

Catalog Number
Project
Type

MEW

Recessed LED Luminaire for MRI and Imaging Suites



STANDARD



OPTIONAL



SPECIFICATIONS

DESCRIPTION

The MEW is an MRI and Imaging Suite ready LED fixture. Constructed with all non-ferrous metals and remote mounted driver.

ELECTRICAL SYSTEM

Remote mounted LED driver must be used. Ordered by separate part number. RF/EM2 filter required (supplied by others).

OPTICAL SYSTEM

Various lensing options available. If additional lens options are needed, consult with factory.

LISTINGS

UL Listed. NSF = NSF2 listed (Non-Food, Splash Zone). Wet location optional.

MOUNTING

Recessed grid and recessed flanged applications. Easy installation with adjustable 90° swing arm system standard. Universal mounting allows for both recessed flanged and recessed grid mounting.

CONSTRUCTION

Constructed of aluminum and all non-ferrous metals.

LED

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

WARRANTY

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

ORDERING INFORMATION

Example: MEW24-40-SL-SY-M

Series	CCT	Illumination Level	Lens	Voltage	Options
MEW14 1x4	27 2700K	SL Standard Low	PA19 .156" Prismatic Acrylic #19	M Multi-Volt	90 90 CRI
MEW22 2x2	30 3000K	ML Medium Low	PA125 .125" Prismatic Acrylic		AM Anti-Microbial White Paint
MEW24 2x4	35 3500K	HL High Low	PA156 .156" Prismatic Acrylic		WL Wet Location IP65
	40 4000K	SM Standard Medium	PA187 .187" Prismatic Acrylic		
	50 5000K	MM Medium Medium	PP125 Prismatic Inner with .125 Clear Polycarbonate Outer Lens		
		HM High Medium	SY Symmetric Diffused DR Acrylic		
		SH Standard High	125P .125" Clear Polycarbonate		
		MH Medium High	K19RF KSH-19 RFI Prismatic Acrylic		
		HH High High			

Remote Mounted Power Supply Ordering Information

SERIES	# OF FIXTURES PER DRIVER*	# OF DRIVERS	OPTIONS
MEW-P Fits up to 7 drivers	1 1 Fixture per Driver	D4 4 LED 1% Dimming Drivers	AM Anti-microbial White Paint
MEW-PX Fits up to 9 drivers	2 2 Fixtures per Driver	D5 5 LED 1% Dimming Drivers	
	X X Fixtures per Driver	D6 6 LED 1% Dimming Drivers	
		D7 7 LED 1% Dimming Drivers	
		D8 8 LED 1% Dimming Drivers	
		D9 9 LED 1% Dimming Drivers	

*Each driver can power up to 80W total.

LED SYSTEM DATA

Output	Delivered Lumens	System Wattage	L70 @20C (hrs)
SL	4650	33	>100K
ML	7974	57	>100K
HL	11150	80	>100K
SM	12040	86	>100K
MM	13016	93	>100K
HM	15728	112	>100K
SH	16500	118	>100K
MH	20000	143	>100K
HH	25000	179	>100K

Approximate Color Temperature Multiplier	
5000K	1.03
4000K	1
3500K	0.97
3000K	0.94
2700K	0.91

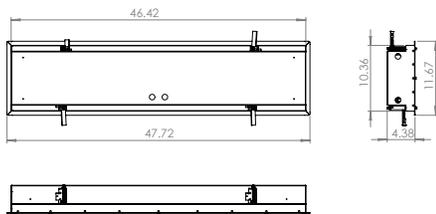
* Delivered Lumens shown were tested with 4000K LEDs



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

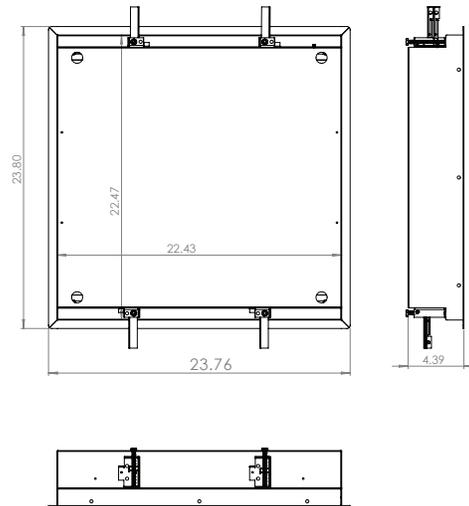
1x4

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



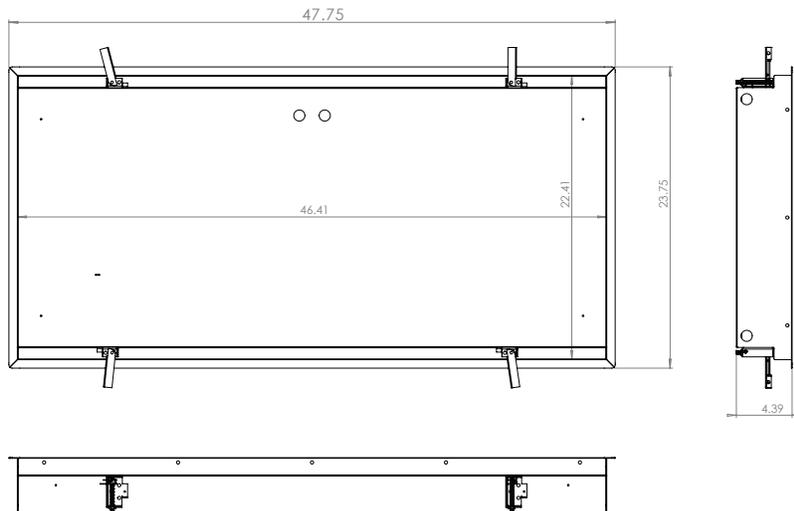
2x2

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



2x4

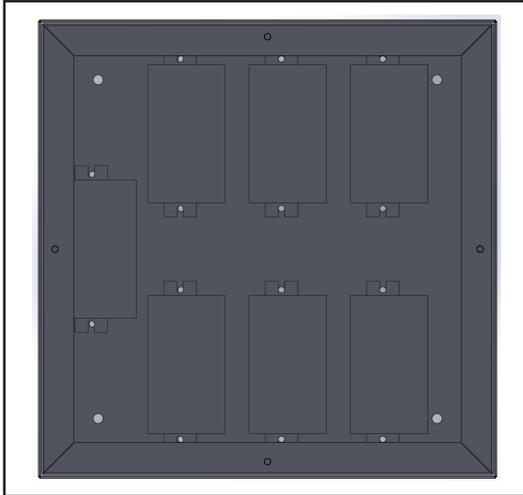
ROUGH IN SIZE TO BE 46 5/8" X 22 11/16"



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MEW-P

LED MRI Remote Power Supply



DESCRIPTION

The MEW-P is a remote mounted power supply designed to power the MEW MRI luminaire.

ELECTRICAL SYSTEM

Compatible with 0-10 volt dimming control, Dimmable down to 1%. Input : 120/277V 50/60 HZ. All power and dimming wiring must be completely shielder in grounded conduit. Min 18 AWG low voltage supply wire. Total run of wire (power supply to filter to fixture) should not exceed 50 feet.

MOUNTING

Remote mounted outside EMI shielded room.

HOUSING

20 gauge CRS housing with 20 gauge CRS top.

APPLICATION

Best used in medical facilities such as: MRI rooms, Laboratories, Psychiatric Ward's, Patient rooms, etc.

FINISH

White powder-coat finish following an iron phosphate pre-treatment (standard), anti-microbial white paint optional.

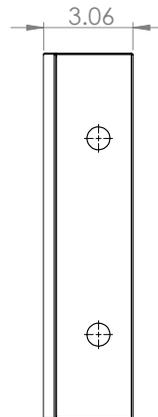
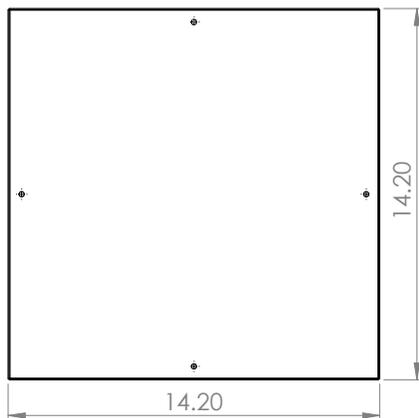
WARRANTY

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FIXTURE DIMENSIONS

MEW-P



MEW-PX

