

Installation Instructions for: ML-MRV-LED Series

Important Safeguards

When Installing Electrical Equipment, Basic Safety Precautions Must Always Be Followed, including the following:

Do Not Use This Product For Other Than Intended Use.

Caution: Installation Must Be Performed By Qualified Service Personnel.

Installation shall be done in accordance with the wiring methods given in the NEC, NFPA 70 and Design Specifications for Your MRI Laboratory.

Use of Accessory Equipment Not Recommended by the Manufacturer May Cause an Unsafe Condition.

Read and Follow All Instructional and Cautionary Labels Found On or In This Fixture.

Read and Follow All Safety Instructions

1. Prepare a mounting structure capable of reliably supporting more than the weight of the fixture according to applicable building codes.
2. With fixture body resting face up on a stable surface, remove trim ring and baffle by loosening brass thumb nuts. Leave the reflector in place. (If reflector is removed for any reason be sure to orient it correctly before reinserting it. Doing so improperly may damage the LED array.)
3. Secure plaster frame to building structure using non-magnetic means in at least four places. Be sure to follow all building codes applicable to your jurisdiction.
4. When installing in drywall, cut appropriate sized hole. After installing drywall, if necessary, adjust fixture for ceiling thickness by loosening hex screws that attach the round housing to the plaster frame.
5. Provide electrical service according to your local electrical code to the wiring box located on the plaster frame. Supply wire insulation must be rated for at least 90°C.
6. Remove wiring box cover. Remove the appropriate knock-out to accommodate the type of electrical service to be used/allowed by your local electrical code.
7. Place all wiring and connectors back in wiring box and replace cover.
8. Rough in using NEC approved wiring methods for 36Vdc
9. Create a ceiling cutout.
10. Re-attach the Trim ring and baffle, centering it on the Reflector using the two (2) 8-32 screws located in the housing to the spring supported brass thumb nuts and trim ring.
11. Remove any protective films from the outer surfaces as provided.

Driver: (Installed remotely up to 50 feet from the fixture using a minimum 18 ga. wiring system.)

1. Remove cover and secure driver to service area nearest fixture but outside of the faraday cage.
2. rough-in fixture wires individually maintaining polarity. Fixtures may share a conduit system but not electrically connected together in any way. . (All fixtures must be separately wired and not wired in parallel or series with other fixtures.)
3. Replace cover.
4. Energize driver with rated voltage from a protected branch circuit.
5. Do Not Open or Service Fixture While Energized. Always Disconnect Power from supply before servicing.
6. Do Not Operate Fixture when damaged or not completely assembled.