

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed, including the following:

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED. DISCONNECT POWER TO ALL CIRCUITS BEFORE WIRING FIXTURE. INSTALL IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL CODES. DO NOT CONNECT TO AN UNGROUNDED SUPPLY. READ ALL FIXTURE MARKINGS AND LABELS TO ENSURE CORRECT INSTALLATION OF FIXTURE. SUPPLEMENTAL INSTRUCTIONS MAY BE LOCATED ON THE FIXTURE, IN ADDITION TO THIS INSTRUCTION SHEET, REGARDING ORIENTATION, OR MOUNTING RESTRICTIONS.

SAVE THESE INSTRUCTIONS

FIXTURE INSTALLATION

Install in compliance with the National Electric Code, any applicable local codes and any specific instructions given on the luminaire labels. If installing in conjunction with any additional options and/or accessories, also refer to the respective instruction sheets. For installation only by a qualified electrician.

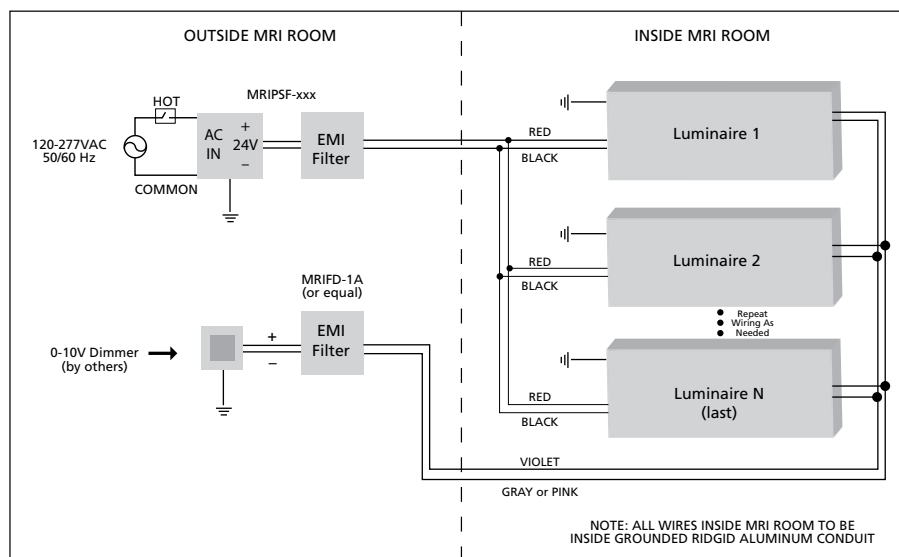
NOTE: To maintain the ratings and approvals noted on the fixture nameplate, any fittings or mounting hardware supplied with this fixture, must be used with this fixture. Wiring from power supply to fixture must be in a rigid aluminum conduit with aluminum fittings. Access to the back side of the fixture is required after installation, therefore recessed grid mounting only.

RECESSED GRID FIXTURES

1. Fixture is designed for use with 1.00"/1.50" T bar grid systems with vertical grid T thickness' of less than 1/4" with a maximum height of 2". Grid systems can be installed with standard 24 or 48 inch center line spacing of grid.
2. Fixture housing lays into grid.

ELECTRICAL CONNECTION

1. Mount and wire the MRIPSF external power supply system per the procedures provided in the supplementary instruction sheet. Run conduit and DC wiring to an MRI room EMI filter. Make sure wiring is completely enclosed in grounded aluminum conduit. Any gaps, regardless of size, must be closed or wrapped with supplied copper foil tape.
2. If a 0-10V dimming circuit is to be connected, install at this time. The 0-10V dimmer must be installed outside the shielded MRI environment with the Kenall MRIFD-1A dimming line filter (or equivalent) installed in accordance with the supplied installation instructions. Kenall recommends the Lutron Diva (DVSTV) and Lutron Nova T (NTSTV-DV) series to ensure the full range of dimming can be achieved.



Single-Supply System Schematic



www.kenall.com

P: 800-4-Kenall

F: 262-891-9701

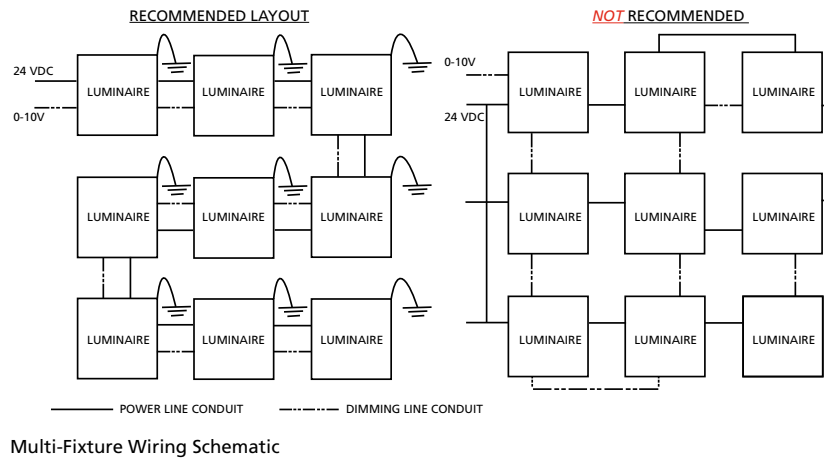
10200 55th Street Kenosha, Wisconsin 53144

A brand of **legrand**

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WARNING: ALL DC POWER AND DIMMING SIGNAL WIRING MUST BE RUN THROUGH SEPARATE EMI FILTERS.

3. Remove junction box cover and make conduit connections to the appropriate 1/2" knockout(s).
4. Run DC wiring, equal in size and temperature rating to the filter input wiring, between the filter output cables and the first luminaire within the shielded room. Follow recommended wiring layout described within Single-Supply System Schematic. All wiring must be within completely-enclosed, grounded conduit suitable for an MRI environment. Any gaps, regardless of size, must be closed or wrapped in copper foil tape. Special attention should be paid to the wiring entry point into the shielded space. Class 1 wiring methods are required.
5. Run the dimming signal wiring, equal in specification to the filter input wiring, between the filter output cables and the first luminaire within the shielded room. Maintain polarity between input and output sides of the filter and follow wiring recommendation in Multi-Fixture Wiring Schematic. All wiring must be within completely enclosed, grounded conduit suitable for an MRI environment. Any gaps, regardless of size, must be closed or wrapped in copper foil tape. Special attention should be paid to the wiring entry point into the shielded space. Cap gray and violet leads at luminaire(s) if dimming function is not implemented.
6. Using at least an 18 AWG wire, each fixture must be grounded to the shielded ceiling.
7. Make DC supply and (optional) dimmer control connections within each luminaire.
8. Replace junction box cover and seal both covers using supplied copper foil tape.



CUSTOMER SERVICE

For technical assistance, call 1-800-4KENALL (1-800-453-6255). For additional instructions, go to www.kenall.com

WARRANTY

For warranty information visit www.kenall.com/Resources/Certified-Performance-Warranties



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CUSTOMER ACKNOWLEDGEMENT MRI INSTALLATION REGISTRATION FORM

Customer acknowledges that the attached Installation Registration Form will be provided to the installer to sign and return to Kenall after installation is complete. For warranty purposes, please fill out this form and return to Kenall by fax at (262) 891-9701.

I certify that the lighting installation for the listed MRI suite location is completed per the provided installation instructions and to the best of my abilities.

Please check off items to denote status:

- ☐ Installation instruction sheets for MRIPSF-480 remote power supply and DC filter system and individual luminaire(s) read and followed.
- ☐ MRIPSF-480 power supply and EMI filters are located outside the shielded enclosure.
- ☐ All DC supply wiring is completely enclosed within grounded aluminum conduit. Installation has no ungrounded/unshielded portions of conduit or openings of any size or shape.
- ☐ All dimming signal wiring is completely enclosed within grounded aluminum conduit. Installation has no ungrounded/unshielded portions of conduit or openings of any size or shape. Check here if dimming is not applicable: ☐
- ☐ If supplied by others, MRI Room EMI filters for the 24VDC supply and dimming signal are of the type intended for MRI suites and are sized to the electrical load.
- ☐ DC supply power and dimming signal are NOT running through the same EMI filter. Check here if dimming is not applicable: ☐
- ☐ Lighting system fully tested (including dimming operation, if applicable) while MRI machine is in idle and scan operation mode.

If any of these steps cannot be completed or you need technical assistance, please contact Kenall Technical Support at 1-800-4KENALL (1-800-453-6255).

Electrical Contractor

Installation Site

Name: _____

Name: _____

City/State: _____

City/State: _____

Phone: _____

FAX FORM TO (262) 891-9701

Installation Date: _____

(Do not write below line)

Kenall Received By: _____ Received Date: _____



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