

PLCS Series, cont'd.

G. USING OPTIONAL ADJUSTABLE SLIPFITTER ON POLE TENON - FIGURES 10 & 11

1. Remove both screws securing slipfitter access cover; set aside. Separate the 2 slipfitter halves by removing center pivot bolt. With lower half in hand, feed supply wiring wiring through lower half and out wireway hole.
2. Secure lower half onto tenon bracket using (4) set screws provided in slipfitter. Be sure slipfitter is correctly aligned for proper luminaire aiming. Tighten all (4) to **5 FT-LBS**.
3. Feed supply wiring from lower half into the upper half of slipfitter and secure the 2 halves back together by re-installing pivot bolt, flat washer and lock washer. **Be careful not to pinch supply wiring.** When securing, be sure the correct aiming angle is achieved for proper light output. Tighten this bolt to **50 FT-LBS**.
4. Feed luminaire wiring into upper half of slipfitter and secure luminaire onto studs in upper half of slipfitter using hardware supplied with luminaire. Tighten both nuts to **25 FT-LBS**.
5. Make wiring connections in slipfitter hub using suitable wiring connectors. Install access cover using both screws.
6. If necessary, make final adjustments of slipfitter. Install 1/4" self-drilling screw (supplied) thru lower half of slipfitter and into tenon.

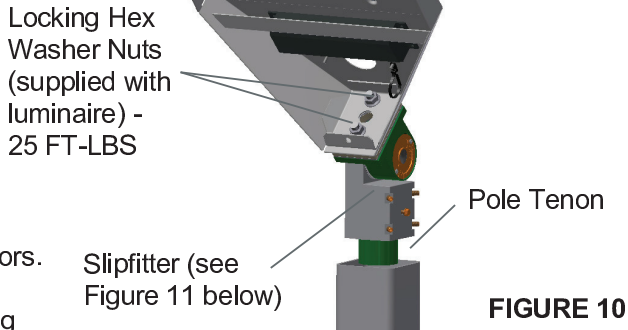


FIGURE 10

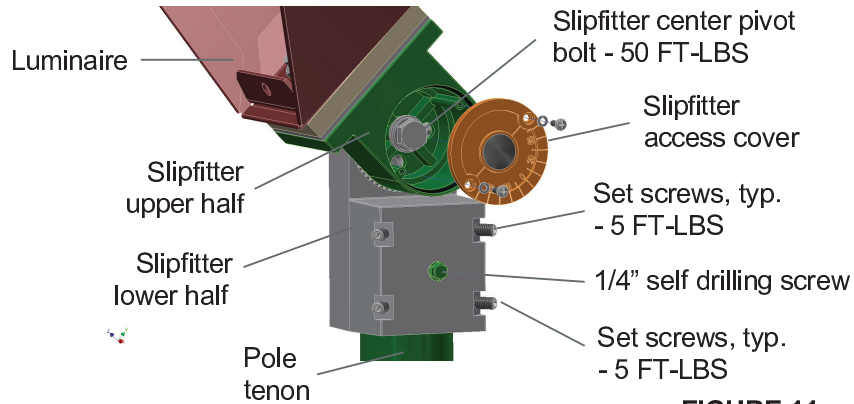


FIGURE 11

WIRING CONNECTIONS

**WARNING:** Wiring to be performed by qualified electrician! Wire per National Electrical Code and local code, as shown in Figure 12. Wire dimming circuit as Class 1.

**NOTE:** PLCS series is supplied with leads for connection to both supply wiring and dimming leads (0-10V) - use Figure 12 for wiring.

IMPORTANT WIRING INFORMATION - Risk of electrical shock!

- \* Make certain supply wiring is not "Hot" before wiring luminaire.
- \* Make certain supply voltage corresponds to luminaire voltage, as marked on luminaire label, located on inside of access cover.

COMPLETING LUMINAIRE ASSEMBLY

1. Reinstall access cover, and secure by turning access cover screw CW (clockwise).
2. Install pole cap (if supplied).
3. The luminaire and 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 to luminaire or arm!
4. Set and level anchor bolts using nuts and washers provided.

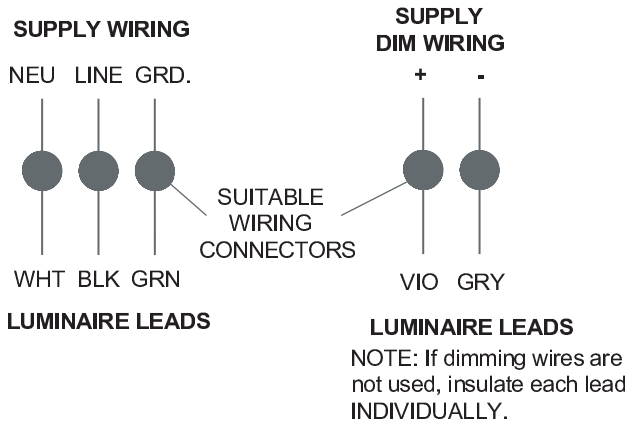


FIGURE 12

INSTALLATION AND ASSEMBLY INSTRUCTIONS

PLCS 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 installing or servicing.

**WARNING:** Verify the existing input voltage and ensure it matches input rating on luminaire's product label, located on inside of access cover.

**WARNING:** Before proceeding, read all instructions carefully to ensure proper and safe installation.

**IMPORTANT:** This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

Tools required: Size T-25 Torx driver, 3/4" (22mm) socket & ratchet, #2 Philips head screwdriver, torque wrench up to 50FT-LBS, 5/32" (4mm) hex wrench and socket.

LUMINAIRE PREPARATION

1. Remove top insert and place insert on work surface to protect finish.
2. Place luminaire - lens facing upward - onto work surface.
3. Remove access panel by turning access cover screw CCW (counterclockwise). See Figure 1.

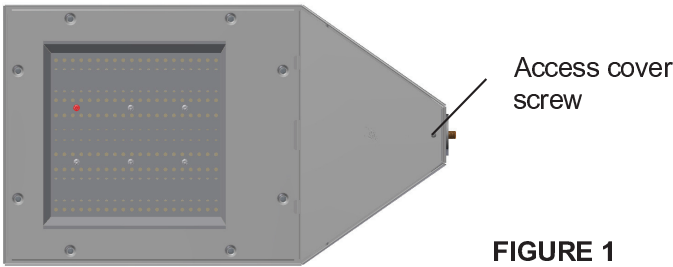


FIGURE 1

POLE PREPARATION

**IMPORTANT!!!** SELECT WHICH POLE PREPARATION STEPS PERTAIN TO YOUR PARTS:

- A. Directly to Square Pole -Page 1
- B. Directly to Round Pole -Page 2
- C. Using Extension Arm on Square Pole - Page 2
- D. Using Extension Arm on Round Pole -Page 2
- E. Using Optional Wall Mount Plate - Page 3
- F. Using Optional Wall Mount Plate with Adjustable Slipfitter - Page 3
- G. Using Optional Adjustable Slipfitter on Tenon Pole - Page 4

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

A. DIRECTLY TO SQUARE POLE - FIGURE 2

1. Lay pole on raised surface, protecting finish with soft cloth.
2. Locate hardware kit shipped with luminaire.
3. With nut plate inside pole, thread luminaire mounting studs thru top and bottom pole holes, then into nut plate. See Figure 2.
4. Proceed to Page 2, ASSEMBLY OF LUMINAIRE TO POLE AND EXTENSION ARMS.

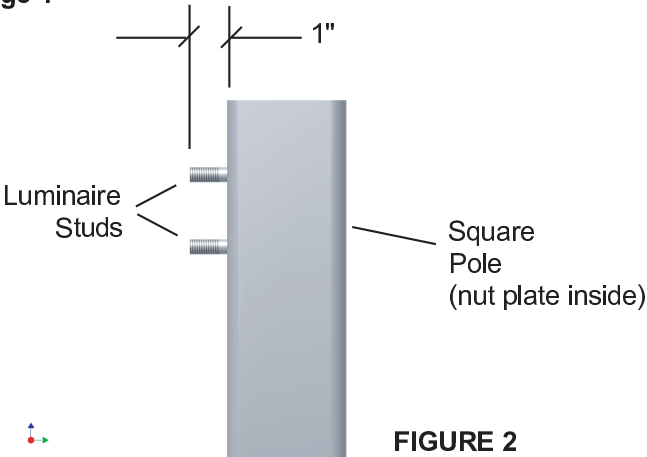


FIGURE 2



PLCS Series, cont'd.

POLE PREPARATION, Cont'd.

B. DIRECTLY TO ROUND POLE - FIGURE 3

- 1. Lay pole on raised surface, protecting finish with soft cloth.
- 2. Locate hardware kit shipped with luminaire.
- 3. Locate round pole adaptor (shipped separately).
- 4. With nut plate inside pole, thread luminaire mounting studs thru round pole adaptor, then thru top and bottom pole holes, then into nut plate. See Figure 3.
- 5. Proceed to below, ASSEMBLY OF LUMINAIRE TO POLE AND EXTENSION ARMS.

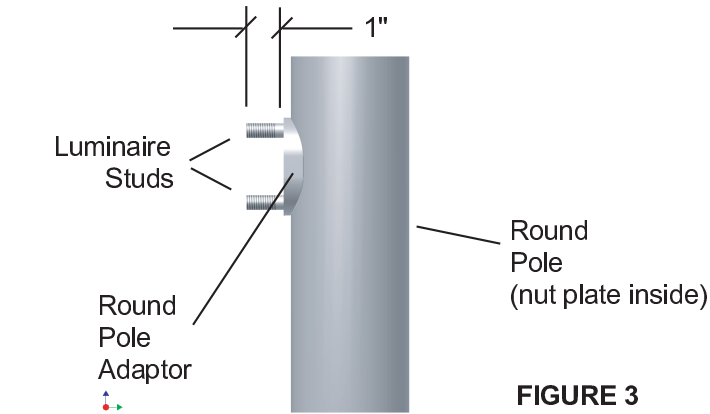


FIGURE 3

C. USING EXTENSION ARM ON SQUARE POLE - FIGURE 4

- 1. Lay pole on raised surface, protecting finish with soft cloth.
- 2. Locate extension arm (and hardware), shipped separately.
- 3. With nut plate inside pole, thread extension arm studs thru top and bottom extension arm holes, then thru top and bottom pole holes, then into nut plate. See Figure 4.
- 4. Proceed to below, ASSEMBLY OF LUMINAIRE TO POLE AND EXTENSION ARMS.

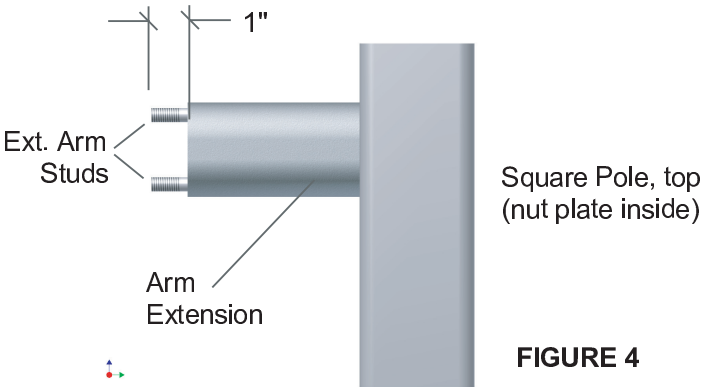


FIGURE 4

D. USING EXTENSION ARM ON ROUND POLE - FIGURE 5

- 1. Lay pole on raised surface, protecting finish with soft cloth.
- 2. Locate extension arm (and hardware), shipped separately.
- 3. Locate round pole adaptor, shipped separately.
- 4. With nut plate inside pole, thread extension arm studs thru top and bottom extension arm holes, then thru top and bottom pole adaptor holes, then thru top and bottom pole holes, then into nut plate. See Figure 5.
- 5. Proceed to below, ASSEMBLY OF LUMINAIRE TO POLE AND EXTENSION ARMS.

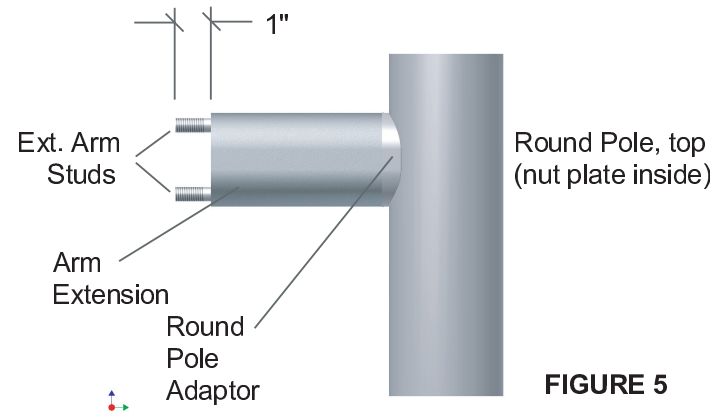


FIGURE 5

ASSEMBLY OF LUMINAIRE TO POLE AND EXTENSION ARMS - Figure 6

- 1. Feed luminaire wires (white, black, and green/yellow) from back of luminaire through center (7/8" dia.) hole in pole.
- 2. Position luminaire over studs. Take care to not pinch luminaire wires. See Figure 6.
- 2. Secure luminaire to studs with supplied locking hex washer nut. To ensure level luminaire, tighten upper nut first, then lower nut, (tighten each to 25 FT-LBS) making sure luminaire and arm are "square" to pole.
- 4. Proceed to Page 4, WIRING CONNECTIONS.

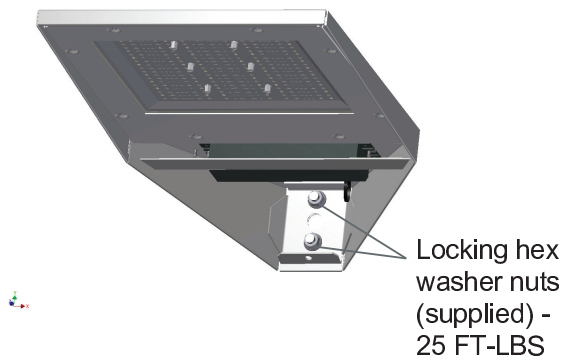


FIGURE 6



PLCS Series, cont'd.

E. USING OPTIONAL WALL MOUNT PLATE - FIGURE 7

- 1. Locate wall plate with fastener kit, shipped separately.
- 2. Confirm that wall surface / structure is capable of supporting luminaire.
- 3. Attach wall plate to wall over J-box (not supplied) using suitable fasteners (not supplied). Feed supply wiring thru wall plate.
- 4. Attach luminaire to wall plate using supplied fasteners from wall plate kit. Take care to not pinch luminaire wires.
- 5. Be sure luminaire is "square" to wall plate. Tighten each bolt to **25 FT-LBS**.
- 6. Proceed below to WIRING CONNECTIONS.

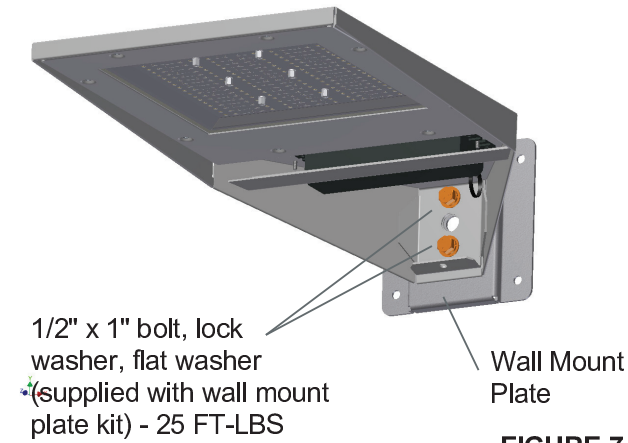


FIGURE 7

F. USING OPTIONAL WALL MOUNT PLATE WITH ADJUSTABLE SLIPFITTER - FIGURES 8 & 9

- 1. Locate wall plate tenon bracket with fastener kit, shipped separately.
- 2. Confirm that wall surface / structure is capable of supporting luminaire.
- 3. Attach tenon bracket to wall mount plate using hardware supplied in wall mount plate kit. Tighten both bolts to **25 FT-LBS**.
- 4. Attach wall plate to wall over J-box (not supplied) using suitable fasteners (not supplied). Feed supply wiring thru wall plate.
- 5. Remove both screws securing slipfitter access cover; set aside. Separate the 2 slipfitter halves by removing center pivot bolt. With lower half in hand, feed supply wiring wiring through lower half and out wireway hole.
- 6. Secure lower half onto tenon bracket using (4) set screws provided in slipfitter. Be sure slipfitter is correctly aligned for proper luminaire aiming. Tighten all (4) to **5 FT-LBS**.
- 7. Feed supply wiring from lower half into the upper half of slipfitter and secure the 2 halves back together using pivot bolt, flat washer and lock washer.. **Be careful not to pinch supply wiring.** When securing, be sure the correct aiming angle is achieved for proper light output. Tighten pivot bolt to **50 FT-LBS**.
- 8. Feed luminaire wiring into upper half of slipfitter and secure luminaire onto studs in upper half of slipfitter using hardware supplied with luminaire. Tighten both nuts to **25 FT-LBS**.
- 9. Make wiring connections in slipfitter hub using suitable wiring connectors. Install access cover using both screws.
- 10. If necessary, make final adjustments of slipfitter. Install 1/4" self-drilling screw (supplied) thru lower half of slipfitter and into tenon.

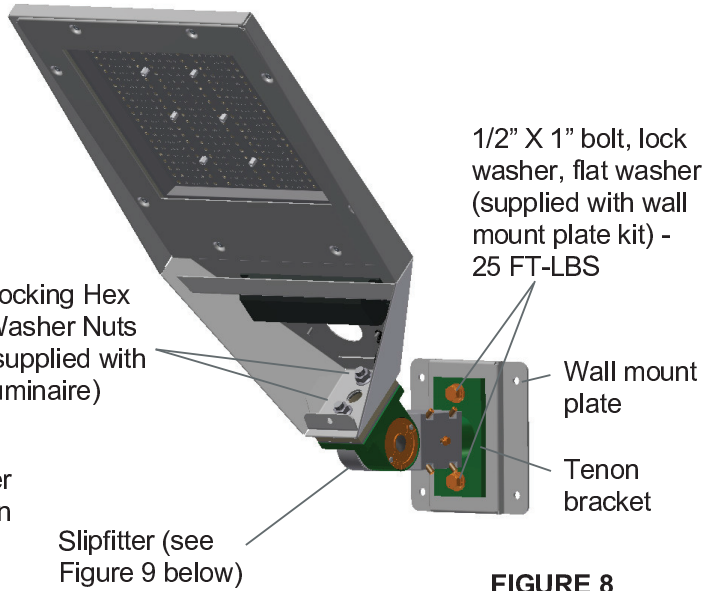


FIGURE 8

WARRANTY VOID IF THIS SCREW IS NOT INSTALLED!

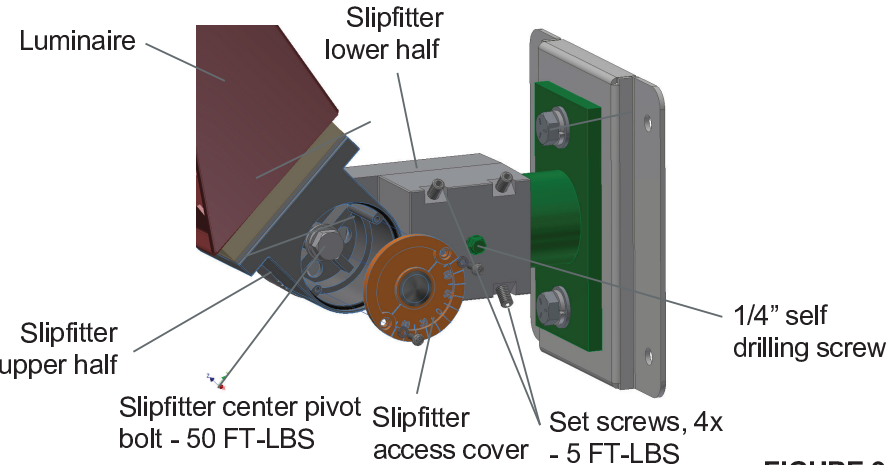


FIGURE 9

