

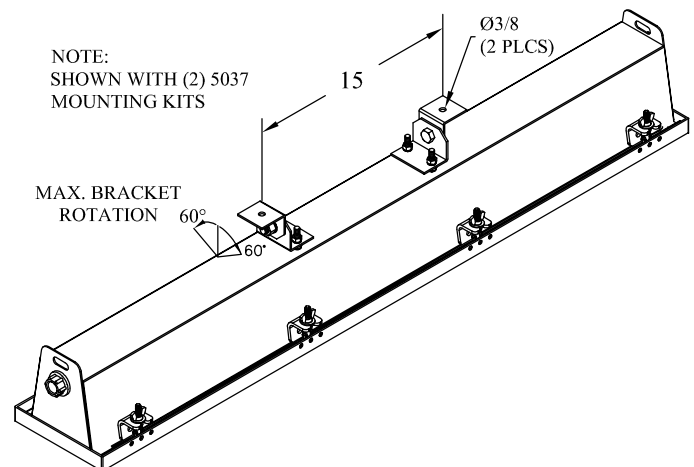
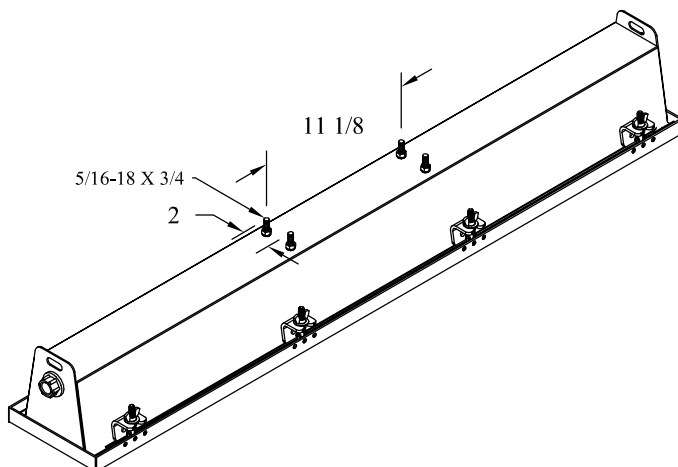
## Mounting Instructions

1. Make sure that the power is disconnected to the conduit system before installing the fixture.
2. The fixture is designed to mount directly to a structure utilizing the bolts protruding from the back, or by using the 5037 adjustable mounting bracket accessory kits.
3. If mounting direct, it is recommended to use a 3/8" diameter clearance hole as per the pattern dimensions shown below. Caution - Do not remove the nuts that are securely tightened against the back of the housing. After hole pattern has been drilled into the structure, position the fixture in place and secure with the 5/16-18 nuts and lock washers provided.
4. Fixture is now ready for mounting. It is strongly suggested to use two qualified trades people to proceed with the final mounting of the fixture to avoid any possible personnel injury or damage to the fixture and will be slightly awkward to hold into position and attach to brackets mounted on wall or ceiling. Depending on mounting height, scaffolding, hydraulic man-lift or two good quality ladders should be used.

**NOTE: DO NOT LET FIXTURE HANG OR FLEX ON ONE BRACKET AT ANY TIME. FAILING TO COMPLY WILL RESULT IN A BREAKAGE OF BRACKET AND POSSIBLE INJURY OR DEATH.**

5. Power leads are shipped protruding from hub to reduce time of installation.
6. Make necessary wire connections. (Removal of lamps & reflector is optional, see maintenance)
7. Restore power to fixture.

**WARNING: To avoid the risk of severe electric shock, this unit must be properly grounded and the power disconnected prior to installing or servicing.**



# RigPro Quantum Series Fluorescent Luminaires

## Maintenance Instructions

IF LBL1380

**SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE**

**Note: All the following instructions are meant for skilled trades people only. We strongly recommend that only skilled trades people service this product.**

This series of fixtures are an aluminum fluorescent designed for long maintenance free life. The only components requiring replacement on a regular basis are the lamps. As most fluorescent lamps are designed for 20,000 + hour operation, replacement should be required every 3 to 4 years (based on a 15 hour operation per day).

### A. Lamp replacement for F32T8 or F40T12 Bi-Pin design

**Tools required: no tools required for entry**

1. **Turn off power source to fixture.**
2. Open fixture door by loosening all wing nuts down one side (3 on 2' model, 4 on 4' model), allowing door to open and to hang from opposing swing bolts.
3. **Remove old lamp by rotating 90 degrees**, then lift lamp from socket and angle in fixture housing until it is clear of inner flange.
4. Replace both lamps (using lamps of equal specifications) to maintain maximum lumen output.
5. For installation of new lamps repeat procedure 3 in reverse making sure that the lamp is rotated 90 degrees in the socket to lock into place.
6. Close fixture door making sure the door is properly seated onto the housing flange for gasket seal, seat swing bolts into slot on the housing brackets and tighten securely.
7. Restore power to fixture.

### B. Lamp replacement for two F48T12 HO design

**Tools required: no tools required for entry**

1. **Turn off power source to fixture.**
2. Open fixture door by loosening all wing nuts down one side (3 on 2' model, 4 on 4' model), allowing door to open and to hang from opposing swing bolts.
3. Depress spring-loaded sockets and remove lamp. If difficulty occurs, use **insulated screwdriver in between lamp and socket** to assist in lamp removal.
4. **(Caution: Use of excessive force when replacing lamps may result in damage to sockets or lamps and may cause bodily injury.)**
5. Replace both lamps (using lamps of equal specifications) to maintain maximum lumen output.
6. Close fixture door making sure the door is properly seated onto the housing flange for gasket seal, seat swing bolts into slot on the housing brackets and tighten securely.
7. Restore power to fixture.

### C. Ballast replacement

**Tools required: 3/8 nut driver or socket, wire cutters & compression tool if connectors are used.**

1. **Turn off power source to fixture.**
2. Remove lamps as per above instructions.
3. Remove wing nuts holding reflector in place (one at each end) and remove reflector.
4. Disconnect power leads (black and white wires).
5. Cut leads from sockets to ballast at 6 inches (15 cm.) from ballast.
6. Remove 10-32 nuts holding ballast in place (qty 2 or 4)
7. **Replace ballast with the same brand and rating to maintain the CSA approval on this product (not all ballasts are approved for use in hazardous area fixtures). Consult factory before installing a ballast that is not identical.**
8. Hold ballast in place and secure with same nuts as previously removed.
9. Connect wires with an approved wire nut or compression connector making sure to match the same colored leads coming from each socket.
10. Connect power leads to ballast (black and white wires).
11. Replace reflector using the 10-32 wing nuts removed during step 3.
12. Replace lamps as per above instructions.
13. Close fixture door making sure the door is properly seated onto the housing flange for gasket seal, seat swing bolts into slot on the housing brackets and tighten securely.
14. Restore power to fixture.

All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Crouse-Hinds "Terms and Conditions of Sale", and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.