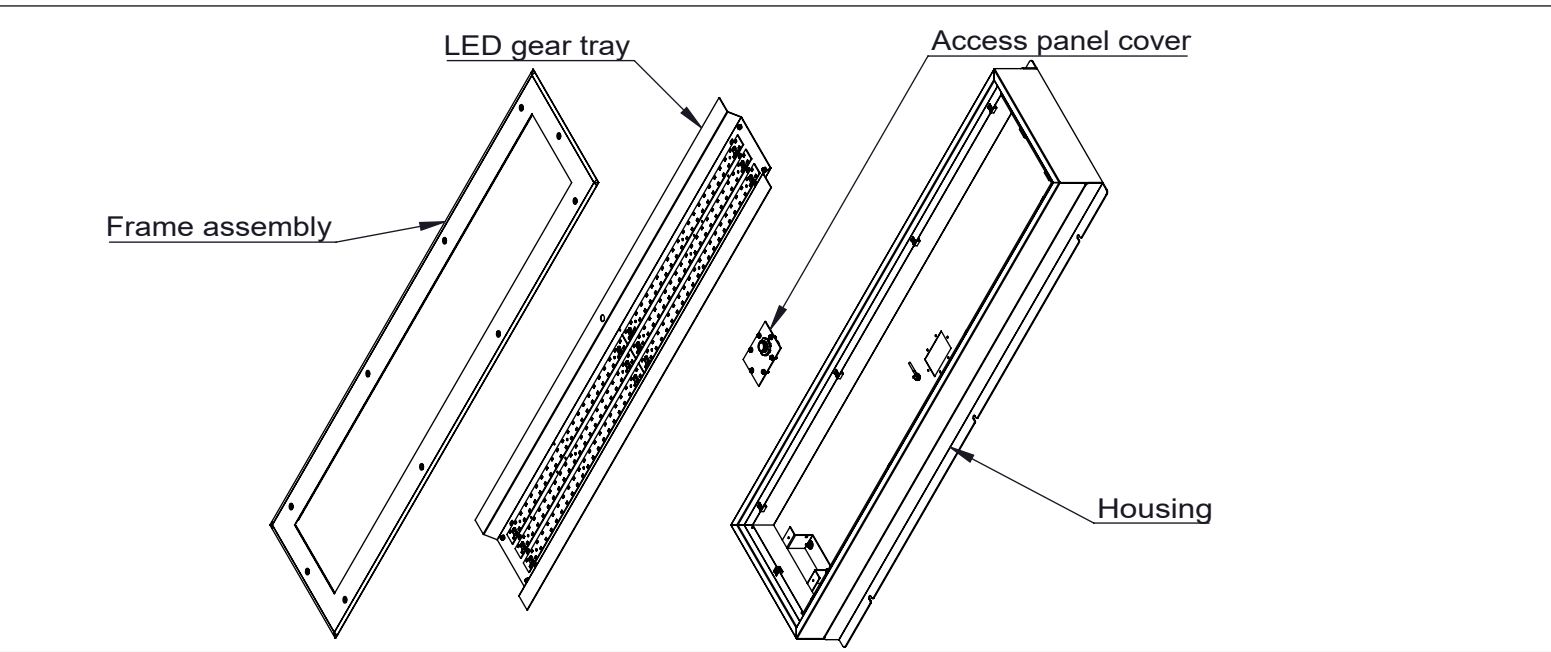
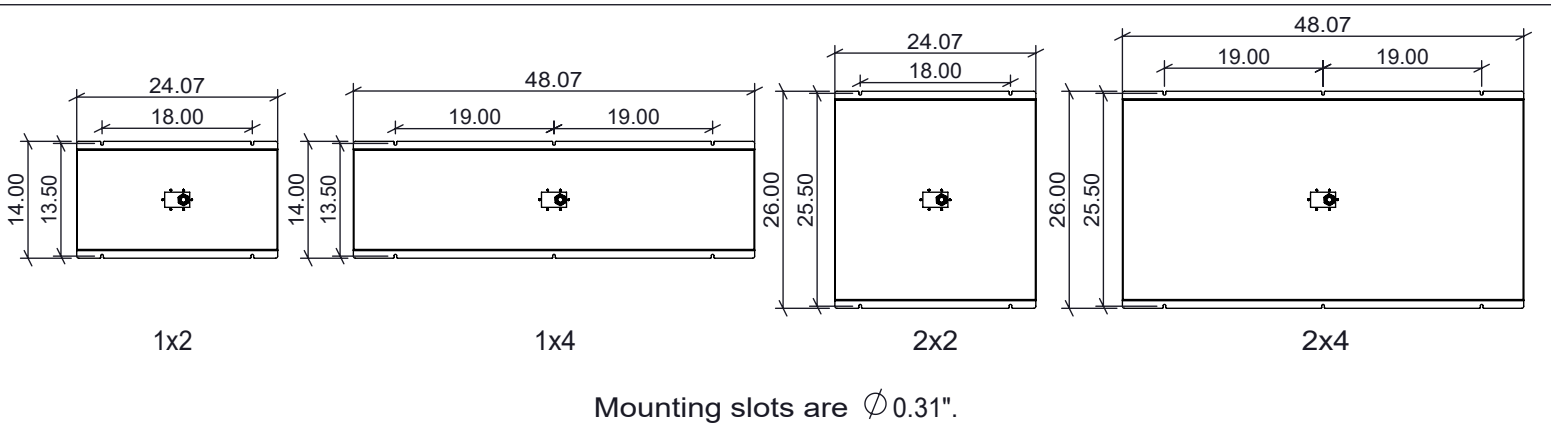


Fixture Family: NVS Series

Description: Hazardous Location Luminaire - Surface Installation

IMPORTANT SAFETY INSTRUCTIONS

- 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.
 - Disconnect power before beginning installation.
 - Luminaire must be installed in compliance with the National Electric Code and any local codes for the hazardous locations involved.
 - To be installed only by a qualified electrician.
- Proper grounding is required to ensure personal safety.
 - Read all markings and labels to ensure correct installation of luminaire.
 - Risk of fire, use minimum of 90C supply connectors.
 - Figures shown in these instructions may not represent all housing, frame, and output configurations. Installation steps will remain the same across configurations. If additional information is needed, please contact New Star Lighting.



Installer is responsible for adequately reinforcing walls and/or ceiling to support luminaire weight.

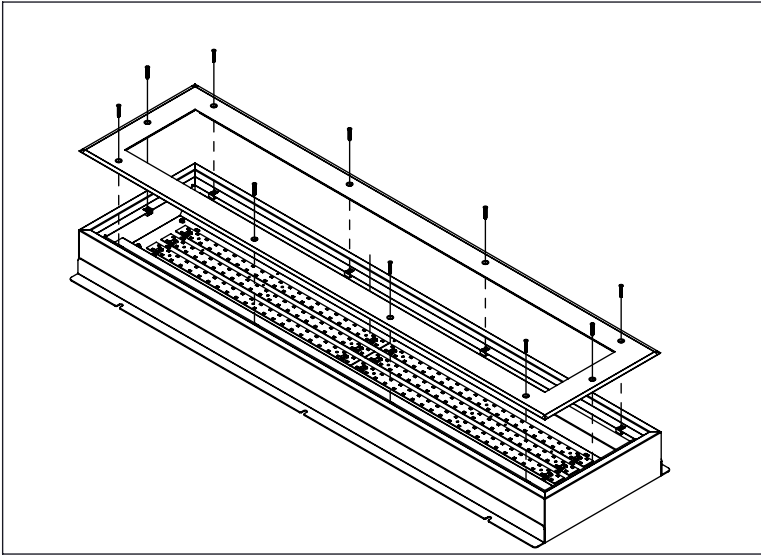


Figure 1

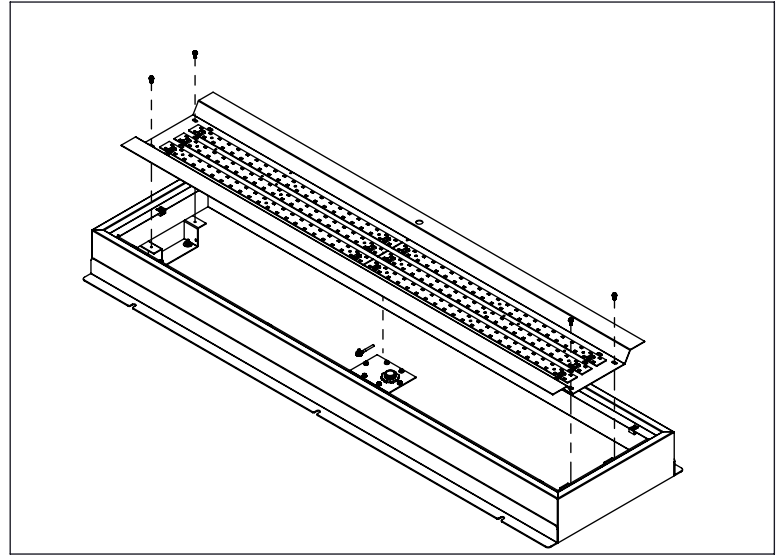


Figure 2

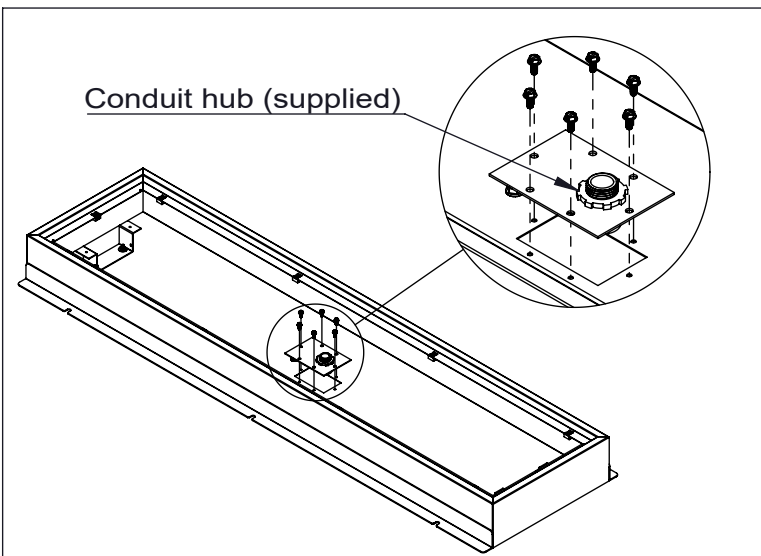


Figure 3

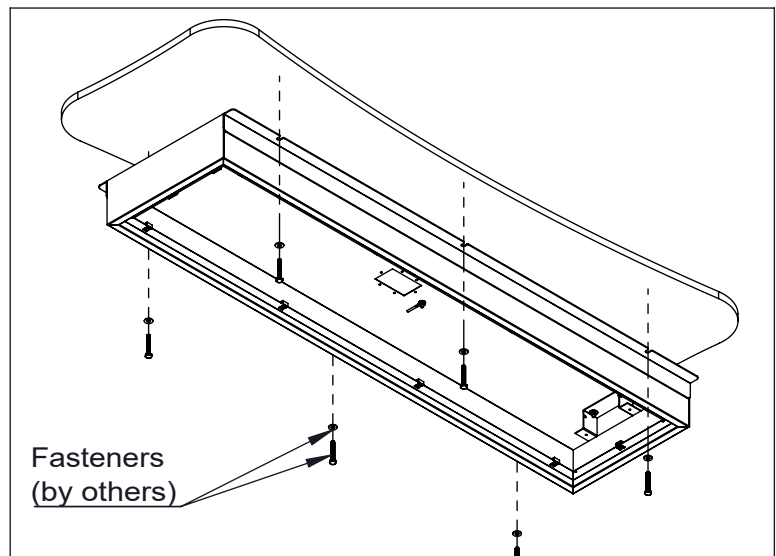


Figure 4

INSTALLATION STEPS

1. Remove frame fasteners, then remove frame assembly (Fig. 1).
2. Remove LED gear tray fasteners, then remove LED gear tray (Fig. 2).
3. Remove access cover panel fasteners, then remove access cover panel (Fig. 3).
4. Raise fixture and mount in desired location, noting where power must enter the fixture (roughly the center as shown on the previous page). Secure fixture to mounting surface using minimum 1/4-20 bolts with washers. Mounting hardware must be stainless steel in wet or damp locations.

Installer is responsible for adequately reinforcing walls and/or ceiling to support luminaire weight.

INSTALLATION INSTRUCTIONS

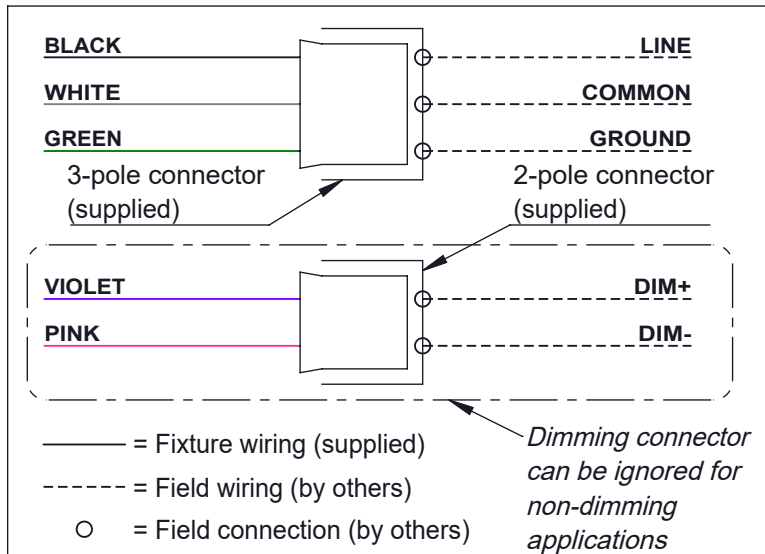


Figure 5

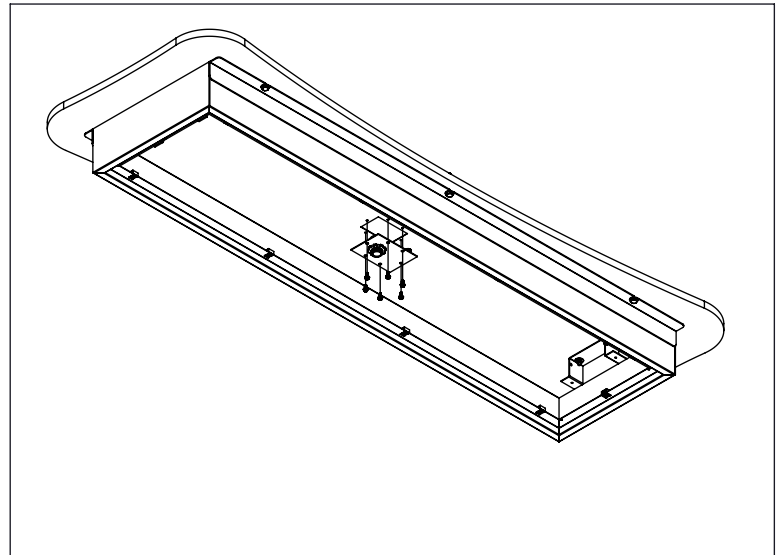


Figure 6

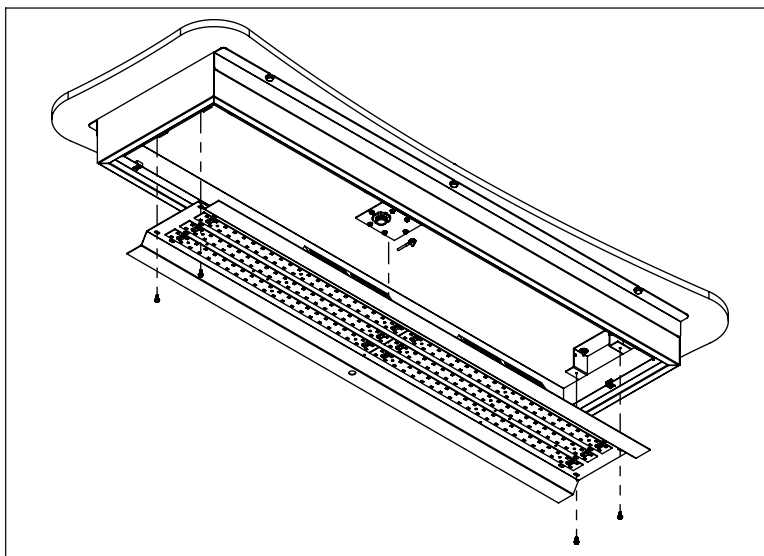


Figure 7

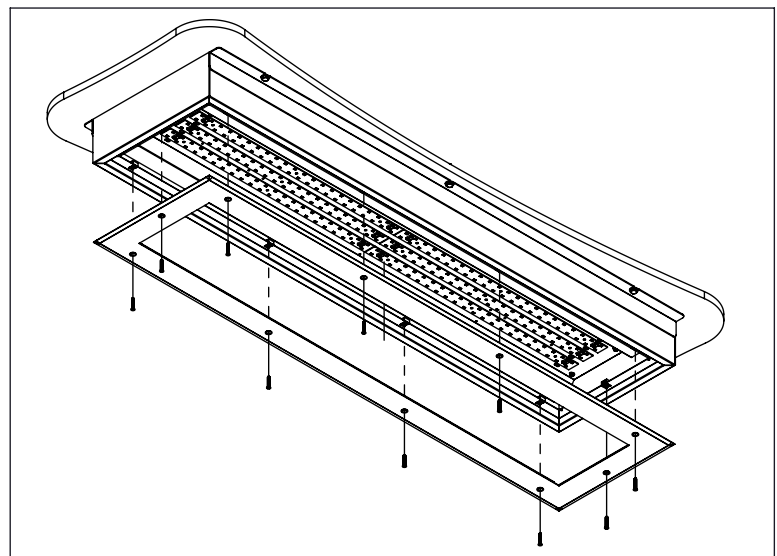


Figure 8

INSTALLATION STEPS

5. Install conduit (by others) to the conduit hub provided on the access cover. Pull the supply wiring conductors through the conduit hub and into the housing.
6. Make all necessary electrical connections according to the field wiring diagram (Fig. 5). All wiring, including dimming wiring, must have insulation rated for the maximum rated voltage of the luminaire (300V).

For fixtures ordered with dimming: Use UL-certified dimming control rated 0-10VDC, suitable for specific ordinary or hazardous locations where control is located.

7. Reattach access cover panel, LED gear tray, and frame assembly (Figs. 6, 7, and 8, respectively) using original fasteners.

Installer is responsible for adequately reinforcing walls and/or ceiling to support luminaire weight.