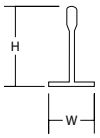
RECESSED GHL340

LED

4' WIDE HINGE AND LATCH RECESSED TROFFER

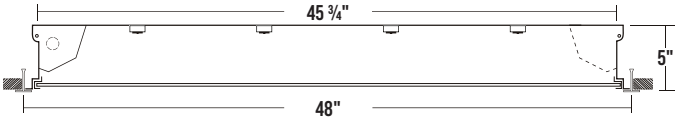
JOB	
TYPE	
DATE	

Grid-Mounted



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

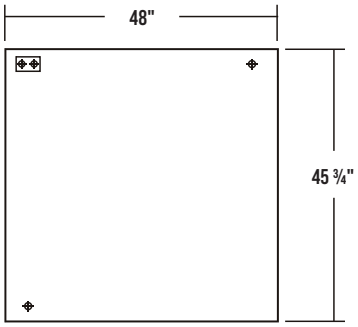
CROSS SECTION



BACKPLATE

Access Plate

7/8" KO



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
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www.lalighting.com
10141 Olney Street
El Monte, CA 91731
Made in the USA

RoHS COMPLIANT

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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Revised: 09/25/25

BAA BABA compliant

ORDERING INFORMATION

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

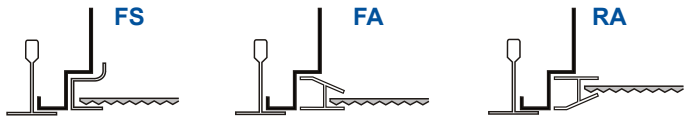
EXAMPLE: GHL340-4-4L-FSW-PA8(1PC)-BPL1.5-DRDM-UNV-4/840

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	DOOR FRAME	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	LED LAYOUT	CRI / CCT
GHL340		**4L**								
GHL340 • 4' Wide Hinge and Latch Recessed Troffer	**4** - 4000 lm **8** - 8000 lm **12** - 12000 lm **16** - 16000 lm **20** - 20000 lm **24** - 24000 lm **High Efficacy** **4HE** - 4000 lm **8HE** - 8000 lm **12HE** - 12000 lm **16HE** - 16000 lm **20HE** - 20000 lm **24HE** - 24000 lm	**4L** • 4' x 4'	**FSW** • Flat Steel White Enamel	**FFWA2(1PC)** • One-Piece Flat Frosted White Acrylic **FFWA** • Two-Piece Flat Frosted White Acrylic **PA8(1PC)** • One-Piece Clear Prismatic Acrylic **PA** • Two-Piece Clear Prismatic 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	**4** • Four Rows **P8** • Flat Panel (Must specify FFWA2 (1PC) in optical column)	**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 GHL340 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 GHL340 - Contact Customer Service for lead times. Two-piece lenses require a center mullion.

CA2(1PC) One-Piece Clear Acrylic, Nom. 0.125" OA Thickness

FFA2(1PC) One-Piece Flat Frosted Acrylic, Nom. 0.125" Thickness

FFWA2(1PC) One-Piece Flat Frosted White Acrylic, Nom. 0.125" Thickness

PA8(1PC) One-Piece Clear Prismatic Acrylic, Nom. 0.187" OA Thickness, Female Prisms 3/16" Square Base, Pattern 12

FFWA Two-Piece Flat Frosted White Acrylic, No Thickness Specified

FPA2 Two-Piece Frosted Prismatic Acrylic, Nom. 0.125" OA Thickness, Female Prisms 3/16" Square Base, Pattern 12

PA Two-Piece Clear Prismatic Acrylic, No Thickness Specified, Female Prisms 3/16" Square Base, Pattern 12

Two-piece lens with center mullion

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NEOPRENE GASKET

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

GSKN 1

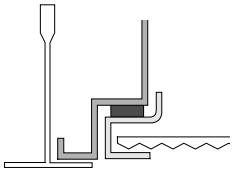
NEOPRENE GASKET

LOCATION

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

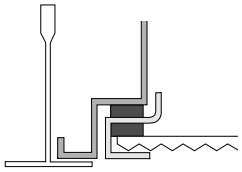
1-WAY

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



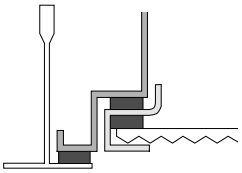
2-WAY

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
4000 Lumens (Nominal)	GHL340-4-4L-FSW-PA-DRDM-UNV-4/840	3426	24.6	139.3 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
8000 Lumens (Nominal)	GHL340-8-4L-FSW-PA-DRDM-UNV-4/840	6413	47.2	136.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
12000 Lumens (Nominal)	GHL340-12-4L-FSW-PA-DRDM-UNV-4/840	9686	72.8	133.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F54T5HO 6x F32T8	*
16000 Lumens (Nominal)	GHL340-16-4L-FSW-PA-DRDM-UNV-4/840	12913	99.1	130.3 lm/W	-20°C / 35°C (-4°F / 95°F)	4x F54T5HO	*
20000 Lumens (Nominal)	GHL340-20-4L-FSW-PA-DRDM-UNV-4/840	16093	126.0	127.8 lm/W	-20°C / 35°C (-4°F / 95°F)	5x F54T5HO	*
24000 Lumens (Nominal)	GHL340-24-4L-FSW-PA-DRDM-UNV-4/840	19227	153.4	125.3 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F54T5HO	*

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
4000 Lumens (Nominal)	GHL340-4HE-4L-FSW-PA-DRDM-UNV-4/840	3426	24.6	139.3 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
8000 Lumens (Nominal)	GHL340-8HE-4L-FSW-PA-DRDM-UNV-4/840	6413	47.2	136.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
12000 Lumens (Nominal)	GHL340-12HE-4L-FSW-PA-DRDM-UNV-4/840	9686	72.8	133.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F54T5HO 6x F32T8	*
16000 Lumens (Nominal)	GHL340-16HE-4L-FSW-PA-DRDM-UNV-4/840	12913	99.1	130.3 lm/W	-20°C / 35°C (-4°F / 95°F)	4x F54T5HO	*
20000 Lumens (Nominal)	GHL340-20HE-4L-FSW-PA-DRDM-UNV-4/840	16093	126.0	127.8 lm/W	-20°C / 35°C (-4°F / 95°F)	5x F54T5HO	*
24000 Lumens (Nominal)	GHL340-24HE-4L-FSW-PA-DRDM-UNV-4/840	19227	153.4	125.3 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F54T5HO	*

NOTE:
System data as of 10/21/24 (K-Boards).
Luminaire efficiency: 79.1%
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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