

Installation Instructions for: 1x1 Recessed

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.

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 doorframe and remove internal reflector (s).
2. Rough in through open 7/8" hole or knockout the supply conduit and connections according to the NEC and local requirements using minimum 150C supply wiring materials.
3. Prepare a mounting structure capable of reliably supporting more than the weight of the fixture according to applicable building codes. Ceiling cutout is referenced on product spec sheet. Take care in creating the ceiling cutout being sure that it is square in shape having right angles. The fixture mounting bracket is designed to attach to the metal framing surrounding the ceiling cutout. (The metal frame is provided by others.)
4. Place U-shaped mounting bracket (Yoke) in center of ceiling cutout and secure bracket to ceiling structural steel using the two holes on the flange provided. To assist in this attachment, two yoke mounting clips may be used. They are attached with two 8-32 screws and nuts provided. Be sure that the fixture mounting holes will align with brackets during later steps. *These fixtures may require additional support from building structural members to meet local codes. Be sure to follow all building codes applicable to your jurisdiction*
5. Attach the (2) 1/4-20 carriage bolts to the U-shaped brackets so the threads are facing into the room.
6. Attach the fixture to the mounting brackets paying close attention to any orientation markings provided.
7. Pull fixture tightly up to ceiling using the U-shaped bracket (Yoke), nuts and washers provided. This and all other hardware should be plated steel if installed in a wet or damp location.
8. (Optional step: Caulk the flange interface at the ceiling to seal the plenum space.)
9. Install Thermal Insulation Detector in hole protruding outside of the fixture. Secure with nuts provided.
10. Complete wiring of fixture using high temperature wiring connectors. *Remember to position wiring using the provided wire tie so that it remains at all times away from the reflector, lampholder and ballast.*
11. Remove any protective films from the reflector and outer surfaces as provided.
12. Replace reflector and secure by tightening nuts or screws.
13. Install only the rated lamp as marked on fixture.
14. Tightly secure doorframe using a screwdriver.
15. Energize fixture with rated voltage from a protected branch circuit.
16. Do Not Open or Service Fixture While Energized. Always Disconnect Power from supply before servicing.
17. Do Not Operate Fixture when damaged or not completely sealed.

Yoke installed with carriage bolts. Yoke is secured using clips provided or screwed to ceiling structural steel.

Yoke

Carriage Bolts

Mounting Clips and Screws attach yoke to ceiling channel

Structural Steel

Drywall

