

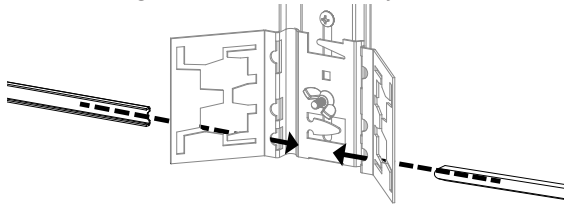
INSTALLATION INSTRUCTIONS

Multi-Aim MR-16 recessed lighting fixtures

NWMA1MRE1 - NWMA2MRE1 - NWMA3MRE1 - NWMA4MRE1

BEFORE STARTING: Make sure that the space into which you are installing the housings has **at least 18"** between joists or suspended ceiling tee bars.

1. Shut off electrical supply at source.
2. Slide mounting bars into the butterfly brackets.



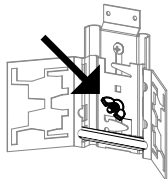
3. Locate the position to which you wish to install the housing then secure mounting bars onto the ceiling joists or the suspended ceiling tee bars.

Joists: Hammer tack point (A) or screw (B) the mounting bar onto the joists.

Suspended ceiling: Hang the mounting bars onto the tee bars.



4. Adjust and align the housing to its final position.
5. Tighten the wing nuts on the butterfly brackets to lock the mounting bars into a fixed position.

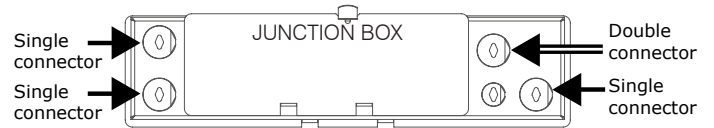


6. Bring the electrical wiring to the junction box, as per applicable electrical codes.

IMPORTANT: Leave **extra length of 18"** (45 cm) of armored (BX) cable to allow removal of the junction box for future maintenance operations.

7. Connect the wires (Black/Black, White/White and Green/Green) then close the box.

See junction box diagram below to locate single and double connection points.

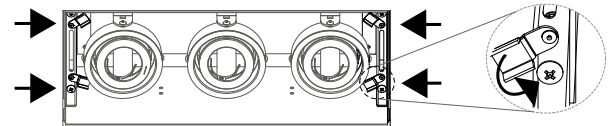


IMPORTANT: Leave an **extra length of 6"** (15 cm) of supply leads and ground wire inside the junction box.

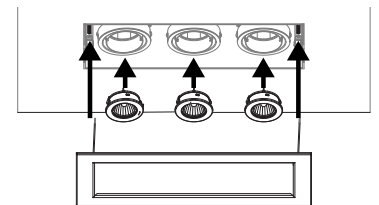
8. Install the ceiling material.
9. Cut holes to the appropriate size:
 - NWMA1MRE1 (1 projector) 7 1/4" X 6 1/8" (184 mm X 156 mm)
 - NWMA2MRE1 (2 projectors) 10 3/4" X 6 1/8" (273 mm X 156 mm)
 - NWMA3MRE1 (3 projectors) 15" X 6 1/8" (381 mm X 156 mm)
 - NWMA4MRE1 (4 projectors) 21" X 6 1/8" (533 mm X 156 mm)

10. **TRIMLESS INSTALLATION:** To install a trimless housing, refer to the Trimless Multi-Aim Installation Instructions (EC607) provided with the MARx-SF mesh plate.

11. **WITH TRIM:** Adjust the height of inner box using the four corner screws then pivot the locks to secure the inner box so that it does not retract into the ceiling.



12. Fix the lamps into the projector trims.
13. Insert the projector trims in the housing then install the trim by sliding the hooks into the side slots.



Please keep these instructions for future reference.



WARNING - The use of another company's (non-Contrast) products or components in conjunction with Contrast products may not be covered by UL approvals, and could be hazardous. Such use automatically voids all Contrast warranties and responsibility for any problems that may result from such use.



WARNING - SHOCK AND FIRE HAZARD

- Consult a qualified electrician before installing.
- Do not exceed the indicated lamp wattage.
- Non-IC: All parts of housing must be at least 3" (76 mm) from insulation materials.



WARRANTY: CONTRAST LIGHTING M. L. INC. guarantees the components against manufacturing defects for a period of one (1) year, under normal use with proof of purchase. The obligation of the manufacturer consists in the cost of the components and does not cover the cost of labor and transport for replacement. For all claims, please contact your local supplier. See our Web site for additional warranty details. Note: 3 year warranty on electronic converter.

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