

METR

BEHAVIORAL
HEALTHCARE
LED



ROUNDED LENS PROFILE

The **METR** provides a supplemental lighting solution for Behavioral Healthcare facilities with a rounded profile lens. METR is available in 1x4, 2x2, and 2x4 sizes. Driven by performance and a clean aesthetic, the METR 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 silicone gasket seals door to housing. 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: 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). Wet location available as an option (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.

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ORDERING INFORMATION

Example: METR-22-30-11L-G-B14-B14-INS-187P-FA-M-90

SERIES	SIZE	CCT	ILLUMINATION LEVEL	MOUNTING	HOUSING MATERIAL	DOOR MATERIAL
METR	14 1x4	27 2700K	4L 4000 Lumens (Standard Low)	G Grid	B20 20 Gauge Cold Roll Steel	B20 20 Gauge Cold Roll Steel
	22 2x2	30 3000K	7L 7000 Lumens (Medium Low)	F Flange	B18 18 Gauge Cold Roll Steel	B18 18 Gauge Cold Roll Steel
	24 2x4	35 3500K	11L 11000 Lumens (High Low)	12L 12000 Lumens (Standard Medium)	SH18 18 Gauge Stainless Steel (Polished 304)	SH18 18 Gauge Stainless Steel (Polished 304)
		40 4000K	13L 13000 Lumens (Medium Medium)	15L 15000 Lumens (High Medium)	SH186 18 Gauge Stainless Steel (Polished 316)	SH186 18 Gauge Stainless Steel (Polished 316)
		50 5000K	17L 17000 Lumens (High)	20L 20000 Lumens (Medium High)	SHP18 18 Gauge Stainless Steel (Painted 304)	SHP18 18 Gauge Stainless Steel (Painted 304)
			25L 25000 Lumens (High High)	XX Custom Lumens	SHP186 18 Gauge Stainless Steel (Painted 316)	SHP186 18 Gauge Stainless Steel (Painted 316)
				SHB18 18 Gauge Stainless Steel (Brushed 304)	SHB18 18 Gauge Stainless Steel (Brushed 304)	
				SHB186 18 Gauge Stainless Steel (Brushed 316)	SHB186 18 Gauge Stainless Steel (Brushed 316)	
				ALH .063" Aluminum (Painted)	ALH .063" Aluminum (Painted)	

DOORFRAME TYPE	OUTER LENS	DIFFUSER	VOLTAGE	DRIVER	OPTIONS
INS Inset Doorframe	187P .187" Clear Polycarbonate	FA Frosted Acrylic	M 120/277V	BLANK 0-10V 1% Dimming Driver (included standard)	14EBL 14 Watt Emergency Ballast
OVL Overlap Doorframe	250P .250" Clear Polycarbonate			CD5 0-10V 5% to Off Dimming Driver	AHS Allen Head Screws (center pin)
	375P .375" Clear Polycarbonate			EDN Electronic Driver Non-Dimming	AM Antimicrobial Paint
				FLDD Fifth Light Dali, Dimming	FZ Fuse & Holder
				LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	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
					WL Wet Location (IP65)

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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:	2700, 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

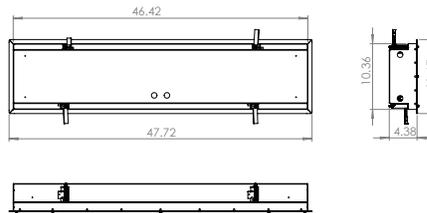
PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4L	4000 LUMENS	27.8	>100K
7L	7000 LUMENS	48.5	>100K
11L	11000 LUMENS	79.3	>100K
12L	12000 LUMENS	83.2	>100K
13L	13000 LUMENS	90.1	>100K
15L	15000 LUMENS	104	>100K
16L	16000 LUMENS	110.1	>100K
20L	20000 LUMENS	138.7	>100K
25L	25000 LUMENS	173.4	>100K

 **ROUGH IN SIZE LISTED BELOW.**
Please pay careful attention to these dimensions.

DIMENSIONS

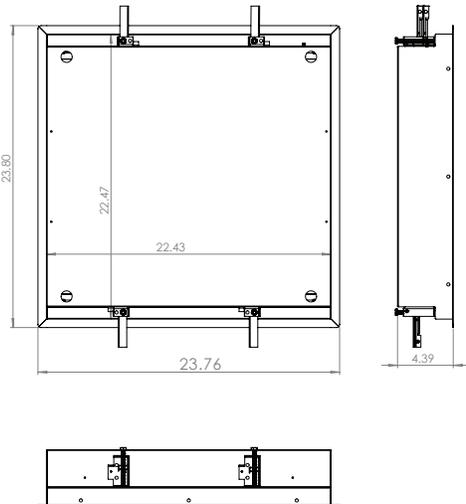
1x4

ROUGH IN SIZE TO BE 46 11/16" X 10 5/8"



2x2

ROUGH IN SIZE TO BE 22 5/8" X 22 5/8"



2x4

ROUGH IN SIZE TO BE 46 5/8" X 22 11/16"

