

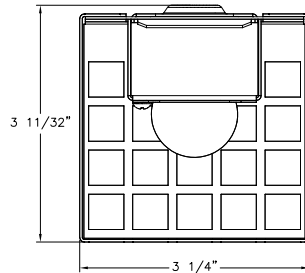
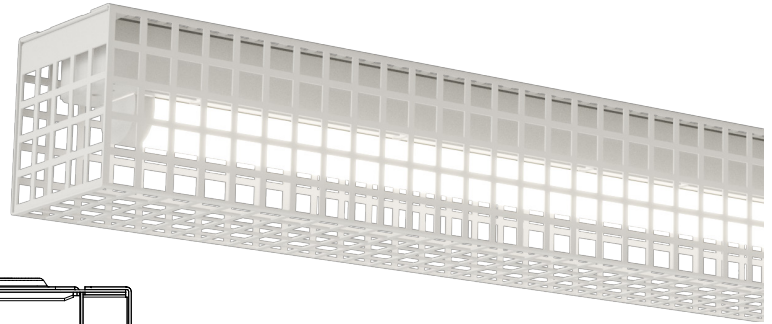


# Matrix Series | MTXL-DI-WM

Date		Notes
Project		
Type	Qty	

## Features

- ADA compliant wall luminaire.
- Unique design appropriate for any modern interior.
- Programmable driver for custom lumen packages.
- 0-10V dimming to 1% standard or Dim-to-Off.
- DMX, Lutron and DALI protocols also available.
- Declare** Red List Approved.



## Ordering Guide



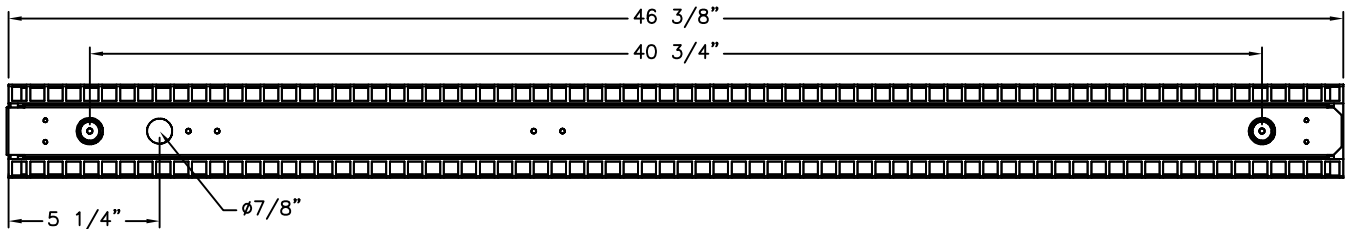
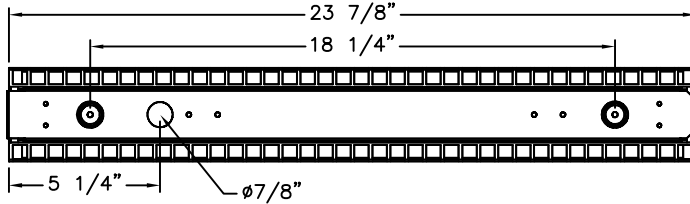
MODEL	OPTICS	LED	LUMENS <sup>1</sup>	LENGTH	MOUNTING <sup>2</sup>	FINISH	OPTIONS <sup>3</sup>
<b>MTXL-DI</b>	<b>FA</b>				<b>WM</b>		
MTXL-DI Direct/Indirect	FA = Frosted Acrylic	27 = 2700K 80CRI 30 = 3000K 80CRI 35 = 3500K 80CRI 40 = 4000K 80CRI 50 = 5000K 80CRI  90 CRI add *9" Ex: 940 = 4000K @ 90 CRI	<b>STD LUMENS</b>  LO = 525/ft (4.5W/ft, 116/LPW)  SO = 700/ft (6W/ft, 116LPW)  HO = 850/ft (7.5W/ft, 113LPW)	2 = 2 ft 4 = 4 ft	WM = Wall Mount	W = White  CC = Custom Color  AMW = Anti-Microbial White	<b>DIMMING DRIVERS</b> DIM10 = 0-10V (1%) Standard DTO = 0-10V (Dim-to-Off) DIMST = 0-10V Step Dimming 347 = 0-10V (347V) DIMSR = DALI Sensor Ready (5.0%) DALI = DALI (5.0%) DMX = DMX  <b>LUTRON™ DIMMING DRIVERS</b> LDE1 = Hi-Lume 1% EcoSystem LD2 = Digital 1% (DALI-2) L3DA3W = Hi-Lume 1% 3-Wire  <b>CONTROLS</b> CAS = Casambi Wireless Control  <b>EMERGENCY<sup>4</sup></b> EMC = Emergency Circuit GTD = Generator Transfer Device EPC4 = 4W Emergency Battery EPC6 = 6.5W Emergency Battery EPC10 = 10W Emergency Battery EPC12 = 12W Emergency Battery  <b>WIRING</b> FWH = Flexible Wiring Harness

<sup>1</sup>Lumens at 80CRI, 3500K, FA lens. Photometry page 2.  
<sup>2</sup>See page 2 for mounting option details.  
<sup>3</sup>Not all options are fixture-integral. Consult factory.  
<sup>4</sup>EPC6 is standard unless otherwise specified. EPC not for DMX drivers.  
**BAA** letter of compliance available at [www.dayolite.com](http://www.dayolite.com).

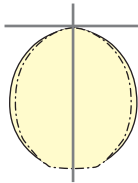
## Individual Fixtures

NOMINAL LENGTH	ACTUAL LENGTH	MOUNT O.C.
2'	23 7/8"	18 1/4"
4'	89"	40 3/4"

Individual fixtures are fully illuminated. Power feed location provided is a 7/8" knock-out as shown below. May be wall mounted horizontally or vertically, or to grid or plaster ceilings.



## Photometry



MTXL-DI-FA-40-**LO**-4

3500K CCT  
WATTS: 18  
LUMENS: 2396  
LPW: 116  
Distribution:  
80% Direct  
20% Indirect

MTXL-DI-FA-40-**SO**-4

3500K CCT  
WATTS: 24  
LUMENS: 3195  
LPW: 116  
Distribution:  
80% Direct  
20% Indirect

MTXL-DI-FA-40-**HO**-4

3500K CCT  
WATTS: 30  
LUMENS: 3995  
LPW: 113  
Distribution:  
80% Direct  
20% Indirect

## Specifications

**CONSTRUCTION** Extruded aluminum light engine housing. 20 gauge cold rolled steel internal components.

**REFLECTOR** Die-formed steel finished in highly reflective baked white enamel with pre-finished reflective LED tray.

**OPTICS** LED optimized Satin Ice (SI) acrylic regressed, opal acrylic flush (FL) and opal acrylic drop (DL) lenses are available.

**LED:** Static white LED modules in 27/30/35/40 & 50K CCT, 80/90CRI. Lumen maintenance minimum  $L_{70} = 50,000$  hours. 3 SDCM color consistency. BIOS SkyBlue, RGB, RGBW, RGBWW. Tunable White and Dim-to-Warm options available.

**DRIVERR** Standard driver is Class 2 AOC 0-10V to 1%, 120/277V input, PF > 90%, THD < 20 @ 120V. Additional dimming protocols available. Drivers prewired from factory for connection to control system (by others); field replaceable.

**MOUNTING:** Standard installation is wall mount with included mounting brackets and hardware. Requires single-gang j-box supplied by others.

**FINISH** Housing and components finished in baked white enamel.

**CERTIFICATION:** cETLus listed conforming to UL STD. 1598 and certified to CSA STD C22.2 NO. 250.0. Suitable for dry & damp locations. Union Made in the United States of America, I.B.E.W, ADA & BAA compliant, Declare Red List Approved.

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