

LumCADEN



SAVE THESE INSTRUCTIONS



BEFORE YOU BEGIN

Read and follow all safety instructions

WARNING

RISK OF FIRE, EXPLOSION AND ELECTRIC SHOCK

- This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes.
- Turn off electrical power before inspection, installation or removal.
- Use only UL (or other NRTL) approved wire for input/output connections. Wire AWG to be determined by qualified electrician during installation.
- Make sure LEDs and drivers are cool to touch when performing maintenance. Make sure the supply voltage is the same as the rated voltage of the luminaire.
- Do not install in a hazardous location environments
- Keep tightly closed when in operation



Electrical/Grounding Requirements



Electrical

The LED driver must be supplied with 120 to 277V, 50/60 Hz (or 347 to 480V, 50/60 Hz, when applicable - refer to product label) and connected to an individual, properly grounded branch circuit protected by a 20 Ampere circuit breaker. Use min. 75°C supply.



Grounding

The grounding and bonding of the overall system shall be done in accordance with NEC Article 600 and any local codes

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LED Area Light

Installation Guide

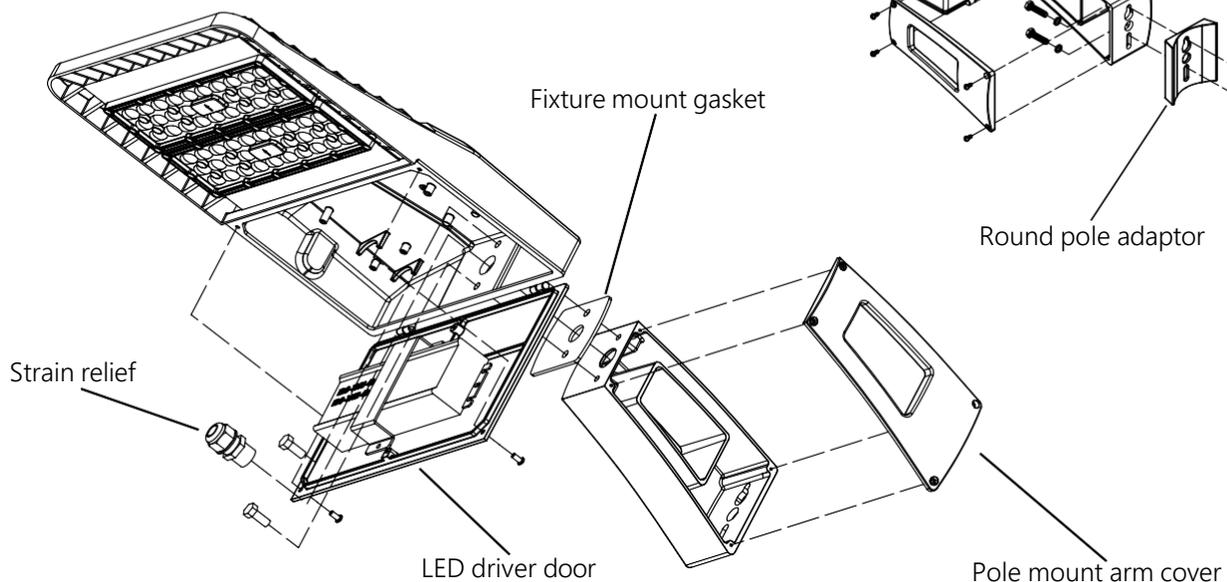
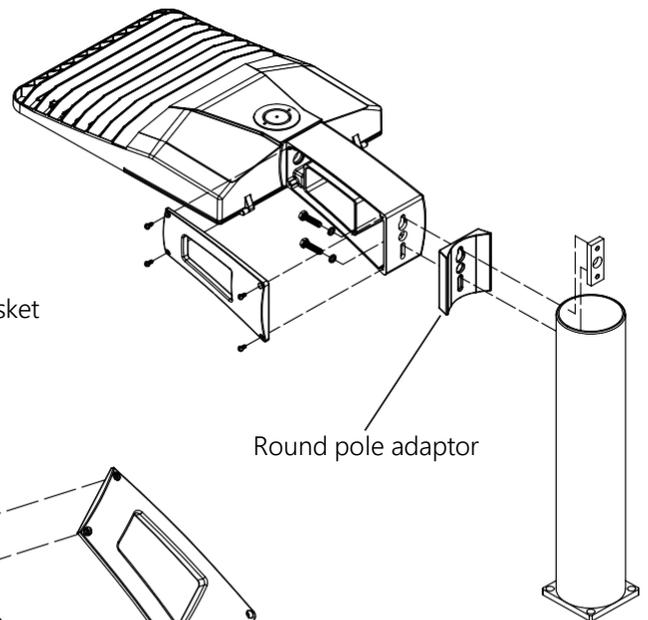
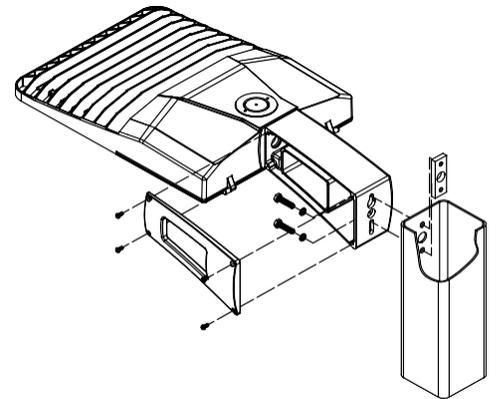
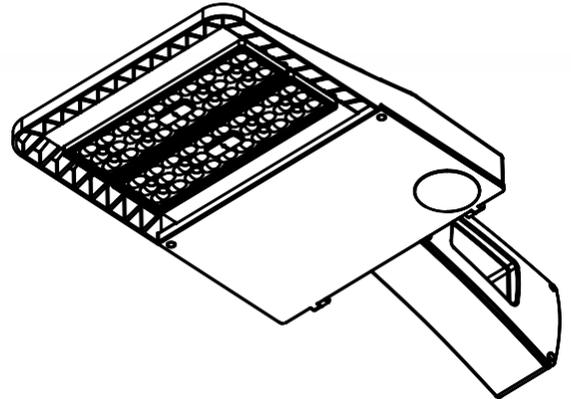
Tools and Materials Required:

- #2 Phillips Screw Driver
- Wire Strippers
- Wire Cutters
- Hex Bit Socket **Wrench** or Combo Wrench (1/2")

- Before starting ensure that the power is disconnected.
- Unpack fixture and ensure that there are no damaged parts.

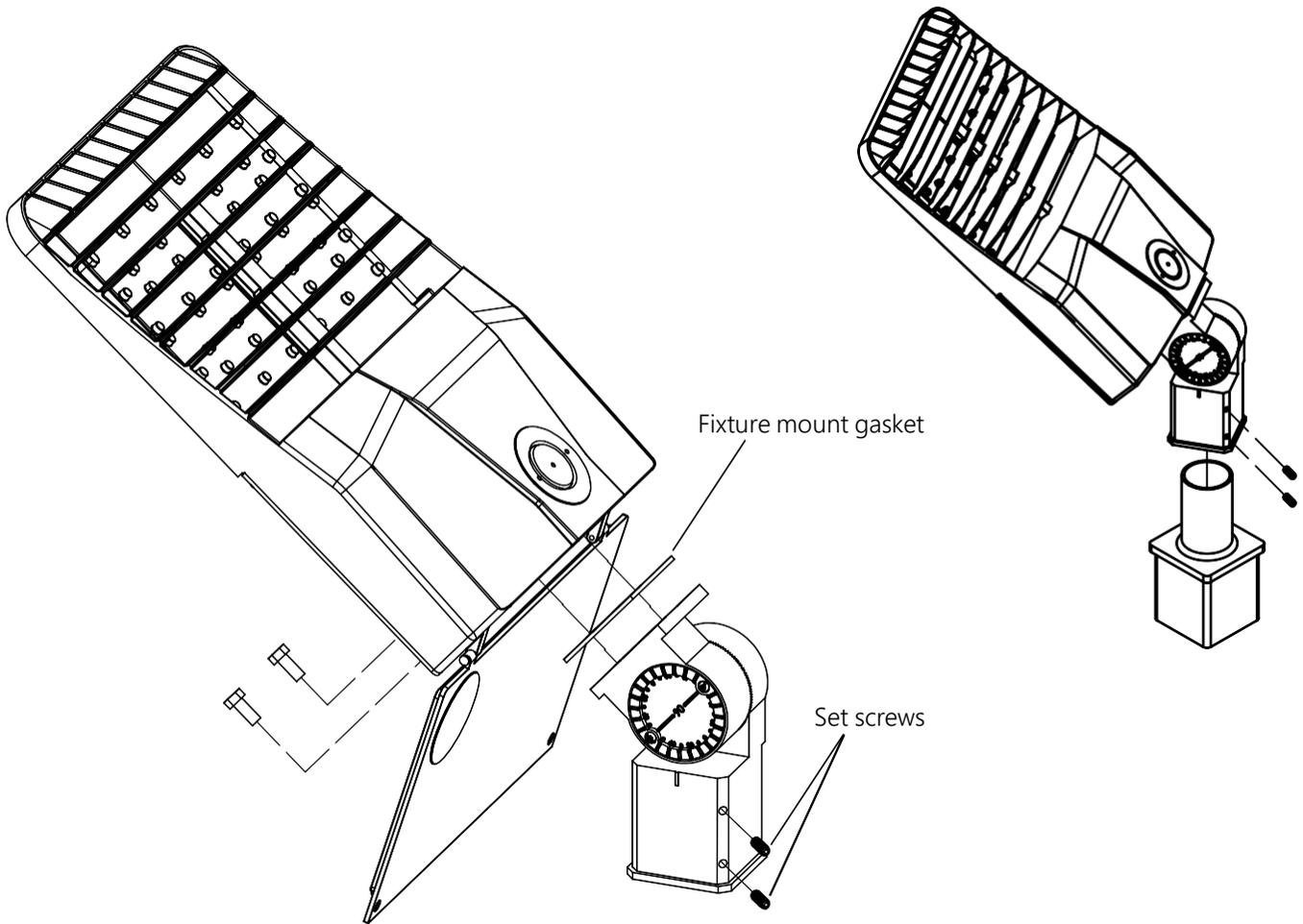
Pole Mounting:

- Remove the pole mounting arm cover.
- Feed the included bolts, lock and flat washers through the mounting arm holes.
- Align with the holes in the pole and thread through the plate on the inside of the pole.
- Tighten the bolts to 20 lbf-in.
- Open the LED driver compartment from the underside of the fixture.
- Feed the included bolts through the inside of the driver compartment, fixture mount gasket, and attach the fixture to the pole mount.
- Feed the power cable through the strain relief and pole mount arm and connect the power leads with the included wire nuts according to the wiring diagram on Page 4. **Make sure the strain relief is installed correctly**
- Close the LED driver compartment door and secure it with the supplied screws.
- Replace the pole mount arm gasket and attach the cover with the supplied screws



Slip fitter (Knuckle) Mounting:

- Slide the slip fitter mount over the tenon bracket.
- Ensure that the power cord is not pinched when feeding through the tenon mount.
- Remove round slip fitter cover and loosen bolt to adjust tilt angle on fixture.
- When desired angle is reached, tighten the center to lock the slip fitter in place, replace cover.
- Tighten the 2 set screws on the slip fitter to 15 ft-lbs to secure it to the tenon.
- Make wiring connections as shown on Page 4.

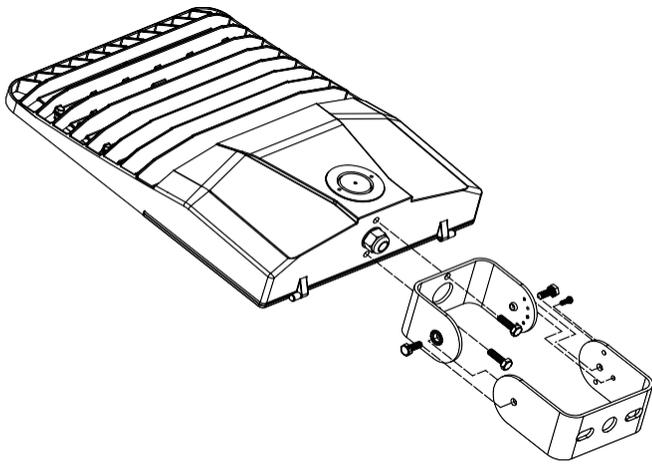


U-Bracket Mounting:

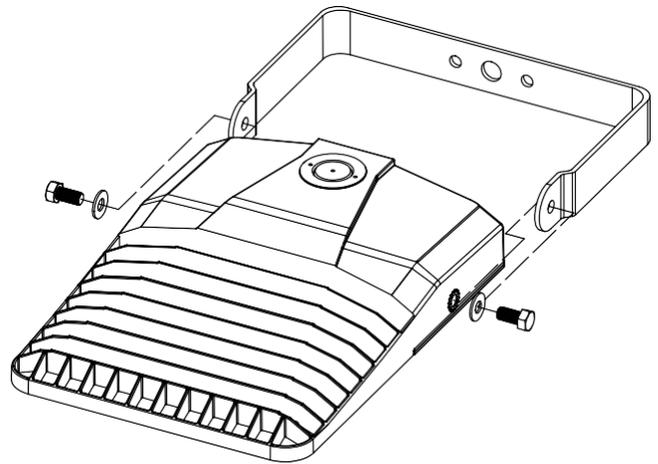
- Remove U-bracket from fixture by removing the 2 bolts on each side.
- Drill holes in the mounting surface and bolt the U-bracket in place.
- Align the fixture to the U-bracket and secure by tightening the bolts on each side.
- Apply silicone around bolts from inside the driver compartment for water-proofing.
- Rotate fixture until desired angle is achieved and tighten bolts on each side.
- Route the cord into a junction box and make wiring connections shown below
Black to Black (Hot), White to White (Neutral), Green to Green (Ground).
- Ensure that the entry into the junction box is water tight with a bushing or other water sealing device.

Trunnion Mounting:

- Drill holes in the mounting surface matching the pattern of the trunnion and bolt in place.
- Rotate fixture until desired angle is achieved and tighten bolts on each side.
- Route the cord into a junction box and make wiring connections shown below.
Black to Black (Hot), White to White (Neutral), Green to Green (Ground)
- Ensure that the entry into the junction box is water tight with a bushing or other water sealing device.



Trunnion Mounting



U-Bracket Mounting

Standard Wiring Diagram

