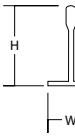
RECESSED GHL315

LED

20" WIDE HINGE AND LATCH RECESSED TROFFER

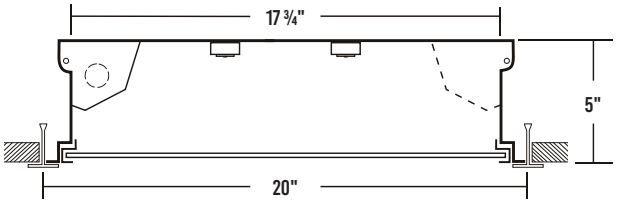
JOB	
TYPE	
DATE	

Grid-Mounted



COMPATIBLE T-BAR GRIDS	
WIDTH	HEIGHT
15/16"	1 1/2"

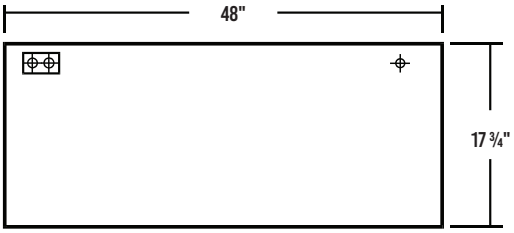
CROSS SECTION



Access Plate

7/8" KO

BACKPLATE



SPECIFICATIONS

Construction
- 22 gauge cold-rolled steel housing
- 20 gauge cold rolled steel door frame secured by T-hinges and positive spring loaded latches
- One way polyurethane gasket

Finish
- Baked white polyester finish
- Minimum reflectance 86%
- Door frame painted after fabrication

Optical
- Clear prismatic acrylic lens

Electrical
- High-efficiency drivers coupled with long-life LEDs
- Service life tested at 148,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

Listing
- UL USA and Canada listed / suitable for damp locations

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

APPLICATIONS
- Offices, Schools, Commercial

FLAT PANEL option

FEATURES
- Made in America, BABA & BAA Compliant
- 0-10V dimming driver standard
- Supports California Title 24 compliance

OPTIONS
- Range of lumen packages and color temperatures
- Flat panel optics
- Sensors and controls
- Lens options
- Painted after fabrication
- Tunable white (2700K – 6500K)
- Emergency battery pack
- 20 gauge housing
- Extruded aluminum door frame
- Neoprene gasket
- Customization available upon request

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

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Revised: 09/24/25

BAA BABA compliant

ORDERING INFORMATION

Visit www.lalighting.com/resources for additional options.

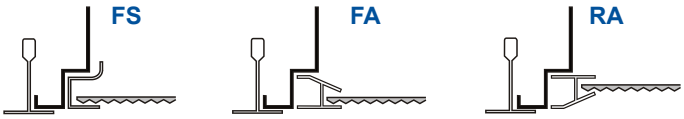
EXAMPLE: GHL315-4-4L-FSW-PA-BPL1.5-DRDM-UNV-2/840

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	DOOR FRAME	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	LED LAYOUT	CRI / CCT
GHL315		**4L**								
GHL315 • 20" Wide Hinge and Latch Recessed Troffer	**2** - 2000 lm **3** - 3000 lm **4** - 4000 lm **6** - 6000 lm **8** - 8000 lm **12** - 12000 lm **High Efficacy** **2HE** - 2000 lm **3HE** - 3000 lm **4HE** - 4000 lm **6HE** - 6000 lm **12HE** - 12000 lm	**4L** • 4'	**FSW** • Flat Steel White Enamel	**PA** • Clear Prismatic Acrylic **PA2** • Clear Prismatic Acrylic 0.125" **FPA2** • Frosted Prismatic Acrylic 0.125" **FFWA** • Flat Frosted White Acrylic	**GSKNx** • Neoprene Gasket *Leave blank for standard 1-way polyurethane gasket	**BPL1.5** • 1500 lm emergency battery pack **WLC(xx)** • Wireless Control *Leave blank if not specified	**DRDM** • 0-10V Dimming Driver **DRDM2C** • 2-Channel 0-10V Dimming Driver (for Color Tunable White) **DRSD** • Step Dimming Driver **DR2W** • 120V 2-Wire Phase Dimming Driver (Must Specify 120V in Voltage Column)	**UNV** • 120V-277V **120V** • 120 Volt **277V** • 277 Volt	**2** • Two Rows **P4** • Flat Panel (Must specify FFWA in optical coumn)	**827** • 80+CRI / 2700K **830** • 80+CRI / 3000K **835** • 80+CRI / 3500K **840** • 80+CRI / 4000K **850** • 80+CRI / 5000K **865** • 80+CRI / 6500K **8TW** • 80+CRI Tunable White 2700K-6500K Requires DRDM2C driver **90CRI Also available** Contact customer service for additional CRI/CCT packages.

Standard options for GHL315 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.

DOOR FRAME

CROSS SECTION



FS W

FINISHES

W White Enamel
B Black Enamel
N Natural Anodized Aluminum (only available for FA and RA styles)

STYLES

FS Flat Steel
FA Flat Extruded Aluminum
RA 5/8" Regressed Extruded Aluminum

OPTICAL OPTIONS

STANDARD LENSES FOR GHL315

PA	Clear Prismatic Acrylic, No Thickness Specified, Female Prisms 3/16 Square Base
PA2	Clear Prismatic Acrylic, Nom. 0.125" OA Thickness, Female Prisms 3/16 Square Base
FFWA	Flat Frosted White Acrylic
FPA2	Frosted Prismatic Acrylic, Nom. 0.125" OA Thickness, Female Prisms 3/16 Square Base

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NEOPRENE GASKET

If Neoprene gasketing is not specified, standard 1-way polyurethane gasket will be used.

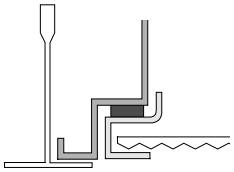
GSKN 1

NEOPRENE GASKET

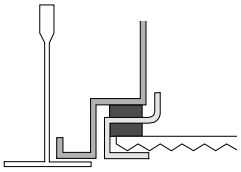
LOCATION

1 One-Way
2 Two-Way
3 Three-Way

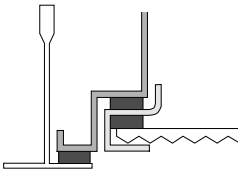
1-WAY
Gasket between housing and door frame.
Only for FS and FA style door frames.



2-WAY
Additional gasket between door frame and lens.
Only for FS style door frames.



3-WAY
Additional gasket between housing and grid.
Only for FS style door frames.



SYSTEM DATA: Additional Lumen Packages Available. Contact Customer Service for More Information

Normal Temp

4' LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	GHL315-2-4L-FSW-PA-DRDM-UNV-2/840	1627	12.4	131.7 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
3000 Lumens (Nominal)	GHL315-3-4L-FSW-PA-DRDM-UNV-2/840	2260	17.3	130.7 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F32T8	*
4000 Lumens (Nominal)	GHL315-4-4L-FSW-PA-DRDM-UNV-2/840	3202	24.9	128.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	GHL315-6-4L-FSW-PA-DRDM-UNV-2/840	4755	37.8	125.9 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
8000 Lumens (Nominal)	GHL315-8-4L-FSW-PA-DRDM-UNV-2/840	6285	50.9	123.4 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
12000 Lumens (Nominal)	GHL315-12-4L-FSW-PA-DRDM-UNV-2/840	9279	78.0	119.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F54T5HO 6x F32T8	*

Normal Temp High Efficacy

4' 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)	GHL315-2HE-4L-FSW-PA-DRDM-UNV-2/840	1663	12.2	135.9 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
3000 Lumens (Nominal)	GHL315-3HE-4L-FSW-PA-DRDM-UNV-2/840	2300	17.2	133.9 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F32T8	*
4000 Lumens (Nominal)	GHL315-4HE-4L-FSW-PA-DRDM-UNV-2/840	3254	24.6	132.3 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	GHL315-6HE-4L-FSW-PA-DRDM-UNV-2/840	4520	34.6	130.7 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
12000 Lumens (Nominal)	GHL315-12HE-4L-FSW-PA-DRDM-UNV-2/840	9201	72.8	126.3 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F54T5HO 6x F32T8	*

NOTE:
System data as of 10/16/24 (K-Boards).
Luminaire efficiency: 75.1%
Subject to change without notice.

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