

## MER WALL MOUNT LED MEDICAL GRADE



The **MER** LED wall mount medical grade luminaire is the perfect solution for the need of durable, aesthetically pleasing, high efficiency light fixtures. The MER utilizes a one piece housing design with your choice of lens. Anti-Microbial paint optional.

**ELECTRICAL SYSTEM:** 0-10V Dimming Driver included standard. Long-life LED system rated for >120K life hours (L70 @ 25°C). Complies with federal energy efficiency standards.

**OPTICAL SYSTEM:** Various choices of inner and outer lenses. If additional lens options are required, consult factory. A .125 Clear Polycarbonate lens is standard.

**FINISH:** The MER is TGIC polyester powder coated with 5-stage pre-treatment and salt spray tested: 1,000 hours; Reflectance: 92%. Anti-Microbial paint optional.

**HOUSING:** Various housing material options available. One-piece die-formed, seamless, door-less housing which provides for an aesthetically pleasing, long-lasting and durable luminaire.

**LED:** 80 CRI or 90 CRI LEDs available in 2700K, 3000K, 3500K, 4000K and 5000K. Life is >100,000 hours at 70% lumen maintenance.

**BACKPLATE:** Various backplate options available.

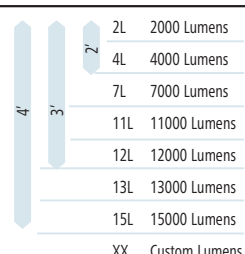
**LISTINGS:** Designed for damp locations. Wet location optional. ETL listed. BAA and BABA compliant.

**WARRANTY:** 5-Year Limited Warranty. Complete warranty and terms located at [www.aelnow.com/warranty](http://www.aelnow.com/warranty)

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## ORDERING INFORMATION

Example: MER-3-30-4L-50-50-B16-125p-B16-M-1-90

SERIES	SIZE	CCT	ILLUMINATION LEVEL	DOWN DISTRIBUTION	UP DISTRIBUTION	HOUSING
MER	2 2' 3 3' 4 4'	30 3000K 35 3500K 40 4000K 50 5000K	 2L 2000 Lumens 4L 4000 Lumens 7L 7000 Lumens 11L 11000 Lumens 12L 12000 Lumens 13L 13000 Lumens 15L 15000 Lumens XX Custom Lumens	X Custom (specify please)	X Custom (specify please)	B14 B14 Cold Roll Steel B16 B16 Cold Roll Steel B18 18 Gauge Cold Rolled Steel (Painted) B20 Cold Roll 20 Gauge Steel SH14 Stainless Steel 14 Gauge (Painted) SH16 Stainless Steel 16 Gauge (Painted) SH18 Stainless Steel 18 Gauge (Painted) SH20 Stainless Steel 20 Gauge (Painted) ALH .063" Aluminum

LENS	BACKPLATE	VOLTAGE	DRIVER	CIRCUITS
125P .125 Acrylic Polycarbonate 125C .125 Prismatic Acrylic CP25 .125 Prismatic Polycarbonate CP56 .156 Prismatic Polycarbonate CP87 .187 Prismatic Polycarbonate FA .125 Frosted Acrylic 375P .375 Clear Polycarbonate 500P .500 Clear Polycarbonate F1 .187 Clear Tempered Glass G1 .250 Clear Tempered Glass	B14 B14 Cold Roll Steel B16 B16 Cold Roll Steel B18 18 Gauge Cold Rolled Steel (Painted) B20 Cold Roll 20 Gauge Steel SH14 Stainless Steel 14 Gauge (Painted) SH16 Stainless Steel 16 Gauge (Painted) SH18 Stainless Steel 18 Gauge (Painted) SH20 Stainless Steel 20 Gauge (Painted) ALH .063" Aluminum	M Multi-Volt (120-277VAC)	BLANK* 0-10V Dimming Driver (included standard) CD1 0-10V 1% to off Dimming Driver CD5 0-10V 5% to off Dimming Driver EDN Electronic Driver Non-Dimming DALI % Dali Dimming Driver LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	1 1 Circuit 2 2 Circuits

## OPTIONS

14EBL	14 Watt Emergency Ballast
TP	Non-tamper Proof Fasteners (Phillips-head screws)
AH	Allen Head Screws With Center Reject
LN	LED Night Light. Consult Factory for Available Colors & Temperatures
FZ	Fuse Holder
90	90 CRI
FLH	Full Length Internal Hinge
CL/R*	Convenience Outlet (L = Left, R = Right)
GFOL/R*	Ground Fault Outlet (L = Left, R = Right)
RSL/R*	Recessed Push Switch (L = Left, R = Right)
SEL/R*	Speaker Hsg Extension (L = Left, R = Right)
TSL/R*	Touch Control Switch (L = Left, R = Right)
VDO	Lutron Vive integral fixture controller (RF with daylight and occupancy sensing)
WL	Wet Location

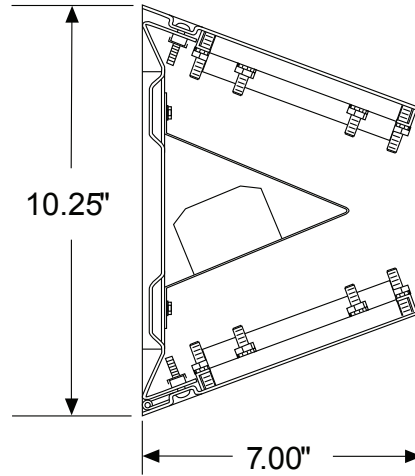
## ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	12.5 - 93.8 WATTS*
DELIVERED LUMEN OUTPUT:	4000- 15000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	3000, 3500, 4000, 5000 KELVIN
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>100,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-30° TO 50° C

PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
2L	2000 LUMENS	12.5	>100K
4L	4000 LUMENS	25.0	>100K
7L	7000 LUMENS	43.8	>100K
11L	11000 LUMENS	68.8	>100K
12L	12000 LUMENS	75.0	>100K
13L	12000 LUMENS	81.3	>100K
15L	15000 LUMENS	93.8	>100K

\*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

## DIMENSIONS



## MOUNTING DIMENSIONS

