



SURFACE MOUNT

MHL340

4' WIDE HINGE AND LATCH TROFFER

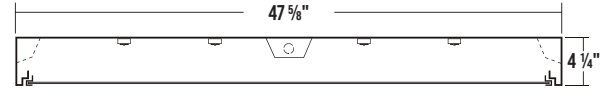


JOB	
TYPE	
DATE	

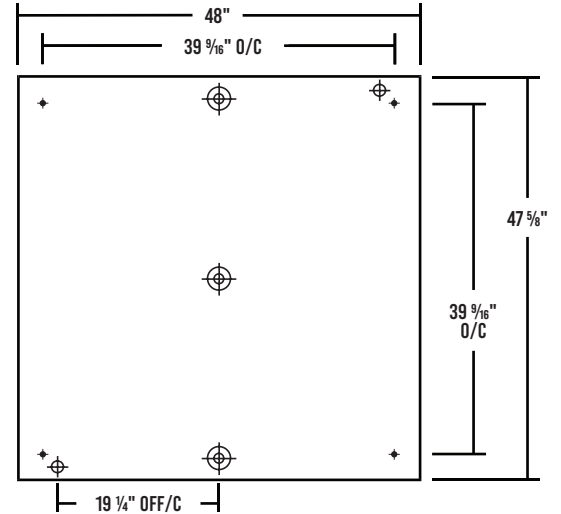
Surface / Suspension Mounted



CROSS SECTION



BACKPLATE



- 2" K.O.
- 7/8" OFFSET K.O.
- 11/16" MOUNTING K.O.

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 powder-coated finish
- Painted after fabrication
- Minimum reflectance 90%

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
- Tunable white (2700K – 6500K)
- Emergency battery pack
- Extruded aluminum door frame
- Neoprene gasket
- Customization available upon request



Los Angeles Lighting Mfg. Co.
 Contact Us
 T: 626-454-8300 10141 Olney Street
 F: 626-454-8399 El Monte, CA 91731
 www.lalighting.com Made in the USA



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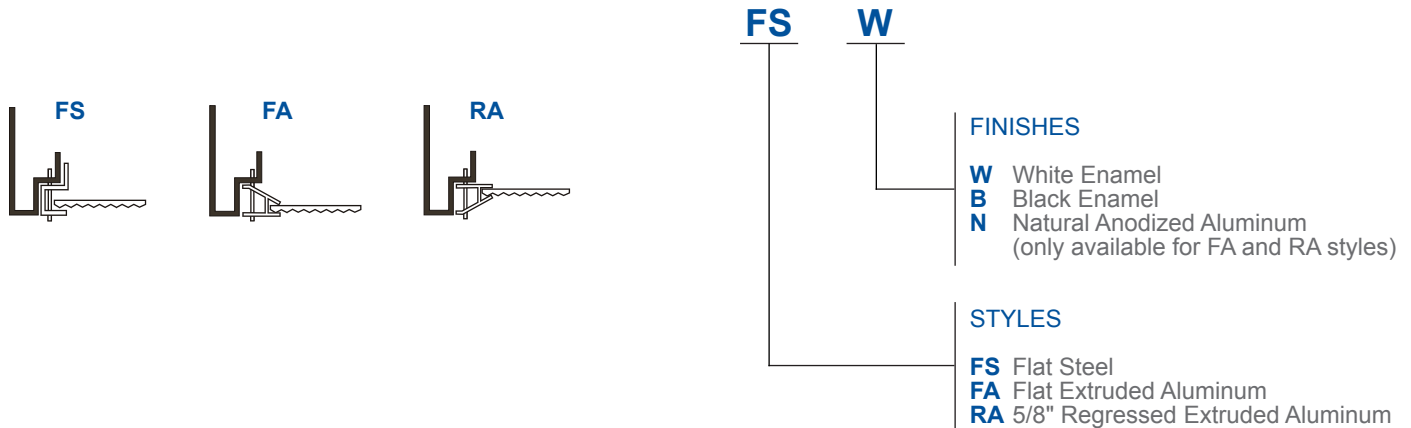
Revised: 11/06/24



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

EXAMPLE: MHL340-8-4L-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
MHL340		4L							4	
MHL340 • 4' Wide Hinge and Latch 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 MHL340 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 MHL340 - Contact Customer Service for lead times. Two-piece lenses require a center mullion.

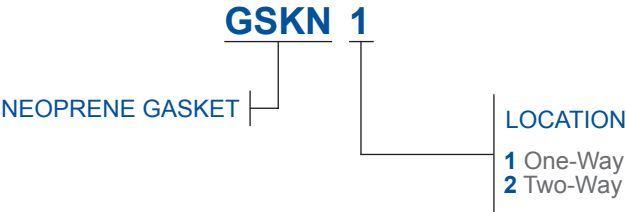
- CA2(1PC)** One-Piece Clear Acrylic, Nom. 0.125" OA Thickness
- FFA2(1PC)** One-Piece Flat Frosted Acrylic, Nom. 0.125" Thickness
- FFWA2(1PC)** One-Piece Flat Frosted White Acrylic, Nom. 0.125" Thickness
- PA8(1PC)** One-Piece Clear Prismatic Acrylic, Nom. 0.187" OA Thickness, Female Prisms 3/16" Square 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

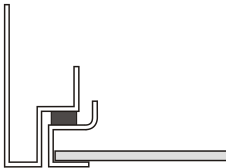
NEOPRENE GASKET

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



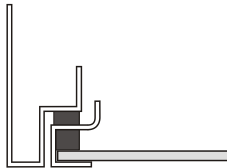
1-WAY

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.



MOUNTING HARDWARE

CANOPY / CABLE SUSPENSION SYSTEMS

Self-locking, one-step adjustable suspension devices with canopy

- 433B**
- Canopy with cable
 - No power cord
 - Cable length 48" and 96"
 - Max. Weight 196 lbs.

433B-48 W

- COLOR**
- W** - White
 - B** - Black

- CABLE LENGTH**
- 48** - 48 inches
 - 96** - 96 inches
- (other lengths as specified)



- 444F**
- Feed-in canopy with straight cord
 - Includes power cord
 - Cable length 48" and 96"
 - Max. Weight 196 lbs

444F-48W-2C

- # OF CIRCUITS**
- 2C** - Two circuits
 - LV** - 0-10V dimming
 - Blank** - One circuit

- COLOR**
- W** - White
 - B** - Black

- CABLE LENGTH**
- 48** - 48 inches
 - 96** - 96 inches
- (other lengths as specified)



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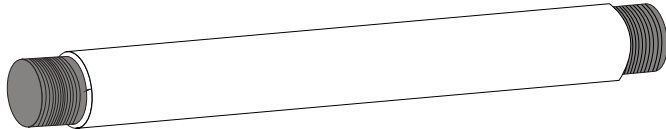
MOUNTING HARDWARE

THREADED MOUNTING STEMS

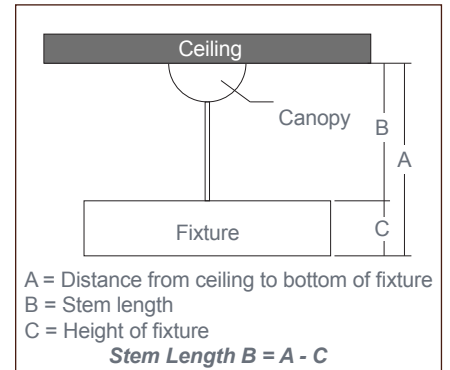
STEM

- 3/8" IPS, nominal OD 5/8"
 - Threaded 1" each end
 - 2 lock nuts provided per stem
 - Standard lengths: 6", 12", 18", 24", 30", 36", 48"
 - Baked white enamel finish
 - To order, specify length required after STEM.
- Example: **STEM12** for 12", **STEM24** for 24", etc.

Other lengths & finishes are available as specified



Stem Length Calculation



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)	MHL340-4-4L-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)	MHL340-8-4L-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)	MHL340-12-4L-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)	MHL340-16-4L-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)	MHL340-20-4L-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)	MHL340-24-4L-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)	MHL340-4HE-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)	MHL340-8HE-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)	MHL340-12HE-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)	MHL340-16HE-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)	MHL340-20HE-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)	MHL340-24HE-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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