



RECESSED FHL340



4' WIDE HINGE AND LATCH FLANGED TROFFER

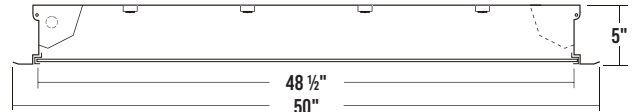
JOB	
TYPE	
DATE	

Recessed Flanged



Overall dimensions including flange: 50" x 50"
Required ceiling opening: 48 1/2" x 48 1/2"

CROSS SECTION

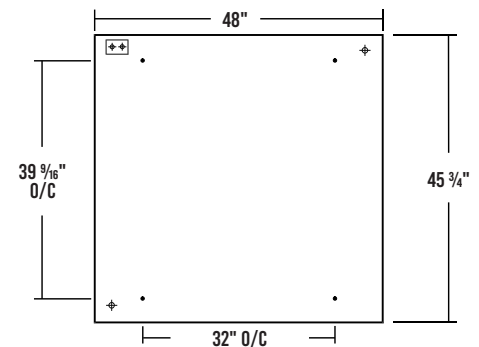


Access Plate

7/8" Offset KO

- 3/8" 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
- 18 gauge cold-rolled steel trim flange
- One-way polyurethane gasket

Finish

- Baked white polyester finish
- Minimum reflectance 86%
- Door frame and trim flange 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) $\leq 20\%$

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

FEATURES

- 0-10V dimming driver standard
- Supports California Title 24 compliance

OPTIONS

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



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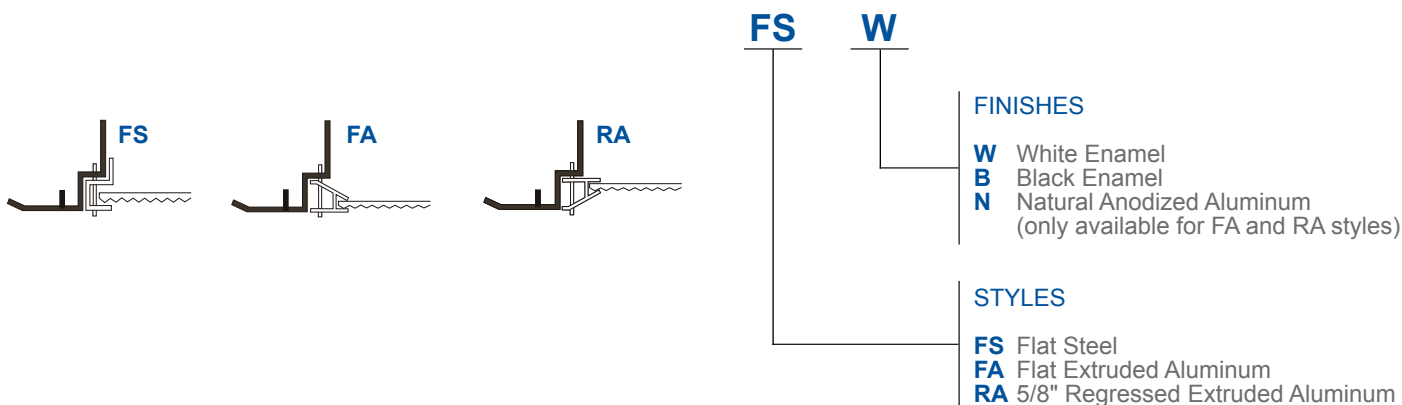


ORDERING INFORMATION: Additional Options Available. Visit www.lalighting.com/resources for more information

EXAMPLE: FHL340-8-4L-FSW-PA8(1PC)-BPL1.5-DRDM-UNV-4/840

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	DOOR FRAME	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
FHL340		4L							4	
FHL340 • 4' Wide Hinge and Latch Flanged 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'	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	UNV • 120V-277V	4 • Four LED Rows	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 90CRI Also available
Standard options for FHL340 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.										Contact customer service for additional CRI/CCT packages.

DOOR FRAME CROSS SECTION



OPTICAL OPTIONS

STANDARD LENSES FOR FHL340 - 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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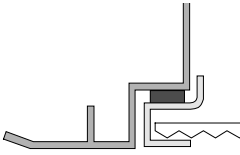
NEOPRENE GASKET

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



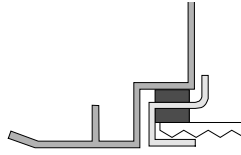
1-WAY

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



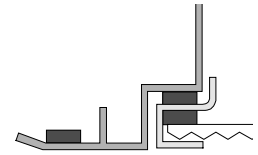
2-WAY

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



3-WAY

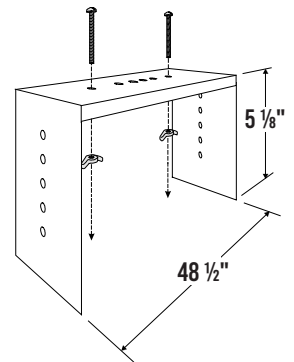
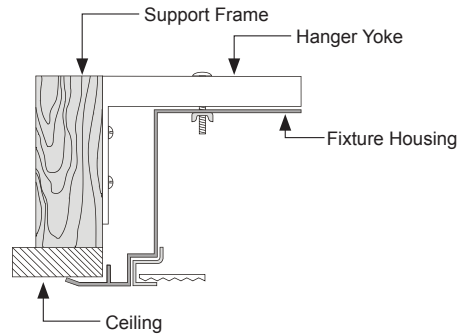
Additional gasket between housing and ceiling.
Only for FS style door frames.



MOUNTING HARDWARE

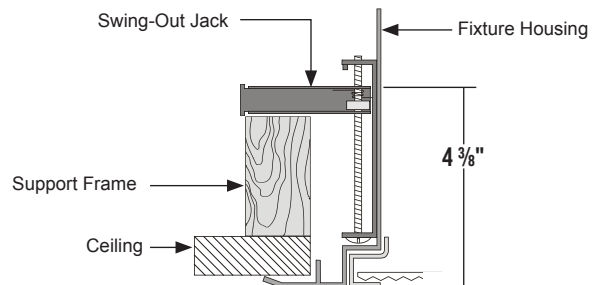
HANGER YOKES: HS-48_1/2

- Used to secure recessed flanged fixtures to support frame in hard ceilings
- Provided screws secure hanger yoke to fixture through knockouts in top of housing
- Two hanger yokes required for each 4' fixture.



SWING-OUT JACKS: SOJ

- Spring-loaded adjustable mounting brackets used to secure recessed flanged fixtures to support frame in hard ceilings
- Four swing-out jacks per set; 1 set required per fixture



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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)	FHL340-4-4L-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)	FHL340-8-4L-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)	FHL340-12-4L-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)	FHL340-16-4L-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)	FHL340-20-4L-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)	FHL340-24-4L-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)	FHL340-4HE-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)	FHL340-8HE-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)	FHL340-12HE-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)	FHL340-16HE-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)	FHL340-20HE-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)	FHL340-24HE-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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