SURFACE MOUNT LED
MHL306
6" WIDE HINGE AND LATCH TROFFER
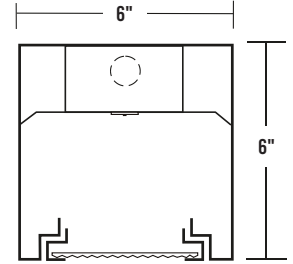
LA LIGHTING

JOB

TYPE

DATE

Surface-Mounted

CROSS SECTION
6"
6"
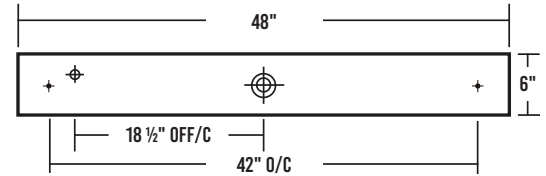
4' BACKPLATE
48"
6"
18 ½" OFF/C
42" O/C
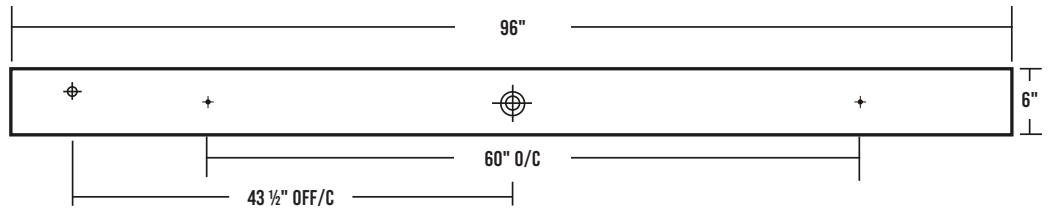
2" K.O.

7/8" OFFSET K.O.

11/16" MOUNTING K.O.

8' BACKPLATE
96"
6"
60" O/C
43 ½" OFF/C

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) ≤ 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

RoHS COMPLIANT

UL CERTIFIED

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

EXAMPLE: MHL306-4-4L-FSW-PA-BPL1.5-DRDM-UNV-1/840

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	DOOR FRAME	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
MHL306									**1**	
MHL306 • 6" Wide Hinge and Latch Troffer	**2** - 2000 lm **4** - 4000 lm **6** - 6000 lm **8** - 8000 lm **High Efficacy** **2HE** - 2000 lm **4HE** - 4000 lm **6HE** - 6000 lm **8HE** - 8000 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	**UNV** • 120V-277V	**1** • One LED Row	**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*
	4 - 4000 lm **8** - 8000 lm **12** - 12000 lm **16** - 16000 lm **High Efficacy** **4HE** - 4000 lm **8HE** - 8000 lm **12HE** - 12000 lm **16HE** - 16000 lm	**8L** • 8'								

Standard options for MHL306 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

FS

FA

RA

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
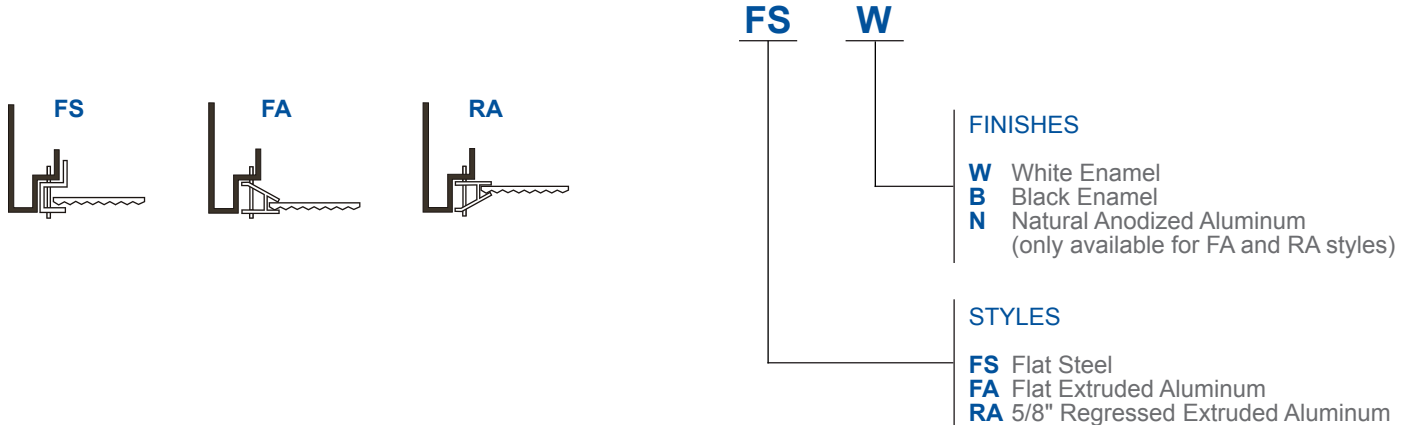
OPTICAL OPTIONS

STANDARD LENSES FOR MHL306

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
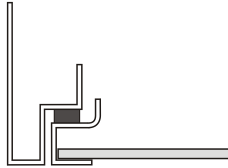
NEOPRENE GASKET

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

GSKN 1
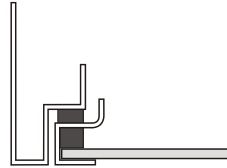
NEOPRENE GASKET

LOCATION

1 One-Way
2 Two-Way

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)

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

Ceiling

Canopy

Fixture

A = Distance from ceiling to bottom of fixture
B = Stem length
C = Height of fixture
Stem Length B = A - C

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)	MHL306-2-4L-FSW-PA-DRDM-UNV-1/840	1013	12.5	81.3 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
	4000 Lumens (Nominal)	MHL306-4-4L-FSW-PA-DRDM-UNV-1/840	1989	25.5	77.9 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
	6000 Lumens (Nominal)	MHL306-6-4L-FSW-PA-DRDM-UNV-1/840	2936	39.1	75.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
	8000 Lumens (Nominal)	MHL306-8-4L-FSW-PA-DRDM-UNV-1/840	3856	53.1	72.7 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x 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)	MHL306-2HE-4L-FSW-PA-DRDM-UNV-1/840	1030	12.4	83.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
	4000 Lumens (Nominal)	MHL306-4HE-4L-FSW-PA-DRDM-UNV-1/840	2027	24.9	81.3 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
	6000 Lumens (Nominal)	MHL306-6HE-4L-FSW-PA-DRDM-UNV-1/840	3009	37.8	79.7 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
	8000 Lumens (Nominal)	MHL306-8HE-4L-FSW-PA-DRDM-UNV-1/840	3978	50.9	78.1 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*

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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.
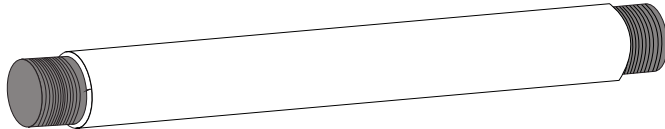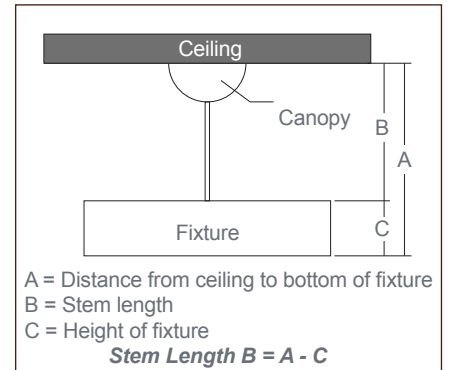**© 2024 LOS ANGELES LIGHTING MANUFACTURING CO. ALL RIGHTS RESERVED**   Revised: 11/04/24

MADE IN THE USA
BAA Compliant

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

Normal Temp

8' LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	MHL306-4-4L-FSW-PA-DRDM-UNV-1/840	2027	24.9	81.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F32T8	*
8000 Lumens (Nominal)	MHL306-8-4L-FSW-PA-DRDM-UNV-1/840	3978	50.9	78.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
12000 Lumens (Nominal)	MHL306-12-4L-FSW-PA-DRDM-UNV-1/840	5873	78.0	75.3 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F32T8 2x F96T8HO	*
16000 Lumens (Nominal)	MHL306-16-4L-FSW-PA-DRDM-UNV-1/840	7711	106.1	72.7 lm/W	-20°C / 35°C (-4°F / 95°F)	4x F54T5HO 8x F32T8	*

Normal Temp High Efficacy

8' 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)	MHL306-4HE-4L-FSW-PA-DRDM-UNV-1/840	2059	24.6	83.8 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F32T8	*
8000 Lumens (Nominal)	MHL306-8HE-4L-FSW-PA-DRDM-UNV-1/840	3855	47.2	81.7 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
12000 Lumens (Nominal)	MHL306-12HE-4L-FSW-PA-DRDM-UNV-1/840	5823	72.8	80.0 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F32T8 2x F96T8HO	*
16000 Lumens (Nominal)	MHL306-16HE-4L-FSW-PA-DRDM-UNV-1/840	7763	99.1	78.4 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*

NOTE:
System data as of 10/15/24 (K-Boards).
Luminaire efficiency: 47.5%
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.