

MER WALL MOUNT LED MEDICAL GRADE

MEDICO



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.

LISTINGS: UL listed for damp locations. Wet location optional (IP 65).

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.

WARRANTY: 5-Year Limited Warranty. Complete warranty and terms located at www.aelnow.com/warranty

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ORDERING INFORMATION

Example: MER2-30-4L-50/50-125C-250P-SH14-SH14-CD1-M

SERIES	CCT	ILLUMINATION LEVEL	UP/DOWN DISTRIBUTION	LENS	HOUSING
MER2 2'	30 3000K	4L 4000 Lumens	0/100 0% Up/100% Down	125C .125 Pris. Acrylic	B12 Cold Roll 12 Gauge Steel B12 Cold Roll 12 Gauge Steel
MER4 4'	35 3500K	7L 7000 Lumens	10/90 10% Up/90% Down	CP25 .125 Pris. Poly.	B14 B14 Cold Roll 14 Gauge Steel B14 Cold Roll 14 Gauge Steel
	40 4000K	11L 11000 Lumens	20/80 20% Up/80% Down	CP56 .156 Pris. Poly.	B16 B16 Cold Roll 16 Gauge Steel B16 Cold Roll 16 Gauge Steel
	50 5000K	12L 12000 Lumens	30/70 30% Up/70% Down	CP87 .187 Pris. Poly.	B18 18 Gauge Cold Rolled Steel (Painted)
		13L 13000 Lumens	40/60 40% Up/60% Down	TG .156 Pris. Temp. Glass	B20 Cold Roll 20 Gauge Steel
		15L 15000 Lumens	50/50 50% Up/50% Down	FA .125 Frosted Acrylic	SH14 Stainless Steel 14 Gauge (Painted)
			60/40 60% Up/40% Down		SH16 Stainless Steel 16 Gauge (Painted)
			70/30 70% Up/30% Down		SH18 Stainless Steel 18 Gauge (Painted)
			80/20 80% Up/20% Down		SH20 Stainless Steel 20 Gauge (Painted)
			90/10 90% Up/10% Down		SH14B Stainless Steel 14 Gauge (Brushed)
			100/0 100% Up/0% Down		SH16B Stainless Steel 16 Gauge (Brushed)
					ALH .063" Aluminum

BACKPLATE	DRIVER	VOLTAGE	OPTIONS
B12 Cold Roll 12 Gauge Steel B12 Cold Roll 12 Gauge Steel	BLANK* 0-10V Dimming Driver (included standard)	M Multi-Volt (120-277VAC)	12EBL 1200 Lumen Emergency Ballast
B14 B14 Cold Roll 14 Gauge Steel B14 Cold Roll 14 Gauge Steel	CD1 0-10V 1% to off Dimming Driver		TP Non-tamper Proof Fasteners (Phillips-head screws)
B16 B16 Cold Roll 16 Gauge Steel B16 Cold Roll 16 Gauge Steel	CD5 0-10V 5% to off Dimming Driver		AH Allen Head Screws With Center Reject
B18 18 Gauge Cold Rolled Steel (Painted)	EDN Electronic Driver Non-Dimming		LN LED Night Light. Consult Factory for Available Colors & Temperatures
B20 Cold Roll 20 Gauge Steel	FLDD Fifth Light Dali, Dimming		FZ Fuse Holder
SH14 Stainless Steel 14 Gauge (Painted)	LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology		90 90 CRI
SH16 Stainless Steel 16 Gauge (Painted)	PSQO2U Lutron T-Series 1% 2-Channel Tuneable White		FLH Full Length Internal Hinge
SH18 Stainless Steel 18 Gauge (Painted)			RT Removable Gear Tray
SH20 Stainless Steel 20 Gauge (Painted)			CL/R* Convenience Outlet (L = Left, R = Right)
ALH .063" Aluminum			GFO/L/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 (IP 65)

* = please choose either L for LEFT or R for RIGHT to choose what side of the fixture you would like the adder to be on.

ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	27.7 - 104 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

APPROXIMATE COLOR TEMPERATURE MULTIPLIER

5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

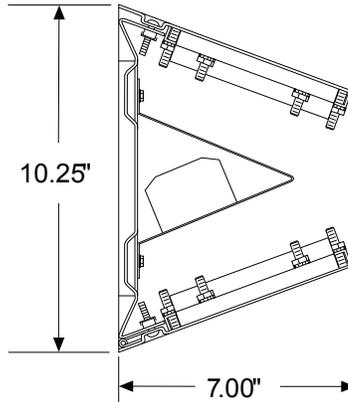
PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4L	4000 LUMENS	27.7	>100K
7L	7000 LUMENS	48.5	>100K
11L	11000 LUMENS	76.1	>100K
12L	12000 LUME	83.2	>100K
13L	13000 LUMENS	90.1	>100K
15L	15000 LUMENS	104	>100K

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

MER

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DIMENSIONS



MOUNTING DIMENSIONS

