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 national 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.
- These products have maximum rated output voltage that exceeds the voltage limits that cannot be accessible based on voltage restrictions for Class 2 circuits in Canadian Electrical Code. This output complies with the definition of Class 2 per Canadian Electrical Code. 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.
- **Fixture should ONLY be powered on with access plate installed in fixture**.
- 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.
- Before powering up fixture, perform appropriate testing to ensure the fixture is properly grounded.

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.

Intended Use:

- Certain airborne contaminants can diminish integrity of acrylic and/or polycarbonate.
- Certain airborne contaminants may also adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the containments, ventilation, and temperature at the end-user location.
- Failure due to the effect of contaminants is not covered under our standard terms of warranty.

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

Luminaire Warning Notes:

a. **Failure to follow all these warnings may result in injury or death.**
b. This fixture is primarily intended for use in security and behavioral health spaces.
c. Failure to correctly fill seams with a site-approved security caulk/compound between the luminaire and the ceiling may increase the hazard, causing injury or death.
d. Fixture selection and construction specification (metal gauge and lens thickness) should be completed by professionals familiar with the application, in line with the security requirements of the intended installation space. If this fixture is determined to not be adequate for the hazard present within the space, discontinue use of the fixture or space until corrected.
e. Failure to correctly fill seams with a site-approved security caulk/compound between the luminaire and the ceiling may increase the hazard, causing injury or death.
f. Do not operate the fixture or occupy spaces when this fixture is damaged or not fully assembled.
g. Before occupancy, all aspects of this fixture and its installation shall be thoroughly reviewed and tested for ligature concerns.
h. Particular care is to be taken in tightening doorframe screws; when complete, doorframe screws must be double-checked. Caution: Do not overtighten screws. Damage may result. Torque door-frame screws to **10** inch-lbs (1.13 Nm)

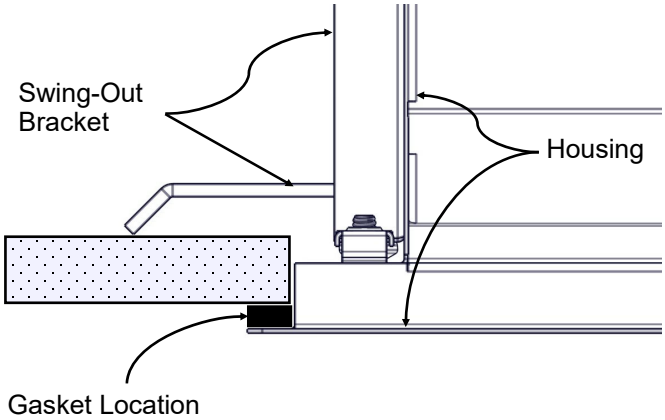
Hard Ceiling Flange

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.

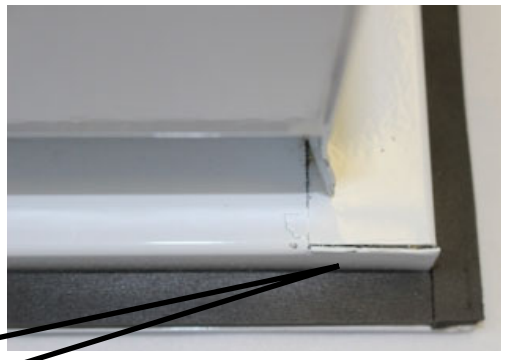
Use 1-5/8 Unistrut (not included) or equivalent support beams on all four sides above the opening edge. The support structure should be suitably rigid and secured to support the weight of the luminaire. *(Minimum thickness of ceiling and framing is 1 1/2", maximum is 2 3/4").*

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

Gasket Installation



For Drywall Gasket Location

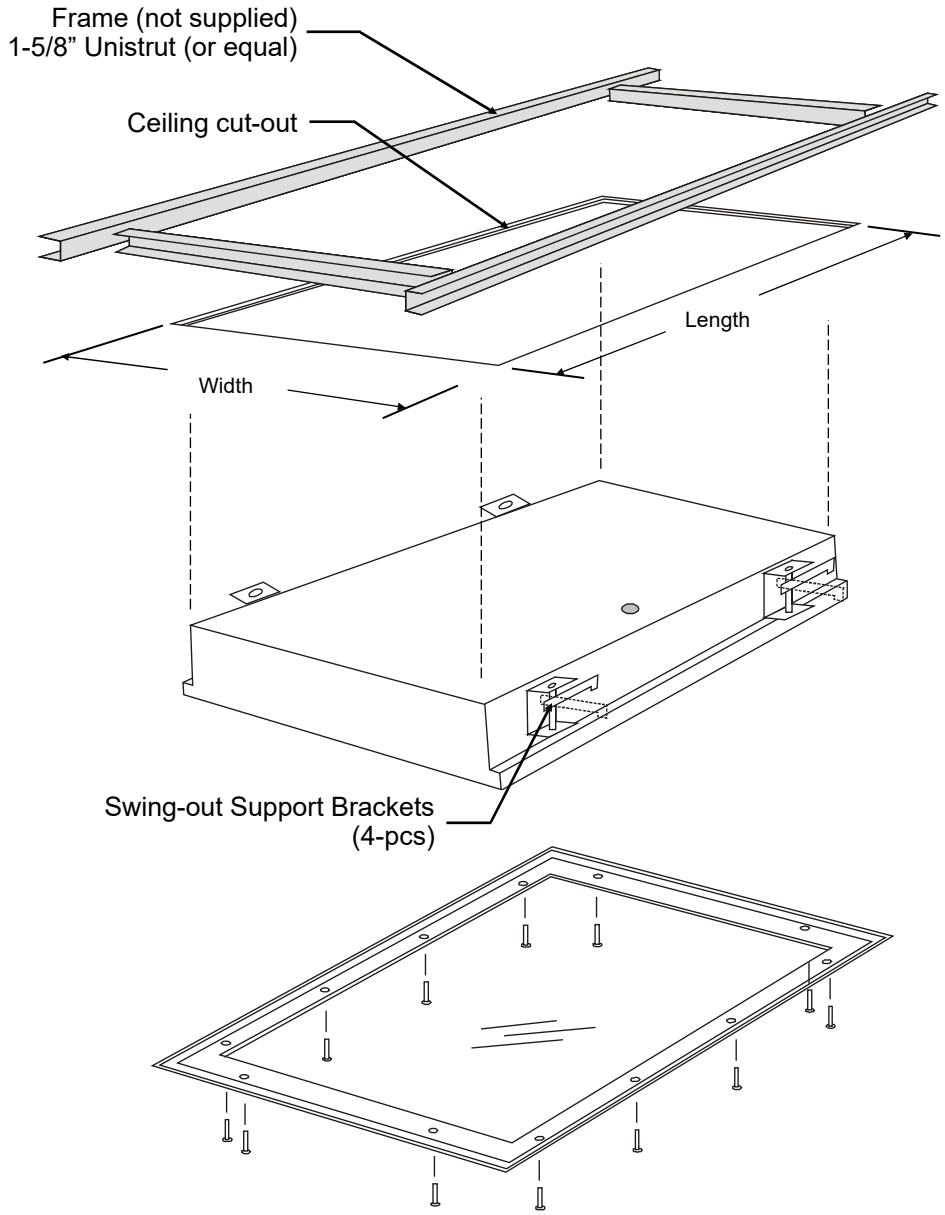


- Align gasket with inside edges.
- Ensure gaskets butt together at corners.

Mounting:

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 self-sealing screws from the luminaire.
5. Insert the 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. Refer to gasket detail.
6. 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.
7. Replace the cover and install suitable lamps (not supplied).
8. Apply site-approved security caulking/compound to any locations or seams that might be used as a ligature point. *(Installer is responsible for the review of the caulking method with the local authority on patient safety before and immediately following the caulking process*
9. 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.

Hard Ceiling Flange Cont'd



Ceiling Cut-Out Dimensions:

Size	Width	Length
1x4	10-7/8 in.	46-7/8 in.
2x2	22-7/8 in.	22-7/8 in.
2x4	22-7/8 in.	46-7/8 in.