



RETROFIT SOLUTION LED

RWHO200 SERIES

WRAPAROUND RETROFIT SOLUTION

DATE	
JOB	

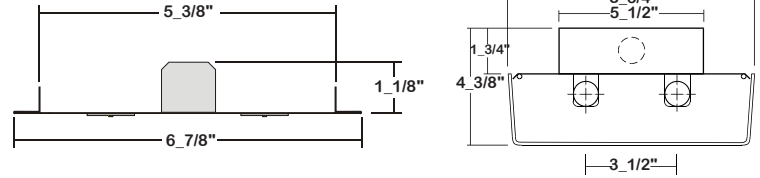
WWW.LALIGHTING.COM
626-454-8300

**EASILY CONVERTS EXISTING SURFACE / PENDANT MOUNTED
4' AND 8' WRAPAROUND FLUORESCENT FIXTURES TO LED LUMINAIRES**

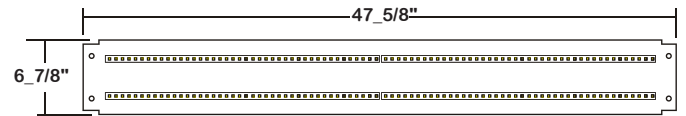
DIMENSIONS



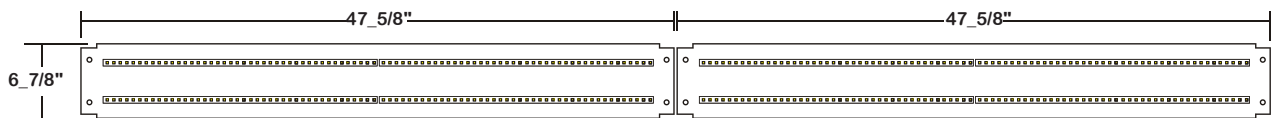
Typical Host Fixture Dimension



RWHO200-4L - One 4-Foot Cover for a 4-Foot Channel



RWHO200-8LT - Two 4-Foot Covers for an 8-Foot Channel



**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
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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



ORDERING INFORMATION EXAMPLE: RWHO200-4-4L-BPL1.5-DRDM-UNV-2/840

RETROFIT SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
RWHO200						DRDM	UNV	2	
RWHO200 Wraparound Fluorescent Fixture to LED Luminaire Retrofit Solution	3 Nom. 3000 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 3000 / 4000 / 6000 / 8000 / 12000 lumens Systems)	4L 4' (one 4-foot cover for a 4-foot channel) (Only 3000 / 4000 / 6000 / 8000 lumens Systems) 8LT 8' (two 4-foot covers for an 8-foot channel) (Only 6000 / 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 <i>Additional Electrical Options</i>	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 RWHO200 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
3000 Lumens (Nominal)	RWHO200-3-4L-DRDM-UNV-2/840	2709 lm	20.5 W	132.1 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	RWHO200-4-4L-DRDM-UNV-2/840	3701 lm	27.1 W	136.7 lm/W	-20°C / 35°C	2-F32T8	LA-T3425-1
6000 Lumens (Nominal)	RWHO200-6-4L-DRDM-UNV-2/840	5566 lm	45.7 W	121.8 lm/W	-20°C / 35°C	3-F32T8	*
	RWHO200-6-8LT-DRDM-UNV-2/840	5418 lm	41.0 W	132.1 lm/W	-20°C / 35°C		*
8000 Lumens (Nominal)	RWHO200-8-4L-DRDM-UNV-2/840	7358 lm	63.6 W	115.7 lm/W	-20°C / 35°C	4-F32T8	*
	RWHO200-8-8LT-DRDM-UNV-2/840	7368 lm	57.3 W	128.5 lm/W	-20°C / 35°C		*
12000 Lumens (Nominal)	RWHO200-12-8LT-DRDM-UNV-2/840	10826 lm	88.5 W	122.3 lm/W	-20°C / 35°C	6-F32T8	*
16000 Lumens (Nominal)	RWHO200-16-8LT-DRDM-UNV-2/840	14425 lm	124.2 W	116.2 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
3000 Lumens (Nominal)	RWHO200-3HE-4L-DRDM-UNV-2/840	2799 lm	17.4 W	161.1 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	RWHO200-4HE-4L-DRDM-UNV-2/840	3614 lm	22.5 W	160.5 lm/W	-20°C / 35°C	2-F32T8	*
6000 Lumens (Nominal)	RWHO200-6HE-4L-DRDM-UNV-2/840	5602 lm	35.7 W	157.1 lm/W	-20°C / 35°C	3-F32T8	*
	RWHO200-6HE-8LT-DRDM-UNV-2/840	5598 lm	34.8 W	161.1 lm/W	-20°C / 35°C		*
8000 Lumens (Nominal)	RWHO200-8HE-4L-DRDM-UNV-2/840	7174 lm	46.4 W	154.0 lm/W	-20°C / 35°C	4-F32T8	*
	RWHO200-8HE-8LT-DRDM-UNV-2/840	7228 lm	45.0 W	160.5 lm/W	-20°C / 35°C		*
12000 Lumens (Nominal)	RWHO200-12HE-8LT-DRDM-UNV-2/840	10813 lm	68.7 W	157.5 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 high impact 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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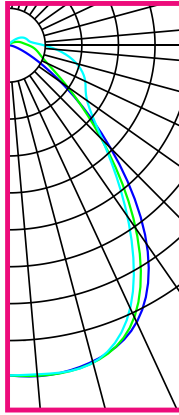
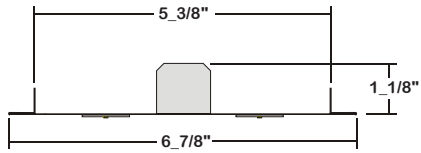
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PHOTOMETRIC DATA - RWHO200 SERIES

RWHO200-4-4L-DRDM-UNV-2/840

TEST NO.=LA-T3425-1
 HOST FIXTURE=WHO200 with Clear Prismatic Acrylic Lens
 LED TYPE=48 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=27.1
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	1663	1663	1663
5	1674	1672	1664
15	1649	1656	1656
25	1540	1512	1462
35	1224	1126	1052
45	732	667	673
55	325	365	487
65	115	217	429
75	35	160	358
85	8	123	242
90	3	101	178
95	3	83	130
105	2	60	101
115	1	39	88
125	1	23	65
135	0	12	33
145	0	6	15
155	0	2	5
165	0	0	1
175	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1326	32	36
0-40	2037	49	55
0-60	2913	71	79
0-90	3473	84	94
90-120	188	5	5
90-150	228	6	6
90-180	229	6	6
0-180	3702	90	100

Luminaire Output = 3701.7 lumens

Luminaire Efficacy = 136.6 lm/W

Luminaire Efficiency = 89.7%

SPACING CRITERION

ALONG	ACROSS
1.21	1.13



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