INSTALLATION AND ASSEMBLY INSTRUCTIONS
SC SCOTTSDALE® TO CRO3 CROSSOVER® KIT

WARNING: Failure to follow instructions could result in damage to product and void warranties!
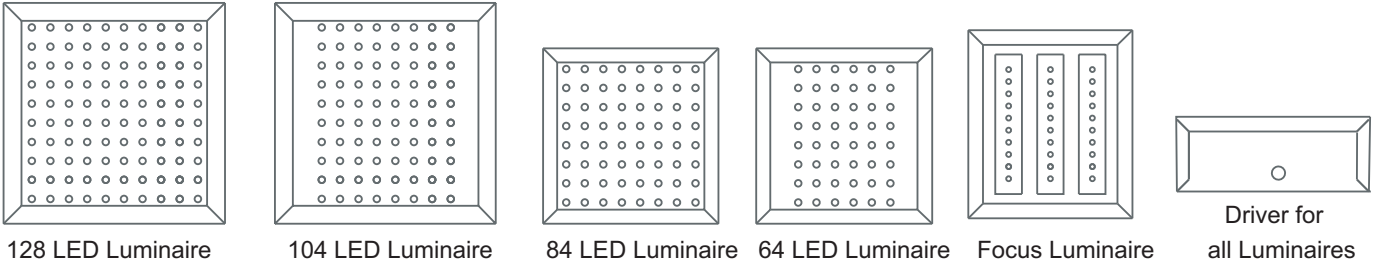
WARNING: Risk of fire or electrical shock. Disconnect power before installing or servicing.

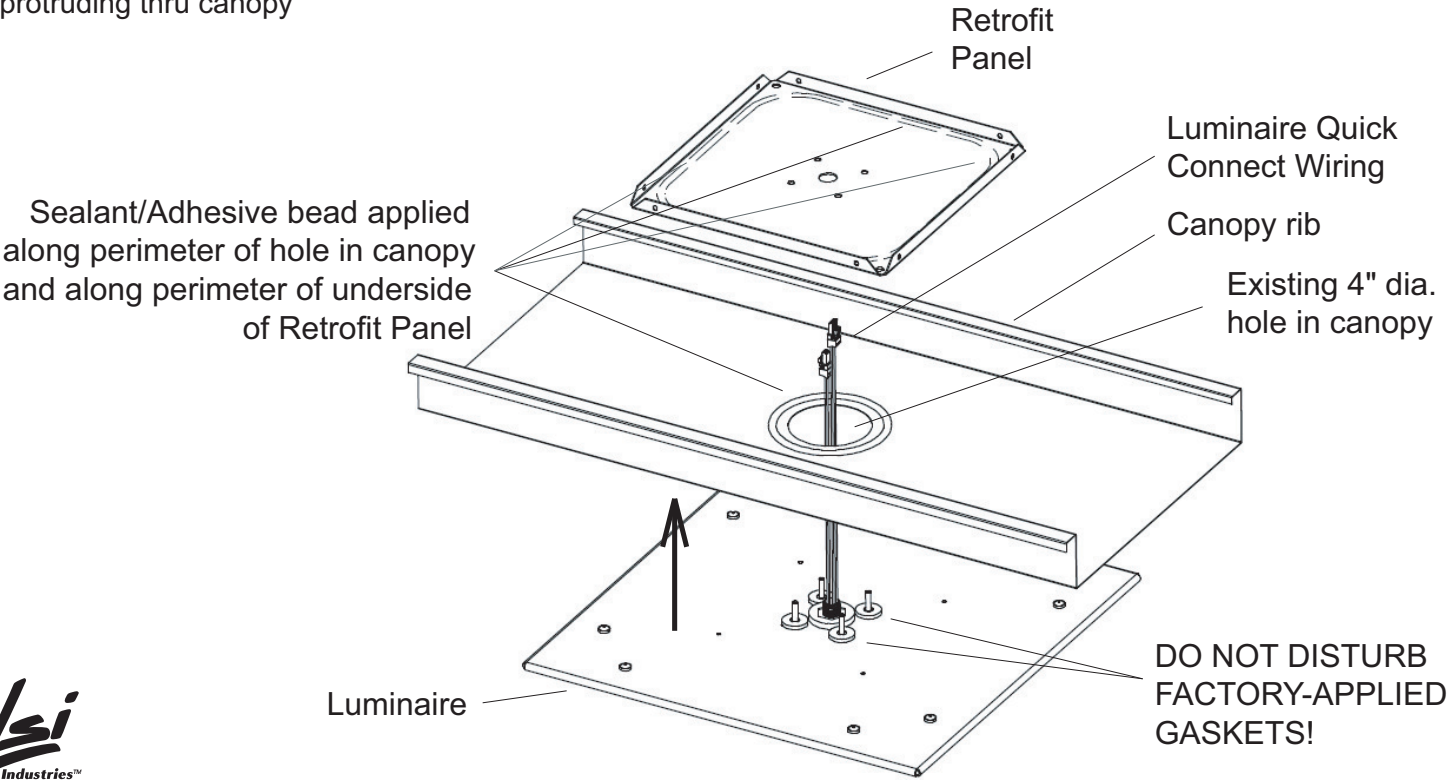**IMPORTANT:** Kit is intended for replacing LSI's model SC Scottsdale® ONLY!

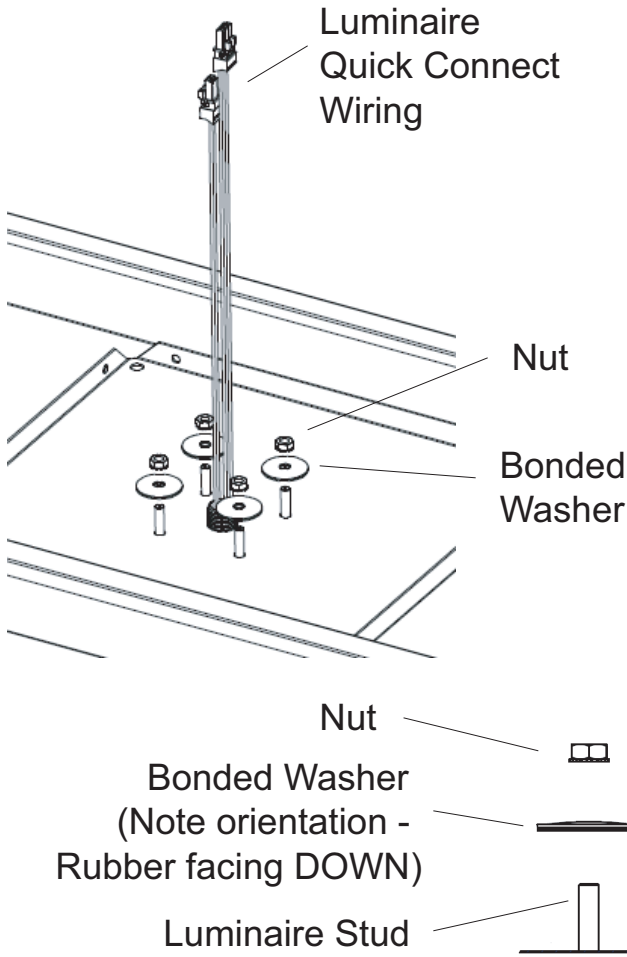Suggested Tools : Ratchet with 7/16" deep well socket, flat-blade screwdriver, caulk gun

1. This kit includes retrofit panel. **NOTE: Use this instruction sheet ONLY.**
2. Unit is shipped in 4 parts: Luminaire, Driver Box with conduit stem kit inside, Retrofit Panel, and Crossover® Specification Grade Sealant/Adhesive.
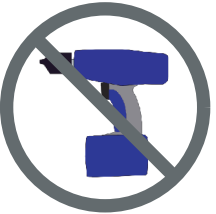

| 128 LED Luminaire | 104 LED Luminaire | 84 LED Luminaire | 64 LED Luminaire | Focus Luminaire | Driver for all Luminaires |

3. Remove old Luminaire completely from canopy. This will leave a 4" diameter hole in canopy.
4. On top of canopy, clean the entire surface where Retrofit Panel will mount. Remove any dirt, debris, old paint, and rust scale. Apply a bead of Crossover® Specification Grade Sealant/Adhesive (supplied) around 4" dia. hole in canopy. **NOTE: This Sealant can be applied and cured onto wet surfaces!!!**
5. Hold backside of Luminaire up to canopy. Feed Quick Connect wiring thru center hole in canopy. Push Luminaire up into canopy.
6. Apply a bead of Sealant/Adhesive (supplied) around perimeter of *underside* of retrofit panel. Feed Luminaire Quick Connect wiring thru center hole of Retrofit Panel. Place Retrofit Panel over threaded nipple and (4) studs protruding thru canopy
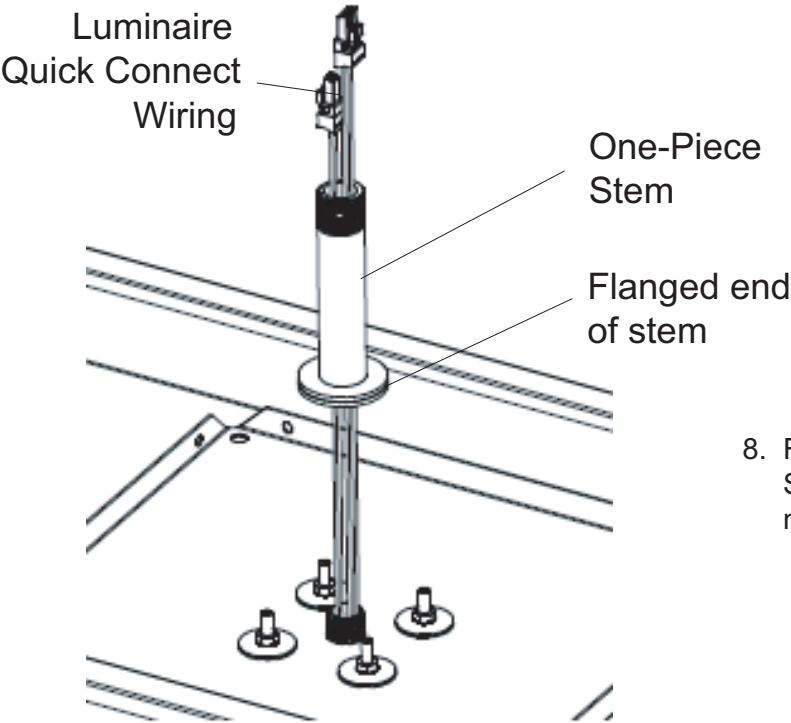

Retrofit Panel
Luminaire Quick Connect Wiring
Canopy rib
Existing 4" dia. hole in canopy
Sealant/Adhesive bead applied along perimeter of hole in canopy and along perimeter of underside of Retrofit Panel
Luminaire
DO NOT DISTURB FACTORY-APPLIED GASKETS!

SC to CRO3 KIT, cont'd.

Luminaire Quick Connect Wiring
Nut
Bonded Washer
Nut
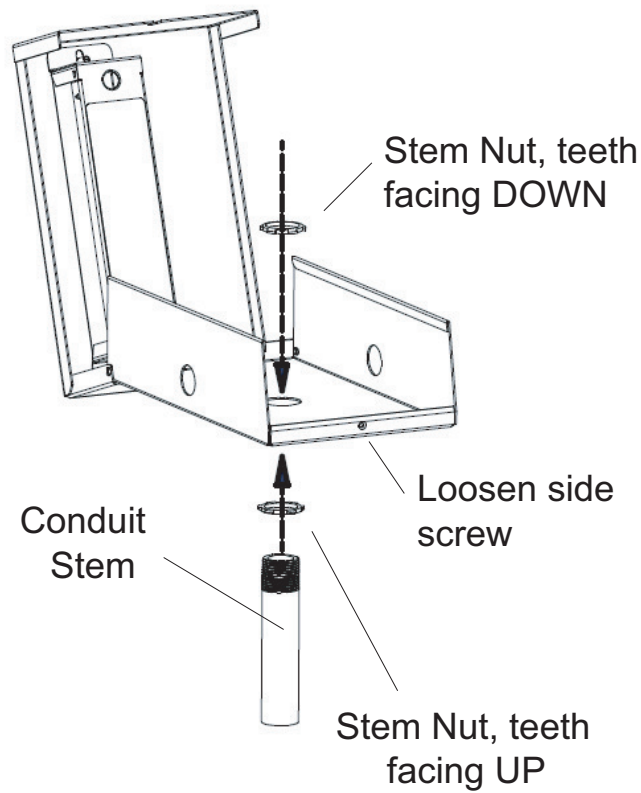Bonded Washer (Note orientation - Rubber facing DOWN)
Luminaire Stud

7. "Square" Luminaire up to canopy ribs. Center Luminaire studs into canopy hole and secure Luminaire to canopy using supplied washers and nuts.
   - **Warning! Do not over-tighten nuts. Torque specification is 30-40 in. lbs. (Drill driver NOT recommended--risk of stainless galling and incorrect nut torque!)**

Torque (4) nuts to 30-40 IN-LB.

Luminaire Quick Connect Wiring
One-Piece Stem
Flanged end of stem

8. Feed Luminaire Quick Connect wiring thru One-Piece Stem, flanged end first. Thread Stem onto Luminaire nipple. Hand-tighten ONLY!

Stem Nut, teeth facing DOWN

Loosen side screw

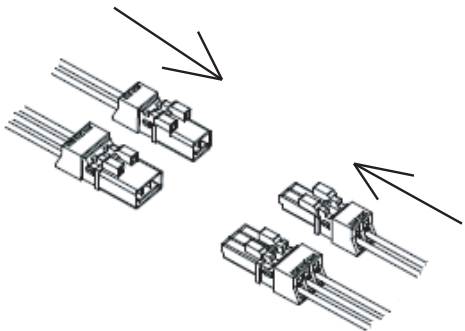Conduit Stem

Stem Nut, teeth facing UP

9. Open driver box top from box bottom by loosening side screw and rotating top upward. Secure box bottom to One Piece Conduit Stem. With (1) Stem Nut in hand - locking teeth facing UP - feed Luminaire Quick Connect Wiring thru Nut, then thread nut onto One-Piece Conduit Stem external threads; fully thread Nut all the way down One Piece Stem until it stops. Feed Luminaire Quick Connect Wiring thru box bottom, then lower onto One Piece Conduit Stem. With other Stem Nut in hand - locking teeth facing DOWN - feed Luminaire Quick Connect Wiring thru nut, then thread onto One-Piece Conduit Stem and tighten down.
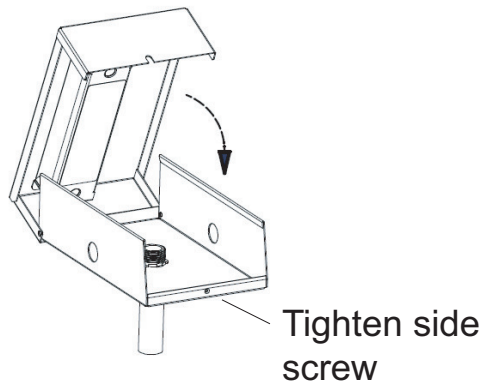
IMPORTANT: The following instructions are for qualified electricians only!

10. Run supply wiring to box bottom.
    NOTE: K.O.'s are 1/2" conduit size.
    Secure to box bottom.

©2010 LSI Industries Inc.

LSI Industries Inc.   10000 Alliance Road   Cincinnati, Ohio 45242   (513) 793-3200   Fax (513) 793-0147   www.lsi-industries.com
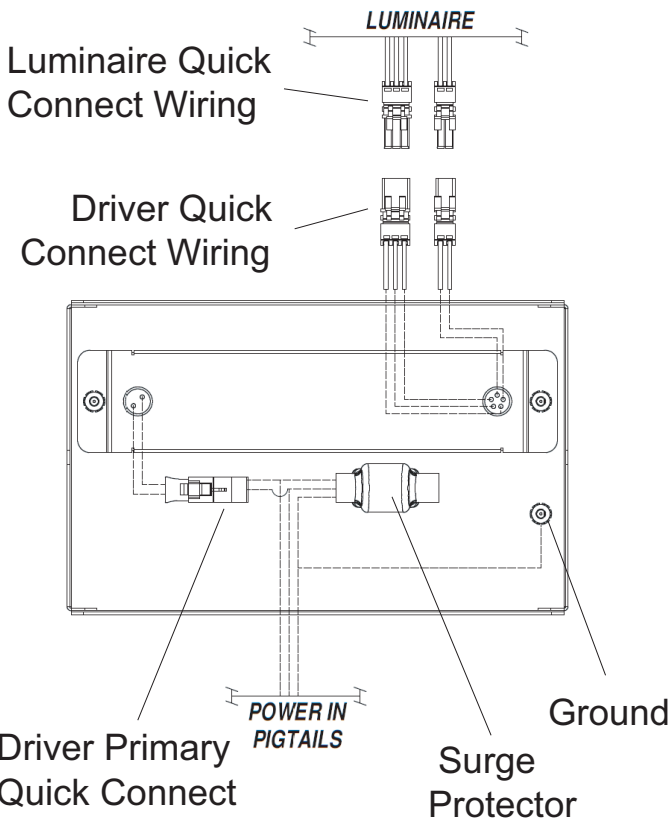
---

11. Make necessary supply wiring connections to supplied Primary Driver pigtail wires using appropriate wire connectors. Connect Luminaire Quick Connect Wiring protruding from One-Piece Stem to Driver Quick Connect wiring.

LUMINAIRE

Luminaire Quick Connect Wiring

Driver Quick Connect Wiring

POWER IN PIGTAILS

Driver Primary Quick Connect

Surge Protector

Ground

12. Use included wire tie to secure incoming wires.

13. Flip box top over box bottom. Ensure all wiring is inside box and that no wires are pinched. Make sure wire tie keeps wires together to prevent pinching! Secure to box bottom with side screw.

Tighten side screw

14. If installing Focus (CRO3 FO) model, adjust each light strip until satisfied. Use a 7/32" rounded Allen key. A 5.5 mm Allen key will work as well.

15. CLEANING DIRECTIONS: Use mild soap solution and soft cloth to clean. Wrap finger in cloth to swipe any crevices.

Installation Questions?
Call LSI Field Service Department at:
1-800-436-7800 Ext. 3300
Fax: 1-877-861-1368

LSI Industries Inc.   10000 Alliance Road   Cincinnati, Ohio 45242   (513) 793-3200   Fax (513) 793-0147   www.lsi-industries.com