



RETROFIT SOLUTION LED

RWHO300 SERIES

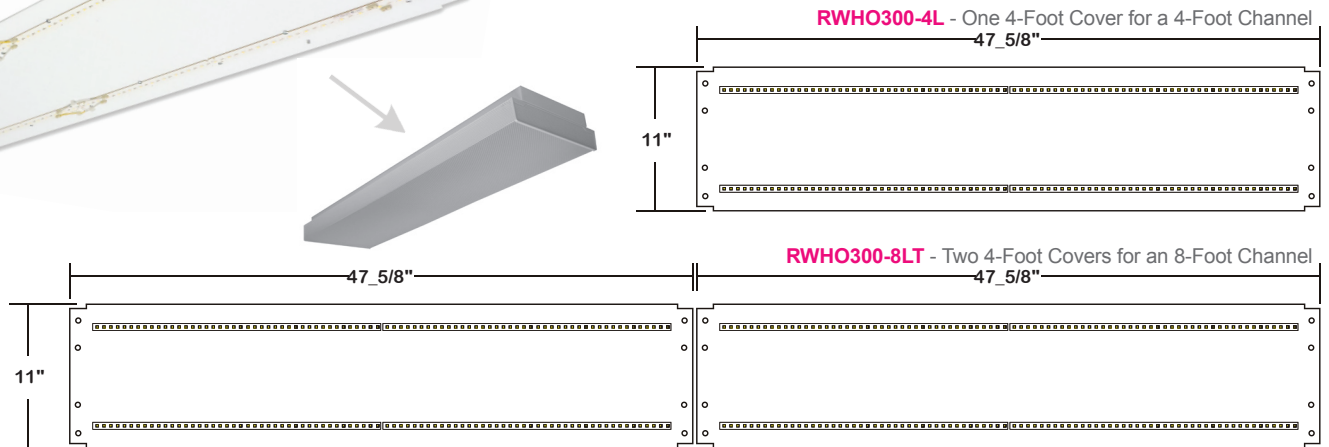
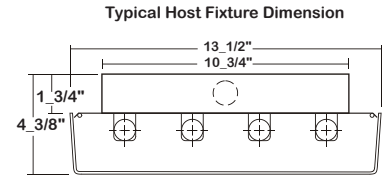
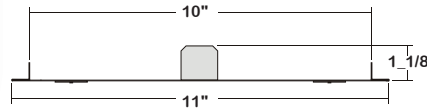
WRAPAROUND RETROFIT SOLUTION

DATE	
JOB	

WWW.LALIGHTING.COM
626-454-8300

**EASILY CONVERTS EXISTING SURFACE / PENDANT MOUNTED
4' AND 8' WRAPAROUND 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 wraparound fluorescent luminaires
- 0-10V dimming driver standard
- Includes easy-to-read installation instructions
- 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
- LED cover tray to be secured to the host fixture with provided screws

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) $\leq 20\%$

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
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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.

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Revised: 07/27/23



MADE IN THE USA
BAA Compliant

ORDERING INFORMATION EXAMPLE: RWHO300-8-4L-DRDM-UNV-2/840

RETROFIT SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
RWHO300						DRDM	UNV	2	
RWHO300 Wraparound Fluorescent Fixture to LED Luminaire Retrofit Solution	4 Nom. 4000 Lumens 6 Nom. 6000 Lumens 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens 16 Nom. 16000 Lumens *Additional Lumen Packages Available	(Blank) Standard HE High Efficacy (Only 4000 / 6000 / 8000 / 12000 lumens Systems)	4L 4' (one 4-foot cover for a 4-foot channel) (Only 4000 / 6000 / 8000 lumens Systems) 8LT 8' (two 4-foot covers for an 8-foot channel) (Only 8000 / 12000 / 16000 lumens Systems)	PAF Painted After Fabrication *Leave Blank if Not Specified	BPL1.5 1500lm Emergency Battery Pack WLC(LED RU) EnOcean Wireless Control *Leave Blank if Not Specified <u>Additional Electrical Options</u>	DRDM 0-10V Dimming Driver	UNV 120V-277V	2 Two LED Rows	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 RWHO300 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
4000 Lumens (Nominal)	RWHO300-4-4L-DRDM-UNV-2/840	3686 lm	25.8 W	142.9 lm/W	-20°C / 35°C	2-F32T8	LA-T3424
6000 Lumens (Nominal)	RWHO300-6-4L-DRDM-UNV-2/840	5570 lm	43.2 W	129.0 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	RWHO300-8-4L-DRDM-UNV-2/840	7363 lm	60.1 W	122.6 lm/W	-20°C / 35°C	4-F32T8	*
	RWHO300-8-8LT-DRDM-UNV-2/840	7373 lm	57.3 W	128.6 lm/W			*
12000 Lumens (Nominal)	RWHO300-12-8LT-DRDM-UNV-2/840	10833 lm	88.5 W	122.4 lm/W	-20°C / 35°C	6-F32T8	*
16000 Lumens (Nominal)	RWHO300-16-8LT-DRDM-UNV-2/840	14435 lm	124.2 W	116.3 lm/W	-20°C / 35°C	8-F32T8	*

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)	RWHO300-4HE-4L-DRDM-UNV-2/840	3616 lm	22.5 W	160.6 lm/W	-20°C / 35°C	2-F32T8	*
6000 Lumens (Nominal)	RWHO300-6HE-4L-DRDM-UNV-2/840	5606 lm	35.7 W	157.2 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	RWHO300-8HE-4L-DRDM-UNV-2/840	7146 lm	46.4 W	154.1 lm/W	-20°C / 35°C	4-F32T8	*
	RWHO300-8HE-8LT-DRDM-UNV-2/840	7233 lm	45.0 W	160.6 lm/W			*
12000 Lumens (Nominal)	RWHO300-12-8LT-DRDM-UNV-2/840	10820 lm	68.7 W	157.6 lm/W	-20°C / 35°C	6-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 clear prismatic 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.



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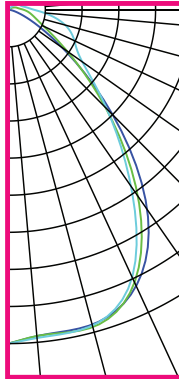
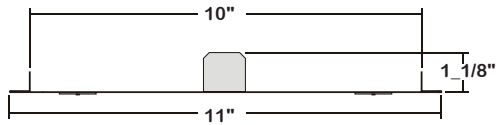
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PHOTOMETRIC DATA - RWHO300 SERIES

RWHO300-4-4L-DRDM-UNV-2/840

TEST NO.=LA-T3424
 HOST FIXTURE=WHO300 with Clear Prismatic Acrylic Lens
 LED TYPE=48 LED MODULE
 NO. OF MODULE=2
 SYSTEM WATT (W)=25.8
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	1733	1733	1733
5	1701	1700	1710
15	1692	1705	1697
25	1582	1562	1532
35	1266	1181	1118
45	772	719	728
55	344	374	471
65	123	204	381
75	38	137	307
85	8	99	189
90	3	79	133
95	2	60	105
115	1	43	72
125	1	28	62
135	0	16	44
145	0	8	21
155	0	3	8
165	0	1	2
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1366	33	37
0-40	2112	51	57
0-60	3031	73	82
0-90	3522	85	96
90-120	138	3	4
90-150	164	4	4
90-180	165	4	4
0-180	3687	89	100

Luminaire Output = 3686.9 lumens
 Luminaire Efficacy = 142.9 lm/W
 Luminaire Efficiency = 89.3%

SPACING CRITERION

ALONG	ACROSS
1.20	1.14

