

MEF244RMRI

LINEAR RECESSED FOR MRI AND IMAGING SUITES



DESCRIPTION: The MEF244RMRI is an aluminum body, recessed LED linear fixture designed for MRI and Imaging suites. This unit features a non-ferrous construction with remotely mounted power supply. EMI filter supplied by others unless specified. The MEF series provides clean lines smooth continuous runs and tight lens fitment. Available in continuous runs and custom angles and lengths (consult factory).

CONSTRUCTION: Constructed of a precision cut proprietary aluminum extrusion with flat end caps. Entirely non-ferrous construction. Available in 2x4 or 4x4 profile.

MOUNTING: Lay-in grid fixtures fit 9/16 and 15/16 standard T-grids. Flanged mounting and flangeless trim mounting options include innovative top mount bracket to support the fixture.

LEDS: High Output LEDs are available in 3500K, 4000K and 5000K color temperatures. Integral LEDs are rated for at least 100K life hours (L70).

OPTICS: Snap-in satin acrylic lens fully diffuses the appearance of the LEDs and provides excellent light transmission.

REMOTE MOUNT POWER SUPPLY: Remote mounted power supply ordered as separate line item. 0-10v dimming standard. EMI Filter required (supplied by others).

FINISH: Matte white finish standard. Custom finish options are available in various RAL colors. White screws are standard, with stainless steel screws as an option.

OPTIONS: Various options are available. If additional or custom options are needed consult factory.

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

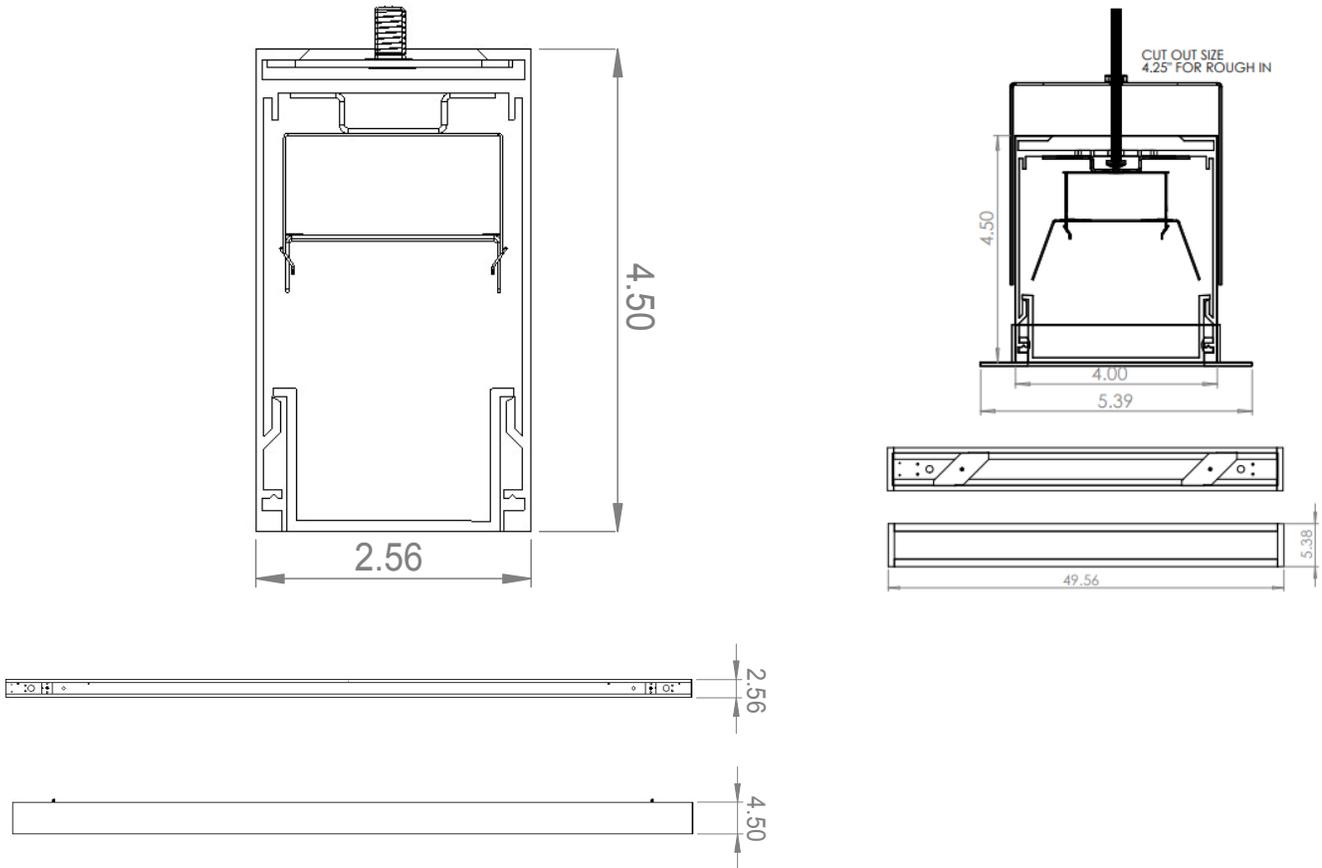
ORDERING INFORMATION. Example: MEF244RMRI-4-2W-2-35-5L-M-OPL-W-90

SERIES	PROFILE	LENGTH	CCT	OUTPUT	VOLTAGE	LENS	FINISH	OPTIONS
MEF244RMRI	2 2"x4"	2 2 ft.	35 3500K	5L 500 lm/ft	M Multi-Volt (120-277V)	OPL 0.125" thick Opal (Smooth)	W Matte White	AM Anti-Microbial White Paint
	4 4"x4"	4 4 ft.	40 4000K	7L 700 lm/ft				90 90 CRI
		8 8 ft.	50 5000K	10L 1000 lm/ft				90D 90 Degree Turn
		XX XX ft.		14L 1400 lm/ft				XXD XX Degree Turn (90 to 60 Degrees)
				XXXL XXX lm/ft				EMI EMI Filter Ready
						SS Stainless Steel Screws	MEO-P Remote Driver Enclosure (Specifications show on last page), Fits up to 7 drivers	
							MEO-PX Remote Driver Enclosure (Specifications show on last page), Fits up to 9 drivers	

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DIMENSIONS



LED Information

Output	5L	7L	10L	14L
Lumens/Ft*	500	700	1000	1400
System Wattage/Ft	3.125W	4.375W	6.25W	8.75W
Efficacy (Lm/W)	160	160	160	160
CRI	>82	>82	>82	>82
Dimming	0-10V	0-10V	0-10V	0-10V
Color Consistency	>3 SDCM	>3 SDCM	>3 SDCM	>3 SDCM
Rated Life (L70)	>100,000 hrs	>100,000 hrs	>100,000 hrs	>100,000 hrs

* Lumen output was calculated with 4000K LEDs.

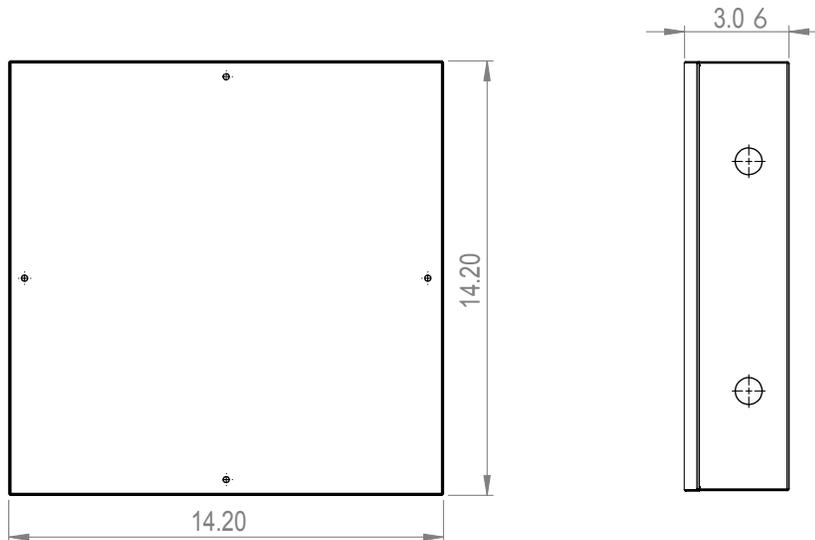
REMOTE POWER BOX

RPB6 (UP TO 6 DRIVERS)

RPB9 (UP TO 9 DRIVERS)



Electronic remote power supply provides power from outside the shielded MRI room, within the remote power supply enclosure.



1. Mount the remote mounted power supply outside the MRI room.
2. Each driver will have an individual quick-connect for ease of wiring.
3. Ensure that all power/dimming wiring is completely shielded in grounded conduit. Use a minimum of 18 AWG low voltage supply wire.
4. Connect wiring to the driver and run to the installed fixtures. Connect hot and neutral wires to the light fixtures quick connects.
5. Installation is complete.

REMOTE MOUNTED POWER SUPPLY Ordering Information

SERIES	# OF FIXTURES PER DRIVER	# OF DRIVERS	OPTIONS
RPB6 Fits up to 6 drivers	1 1 Fixture per Driver	D1 1 LED 1% Dimming Drivers	AM Anti-Microbial White Paint
RPB9 Fits up to 9 drivers	2 2 Fixtures per Driver	D2 2 LED 1% Dimming Drivers	
	3 3 Fixtures per Driver	D3 3 LED 1% Dimming Drivers	
	4 4 Fixtures per Driver	D4 4 LED 1% Dimming Drivers	
	X X Fixtures per Driver	D5 5 LED 1% Dimming Drivers	
		D6 6 LED 1% Dimming Drivers	
		D7 7 LED 1% Dimming Drivers	
		D8 8 LED 1% Dimming Drivers	
		D9 9 LED 1% Dimming Drivers	