

RPB

REMOTE POWER BOX



NEW RF/EMI SOLUTION FOR MRI SUITES



SEE PAGES 6-9 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.

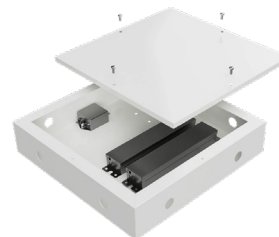
MOUNTING INSTRUCTIONS

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.

www.aelnow.com/cutsheets/MRIFX.pdf

Ordering Information

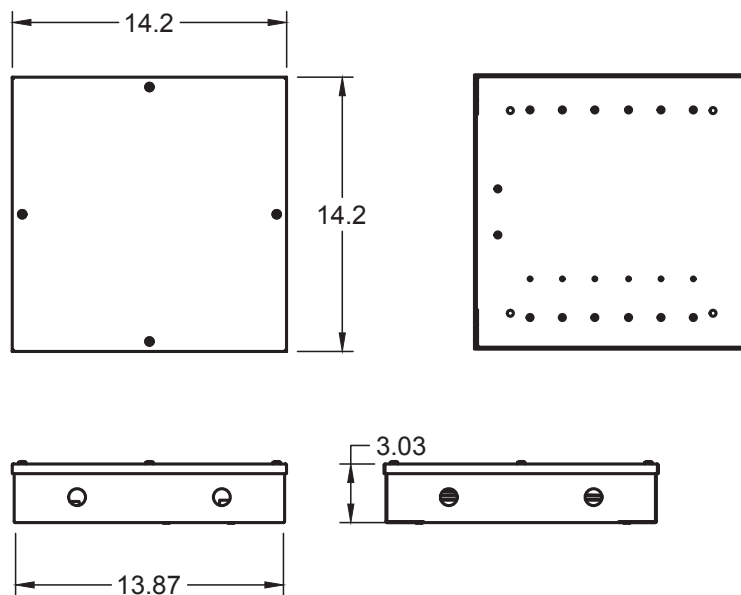
SERIES	HOUSING SIZE	# OF DRIVERS	OPTIONS
RPB	6 Fits up to 6 drivers	D1 1 LED 1% Dimming Drivers	AM Anti-Microbial White Paint
	9 Fits up to 9 drivers	D2 2 LED 1% Dimming Drivers	
		D3 3 LED 1% Dimming Drivers	
		D4 4 LED 1% Dimming Drivers	
		D5 5 LED 1% Dimming Drivers	
		D6 6 LED 1% Dimming Drivers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



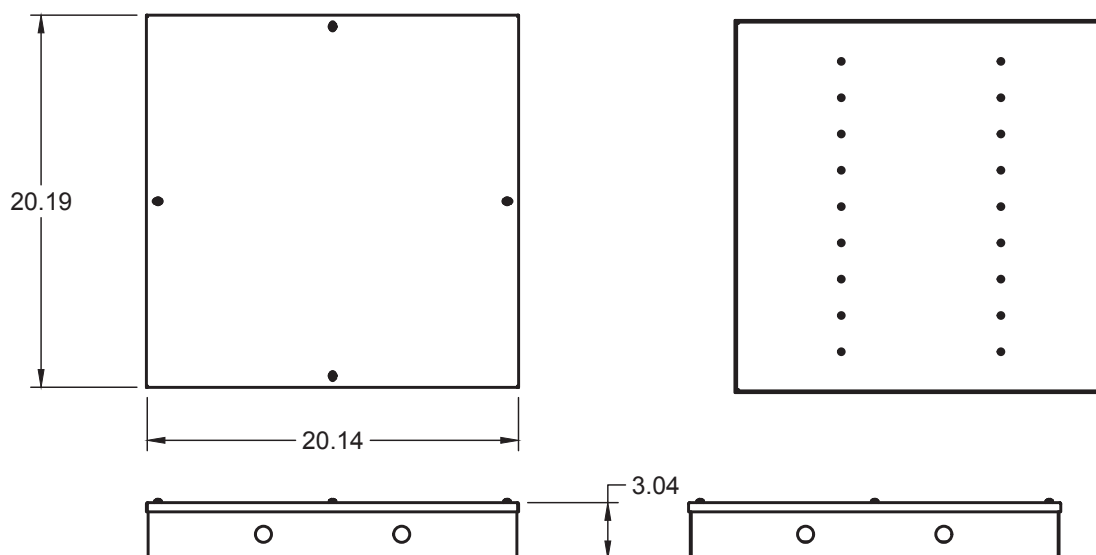
IMPORTANT: EACH FIXTURE REQUIRES IT'S OWN DRIVER

Dimensions on following page ►

RPB-6

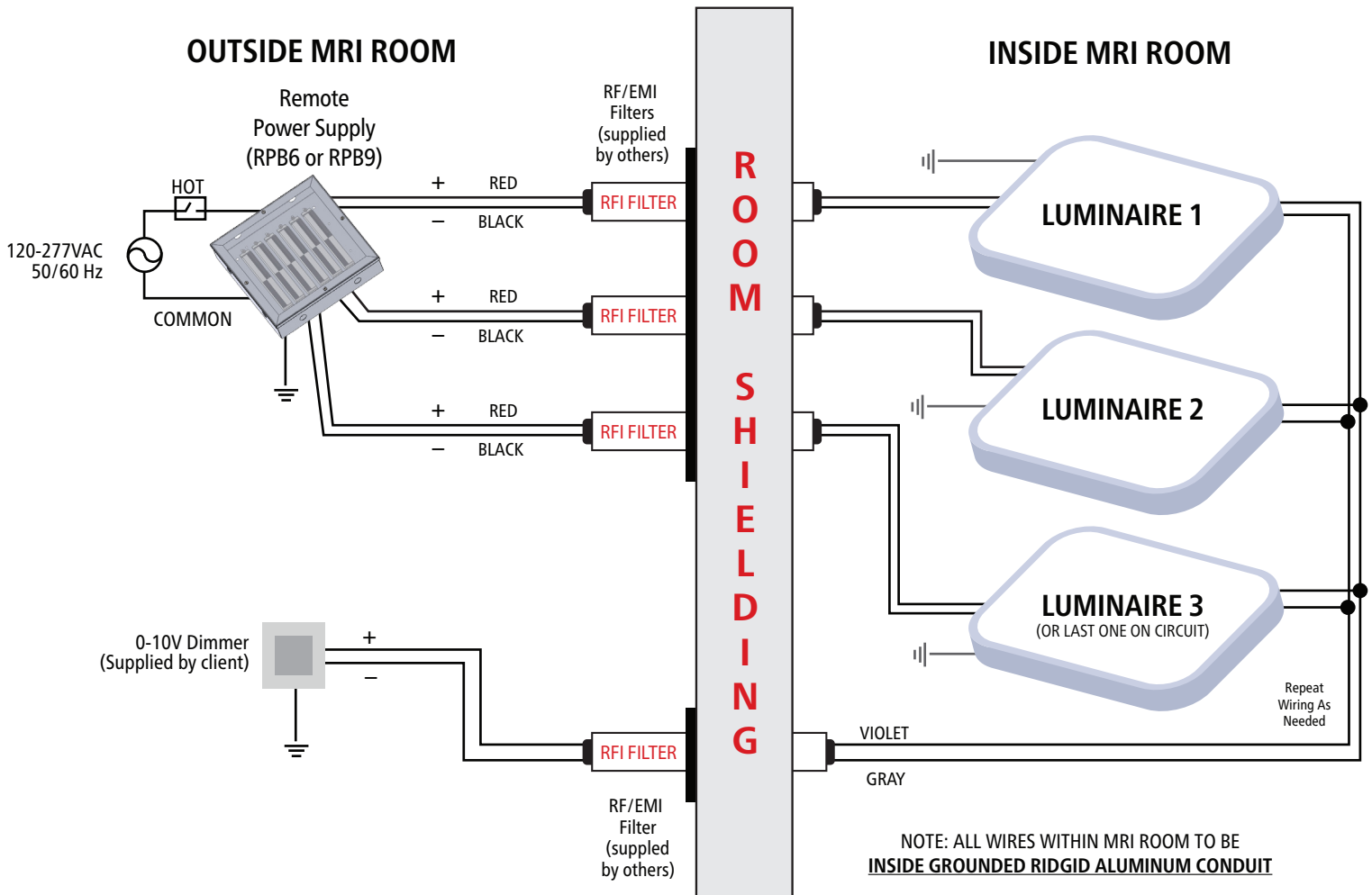


RPB-9



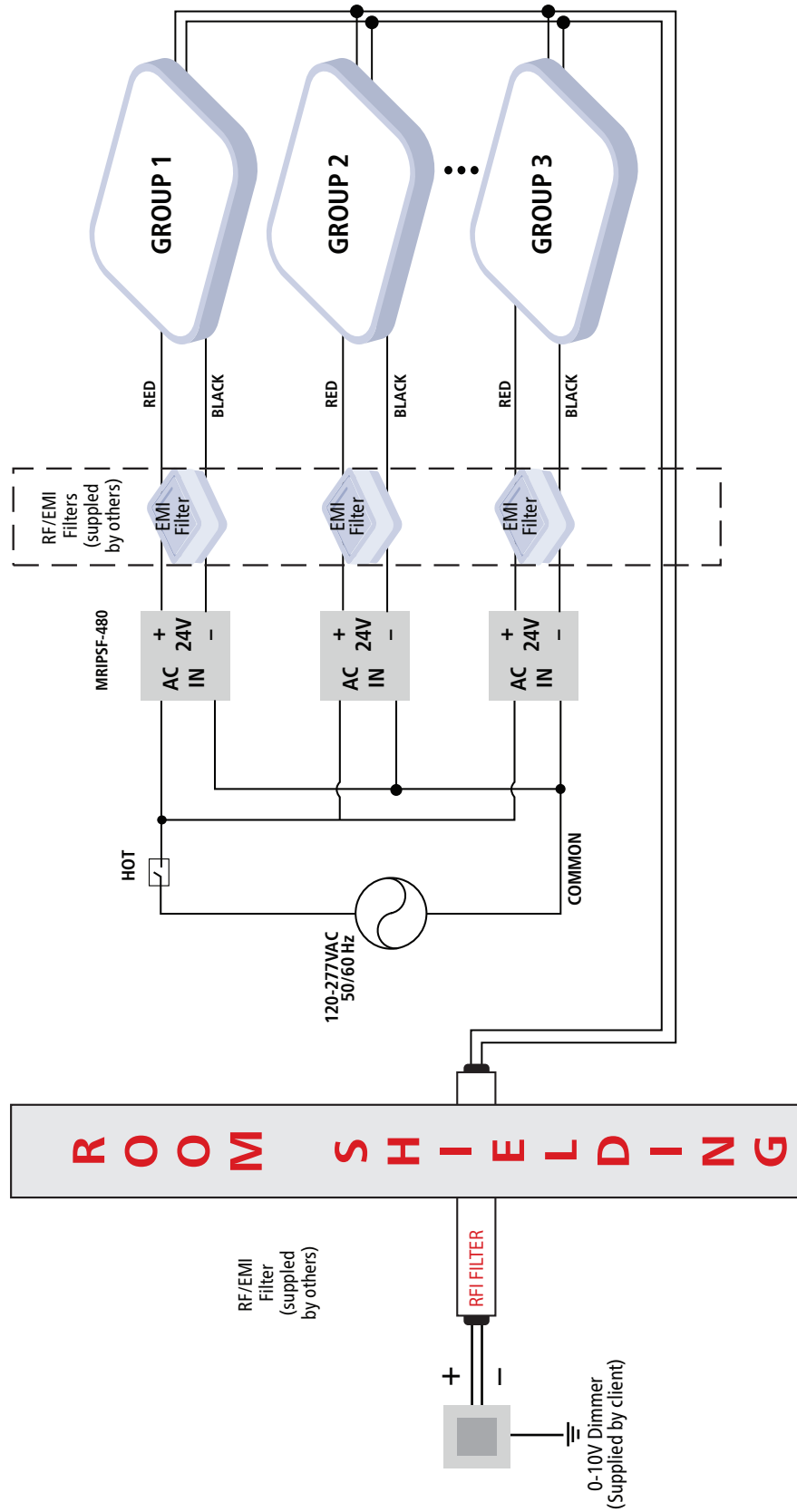
Sample wiring diagrams on following pages ►

MRI ROOM SINGLE SUPPLY SYSTEM DIAGRAM MULTIPLE SHIELDING FEEDS



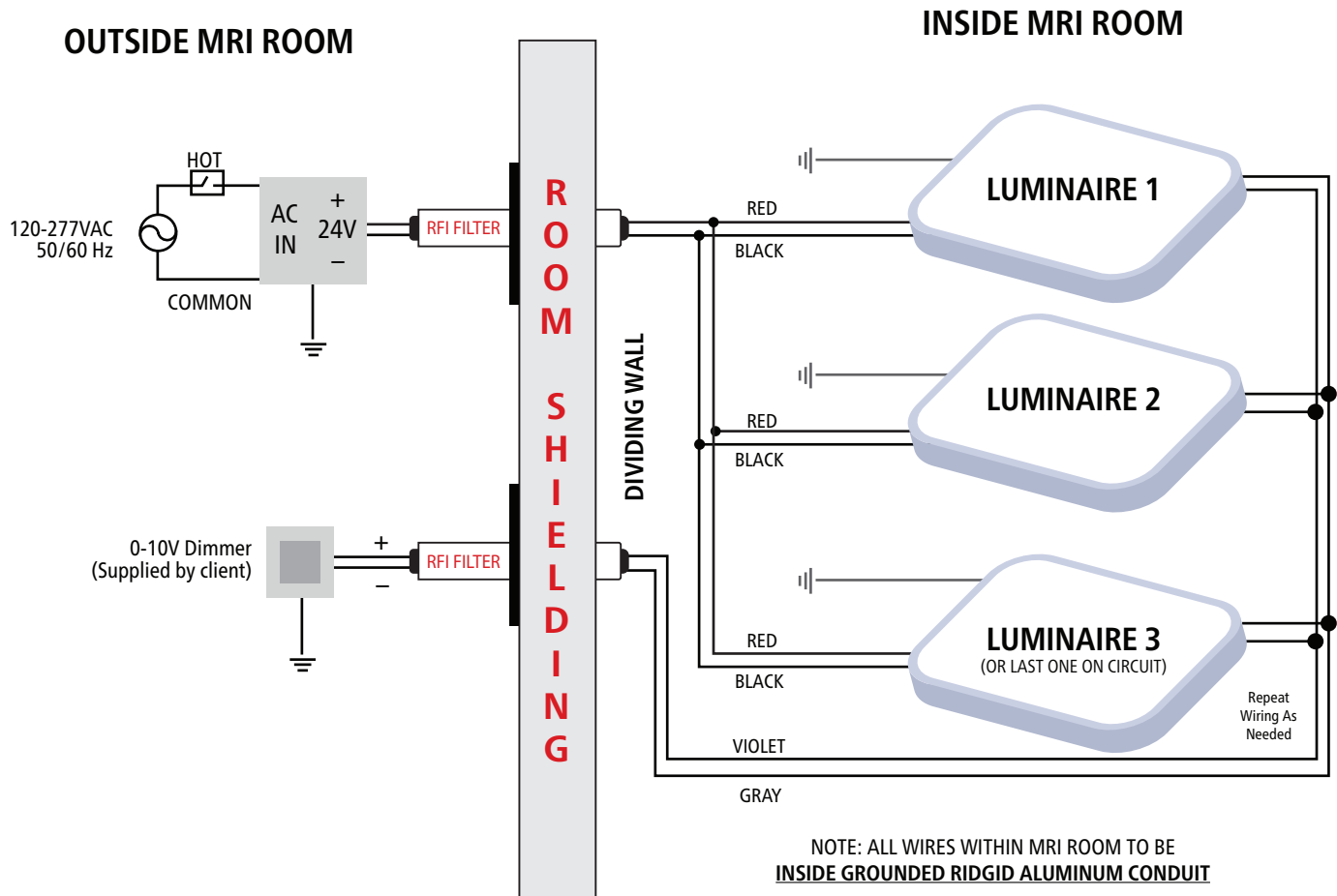
IMPORTANT: EACH FIXTURE REQUIRES IT'S OWN DRIVER

MRI ROOM MULTIPLE SUPPLY SYSTEM DIAGRAM



IMPORTANT: EACH FIXTURE REQUIRES IT'S OWN DRIVER

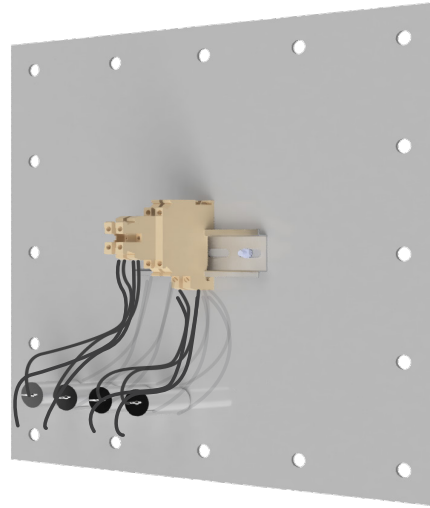
MRI ROOM SINGLE SUPPLY SYSTEM DIAGRAM SINGLE SHIELDING FEEDS



IMPORTANT: EACH FIXTURE REQUIRES IT'S OWN DRIVER

MRI ROOM FILTER PANEL

MRIFX

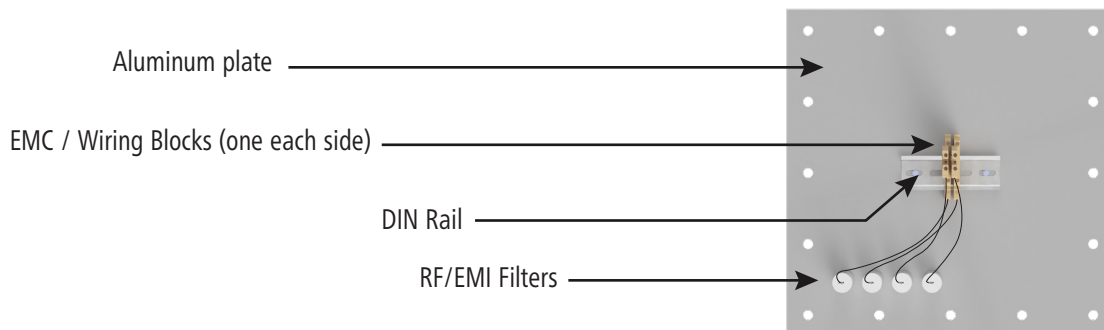


The **MRIFX** is our RF/EMI Power filter solution for MRI suites. With this panel installation of a completed MRI suite is completed in less time and is more organized. This filter panel can be configured with 2 to 32 filters (**each light fixture requires 2 filters**), and installation is easy and straight-forward. 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

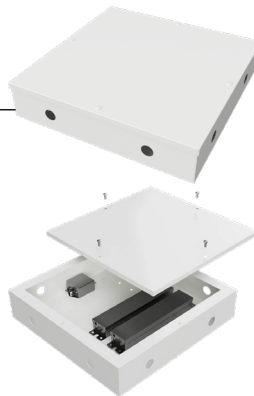
SERIES	FILTERS
MRIFX	F2 Set of 2 filters for 1 fixture F4 Set of 4 filters for 2 fixtures F6 Set of 6 filters for 3 fixtures F8 Set of 8 filters for 4 fixtures F10 Set of 10 filters for 5 fixtures F12 Set of 12 filters for 6 fixtures F14 Set of 14 filters for 7 fixtures F16 Set of 16 filters for 8 fixtures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

RPB6 (UP TO 6 DRIVERS)

RPB9 (UP TO 9 DRIVERS) REMOTE POWER BOX

ORDERING INFORMATION Example: RPB6-D4

SERIES	# OF DRIVERS
RPB6 Fits up to 6 drivers	D1 1 LED Driver D2 2 LED Drivers D3 3 LED Drivers D4 4 LED Drivers D5 5 LED Drivers D6 6 LED Drivers D7 7 LED Drivers D8 8 LED Drivers D9 9 LED Drivers



All drivers are standard with 0-10% dimming

RECOMMENDED MRI FIXTURES FROM AEL

RECESSED:

<https://aelnow.com/cutsheets/CLZMRI.pdf>
<https://aelnow.com/cutsheets/BHLZ-MRI.pdf>
<https://aelnow.com/cutsheets/XDL24R-MRI.pdf>
<https://aelnow.com/cutsheets/MEW.pdf>
<https://aelnow.com/cutsheets/FPTMRI.pdf>

DOWNLIGHT:

<https://aelnow.com/cutsheets/ME08.pdf>
<https://aelnow.com/cutsheets/ME0.pdf>

FLAT PANEL:

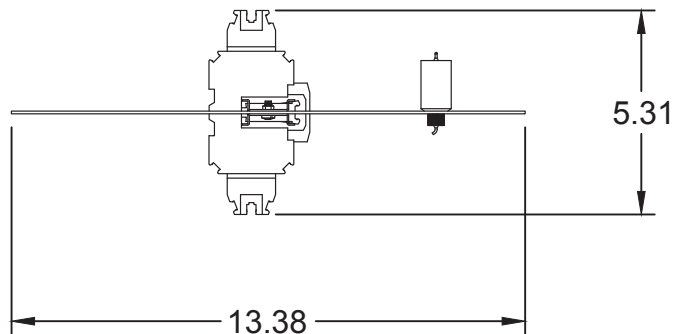
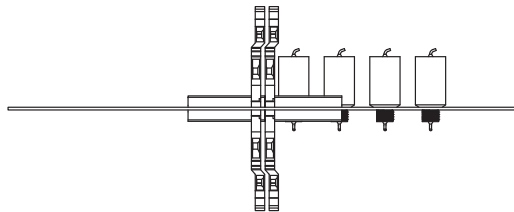
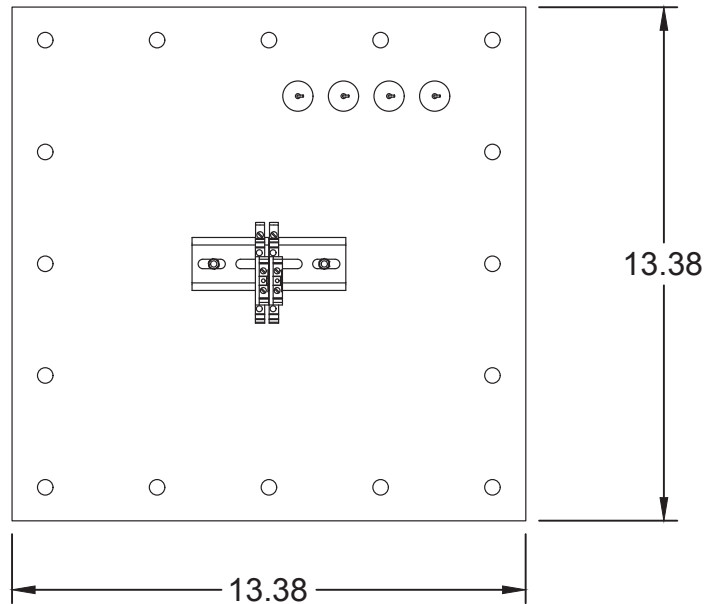
<https://aelnow.com/cutsheets/SPTMRI.pdf>

UNDERCABINET:

<https://aelnow.com/cutsheets/MEMRI.pdf>

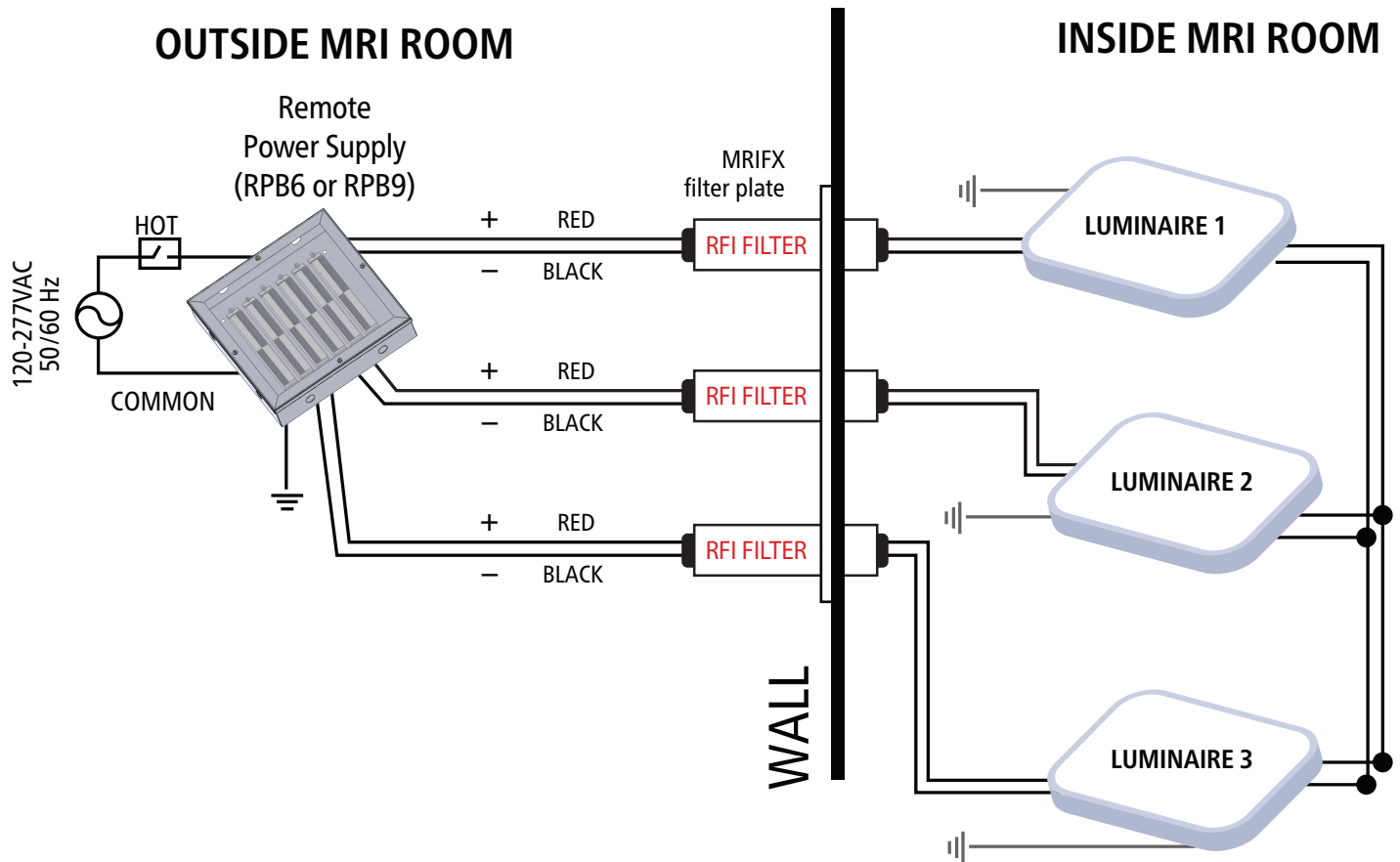
Dimensions on Next Page ►

DIMENSIONS



Sample Wiring Diagram Next Page ►

EXAMPLE OF MRI WIRING DIAGRAM



**NOTE: ALL WIRES WITHIN MRI ROOM TO BE
INSIDE GROUNDED RIDGID ALUMINUM CONDUIT**