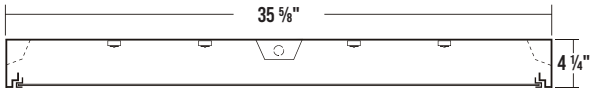
SURFACE MOUNT
MHL330
3' WIDE HINGE AND LATCH TROFFER

JOB	
TYPE	
DATE	

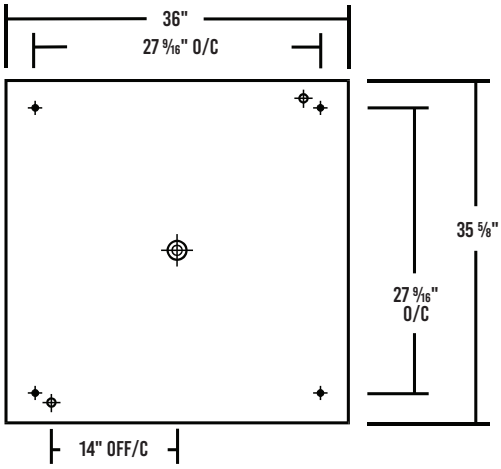
Surface / Suspension Mounted



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) ≤ 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

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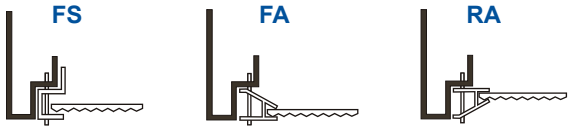
ORDERING INFORMATION: Additional Options Available. Visit www.lalighting.com/resources for more information

EXAMPLE: MHL330-6-3L-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
MHL330		**3L**							**4**	
MHL330 • 3' Wide Hinge and Latch Troffer	**3** - 3000 lm **6** - 6000 lm **9** - 9000 lm **12** - 12000 lm **18** - 18000 lm **24** - 24000 lm **48** - 48000 lm **High Efficacy** **3HE** - 3000 lm **6HE** - 6000 lm **9HE** - 9000 lm **12HE** - 12000 lm **18HE** - 18000 lm **24HE** - 24000 lm	**3L** • 3'	**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 **UCV** • 120V-347V **120V** • 120 Volt (For DR2W Driver Type) **347V** • 347 Volt **480V** • 480 Volt	**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 Requires DRDM2C driver **90CRI Also available**
Most common options for MHL330 shown above. For additional options, including lumen packages, controls, lenses, colors/finishes, cord & plug, switches, and more visit www.lalighting.com/resources or contact customer service.										Contact customer service for additional CRI/CCT packages.

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 MHL330 - 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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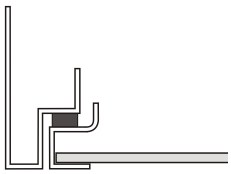
NEOPRENE GASKET

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

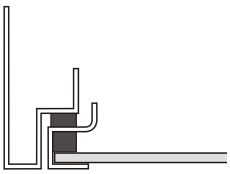
GSKN 1

- GSKN — NEOPRENE GASKET
- 1 — 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

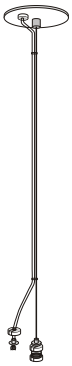
Self-locking, one-step adjustable suspension devices with canopy



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

433B-48 W

- 433B
- 48 — CABLE LENGTH
  - **48** - 48 inches
  - **96** - 96 inches
  - (other lengths as specified)
- W — COLOR
  - **W** -White
  - **B** - Black



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

444F-48W-2C

- 444F
- 48 — CABLE LENGTH
  - **48** - 48 inches
  - **96** - 96 inches
  - (other lengths as specified)
- W — COLOR
  - **W** - White
  - **B** - Black
- 2C — # OF CIRCUITS
  - **2C** - Two circuits
  - **LV** - 0-10V dimming
  - **Blank** - One circuit

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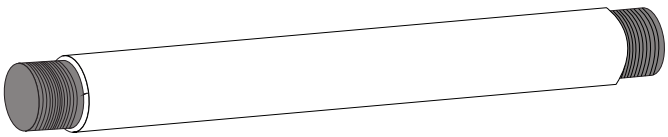
MOUNTING HARDWARE

THREADED MOUNTING STEMS

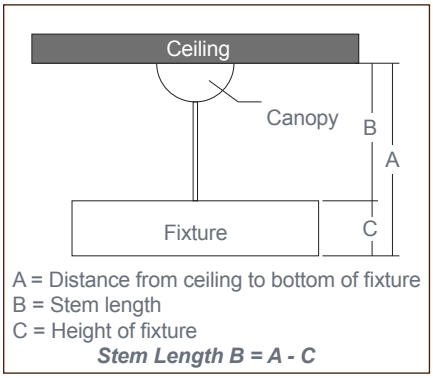
STEM

- 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



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

3' LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
3000 Lumens (Nominal)	MHL330-3-3L-FSW-PA-DRDM-UNV-4/840	2392	16.7	143.4 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F32T8	*
6000 Lumens (Nominal)	MHL330-6-3L-FSW-PA-DRDM-UNV-4/840	5034	36.3	138.8 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	LA-T4042b
9000 Lumens (Nominal)	MHL330-9-3L-FSW-PA-DRDM-UNV-4/840	7311	53.8	135.9 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F32T8	*
12000 Lumens (Nominal)	MHL330-12-3L-FSW-PA-DRDM-UNV-4/840	9561	71.6	133.6 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F54T5HO 6x F32T8	*
18000 Lumens (Nominal)	MHL330-18-3L-FSW-PA-DRDM-UNV-4/840	14276	111.1	128.5 lm/W	-20°C / 35°C (-4°F / 95°F)	5x F54T5HO	*
24000 Lumens (Nominal)	MHL330-24-3L-FSW-PA-DRDM-UNV-4/840	19152	154.6	123.9 lm/W	-20°C / 35°C (-4°F / 95°F)	12x F32T8	*
48000 Lumens (Nominal)	MHL330-48-3L-FSW-PA-DRDM-UNV-4/840	37957	284.8	133.3 lm/W	-20°C / 35°C (-4°F / 95°F)	12x F54T5HO	*

Normal Temp High Efficacy

3' LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
3000 Lumens (Nominal)	MHL330-3HE-3L-FSW-PA-DRDM-UNV-4/840	2353	16.6	141.8 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F32T8	*
6000 Lumens (Nominal)	MHL330-6HE-3L-FSW-PA-DRDM-UNV-4/840	4782	33.4	143.3 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
9000 Lumens (Nominal)	MHL330-9HE-3L-FSW-PA-DRDM-UNV-4/840	7104	50.4	141 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F32T8	*
12000 Lumens (Nominal)	MHL330-12HE-3L-FSW-PA-DRDM-UNV-4/840	9738	70.1	138.9 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F54T5HO 6x F32T8	*
18000 Lumens (Nominal)	MHL330-18HE-3L-FSW-PA-DRDM-UNV-4/840	14301	104.9	136.3 lm/W	-20°C / 35°C (-4°F / 95°F)	5x F54T5HO	*
24000 Lumens (Nominal)	MHL330-24HE-3L-FSW-PA-DRDM-UNV-4/840	19121	143.2	133.5 lm/W	-20°C / 35°C (-4°F / 95°F)	12x F32T8	*

NOTE:
System data as of 08/05/26 (K-Boards).
Luminaire efficiency: 78.7%
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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