

INSTALLATION AND ASSEMBLY INSTRUCTIONS  
CSK3 UNV CROSSOVER® UNIVERSAL SUPERKIT®  
LSI MA/DA MASTERS®/DAKOTA®, Whiteway TD/RA/VN,  
JET-PHILIPS RHO/SHO, & GUARDIAN MC-1411 SERIES



**WARNING:** Failure to follow instructions could result in damage to product and void warranties!

**WARNING:** Risk of fire or electrical shock. Disconnect power before servicing.

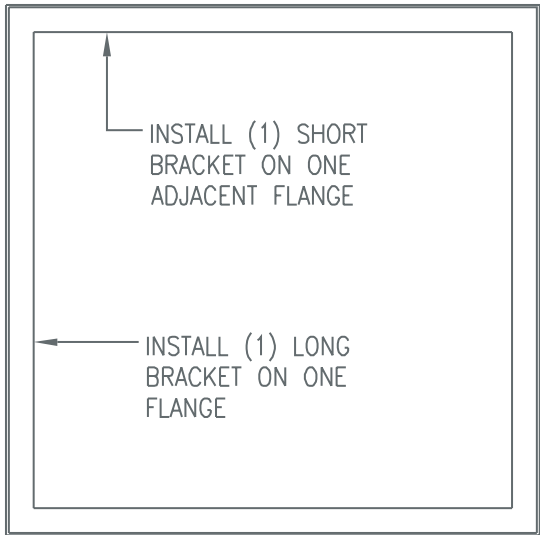
**Suggested Tools:** Philips head screwdriver, small non-metallic mallet.

1. Unit ships in (5) parts: Luminaire and (4) Inner Flange Brackets
2. Open and remove lens frame assembly. Remove lamp, door screw clip, reflector, and ballast cover.
3. Disconnect incoming power supply leads from old ballast. Inspect condition of existing supply wiring. Should wiring show signs of degradation due to excessive heat, replace incoming power leads with 90C minimum conductors.
4. Inspect existing luminaire housing for leaks; seal any holes with sealant (not supplied).

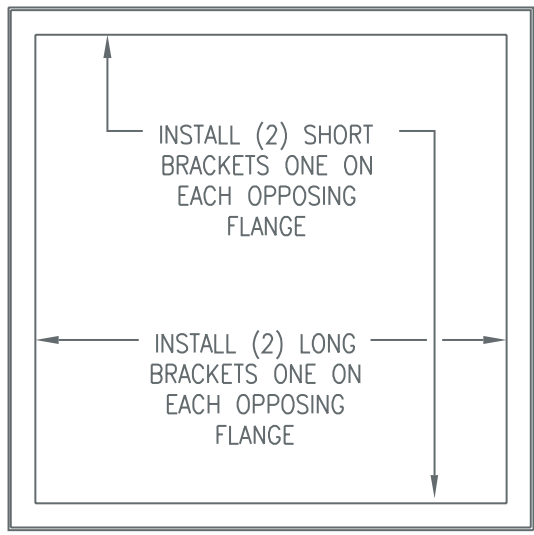
**NOTE:** If installing kit into Spaulding luminaire, remove socket.

**IMPORTANT:** Use a non-metallic mallot when installing adaptor brackets in next step!

5. Inner Flange Brackets (4 total - 2 short and 2 long) are supplied so Superkit will install in many housings. Measure outside of luminaire housing:
  - a. If **21-3/4"** square, **(1) short and (1) long adaptor bracket** are required. See Figure A.
  - b. If **23"** square, **(2) short and (2) long brackets** are required. See Figure B.
  - c. If **21"** square, no adaptor brackets are required. Proceed to step 6 on next page.



**Fig. A.** With pliers, snap off both ends of (1) long bracket at both slots. Install into one side of housing flange. Install short bracket over adjacent housing flange.



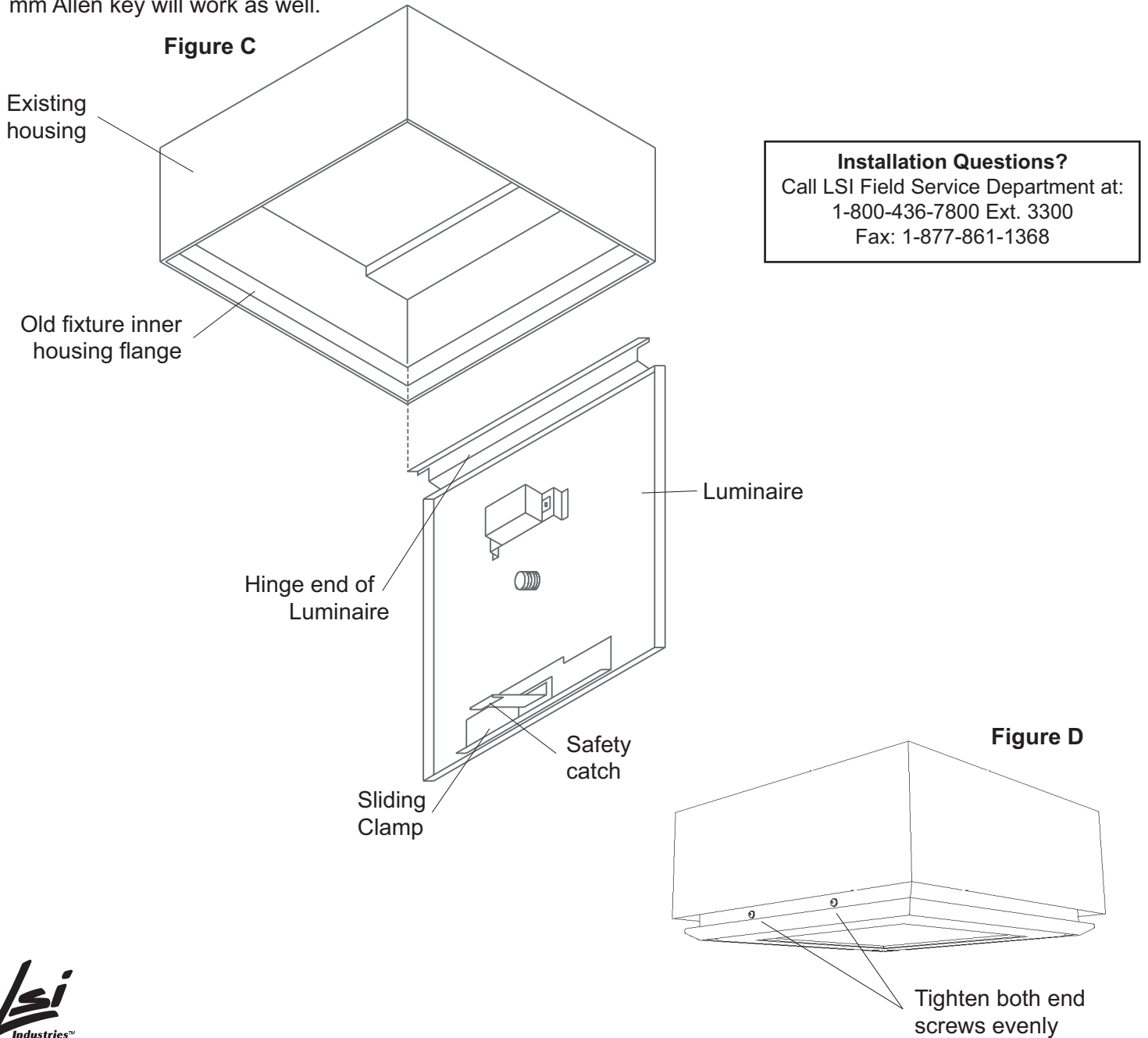
**Fig. B.** Install (2) long brackets onto opposing housing flanges. Install (2) short brackets over remaining housing flanges.

CSK3 UNV SUPERKIT®, cont'd.

6. Hang Luminaire from housing flanges by hanging from hinge end, and then sliding back against flange. See Figure C. **NOTE: Focus models should be positioned to face dispenser!**

**IMPORTANT:** Following steps for qualified electricians only!

7. Make wiring connections from driver primary side to supply wiring, per National Electrical Code and local code. Make sure to use existing housing ground along with new Luminaire's ground.
8. Secure supply wires using supplied wire tie on panel.
9. Loosen (do not remove) both sliding clamp screws. Make sure both are loose enough so that sliding clamp can be slid back enough to go past inner flange.
10. Swing panel upwards, so safety catch is engaged.
11. While holding panel upwards in place, evenly drive both end panel screws to pull slide bracket into place. See Figure D.
12. 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.



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

