

ID "SO" SQUARE OVERLAP HOUSING

SAFETY AND INSTALLATION INSTRUCTIONS

LUMINAIRES MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN (CHECK WITH LOCAL AND NATIONAL CODES FOR PROPER INSTALLATION). TO PREVENT ELECTRICAL SHOCK, DISCONNECT ELECTRICAL SUPPLY BEFORE INSTALLATION OR SERVICING.

WARNING:

- Installations without Focal Point supplied transformers and trims voids the Focal Point warranty and the UL listing.
- Do not install aperture of unit closer than 6" from curtains, fabrics or combustible materials.
- Installation shall comply with local electrical codes and the NEC.
- Install with ½" EMT conduit or BH bar hanger accessory.
- Install housing in a manner to permit access to components and splice connections which may require service.
- In grid ceiling installation, support fixture from structure above in addition to bar hangers and conduit.
- Use 90°C supply wiring.
- The recessed luminaire is thermally protected, a blinking light may indicated over-heating. Check to ensure lamp wattage is not higher than as specified on the housing label.
- Inspect to ensure that housing will not move when the ceiling and trim is installed.

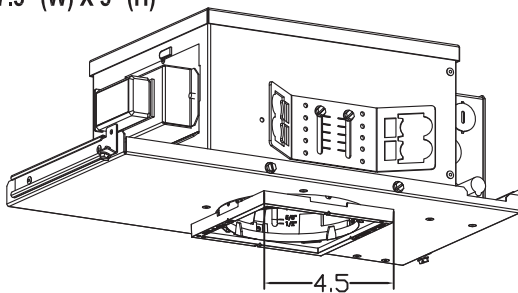
Notes: It is strongly recommended that the electrical contractor, drywall contractor, and general contractor review these installation instructions to ensure adequate time and coordination of trades is planned. Failure to do so may result in unsatisfactory finished installation.

For OVERLAP mounted trims, the basic installation consists of a two step process for the ID fixtures:

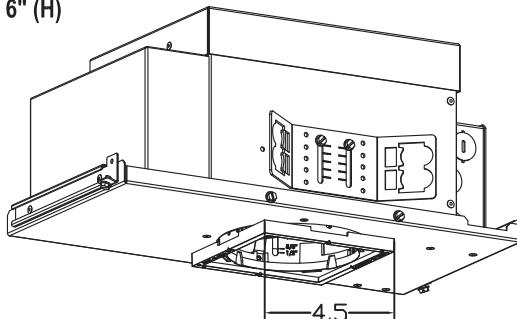
1. Rough in housing, adjust adaptor plate for squareness and alignment to walls (fine tune adaptor plate before drywall).
2. Install trim.

A. Housing dimensions are as follows:

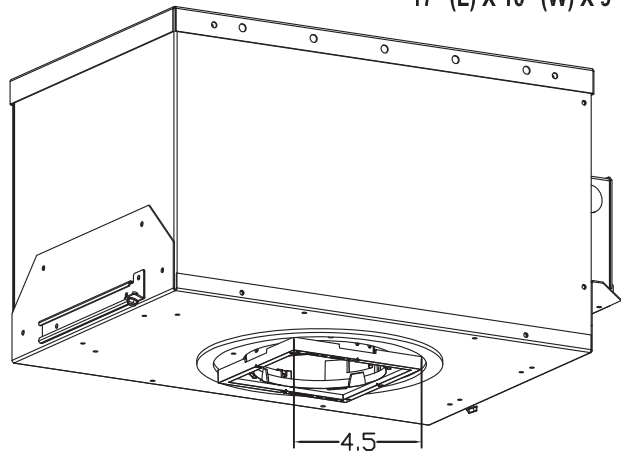
FD4 SERIES HOUSING
NON-IC HALOGEN HOUSING
15" (L) X 7.5" (W) X 5" (H)



FM4 SERIES HOUSING
IC - RATED METAL HALIDE HOUSING
15" (L) X 7.5" (W) X 6" (H)



FD4 SERIES HOUSING
IC - RATED HALOGEN HOUSING
17" (L) X 10" (W) X 9" (H)



CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY REINFORCING WALLS AND/OR CEILINGS TO SUPPORT LUMINAIRE WEIGHT. FOCAL POINT, L.L.C. ACCEPTS NO RESPONSIBILITY FOR INADEQUATELY REINFORCED WALLS AND/OR CEILINGS.

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FOCAL POINT®

INSTALLATION GUIDE NO.

ISO241

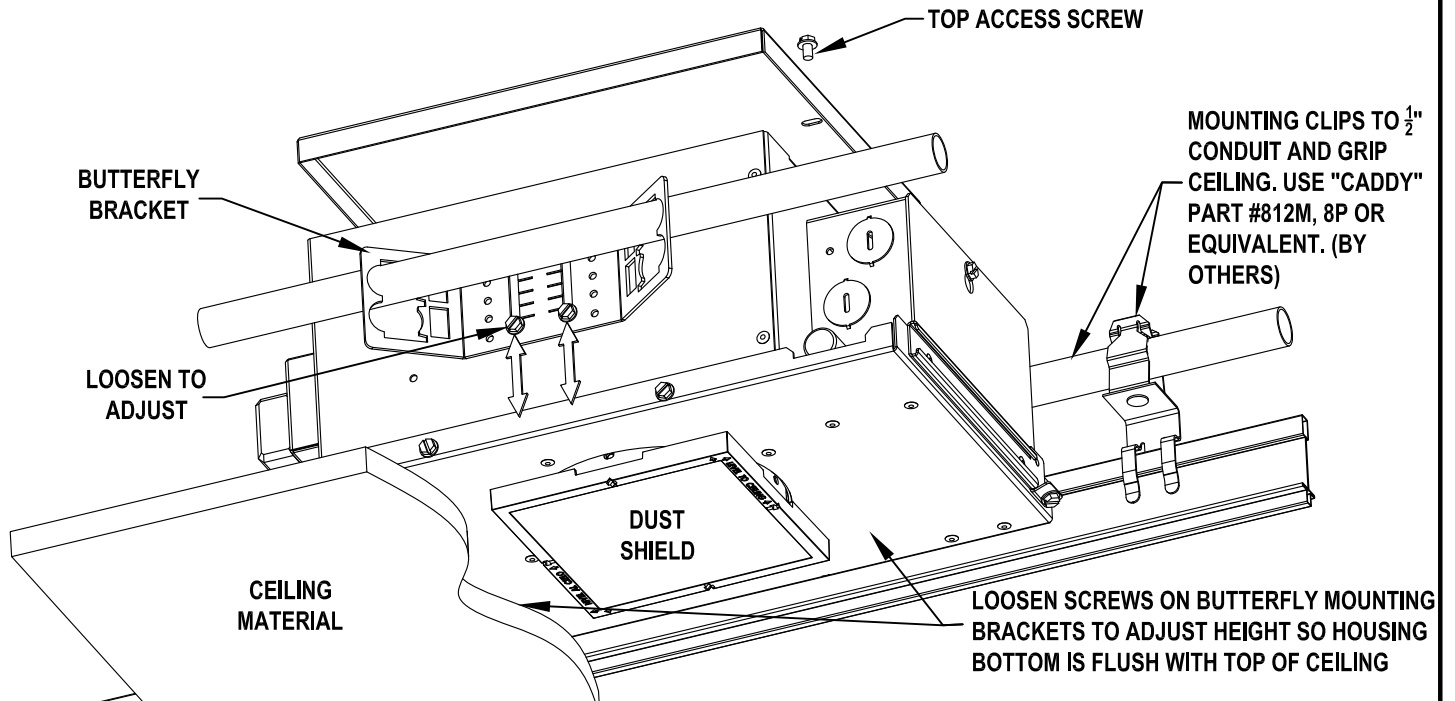
DWG. NO.

REV. C

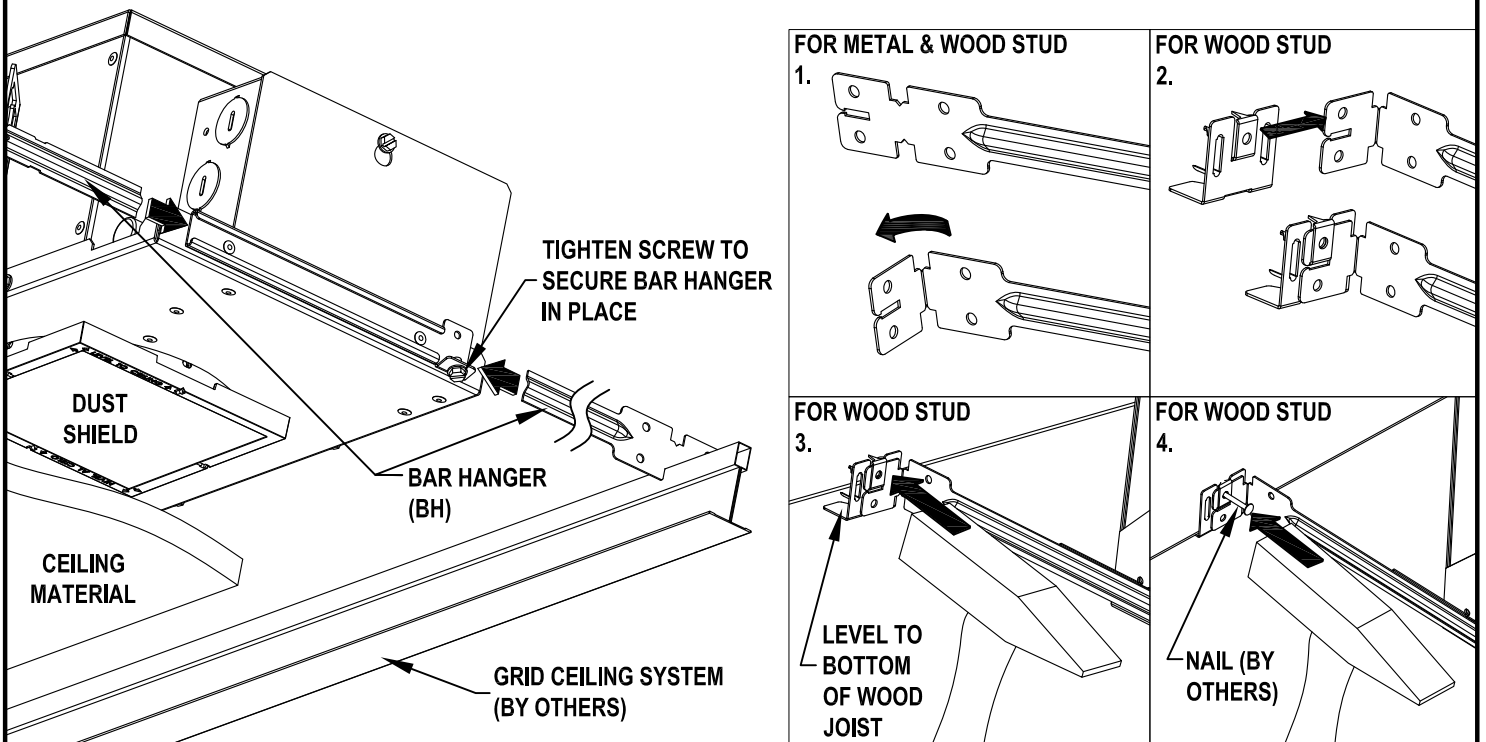
WIRING: Make appropriate connections, 120V to black OR 277 volt to red, common to white and green to ground.
Place connections inside j-box and replace cover.
Ensure dimmer is compatible with transformer supplied with housing.

B. Rough in installation of housing

Installation with 1/2" conduit (Ensure bottom of housing sits flush with top of ceiling.)



Installation with BH bar hanger accessory (Ensure bottom of housing sits flush with top of ceiling.)
Maximum span with BH is 24" and can be used for grid, wood stud, and metal stud supports.



C. ADJUST ADAPTOR PLATE

WARNING - MISSING STEPS CAN RESULT IN AN UNSATISFACTORY INSTALLATION FINISH

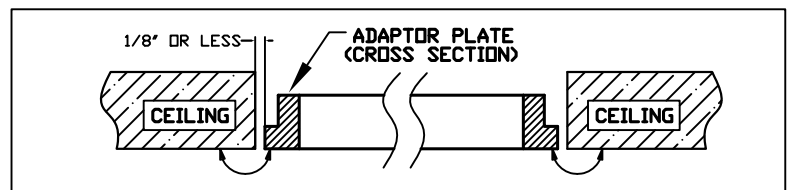
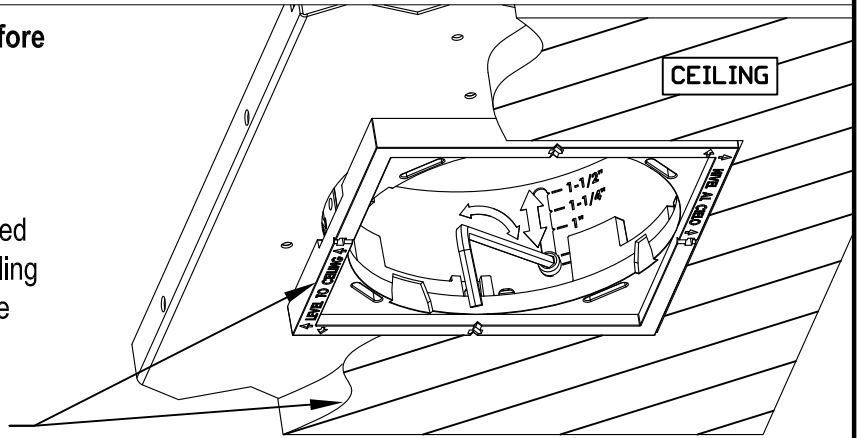
SQUARE OVERLAP trims need to be adjusted before wall board installation.

BEFORE WALL BOARD INSTALLATION:

Remove dust shield and adjust plate using the supplied 9/64" hex wrench. Adjust adaptor plate for proper ceiling thickness by loosening all (3) RED hex bolts. Replace dust shield when done.

Adjust plate to be level with face of drywall, gimbal if required.

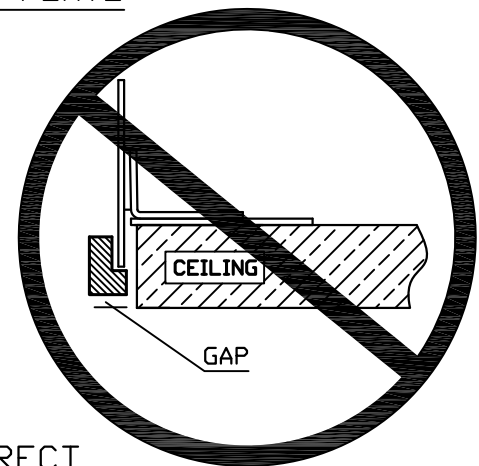
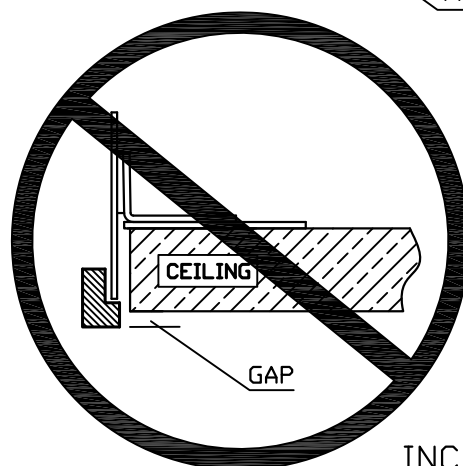
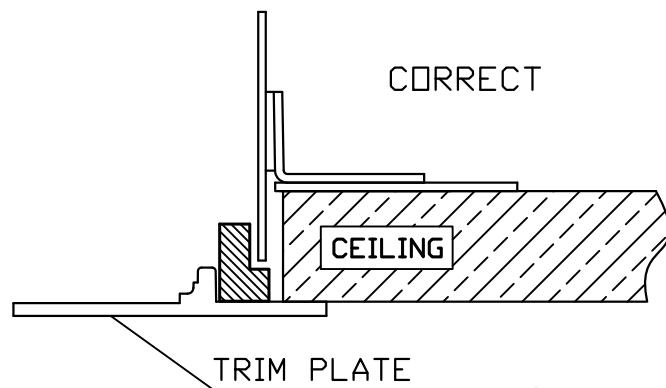
There must be no more than 1/8" gap between the outer edge of the adaptor plate and the cut edge of the ceiling material in order to ensure flange of the trims cover the cutout. If gap is larger, alignment and mudding must occur.



D. PAINT CEILING

Paint trims if desired, see trim installation instructions for disassembly direction for painting.

Warning: Trims must be painted per instructions for satisfactory finish.

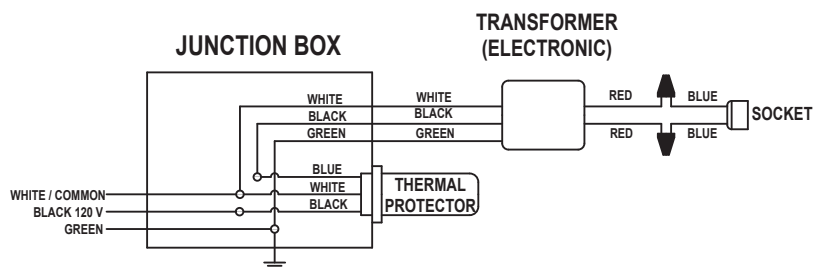


INCORRECT

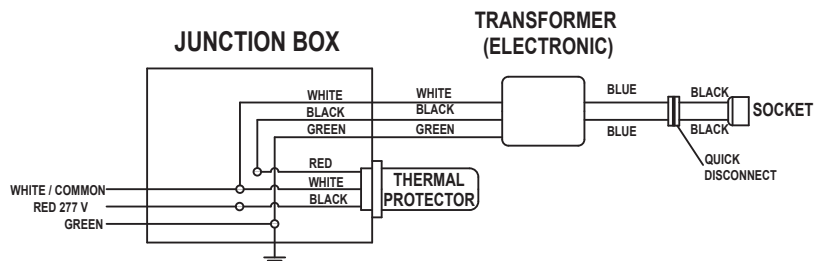
HOUSING INSTALLATION IS NOW COMPLETE

WIRING DIAGRAMS LOW VOLTAGE MR16

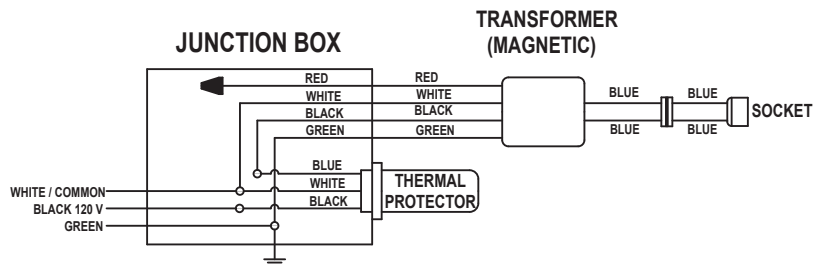
**FD4-MR-E1 SERIES
(120V)**



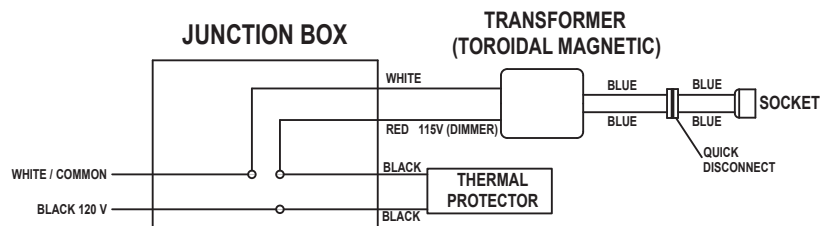
**FD4-MR-E2 SERIES
(277V)**



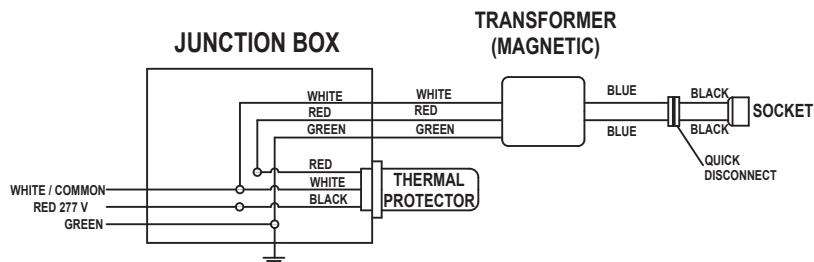
**FD4-MR-M1 SERIES
(120V)**



**FD4-MR-M1T SERIES
(120V)**



**FD4-MR-M2 SERIES
(277V)**



WIRING DIAGRAM METAL HALIDE MR16

**FM4-MR-M156U SERIES
(120V/277V)**

