



CATALOG #:

PROJECT:

TYPE:

METS

BEHAVIORAL
HEALTHCARE
LED



The **METS** provides a surface mounted supplemental lighting solution for Behavioral Healthcare facilities. METS is available in 1x4, 2x2, and 2x4 sizes. Driven by performance and a clean aesthetic, the METS is constructed from premium materials with industry leading technology.

CONSTRUCTION: Housing formed from prime grade specified cold rolled steel, aluminum option available. Door made from one-piece die-formed specified material, door-frame attached to housing by two aircraft cables. Closed cell neoprene gasket seals door to housing. T25 Torx head with center pin hardened security screws standard, Allen head screws with center pin optional.

ELECTRICAL SYSTEM: Electronic, standard 0-10V, 1% dimming driver. Long-life LED system rated for >100K hours (L70 @ 50°C). Complies with federal energy efficiency standards. 80 CRI or 90 CRI LEDs available in 2700K, 3000K, 3500K, 4000K and 5000K.

FINISH: White TGIC polyester polymer powder coat 5-stage pre-treatment finish with a minimum 93% reflectivity. Salt spray test: 1,000 hours. Antimicrobial finish optional.

OPTICAL SYSTEM: Extruded high-efficiency frosted DR acrylic inner diffuser. Impact-resistant clear polycarbonate outer lens. A .125 Clear Polycarbonate lens is standard.

MOUNTING: Surface mount includes four .312" diameter holes. Grid mount lays into standard grid sizes. Flange mount includes adjustable 90° swing arm system, unless plaster frame & yoke option is selected.

LISTINGS: NSF = NSF2 listed (Non-Food, Splash Zone). IP65 rating, ETL listed for wet locations under covered ceiling.

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

Ordering Information on Next Page

ORDERING INFORMATION

Example: METS-22-40-12L-S-B18-B18-187P-M

SERIES	SIZE	CCT	ILLUMINATION LEVEL	HOUSING MATERIAL	DOOR MATERIAL
METS	14 1x4 22 2x4 24 4x4	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	 4L 4000 Lumens (Standard Low) 7L 7000 Lumens (Medium Low) 11L 11000 Lumens (High Low) 12L 12000 Lumens (Standard Medium) 13L 13000 Lumens (Medium Medium) 15L 15000 Lumens (High Medium) 17L 17000 Lumens (High) 20L 20000 Lumens (Medium High) 25L 25000 Lumens (High High) XX Custom Lumens	B20 20 Gauge Cold Roll Steel B18 18 Gauge Cold Roll Steel SH18 18 Gauge Stainless Steel (Polished 304) SH186 18 Gauge Stainless Steel (Polished 316) 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 (Painted)	B20 20 Gauge Cold Roll Steel B18 18 Gauge Cold Roll Steel SH18 18 Gauge Stainless Steel (Polished 304) SH186 18 Gauge Stainless Steel (Polished 316) 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 (Painted)

DOOR FRAME TYPE	OUTER LENS	DIFFUSER	VOLTAGE	DRIVER	OPTIONS
INS Inset Doorframe OVL Overlap Doorframe	187P .187" Clear Polycarbonate 250P .250" Clear Polycarbonate 375P .375" Clear Polycarbonate	FA Frosted Acrylic	M 120/277V	BLANK 0-10V 1% Dimming Driver (included standard) CD5 0-10V 5% to Off Dimming Driver EDN Electronic Driver Non-Dimming DALI 1% Dali Dimming Driver LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	14EBL 14 Watt Emergency Ballast AHS Allen Head Screws (center pin) AM Antimicrobial Paint FZ Fuse & Holder LN LED Night Light PF Plaster Frame & Yoke CB Cross Bar VDO Lutron Vive Integral Fixture Controller RF With Daylight and Occupancy Sensing LVC Low Voltage Controller with Dimming 90 90 CRI

ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	27.8 - 173.4 WATTS*
DELIVERED LUMEN OUTPUT:	4000 - 25000 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

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

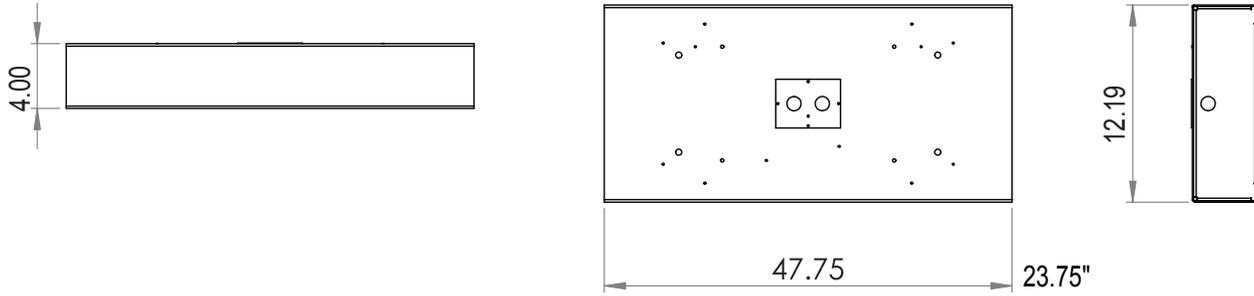
APPROXIMATE COLOR TEMPERATURE MULTIPLIER

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

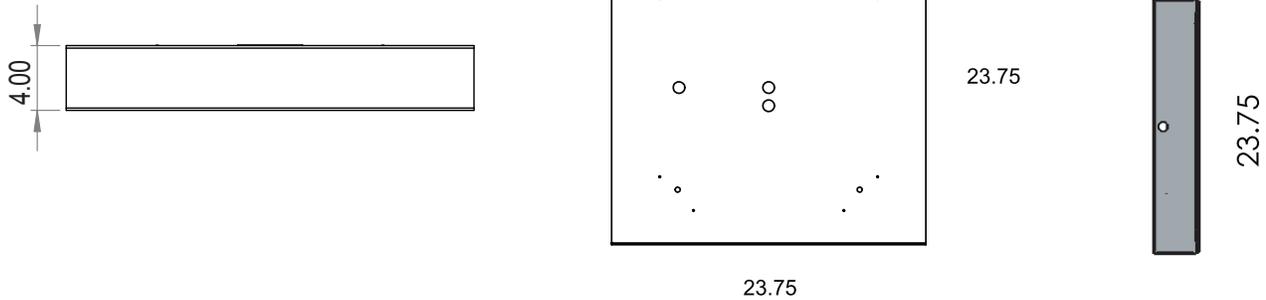
PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4L	4000 LUMENS	27.8	>100K
7L	7000 LUMENS	48.5	>100K
11L	11000 LUMENS	79.3	>100K
12L	12000 LUMENS	83.2	>100K
13L	13000 LUMENS	90.1	>100K
15L	15000 LUMENS	104	>100K
16L	16000 LUMENS	110.1	>100K
20L	20000 LUMENS	138.7	>100K
25L	25000 LUMENS	173.4	>100K

DIMENSIONS

1X4



2X2



2X4

