

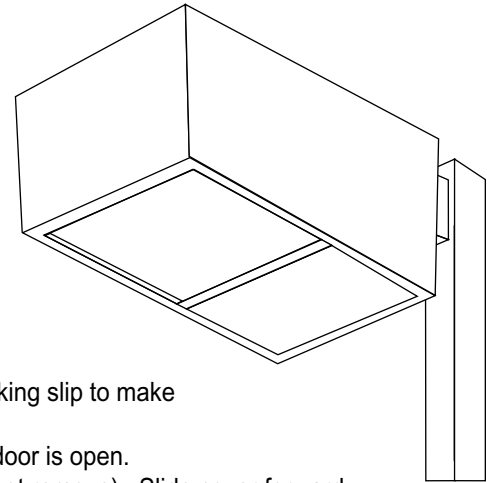
# INSTALLATION AND ASSEMBLY INSTRUCTIONS

## CITATION<sup>®</sup> CTL / CT2H / CT2V / CTS LUMINAIRE SERIES

**NOTE:** GR option (Ground Relamp) fixtures must use kit #161716. Use those instructions to install lamps.



Listed for wet locations



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

**WARNING:** Verify the existing input voltage and choose matching voltage on multi-tap ballast before wiring.

### LUMINAIRE PREPARATION

1. Remove luminaire from packaging, taking care to protect lens and luminaire finish. Check packing slip to make sure all parts are present before proceeding.
2. Loosen door fasteners and open door. Do not put pressure on the inside of door frame when door is open.
3. If the luminaire has a reflector as shown in Fig. 2, 3, 4, 6, or 7, loosen ballast cover screw (do not remove). Slide cover forward and set aside. If luminaire is equipped with reflector shown in Fig. 5, remove whole reflector.

### ARM ASSEMBLY

4. Lay pole on raised surface. Protect pole finish with soft cloth. See Fig. 1.
5. Insert nut plate into pole end, so the large center hole is closest to the pole end. Thread both all-thread rods into nut plate.
6. Slide arm over all-thread. Position luminaire over arm. Secure luminaire using flat washer, lock washer, and nut (in that order), then tighten. Repeat for other all-thread.
7. Feed wire from luminaire through bracket and into pole.

**NOTE:** Field mounting connections are to be made in such a manner so as to exclude water from wireway.

### WIRING CONNECTIONS

**NOTE:** Wiring to be performed by qualified electrician only.

**WARNING:** Risk of electrical shock. High temperatures inside luminaire. Make certain supply wiring is not "hot" before wiring. Make certain line voltage corresponds with ballast's primary voltage. See ballast label.

**IMPORTANT:** Supplied pigtail wiring is rated 150 degree C!

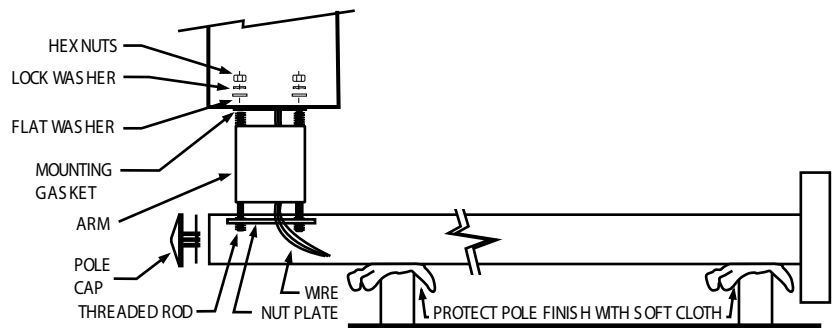


FIG. 1

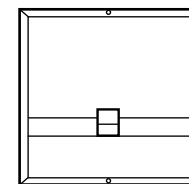
8. Wire luminaire per local code and the National Electrical Code.
9. Direct wiring away from ballast and reflector using wire tie provided.

### LUMINAIRE ASSEMBLY

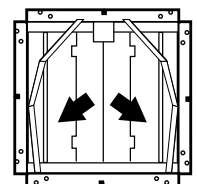
10. Reinstall ballast cover. Secure by tightening screw. If reflector is type in Fig. 5, replace reflector.
11. Clean surface of reflector, plus inside and outside of door lens, with soft cloth and non-ammonia, non-static cleaner.
12. Check to make sure lamp type and wattage are the same as shown on luminaire label. To ensure best contact in socket, tighten, loosen, and then retighten lamp. Wipe lamp with a soft, dry, clean cloth.

**NOTE:** If lamp is dirty, operating hours and performance will significantly decrease.

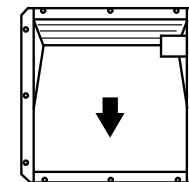
13. Close door and tighten fasteners. Install pole cap.
14. The luminaire/pole assembly is now ready for installation to anchor bolts. When erecting pole, use belts, slings or ropes - do not use chain or cable. Do not attach at luminaire arm.
15. Install base cover if supplied.



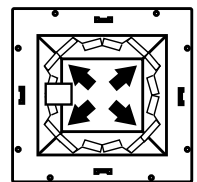
TYPE "A" - Horizontal  
FIG. 2



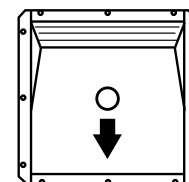
TYPE III - Horizontal  
FIG. 3



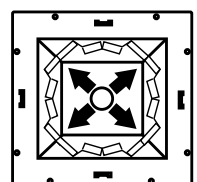
TYPE FT - Horizontal  
FIG. 4



TYPE V  
FIG. 5



TYPE FP - Vertical  
FIG. 6



TYPE V - Vertical  
FIG. 7

FIG. 3-7 arrows depict light distribution.



**Installation Questions?**  
Call LSI Field Service Department at:  
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