RETROFIT SOLUTION LED
RGHL310 (1X4) SERIES (1X2 AVAILABLE)
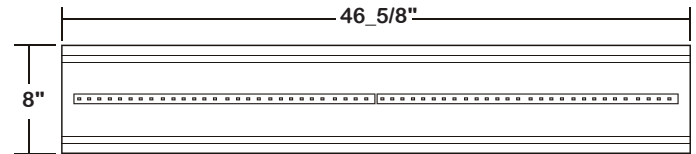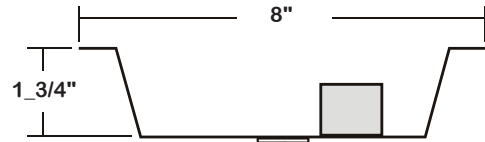### FHL310 / GHL310 / MHL310 TROFFER RETROFIT SOLUTION

LA LIGHTING

DATE	
JOB	

WWW.LALIGHTING.COM
626-454-8300

EASILY CONVERTS EXISTING 1X4 FHL310 / GHL310 / MHL310 TROFFER FLUORESCENT FIXTURES TO LED LUMINAIRES

DIMENSIONS

8"
1_3/4"

46_5/8"
8"

*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 1X4 troffer FHL310 / GHL310 / MHL310 fluorescent luminaires
• 0-10V dimming driver standard
• Includes easy-to-read installation instructions
• 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
• 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 tested at 50,000-51,000 hours (L70), 16,000 hours (L90)
• 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

ORDERING INFORMATION

EXAMPLE: RGHL310-4-4L-BPL1.5-DRDM-UNV-1/840

RETROFIT SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
RGHL310			**4L**				**UNV**	**1**	
RGHL310 Troffer Fluorescent FHL310 / GHL310 / MHL310 Fixture to LED Luminaire Retrofit Solution	**2** Nom. 2000 Lumens **4** Nom. 4000 Lumens **6** Nom. 6000 Lumens **8** Nom. 8000 Lumens *Additional Lumen Packages Available*	**(Blank)** Standard **HE** High Efficacy (Only 2000 / 4000 / 6000 lumens Systems)	**4L** 1' x 4'	**PAF** Painted After Fabrication *Leave Blank if Not Specified*	**BPL1.5** 1500lm Emergency Battery Pack **MSHxx** Motion Sensor High Frequency **WLC(LEDRU)** EnOcean Wireless Control *Leave Blank if Not Specified* *Additional Electrical Options*	**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 RGHL310 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)	RGHL310-2-4L-DRDM-UNV-1/840	1866 lm	18.5 W	100.6 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	RGHL310-4-4L-DRDM-UNV-1/835	3662 lm	33.37 W	109.7 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
	RGHL310-4-4L-DRDM-UNV-1/835				-20°C / 35°C		LA-T3033-1
	RGHL310-4-4L-DRDM-UNV-1/840	3868 lm	32.21 W	116.5 lm/W	-20°C / 35°C		*
	RGHL310-4-4L-DRDM-UNV-1/840				-20°C / 35°C		*
6000 Lumens (Nominal)	RGHL310-6-4L-DRDM-UNV-1/840	4400 lm	52.3 W	84.1 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	RGHL310-8-4L-DRDM-UNV-1/840	5951 lm	53.0 W	112.3 lm/W	-20°C / 35°C	2-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)	RGHL310-2HE-4L-DRDM-UNV-1/840	1617 lm	12.6 W	128.7 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	RGHL310-4HE-4L-DRDM-UNV-1/840	2874 lm	23.2 W	123.9 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	RGHL310-6HE-4L-DRDM-UNV-1/840	4342 lm	36.8 W	118.0 lm/W	-20°C / 35°C	3-F32T8	*

NOTE:

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.

RoHS COMPLIANT   **UL** CERTIFIED

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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MADE IN THE USA BAA Compliant