

MRI LED SERIES

DOWNLIGHT INSTALLATION INSTRUCTIONS



WARNING:

- 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.
- Make sure all electrical power is turned off while installing the fixture.
- This luminaire must be adequately grounded for protection against shock hazards and to assure proper operation.

- Disconnect power before servicing.
- LEDs are ESD (Electro Static Discharge) sensitive devices that can be easily damaged if the proper ESD mitigating steps are not taken.
- LEDs are very sensitive to mechanical damage. Caution must be taken to avoid damage to the LEDs.
- ESD or mechanical damage voids all warranties.
- Suitable for dry and damp locations. Suitable for wet location under covered ceiling when specified with WET/CC option.

FOR USE WITH:

- M4PR ▪ M4PS ▪ M6PR ▪ M6PS

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MOUNTING PAN INSTALLATION

STEP 1: Pre-attach the specified mounting hardware to the fixture pan. See FIGURES 1.1 - 1.3.

NOTE: Ceiling thickness range is 1/2" to 1-1/2". Consult factory for additional thicknesses.

FIG. 1.1 F1M: 2-Position fixed pan bracket, universal bar hanger

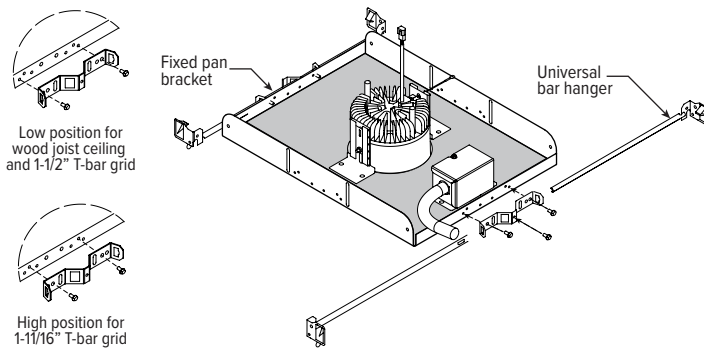


FIG. 1.2 BA1M: Adjustable butterfly pan bracket, butterfly bracket only

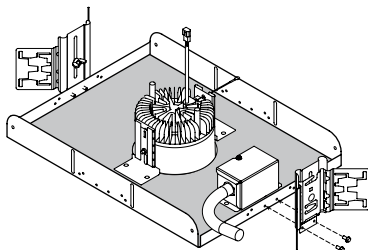
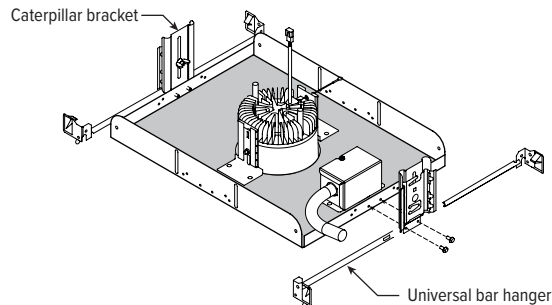


FIG. 1.3 CA1M: Adjustable caterpillar pan bracket, universal bar hanger



STEP 2: Install pan assembly as required for ceiling structure while aligning the pan aperture with the ceiling cutout.

STEP 3: Route the aluminum conduit containing all of the required power input to the pan location.

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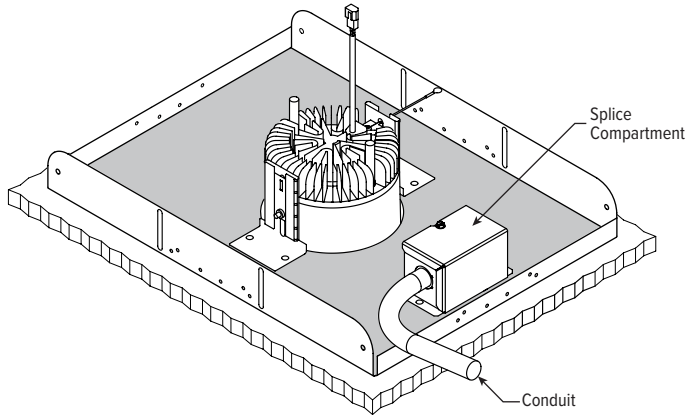
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ELECTRICAL CONNECTIONS

STEP 4: Connect junction box to conduit

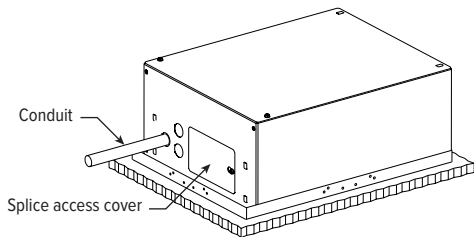
- A. Route the supply conduit to the splice compartment or IC housing knockout and connect to the knockout, see FIGURE 4.1

FIG. 4.1

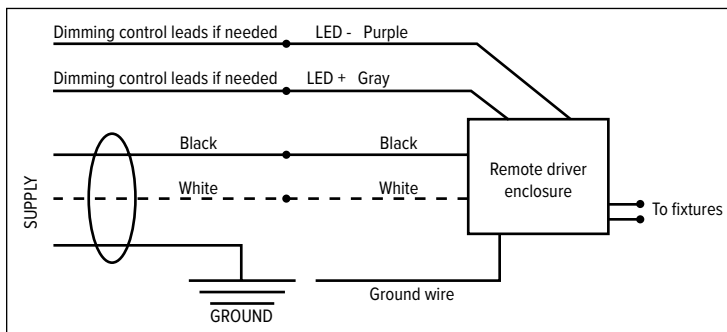


- B. Attach conduit to splice compartment and make splices. See FIGURE 4.2

FIG. 4.2



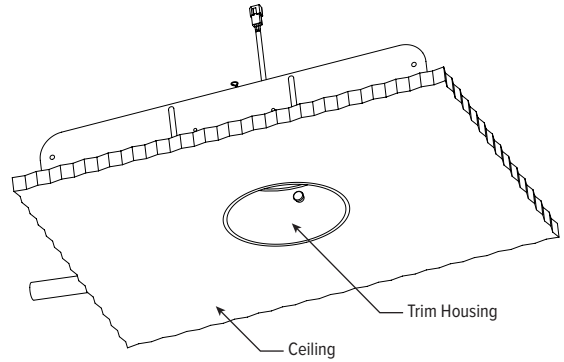
- C. Make all necessary lead terminations within the junction box. Attach power supply and ground wires using UL listed wire connectors. Disconnect accepts #12 - #16 AWG stranded or solid wire. Re-attach the access cover. Please consult factory for other driver configurations or emergency driver wiring diagrams.



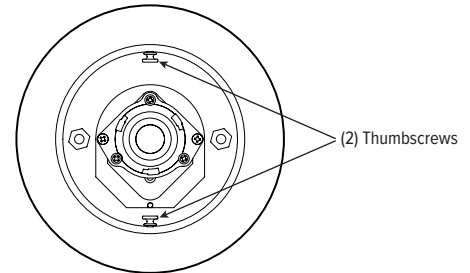
ADJUST TRIM HOUSING

STEP 5: Loosen thumbscrews (2) to adjust trim housing flush with ceiling plane. See FIGURE 5.1

FIG. 5.1



Downlight insert (bottom view)



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TRIM INSTALLATION

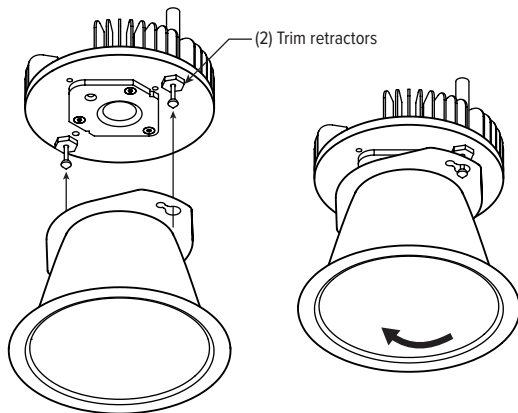
STEP 9: Install trim

TRIMLOCK™ INSTALLATION FOR ROUND REFLECTOR

- A. Align reflector with keyhole slots, then twist reflector See FIGURE 9.1

NOTE: The trim housing (see FIGURE 9.3) has alignment features that will guide the reflector

FIG. 9.1



- B. Pull reflector downward until audible click is heard, then release. See FIGURES 9.2 and 9.3

FIG. 9.2

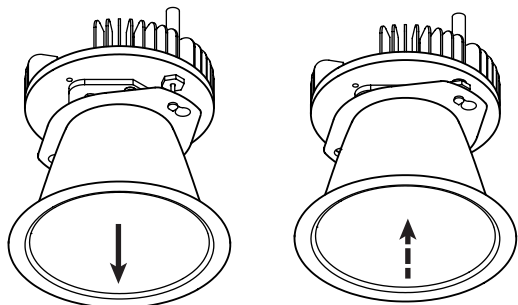
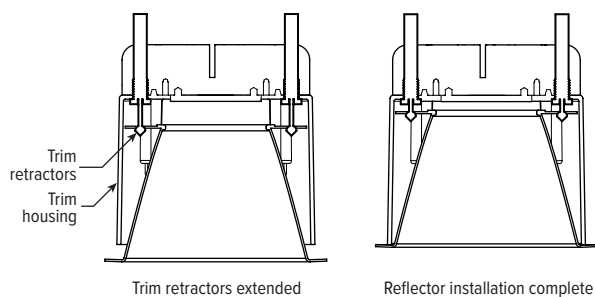


FIG. 9.3

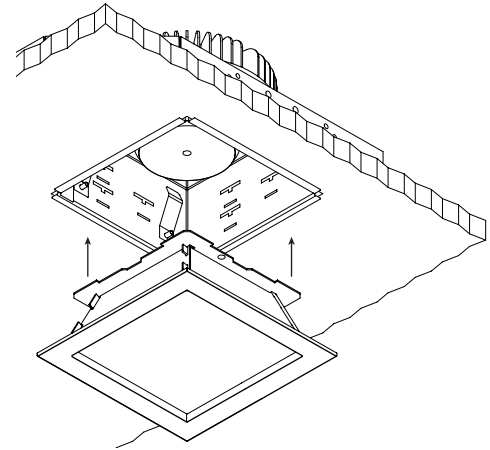


- C. For reflector removal, work the process in reverse

SQUARE REFLECTOR INSTALLATION See FIGURE 9.4

- A. Insert reflector assembly into fixture until flush with ceiling to engage retention springs

FIG. 9.4



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REMOTE DRIVER ENCLOSURE INSTALLATION

STEP 10: Loosen (2) screws and remove front access panel

STEP 11: Secure to vertical wall surface with appropriate fasteners through provided mounting holes in (4) corners. See FIGURES 11.1 - 11.3

FIG. 11.1 RDB2 Remote driver enclosure for 2 - 8 fixtures
RDB9 Remote driver enclosure for 9 - 12 fixtures, shown

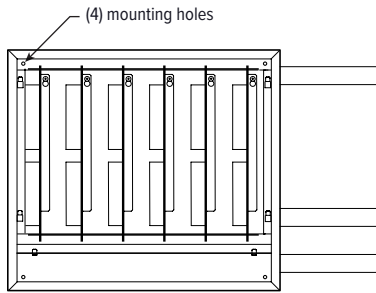


FIG. 11.2 RDB1 Remote driver enclosure for single fixture

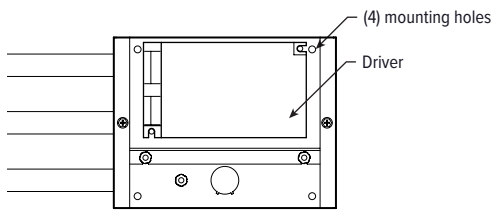
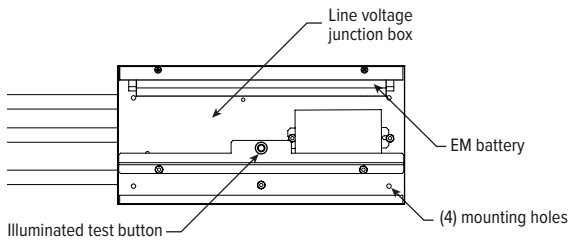


FIG. 11.3 RDB1 Remote driver enclosure for single fixture with EM/12W



STEP 12: Attach line voltage supply conduit and low voltage output to EMI filter wiring to knockouts using appropriate connectors and conduit as needed. See FIGURES 12.1 - 12.3

FIG. 12.1 RDB2 Remote driver enclosure for 2 - 8 fixtures
RDB9 Remote driver enclosure for 9 - 12 fixtures, shown

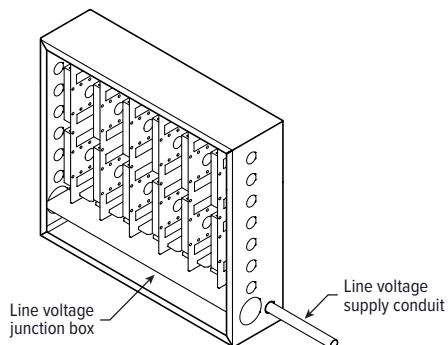


FIG. 12.2 RDB1 Remote driver enclosure for single fixture

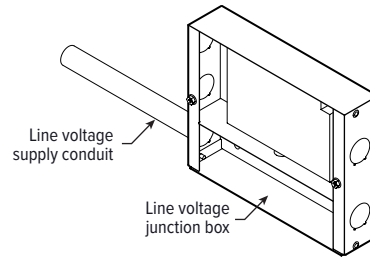
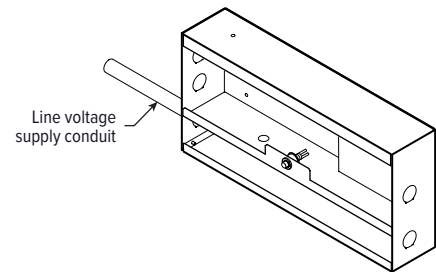
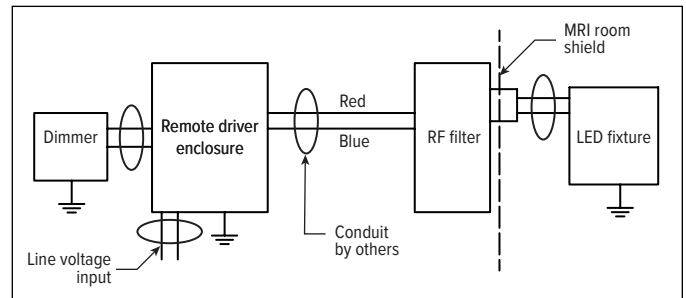


FIG. 12.3 RDB1 Remote driver enclosure for single fixture with EM/12W



STEP 13: Connect each red and blue pair to each fixture that is fed from the driver box. Aluminum electrical conduit by others. Make electrical connections in accordance with NEC and local codes.



STEP 14: Replace front access panel and secure.