

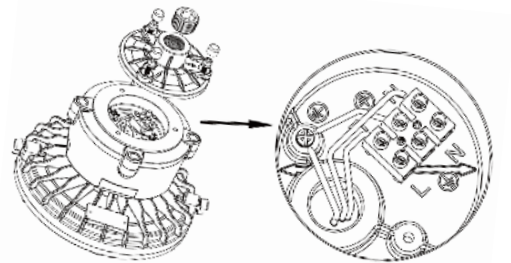
## EXPR Round Explosion-Proof Fixture

Suitable for Class 1, Division 2, (Group A, B, C, D) environments or lower. NOT SUITABLE FOR CLASS 1, DIVISION 1 APPLICATIONS.

**WARNING:** Ensure power is off before installation, wiring, or performing any maintenance on the fixture.  
 $\frac{3}{4}$ " NPT conduit is needed for this installation.

### WIRING DIAGRAM & INSTRUCTIONS

1. Open the wiring compartment and connect the main supply to the terminal block.
2. Close the wiring compartment. **Note:** When installing the conduit, remove the compression nut on the screw thread of the lamp. Seal all entry points as per local code.



Wiring Diagram

### YOKE BRACKET MOUNTING

1. Mark ceiling or wall as appropriate, and drill holes on the marks (Fig. 1).
2. Install expansion shields in holes (Fig. 2).
3. The holes on the bracket align with the expansions shields. (Fig. 3).
4. Tighten the nut of the screws (Fig. 4).
5. Follow steps 1-4 in *Threaded Pipe Mounting*.
6. After installation, connect wiring with suitably listed vapour tight fitting and conduit as per local code. Ensure all joints, threads are properly sealed. Yoke can be adjusted up to 90° to the left or right from vertical position by adjusting the screw on the yoke bracket (Fig. 5, Fig. 6).

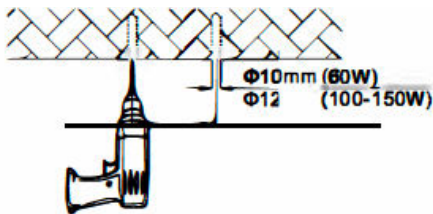


Fig. 1

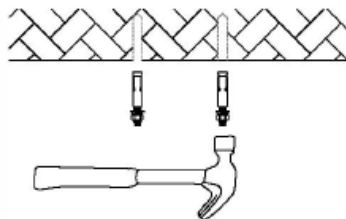


Fig. 2

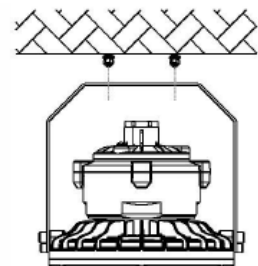


Fig. 3

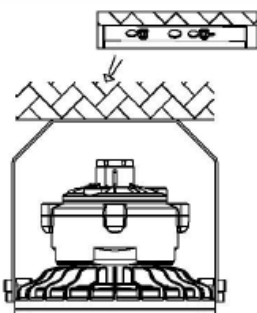


Fig. 4

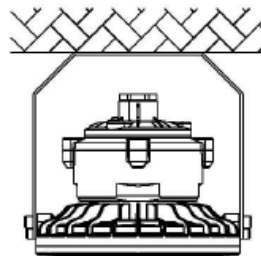


Fig. 4

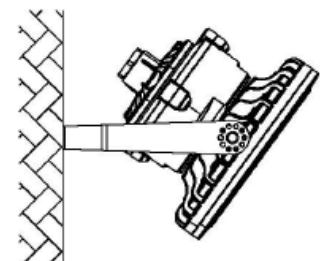


Fig. 5

## THREADED PIPE MOUNTING

1. Unscrew the compression nut on the fixture (Fig. 7).
2. Open the cover.
3. Run the wire through the steel tube and screw the threaded conduit into the fixture (Fig. 8, Fig. 9).
4. Connect the wire to the terminal block and close the top cover.
5. Adjust the fixture in the required position (Fig. 10, Fig. 11, Fig. 12)
6. After installation, connect wiring with suitably listed vapour tight fitting and conduit as per local code. Ensure all joints, threads are properly sealed.

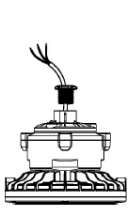


Fig. 7

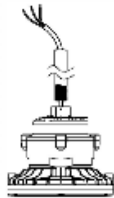


Fig. 8

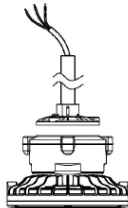


Fig. 9

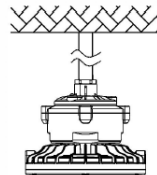


Fig. 10

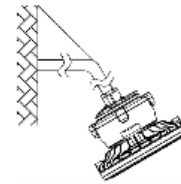


Fig. 11

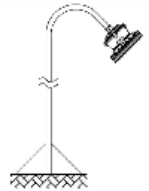


Fig. 12

## SECOND-RETENTION POINT:

1. Wire rope is necessary for the 100W/150W fixture (Fig. 13).
2. Surround the wire rope to the rope fixing position in the middle of the light (Fig. 14).
3. Tighten the wire rope (Fig. 15).
4. Fasten the other end of the wire rope to the outlet box or the mounting structure of the outlet box (Fig. 16).

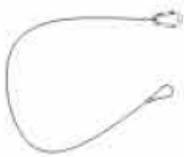


Fig. 13

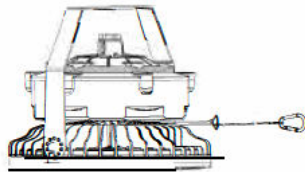


Fig. 14

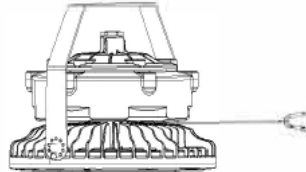


Fig. 15

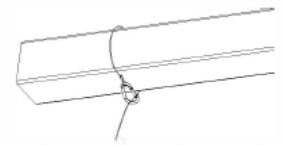


Fig. 16

**WARNING:** Do not use with an electric generator. Observe local code and regulations when installing and maintaining this fixture. Disconnect power prior to installation or maintenance. Proper grounding is required. To avoid possibility of electrical shock or fire, installation should only be performed by qualified personnel. Wear gloves to avoid injury. If any smoke or sparks occur, immediately disconnect power and troubleshoot. Check for any shipping damage. Read the installation instructions carefully. Min 75°C supply conductor.

**AVERTISSEMENT:** Les fils d'alimentation 90°C min. Ce produit doit être installé selon le code d'installation pertinent, par une personne qui connaît bien le produit et son fonctionnement ainsi que les risques inhérents.