

Top Access HID Flanged Fixture Installation Instructions for Plaster, drywall or IMP Ceilings

Important Safeguards

When Installing Electrical Equipment, Basic Safety Precautions Must Always Be Followed, including the following:

Do Not Use This Product For Other Than Intended Use.

Caution: Installation Must Be Performed By Qualified Service Personnel.

Installation Shall be done in accordance with the wiring methods given in the NEC, NFPA 70 Art. 410, 500 & 501-4(b). (as applicable)

Use of Accessory Equipment Not Recommended by the Manufacturer May Cause an Unsafe Condition.

Read and Follow All Instructional and Cautionary Labels Found On or In This Fixture.

Read and Follow All Safety Instructions

- 1) With fixture body resting face up on a stable surface, open and remove doorframe, remove top cover which includes the internal reflector and electrical tray. (Removal of electrical tray and doorframe is for your convenience, to reduce the weight for installation.)
- 2) **For ordinary locations:**
Select knockout(s) or 7/8" hole for supply connection. Remove silicone seal from knockout area if provided.
- 3) **For Hazardous Locations:** Create or use the Supply entrance hole in the housing by removing cover plate and opening the revealed knockout using a screwdriver. (For hazardous locations: Use only the Meyers ST-1 hub or a similar hub (not provided). Attach Meyers ST-1 Hub to hole from outside being sure that the gasket mates with the outer surface of the fixture. Tighten securely to housing using the nut provided.
- 4) Remove all debris from the inside of the fixture.
- 5) Ceiling Preparation:
For Drywall, Plaster or Gypsum board ceilings:
Prepare a mounting structure capable of reliably supporting more than the weight of the fixture according to applicable building codes. Ceiling cutout is 23" x 23" inches. A plaster frame is available for creating this cutout in wet plaster ceilings. Take care in creating the ceiling cutout being sure that it is square in shape, having right angles.
For IMP ceilings:
Cut metal surface from both sides so that there is a clear flat and square hole cutout of 23 inches by 23 inches. Secure a metal support on two sides of the ceiling cutout's top surface to distribute the fixtures weight. Take care in creating the ceiling cutout being sure that it is square in shape, having right angles.
Note: Ceiling cutout must be reinforced from above using structural materials capable of supporting the fixtures weight under all loads
- 6) (*This task may require two service people.*) Lift fixture into ceiling cutout and adjust toggle arms so that the swing arm is fully extended and overlaps the ceiling structural channels (by others).
- 7) After you are sure that all four toggle arms are supporting the fixture, tighten each toggle arm evenly, drawing the fixture up into the ceiling. Stop when flange is 1" below ceiling to complete step #6 if required).
- 8) Optional step: Caulk the flange interface at the ceiling to seal the plenum space. (Warning: Be sure to use Site Approved materials. Do not use silicone if surface is to be coated after installation.)
- 9) Attach toggles to structure using appropriate method according to local building codes. Note: This and all other hardware should be plated or stainless steel if installed in a wet or damp location. Use hole in toggle arm to attach seismic support cables according to local codes.
- 10) Install, if removed, the electrical tray from step #1 and secure using the hardware provided.
Thermal Protector Note: There are two locations for the Thermal Protector (TP). The TP should be inserted in the position that is as close as possible to ceiling without being in contact with ceiling materials. Do not install in a manner that would entrap heat near the TP.
- 11) When provided, insert thermal protector through hole in housing side and tighten nuts so that the gasket is tight against the housing.
- 12) Replace TP mounting hole cover if removed during step 11. All housing holes should be sealed.
- 13) Rough in supply conduit and connections according to the NEC and local requirements using minimum 150C supply wiring materials.
Note: In order to avoid condensation buildup within fixtures, seal conduit entry and verify there are no openings of any kind left unsealed.
- 14) Remove any protective films from the reflective or outer surfaces as provided.
- 15) Replace reflector and secure by tightening screws or nuts.
- 16) Install only the rated lamp as marked on fixture.
- 17) Attach hinge cables from door to housing if removed during step #1.
- 18) Tightly secure doorframe and top access cover using a screwdriver. For doorframe: Align and start into the threads of the housing, one screw on two opposite sides while holding frame against the housing. Tighten all screws using a screwdriver.
- 19) Energize fixture with rated voltage from a protected branch circuit.
- 20) Do Not Open or Service Fixture While Energized. Always Disconnect Power from supply before servicing.
- 21) Do Not Operate Fixture when damaged or not completely sealed.
- 22) Cleaning can be performed using ordinary detergent based cleaning agents and cloth or paper towels. All cleaning is to be done de-energized.