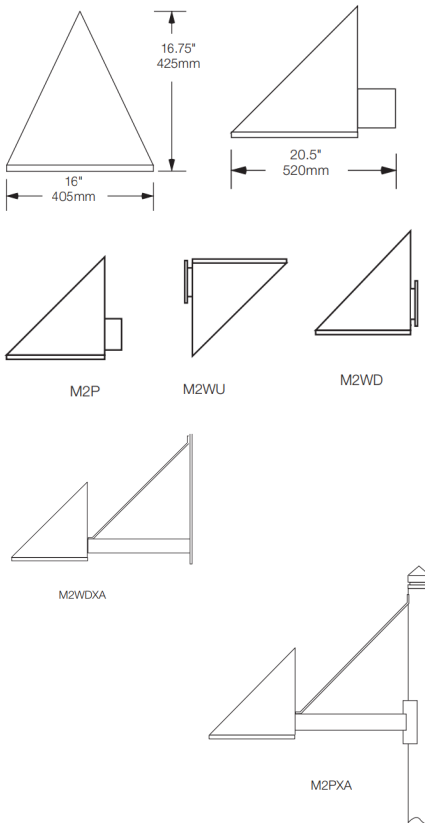


## MTRM SERIES LED WALL MOUNT



### DIMENSIONS



Made in the U.S.A. of the U.S. and imported parts.  
Meets Buy American requirements for ARRA.

### SPECIFICATIONS

#### HOUSING

- All housing and mounting components shall be cast aluminum 356 alloy and sealed with continuous silicone rubber gaskets.
- Standard configurations do not require a flat lens, optional lenses shall be tempered glass
- All internal and external hardware shall be stainless steel.
- Optical bezel finish shall match the luminaire housing.

#### OPTICAL

- Patent pending MicroCore™ LED modules shall independently aim each light emitting diode (LED) in both horizontal rotation and vertical tilt angle.
- LEDs shall be mounted to a metal printed circuit board assembly (PCBA) with a uniform conformal coating over the panel surface and electrical features.
- LED optics shall be clear injection molded PMMA acrylic.
- MicroCore™ PCBA and optic shall be sealed to a die-cast anodized aluminum heat sink with an injection molded silicone rubber gasket. IP66.
- Type 4 distribution with optional House Side Shield not available with clear or diffused glass lenses. Factory installed House Side Shield is optimized for Type 4 distribution and not recommended for use with Type 2 or 3 distribution and not available with type 5 distribution.

#### ELECTRICAL

- Luminaires shall have integral surge protection that shall be U.L. recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J.
- Drivers shall be U.L. recognized with an inrush current maximum of <20.0 Amps maximum at 230VAC.
- Drivers shall not be compatible with current sourcing dimmers, consult factory for current list of known compatible dimming systems, approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV.
- LifeShield™ shall be provided with all configurations for added protection in the event of abnormally excessive high ambient temperature conditions.
- SCP shall have an integral surge protection device with a current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J
- Sensor not intended for use with additional photo-control, wireless control or dimming systems.

#### SERVICING

- The lens frame shall swing down for service access by loosening two captive bolts.
- Driver and surge suppressor shall be mounted to a prewired tray with quick disconnects that may be removed from the gear compartment.

#### INSTALLATION AND MOUNTING (ARM MOUNTING)

- The cast arm shall be contoured to fit a four or five inch diameter pole.
- The wall mounting plate shall be cast aluminum and fully gasketed and shall require mounting hardware by others.

#### FINISH

- Luminaire finish shall consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish.
- Luminaire finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

#### CERTIFICATION

- Luminaire shall be listed with ETL for outdoor, wet location use, UL1598, UL 8750 and Canadian CSA Std. C22.2 no.250.

Project Name: \_\_\_\_\_

Date: \_\_\_\_\_

Location: \_\_\_\_\_

Notes: \_\_\_\_\_

# MTRM SERIES LED WALL MOUNT

## ORDERING INFORMATION SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE.

Refer to example below.

SERIES	MOUNTING	DISTRIBUTION	# OF LEDs	COLOR TEMPERATURE	DRIVE CURRENT	LUMINAIRE FINISH	OPTIONS
<b>MTRM</b>	<b>P</b> Pole mount, Specify 4" DIA, 5" DIA, or Square pole <b>PXA</b> Pole with extended arm <b>WU</b> Wall mounted uplight <b>WD</b> Wall mounted downlight <b>DXA</b> Wall mounted downlight with extended arm	<b>T2</b> Type II <b>T3</b> Type III <b>T4</b> Type IV <b>T5</b> Type V <b>TL</b> 45° Left output <b>TR</b> 45° Right output	<b>32</b> 32 LEDs	<b>3K</b> 3000K CCT, 70CRI <b>4K</b> 4000K CCT, 70CRI <b>5K</b> 5000K CCT, 70CRI	<b>700</b> 700mA, 75 watts <b>450</b> 450mA, 48 watts	<b>WH</b> Arctic White <b>BL</b> Black <b>BLT</b> Matte Black <b>DB</b> Dark Bronze <b>DGN</b> Dark Green <b>TT</b> Titanium <b>WDB</b> Weathered Bronze <b>MDB</b> Bronze Metallic <b>VBU</b> Verde Blue <b>CRT</b> Corten <b>MAL</b> Matte Aluminum <b>MG</b> Medium Grey <b>AGN</b> Antique Green <b>LG</b> Light Grey  <b>Premium Color</b> <b>SHK</b> Shamrock <b>SPP</b> Salt and Pepper <b>SFM</b> Seafoam <b>WCP</b> Weathered Copper <b>RAL</b> RAL 4 digit Color <b>CUSTOM</b> Custom Color	<b>HSS</b> House Side shield, T4 only. <b>LDL</b> Lightly Diused Lens <b>CLR</b> Clear at glass secondary lens, Not for MRT-MWU  <b>CONTROLS</b> <b>SCP</b> Sensor Control Programmable, pole accessory is available to provide occupancy detection for outdoor applications meeting California Title 24.
<b>ORDER:</b>							
<b>WLS-MTRM</b>			<b>32</b>				

Example: WLS-MTRM-PXA-T4-32-4K-700-DB-NA

## LUMINAIRE PERFORMANCE

Optical System	Secondary Lens or Shield	Distribution	Light Engine	Ordering Code												Drive Current (ma)	System Watts			
				3K			4K			5K										
				Delivered Lumens	Efficacy (lm/w)	Bug Rating B U G	Delivered Lumens	Efficacy (m/w)	Bug Rating B U G	Delivered Lumens	Efficacy (lm/w)	Bug Rating B U G								
MicroCore	No Lens (Standard)	TYPE 2	T2-32LED	4934	66	1	0	1	6202	83	2	0	2	6668	89	2	0	2	700	75
		TYPE 3	T3-32LED	4901	65	1	0	1	6159	82	2	0	2	6623	88	2	0	2		
		TYP3 4	T4-32LED	4937	66	1	0	2	6256	83	1	0	2	6701	89	1	0	2		
		TYP3 5	T5-32LED	4977	66	3	0	1	6254	83	3	0	1	6725	90	3	0	1		
		45° LEFT	TL-32LED	5023	67	1	0	2	6014	80	1	0	2	6609	88	1	0	2		
		45° RIGHT	TR-32LED	5023	67	1	0	2	6014	80	1	0	2	6609	88	1	0	2		
	House Side Shield	TYPE 4	T4-32LED -...-HSS	3724	50	0	0	2	4459	59	0	0	2	4900	65	0	0	2	450	49
	No Lens (Standard)	TYPE 2	T2-32LED	3158	64	1	0	1	3969	81	1	0	1	4268	87	1	0	1		
		TYPE 3	T3-32LED	3136	64	1	0	1	3942	80	1	0	1	4238	86	1	0	1		
		TYPE 4	T4-32LED	3160	64	0	0	1	4004	82	0	0	1	4289	88	0	0	1		
		TYPE 5	T5-32LED	3185	65	2	0	1	4002	82	2	0	1	4304	88	2	0	1		
		45° LEFT	TL-32LED	3215	66	0	0	1	3848	79	1	0	1	4230	86	1	0	2		
45° RIGHT	TR-32LED	3215	66	0	0	1	3849	79	1	0	1	4230	86	1	0	2				
House Side Shield	TYPE 4	T4-32LED -...-HSS	2383	49	0	0	1	2854	58	0	0	1	3136	64	0	0	1			



1919 Windsor Place  
Fort Worth, TX 76110  
800.622.8711

www.wslighting.com

Project Name: \_\_\_\_\_

Date: \_\_\_\_\_

Location: \_\_\_\_\_

Notes: \_\_\_\_\_

40 REV. 12/17

Specifications subject to change without notice.