

## PRECAUTIONS

When using electrical equipment, basic safety provisions should always be followed including the following:

### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

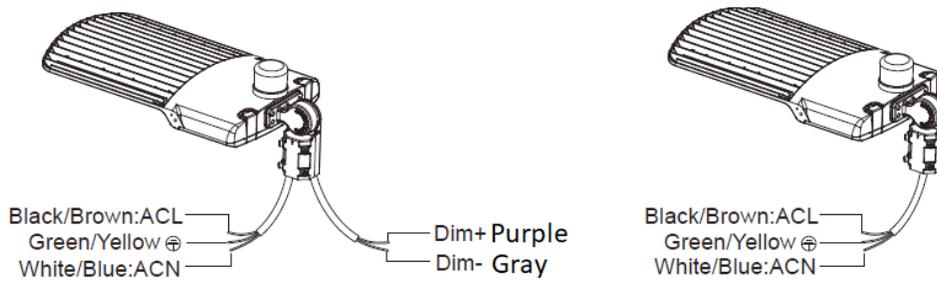
- **DANGER**- Risk of shock- Disconnect power before installation.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved. If you are not familiar with these codes and requirements, consult a qualified electrician.
- Suitable for wet locations.
- Suitable for operation in ambient not exceeding 50°C.

- Min. 75°C supply conductors.
- Class 1 wiring.

**WARNING:**

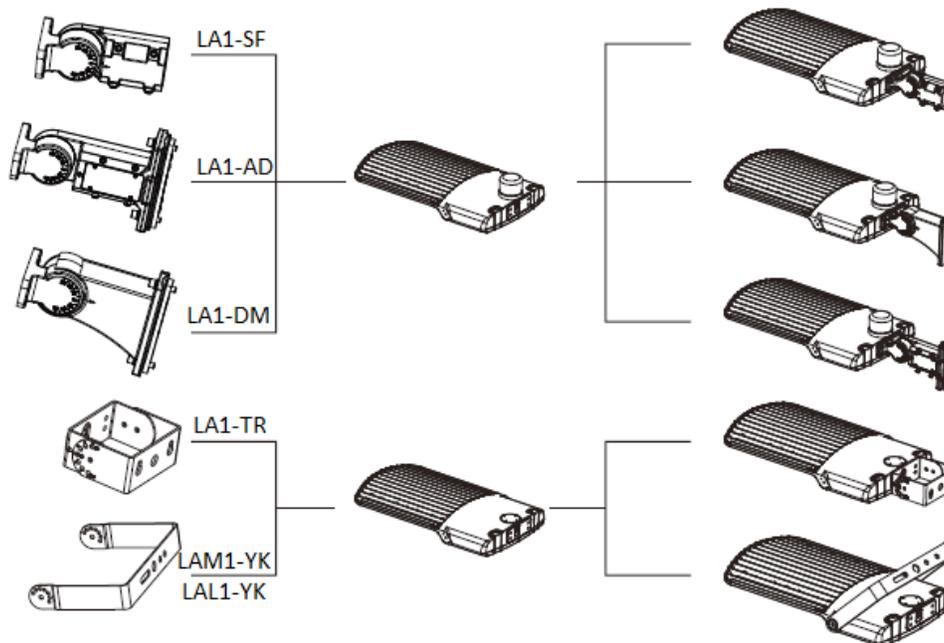
- Make sure the supply voltage is the same as the rated luminaire voltage.
- Not suitable for hazardous location use.
- Do not operate in ambient temperatures above those indicated on the luminaire nameplate.

**Wiring Diagram:**



**Mounting Bracket Options**

There are 5 optional mounting brackets for this fixture. Mounting bracket, sold separately, is a necessary component of this luminaire. The following is an illustration of LA1 series fixtures with different mounting brackets:



### Installation Instructions with different brackets:

#### DIRECT MOUNTING (LA1-DM)

- Step 1:** Remove the bracket side cover. Align the four holes in the mounting bracket with the four tapped holes in the luminaire housing. Route the luminaire input wires through the bracket. (Figure 1)
- Step 2:** Attach the mount arm bracket to the luminaire using (4) bolts (supplied). Tighten bolts to 132 in-lbs (15 N·m).
- Step 3:** Replace the bracket side cover and secure with screws. (Figure 2)

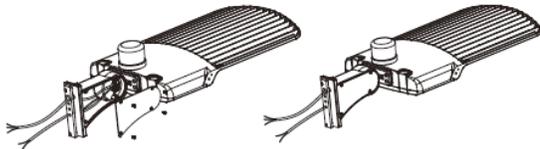


Figure 1

Figure 2

- Step 4:** Mount luminaire to pole with supplied hardware. Ensure that it is tight, secure, and gasket is in place. Tighten bolts to 132 in-lbs (15 N·m).  
NOTE: A round pole adapter is included with the direct arm accessory kit. The adapter will work with round poles from 4" (102 mm) to 5" (127 mm) in diameter.
- Step 5:** Make wiring connections.
- Step 6:** Replace the pole cap.

#### SLIP FITTER MOUNTING (LA1-SF)

- Step 1:** Remove the tilt Adjusting Bolt and align the four holes in the slip fitter with the four tapped holes in the luminaire housing (Figure 3). Route the wires through the slip fitter.
- Step 2:** Attach the slip fitter to the luminaire using (4) bolts (supplied). Tighten bolts to 132 in-lbs (15 N·m).
- Step 3:** Reassemble both halves of the slip fitter. Do not tighten Adjusting Bolt at this time. (Figure 4)



Figure 3

Figure 4

- Step 4:** Make wiring connections.
- Step 5:** Slip the luminaire over the 2-3/8" tenon making sure not to pinch any leads. Secure the fixture to the tenon by tightening the 4 Locking Bolts on the slip fitter. Tighten bolts to 132 in-lbs (15 N·m).
- Step 6:** Tilt the luminaire (0-90°) to the desired angle and tighten the Adjusting Bolt to lock the two halves of slip fitter. (Figure 5)

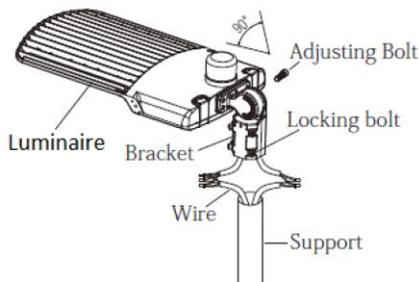


Figure 5

#### TRUNNION MOUNTING (LA1-TR)

- Step 1:** Align the four holes in the trunnion with the four tapped holes in the luminaire housing (Figure 6). Route the luminaire input wires through trunnion center hole.
- Step 2:** Attach the trunnion to the luminaire using (4) bolts (supplied). Tighten bolts to 132 in-lbs (15 N·m). (Figure 7)

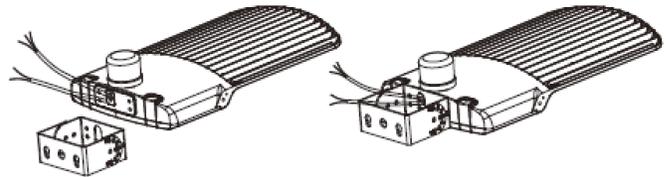


Figure 6

Figure 7

- Step 3:** Mount trunnion on the wall or on a crossbar.
- Step 4:** Tilt the luminaire to the desired angle and tighten the setscrews to lock the two halves of the trunnion.
- Step 5:** Make wiring connections.

#### YOKE MOUNTING (LAM1-YK or LAL1-YK)

- Step 1:** Align the side holes on the yoke with the tapped holes in the luminaire housing, one on each side. (Figure 8)
- Step 2:** Attach the yoke to the luminaire using (2) bolts (supplied). Tighten bolts to 132 in-lbs (15 N·m). (Figure 9)

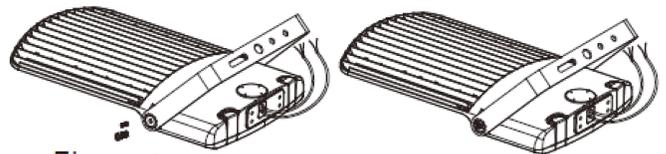


Figure 8

Figure 9

- Step 3:** Mount the yoke on the wall or on a crossbar.
- Step 4:** Tilt the luminaire to the desired angle and tighten the setscrews to lock the fixture orientation. (Figure 10)
- Step 5:** Make wiring connections.

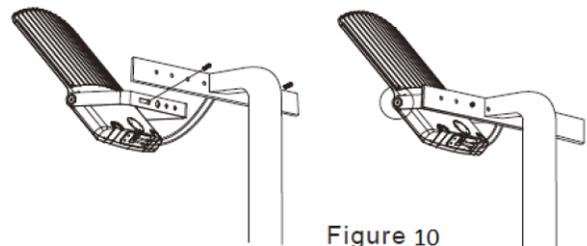


Figure 10

### ADJUSTABLE MOUNTING (LA1-AD) – Mounting on a pole

**Step 1:** Open the Bracket side cover and align the four holes in the mounting bracket with the four tapped holes in the luminaire housing (Figure 12). Route the luminaire input wires through the bracket.

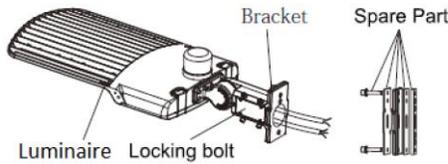


Figure 12

**Step 2:** Attach the mount arm to the luminaire using (4) bolts (supplied). Tighten bolts to 132 in-lbs (15 N·m).

**Step 3:** Close the Bracket side cover and screw with screws.

**Step 4:** Mount luminaire to pole with supplied hardware. Ensure that it is tight, secure, and gasket is in place. Tighten bolts to 132 in-lbs (15 N·m).

NOTE: A round pole adapter is included with the direct arm accessory kit. The adapter will work with round poles from 4" (102 mm) to 5" (127 mm) in diameter.

**Step 5:** Make wiring connections.

**Step 6:** Replace the pole cap.

### ADJUSTABLE MOUNTING (LA1-AD) – Mounting on a tenon

**Step 1:** Remove the tilt adjustor mounting screw, align the four holes in the slip fitter with the four tapped holes in the luminaire housing, and run the wires through the slip fitter. (Figure 13)

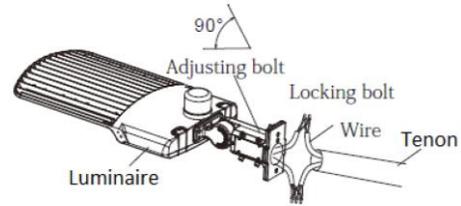


Figure 13

**Step 2:** Attach the slip fitter to the luminaire using (4) bolts (supplied). Tighten bolts to 132 in-lbs (15 N·m).

**Step 3:** Reassemble both halves of the slip fitter. Do not tighten at this time.

**Step 4:** Make wiring connections.

**Step 5:** Slip the luminaire over the 2-3/8" tenon making sure not to pinch any leads. Secure the fixture to the tenon by tightening the 4 bolts on the slip fitter. Tighten bolts to 132 in-lbs (15 N·m).

**Step 6:** Tilt the luminaire (0-90°) to the desired angle and tighten the adjustment bolt to lock the two halves of slip fitter.

## Additional Product and Mounting Bracket Pictures



LA1 Series Luminaire



LA1-DM



LA1-SF



LA1-TR



LAM1-YK or LAL1-YK



LA1-AD