



CATALOG #:
PROJECT:
TYPE:

MEL WALL MOUNT LED MEDICAL GRADE



The **MEL** LED wall mount is a durable direct/indirect behavioral healthcare fixture. The MEL utilizes one piece clamshell housing with various inner and outer lens options to provide for a stylish and efficient fixture, while providing tamper and impact resistance. Utilizing the latest in LED technology, the MEL was engineered to be a durable, long lasting, high efficiency fixture. Ideal for use in any behavioral healthcare facility area.

HOUSING: Clamshell design combines die-formed 18 gauge steel body with continuous welded and ground ends to form a one-piece, seamless, doorless housing. This housing is designed to be durable and long-lasting to meet the needs of healthcare lighting. Ligature resistant design with sloped edges. Tamper-proof fasteners. Aluminum housing is also available.

BACKPLATE: Die-formed heavy gauge steel backplate.

ELECTRICAL SYSTEM: 0-10V 1% Dimming Drivers included standard. Long-life LED system rated for >100K 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: High gloss, electrostatically applied, white powder coat finish, average minimum reflectance 92%. Anti-microbial paint optional.

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

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

Ordering Information on Next Page

ORDERING INFORMATION

Example: MEL-30-7L-30-14L-4L-PA125-125P-B18-M-2-NTP

SERIES	SIZE	CCT UP	OUTPUT UP	CCT DOWN	OUTPUT DOWN	INNER LENS
MEL	2 2' 3 3' 4 4'	30 3000K 35 3500K 40 4000K 50 5000K	 2L 2000 Lumens 3L 3000 Lumens 4L 4000 Lumens 5L 5000 Lumens 6L 6000 Lumens 7L 7000 Lumens 8L 8000 Lumens 9L 9000 Lumens 10L 10000 Lumens 12L 12000 Lumens 14L 14000 Lumens XXXL Custom Lumens	30 3000K 35 3500K 40 4000K 50 5000K	 2L 2000 Lumens 3L 3000 Lumens 4L 4000 Lumens 5L 5000 Lumens 6L 6000 Lumens 7L 7000 Lumens 8L 8000 Lumens 9L 9000 Lumens 10L 10000 Lumens 12L 12000 Lumens 14L 14000 Lumens XXXL Custom Lumens	PA125 .125 Prismatic Acrylic PA156 .156 Prismatic Acrylic PP125 .125 Prismatic Polycarbonate PP156 .156 Prismatic Polycarbonate PP187 .187 Prismatic Polycarbonate FA .125 Frosted Acrylic

OUTER LENS	HOUSING	DRIVER	VOLTAGE	CIRCUITS	OPTIONS
125P .125 Clear Polycarbonate 187P .187 Clear Polycarbonate 250P .250 Clear Polycarbonate	B18 18 Gauge Cold Rolled Steel SHP18 18 Gauge Stainless Steel (Painted 304) SHP186 18 Gauge Stainless Steel (Painted 316) SHB18 18 Gauge Stainless Steel (Brushed 304) SHB186 18 Gauge Stainless Steel (Brushed 316) ALH .063" Aluminum	BLANK 0-10V Dimming Driver (included standard) CD5 0-10V 5% to Off Dimming Driver EDN Electronic Driver Non-Dimming FLDD Fifth Light Dalj, Dimming LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	M Multi-Volt (120-277VAC)	1 1 Circuit 2 2 Circuits	14EBL 14 Watt Emergency Ballast AM Anti-microbial Paint NTP Non-Tamper Proof Fasteners LN LED Night Light* FZ Fuze Holder 90 90 CRI WL Wet Location (IP 65 rated) VDO Lutron Vive Integral Fixture Control (RF with Daylight and Occupancy Sensing)

*night light is standard at 3000K CCT and 500 lumens

ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	13.8 - 97 WATTS*
DELIVERED LUMEN OUTPUT:	2000 - 14000 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

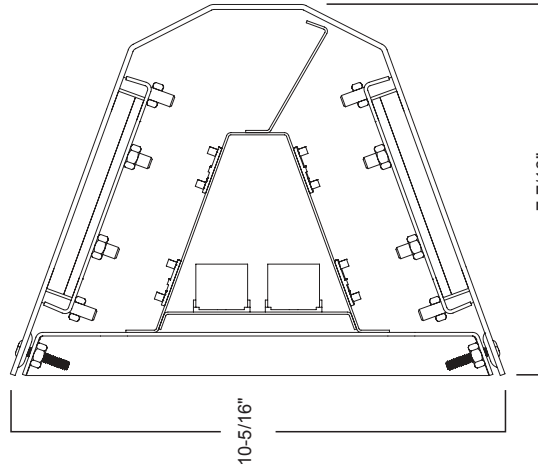
APPROXIMATE COLOR TEMPERATURE MULTIPLIER

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

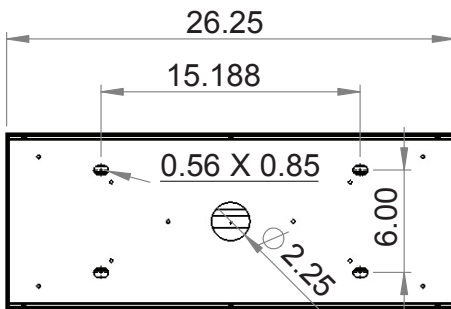
PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
2L	2000 LUMENS	13.8	>100K
3L	3000 LUMENS	20.7	>100K
4L	4000 LUMENS	27.7	>100K
5L	5000 LUMENS	34.6	>100K
6L	6000 LUMENS	41.5	>100K
7L	7000 LUMENS	48.5	>100K
8L	8000 LUMENS	56.2	>100K
9L	9000 LUMENS	62.3	>100K
10L	10000 LUMENS	69	>100K
12L	12000 LUMENS	83.2	>100K
14L	14000 LUMENS	97	>100K

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

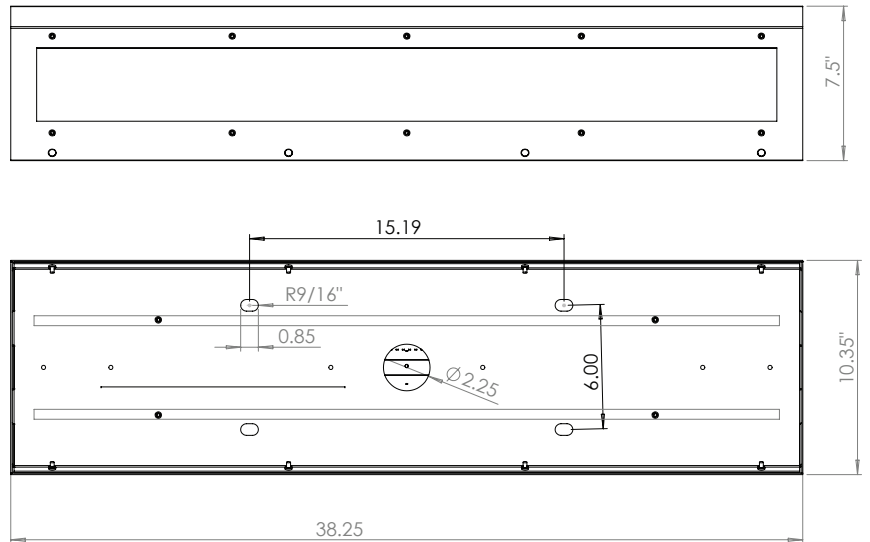
DIMENSIONS



MEL2



MEL3



MEL4

