

INSTALLATION INSTRUCTIONS: 4VLMRI RECESSED LED LIGHTING FIXTURES

IMPORTANT: READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE INSTALLING FIXTURE.

- This fixture is for use in MRI room environments. Installer must be fully trained in the installation, hazards, and limitations of MRI products.
- All power feeds to fixtures must be in shielded, grounded aluminum conduits. If dimming is to be routed to fixtures, it should be fed through separate, grounded aluminum conduits. ALL feeds entering MRI room should have suitable filters for electromagnetic interference (by others).
- CAUTION: RISK OF FIRE- Connect the 4VLMRI fixtures only to Pathway MRIDP12 or MRIDP12MG driver panels. Operation from any other power supply will cause an unsafe condition, and will void warranty.
- CAUTION: Use only with Pathway reflector assemblies specified on model nameplate.
- This unit should only be installed in accordance with the NEC and local codes, by a qualified electrician only.

INSTALLATION:

- 1) Slide hanger bars provided into slots of adjustable brackets. Attach to joists or T-grid. Loosen the bracket wing nuts from the inside of the fixture, and adjust the hanger bar brackets, so that the lower lip of the fixture flange will be **flush, or 1/8" above (max)** to the bottom of the ceiling surface.
- 2) Open junction box cover, and route 24VDC circuit into fixture junction box. (Circuit should not be energized at this time). Connect the input wiring as follows:

Red input wire to +24vdc feed, blue input wire to –DC feed, and copper wire to ground.

These input wires may be run in parallel to a maximum of 12 fixtures (daisy-chained), before the feed conduit leaves the MRI room. This wire entry should be through a suitable MRI filter (by others) sized for the total electrical load.

DIMMING: If dimming is desired, an **additional two wires** will need to be routed to the dimming control. It must be routed in a **separate** aluminum conduit, with a **separate** EMI filter (by others) installed just outside the MRI room.

For 0-10 volt 4-wire dimming, connect **(+) feed to violet input wire** and **(-) feed to gray input wire**. Otherwise, **leave these wires insulated.**

- 3) When wiring is complete, close wiring cover(s).
- 4) Install lower reflector assembly by pressing the grip springs inwards, and insert into fixture opening. Push upward until reflector is fully flush with the ceiling surface. For wallwash reflectors only, position the small "kicker" reflector away from the surface to be illuminated.
- 5) Energize driver panel, and fixture will illuminate.

SAVE THESE INSTRUCTIONS

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PATHWAY LIGHTING PRODUCTS, INC., 175-5 Elm St. P.O. Box 591, Old Saybrook, CT 06475
PHONE (860) 388-6881 / (800) 342-0592 Fax (860) 388-5766 / (800) 207 0090
E-mail: sales@pathwaylighting.com www.pathwaylighting.com