

**NOTES**

- Installation should be completed by an individual familiar with the construction and operation of the luminaire.
- Installation of luminaire must be in accordance with nation and local building and electrical codes.
- Carefully read and follow all warnings and instructions before installing or servicing the luminaire.
- Instructions do not cover all details and all possible product configurations
- Do not restrict luminaire ventilation.
- Ensure LED luminaire is not covered with material that will prevent convection or conduction cooling.
- Do not exceed luminaire's maximum ambient temperature.
- Ensure LED luminaire has the correct polarity before installation.
- Based on maximum voltage restrictions for class 2 circuits in Canadian Electrical Code, the output cannot be accessible. This product has accessible output terminals. This product complies with this requirement since the installation instruction requires installation in Restricted Access Area.

**WARNINGS**

**Electric shock:**

- Disconnect or turn off power before installing or servicing luminaire.
- All electrical wiring to be completed by a qualified licensed electrician in accordance with local and National/Canadian Electrical Code.
- Ensure supply voltage corresponds with the correct ballast/driver voltage.
- Avoid exposing wiring to metal edges and sharp objects.
- Ensure that the luminaire is properly grounded to prevent electric hazards.

**Fire:**

- Keep flammable and combustible materials away from the light source and/or lens.
- Use correctly rated supply conductors as indicated by product labeling.

**Burn:**

- Allow luminaire to cool before handling luminaire.

**Personal Injury:**

- Wear safety glasses and gloves when handling the luminaire to avoid physical injury.
- Avoid direct eye contact with light source.
- Always support the weight of the luminaire.

Manufacturer is not responsible for any injuries due to the improper installation or handling of its products.

**Hard Ceiling Flange**

**Note:**

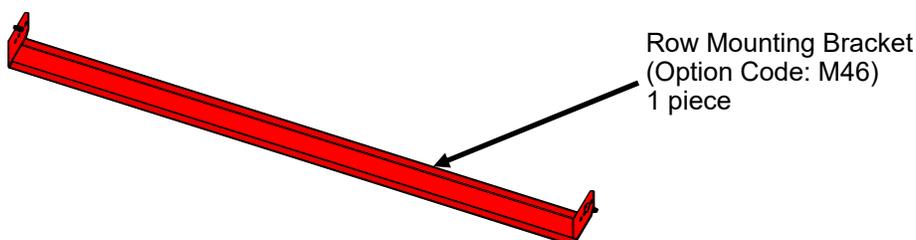
The models requires an accurate cutout of the luminaire opening. It is essential that the opening room side edge be flat to ensure the integrity of the seal.

Use 1-5/8 Unistrut (not included) or equivalent support beams on all four sides above the opening edge. The support structure should be suitably rigid and secured to support the weight of the luminaire. (*Minimum thickness of ceiling and framing is 1 1/2", maximum is 2 3/4"*).

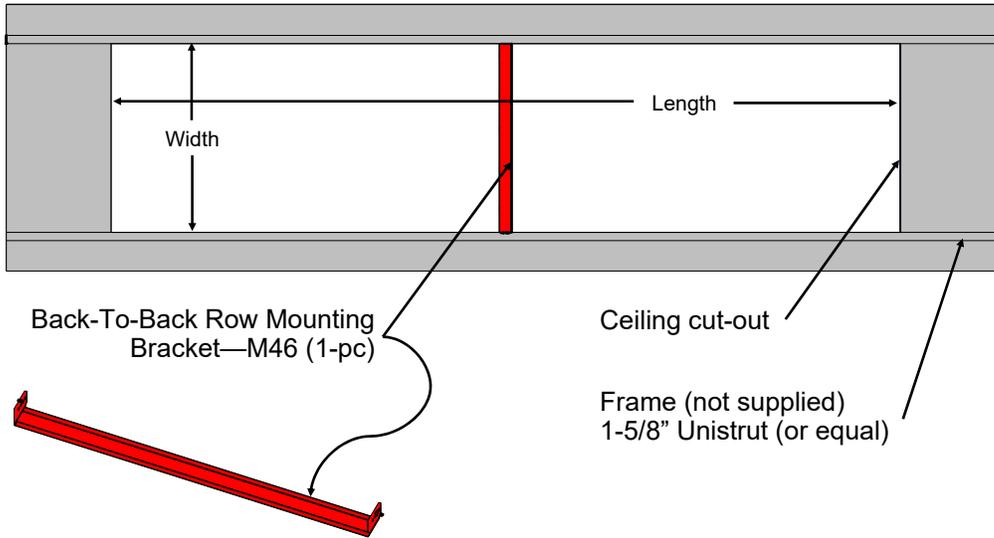
Only qualified electricians should make the electrical connections and should ensure that all Building and Safety code requirements are observed.

CRU & MSU when supplied with white + red or white + green LEDs, are to be separately switched externally. Also they are NOT to be operated simultaneously.

**Parts List**



**Hard Ceiling Flange Cont'd**



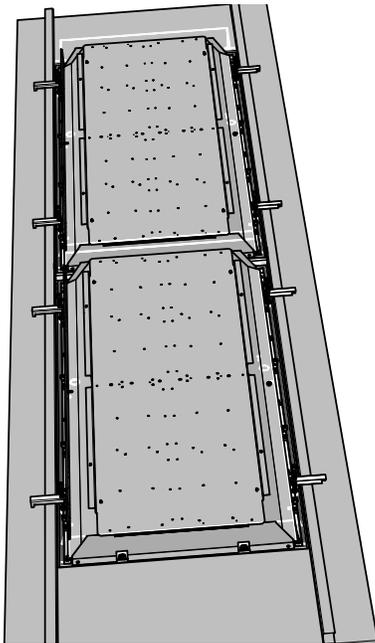
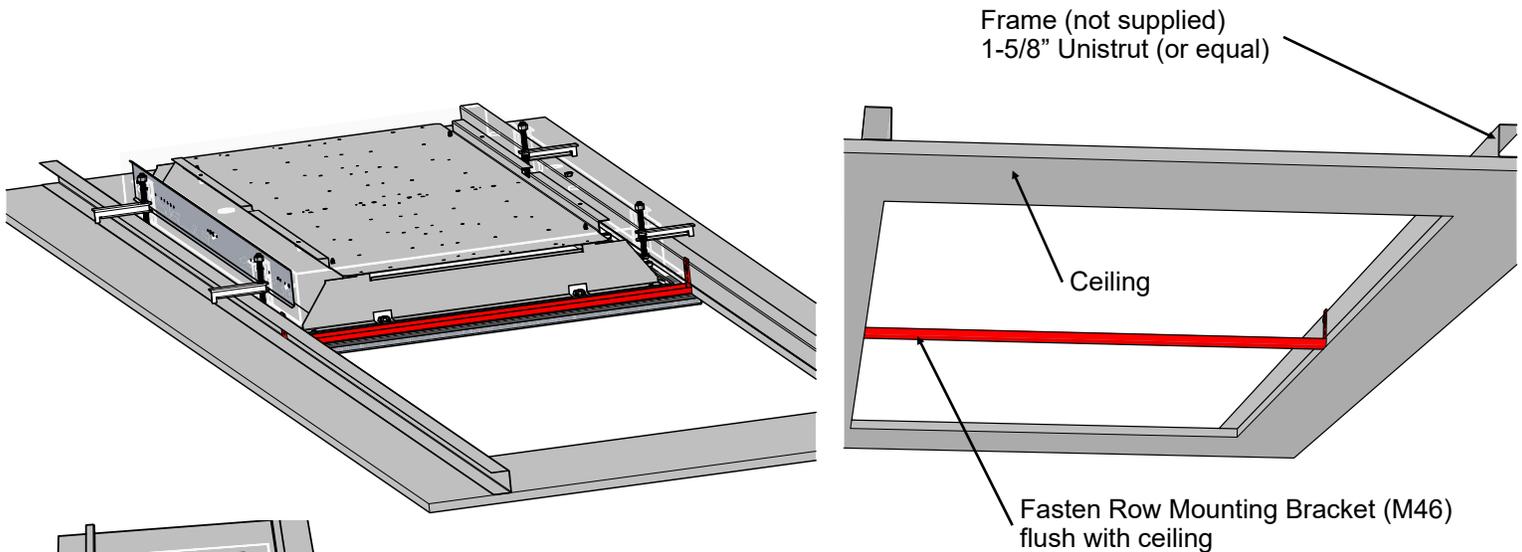
**Ceiling Cut-Out Dimensions:- Inset Door**  
*(INCLUDING CRUI/MSU/VRUI )*

**Ceiling Cut-Out Dimensions:- Overlapping Door**  
*(INCLUDING CRUO/MSUO/VRUO)*

Size	Width	Length
Back-To-Back (2 Fixtures)	22.688 in.	94.562 in.
Each additional Fixture	22.688 in.	Add 47.75 in. to the length

Size	Width	Length
Back-To-Back	22.688 in.	94.875 in.
Each additional Fixture	22.688 in.	Add 48.062 in. to the length

**Installation Instruction**



**Row Mounting Bracket**

1. Disconnect electrical power intended to be connected to the luminaire.
2. Locate and cut the required opening in the ceiling.
3. Install and secure the required support structure.
4. Remove the lens and door assembly by removing all twelve self-sealing screws from the luminaire.
5. Insert the first luminaire into the ceiling then extend the swing-out brackets above the support structure. Tighten all swing-out brackets to ensure a tight and continuous seal on the room side of the opening.
6. Install the row mounting bracket (M46) sitting on the back of housing flange, side against the end of housing.
7. Install the next luminaire and repeat steps as in the first installed luminaire.
8. Remove the cover and make the electrical connections to the power supply. Do not remove or use a different power cord fitting than the one supplied.
9. Replace the cover and install suitable lamps (not supplied).
10. Replace the lens and door assembly with the original self-sealing screws. Tighten to a maximum torque of 10 in-lbs. Ensure that the door gasket makes a continuous seal to the ceiling surface.
11. Apply power.