

FPTMRI

RECESSED LUMINAIRE DESIGNED
FOR MRI AND IMAGING SUITES



The FPTMRI is a recessed luminaire designed for use in MRI rooms and imaging suites. Sleek design and non-ferrous construction make the fixture safe for use around MRI equipment.

CONSTRUCTION: Non-Ferrous aluminum construction. White powdercoat finish.

ELECTRICAL SYSTEM: Long-life LED system rated for >100K hours (L70 @ 45°C). Complies with federal energy efficiency standards. Remote mounted power supply available with up to 9 dimming drivers.

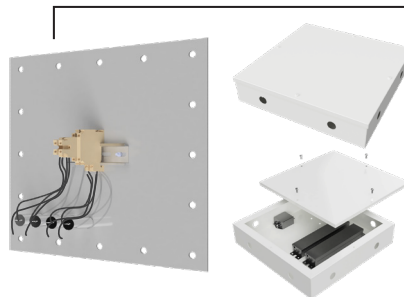
MOUNTING: Recessed Grid mounting.

LISTINGS: Design conforms to the basic requirements of NSF. ETL and cETL listed. Made in the USA. FCC Part 15 certified for EMI/RFI emissions.

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

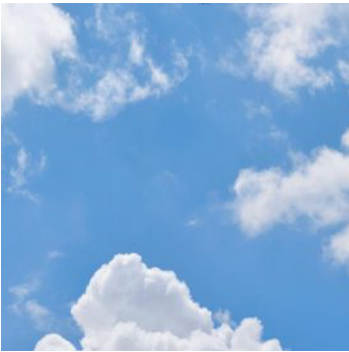
ORDERING INFORMATION Example: FPTMRI-22-40-4L-L42-S10-RPB6

SERIES	SIZE	CCT	OUTPUT	ORIENTATION 2X2	ORIENTATION 2X4	IMAGERY
FPTMRI	22 2x2 24 2x4	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K 65 6500K	2L 2000 Lumens 4L 4000 Lumens 6L 6000 Lumens 8L 8000 Lumens 10L 10000 Lumens 12L 12000 Lumens XX Custom Lumens	L22 ONE 2'X2' Landscape L42 TWO 2'X2's Landscape L44 FOUR 2'X2's Landscape L46 SIX 2'X2's Landscape L66 NINE 2'X2's Landscape P42 TWO 2'X2' Portrait P64 SIX 2'X2's Portrait See last page for orientation diagrams	R24 ONE 2'X4' Landscape R44 TWO 2'X4's Landscape R48 FOUR 2'X4's Landscape XX Custom Orientation (consult factory) See last page for orientation diagrams	Blank White panel (standard) S10 Blue sky and clouds S14 Blue sky and clouds S17 Blue sky and clouds SB Blue sky and clouds DS Desert Sky TS Tropical Sky AS Aspens and Sky See next pages for images



**NEW RF/EMI SOLUTION FOR
MRI SUITES AND OUR REMOTE
POWER BOX OPTIONS CAN BE
FOUND ON PAGES 5-8**

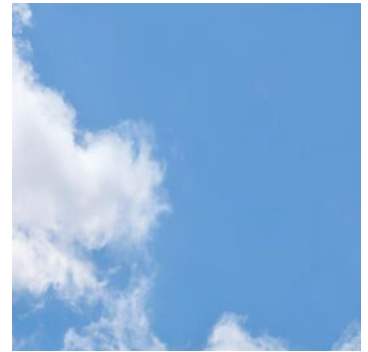
STANDARD SCENIC IMAGES



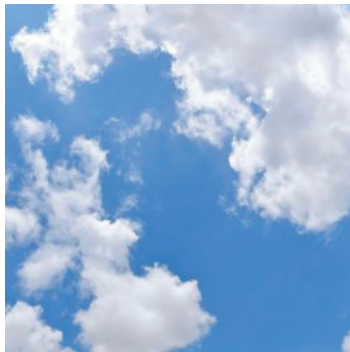
S10 Blue sky and clouds



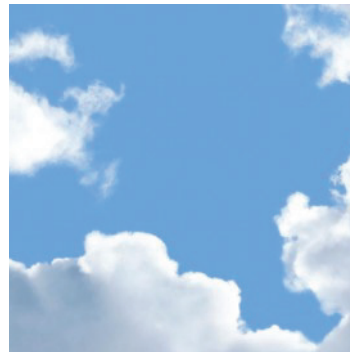
S14 Blue sky and clouds



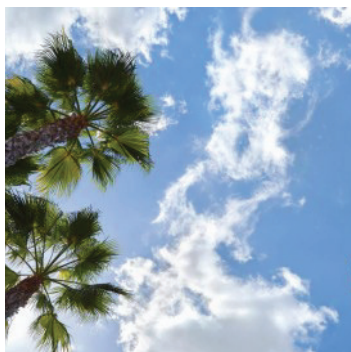
S17 Blue sky and clouds



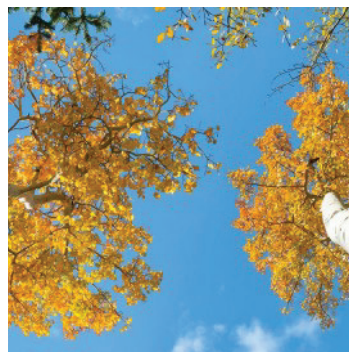
SB Blue sky and clouds



DS Desert sky



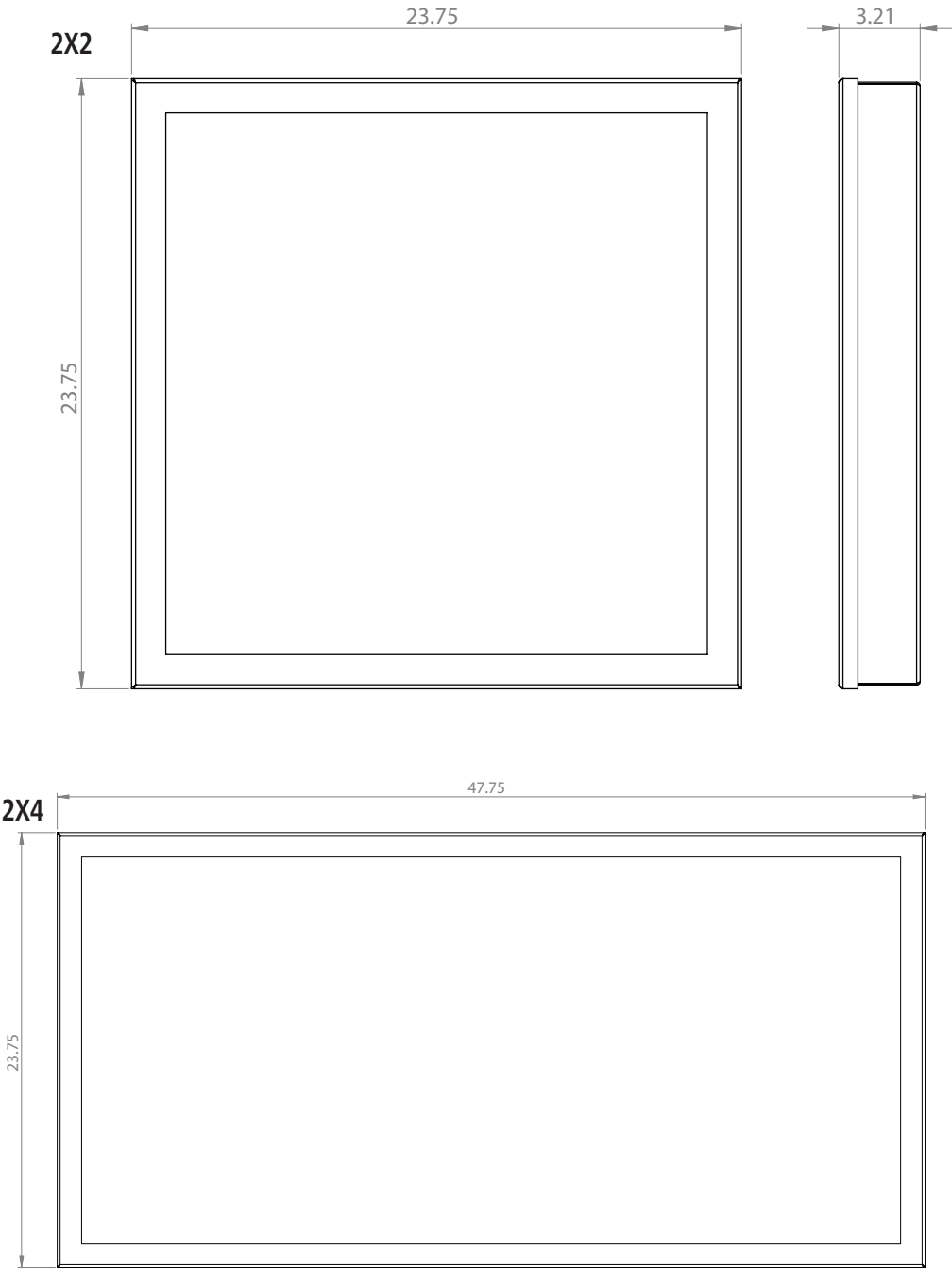
TS Tropical sky



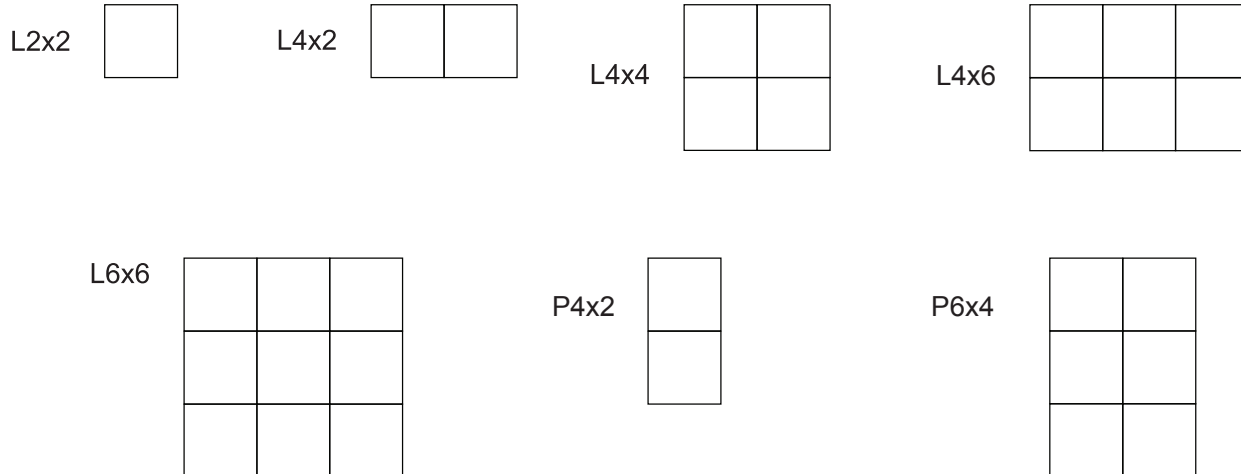
AS Aspens and sky

Ask about custom images available.

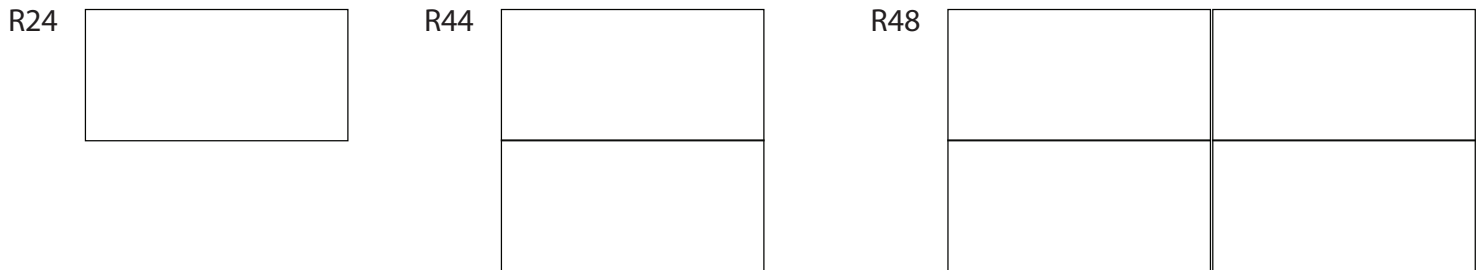
FIXTURE DIMENSIONS



ORIENTATION 2x2s



ORIENTATION 2x4s



ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
POWER CONSUMPTION:	30 OR 40 WATTS*
DELIVERED LUMEN OUTPUT:	3750-5000
STANDARD DIMMING CONTROL:	0-10V
CCT:	6500K
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>120,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-30° TO 50° C

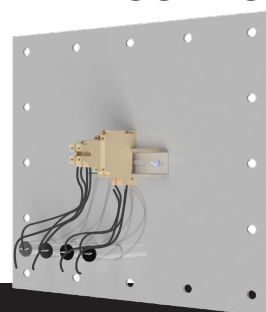
*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

RPB

REMOTE POWER BOX



NEW RF/EMI SOLUTION FOR MRI SUITES



SEE THE FOLLOWING PAGES
FOR OUR NEW MRIFX
RF/EMI FILTER PANEL

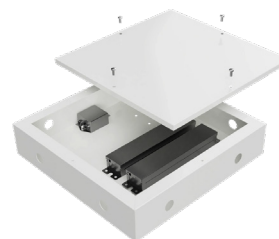
Electronic remote power supply provides power from outside the shielded MRI room, within the remote power supply enclosure.

MOUNTING INSTRUCTIONS

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.

Ordering Information

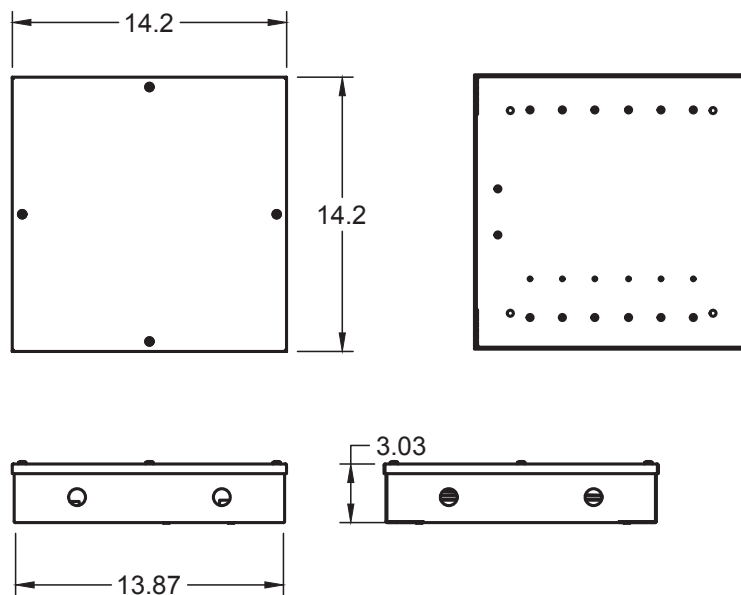
SERIES	HOUSING SIZE	# OF DRIVERS	OPTIONS
RPB	6 Fits up to 6 drivers	D1 1 LED 1% Dimming Drivers	AM Anti-Microbial White Paint
	9 Fits up to 9 drivers	D2 2 LED 1% Dimming Drivers	
		D3 3 LED 1% Dimming Drivers	
		D4 4 LED 1% Dimming Drivers	
		D5 5 LED 1% Dimming Drivers	
		D6 6 LED 1% Dimming Drivers	
		D7 7 LED 1% Dimming Drivers	
		D8 8 LED 1% Dimming Drivers	
		D9 9 LED 1% Dimming Drivers	



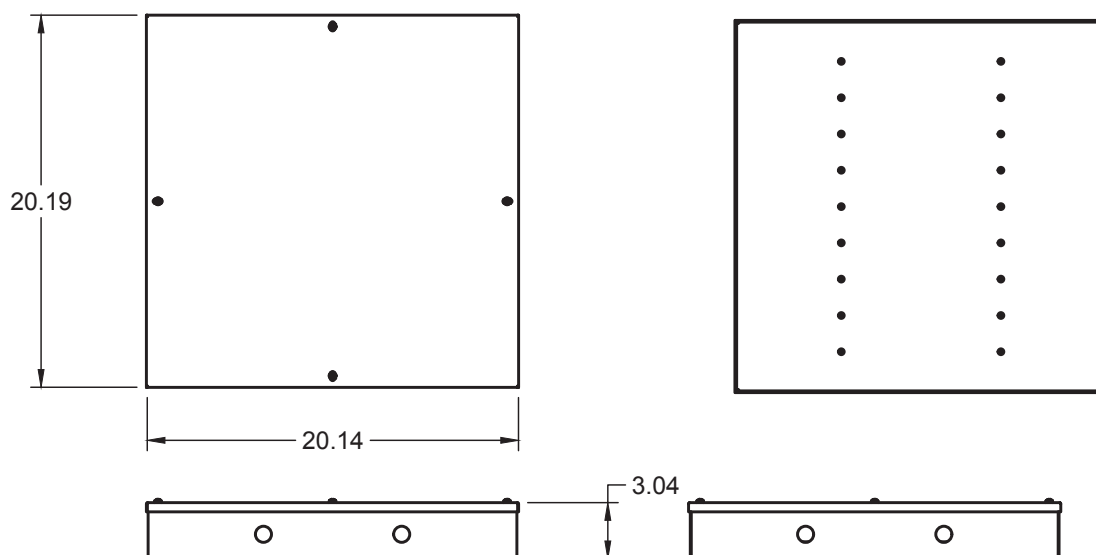
IMPORTANT: EACH FIXTURE REQUIRES IT'S OWN DRIVER

Dimensions on following page ►

RPB-6



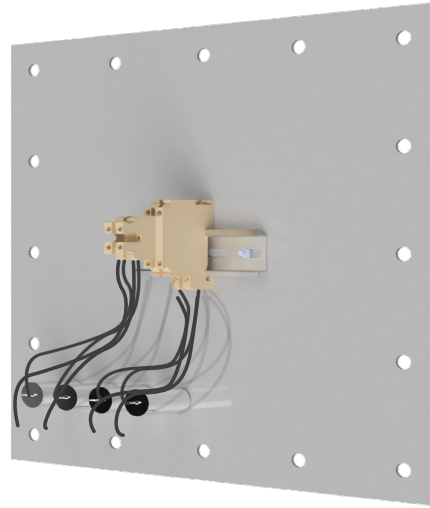
RPB-9



Sample wiring diagrams on following pages ►

MRI ROOM FILTER PANEL

MRIFX

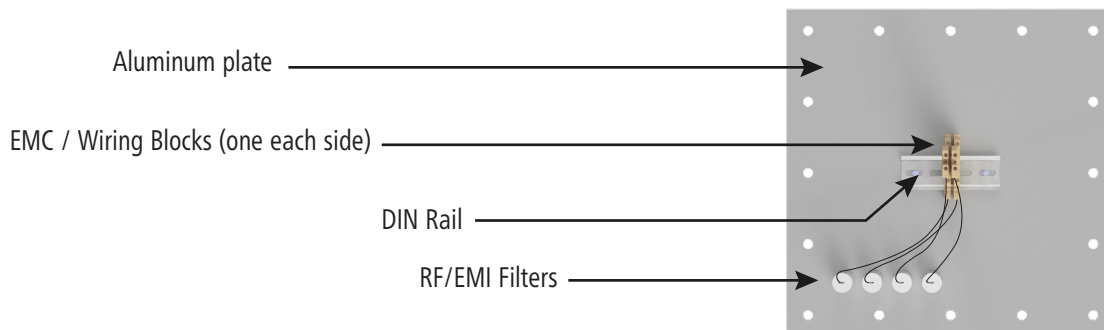


The **MRIFX** is our RF/EMI Power filter solution for MRI suites. With this panel installation of a completed MRI suite is completed in less time and is more organized. This filter panel can be configured with 2 to 32 filters (**each light fixture requires 2 filters**), and installation is easy and straight-forward. This panel is mounted to the wall between the power supplies (see our RPB, next page) and the non-ferrous light fixtures in the MRI suite. The RF/EMI Power Filters available with the MRIFX are some of the highest quality filters available, and are specifically designed to eliminate RF/EMI emissions.

FILTER PANEL: Made from non-ferrous, marine grade aluminum and coated with a premium powder coat, this plate is an integral component designed for many years of use. This plate can accommodate up to 32 RFI filters (for up to 16 light fixtures). A standard DIN rail keeps wiring EMC blocks secure and in place. Custom sized plates are available (consult with factory). The EMC Wiring Blocks (one of each side of panel) are designed to minimize Electromagnetic Interference (EMI) and maintain Electromagnetic Compatibility (EMC).

WIRING: Specially made shielded wiring is utilized to help insure RF/EMI transmissions are negligible.

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



Ordering Information on Next Page ►

ORDERING INFORMATION Example: MRIFX-04

SERIES	FILTERS
MRIFX	02 Panel with 2 filters for 1 fixture
	04 Panel with 4 filters for 2 fixtures
	06 Panel with 6 filters for 3 fixtures
	08 Panel with 8 filters for 4 fixtures
	10 Panel with 10 filters for 5 fixtures
	12 Panel with 12 filters for 6 fixtures
	14 Panel with 14 filters for 7 fixtures
	16 Panel with 16 filters for 8 fixtures
	18 Panel with 18 filters for 9 fixtures
	20 Panel with 20 filters for 10 fixtures
	22 Panel with 22 filters for 11 fixtures
	24 Panel with 24 filters for 12 fixtures
	26 Panel with 26 filters for 13 fixtures
	28 Panel with 28 filters for 14 fixtures
	30 Panel with 30 filters for 15 fixtures
	32 Panel with 32 filters for 16 fixtures

STAND-ALONE FILTER ORDERING

SERIES	FILTERS
MRIFX	F2 Set of 2 filters for 1 fixture
	F4 Set of 4 filters for 2 fixtures
	F6 Set of 6 filters for 3 fixtures
	F8 Set of 8 filters for 4 fixtures
	F10 Set of 10 filters for 5 fixtures
	F12 Set of 12 filters for 6 fixtures
	F14 Set of 14 filters for 7 fixtures
	F16 Set of 16 filters for 8 fixtures
	F18 Set of 18 filters for 9 fixtures

DIMENSIONS

