Additional Electrical Options</u>	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 RCIT100 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)	RCIT100-2-4L-DRDM-UNV-1/840	1831 lm	16.6 W	110.4 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	RCIT100-4-4L-DRDM-UNV-1/840	3468 lm	34.8 W	99.6 lm/W	-20°C / 35°C	2-F32T8	LA-T3194-1
6000 Lumens (Nominal)	RCIT100-6-4L-DRDM-UNV-1/840	5183 lm	55.2 W	93.9 lm/W	-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.

* As tested in a host fixture with a smooth acrylic frosted 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.



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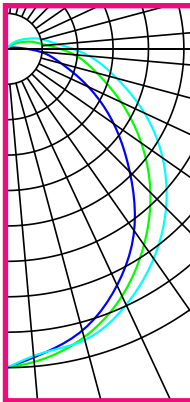
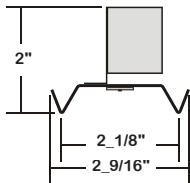
Revised: 07/25/23



PHOTOMETRIC DATA - RCIT100 SERIES

RCIT100-4-4L-DRDM-UNV-1/840

TEST NO.=LA-T3194-1
 HOST FIXTURE=CIT100 with Smooth Acrylic Frosted 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	1168	1168	1168
5	1135	1152	1130
15	1069	1094	1104
25	956	999	1035
35	814	877	938
45	637	744	825
55	478	602	697
65	330	462	557
75	206	341	417
85	124	248	303
90	72	194	242
95	42	147	189
115	4	57	88
125	2	28	54
135	0	2	22
145	0	0	4
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	880	20.5	22.5
0-40	1431	33.4	36.6
0-60	2536	59.2	64.9
0-90	3569	83.3	91.4
90-120	300.1	7.0	7.6
90-150	334.7	7.8	8.5
90-180	334.7	7.8	8.5
0-180	3905	91.1	100.00

Luminaire Output= 3905 lumens
 Luminaire Efficacy = 117.9 lm/W

SPACING CRITERION

ALONG	ACROSS
1.13	1.25

