



### IMPORTANT SAFEGUARDS READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

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

- DISCONNECT AC POWER SUPPLY BEFORE SERVICING.
- Installation and servicing of this equipment should be performed by qualified service personnel only.
- Ensure that the electrical wiring conforms to the National Electrical Code NEC<sup>®</sup> and local regulations if applicable.
- Any alteration or modification of this product is expressly forbidden as it may cause serious personal injury, death, property damage and/or product malfunction and will void the warranty and product liability.
- To prevent product malfunction and/or electrical shock this product must be properly grounded.
- Do not use this equipment for other than intended use.
- This luminaire is designed to operate in ambient temperatures ranging from -40°C to 50°C (40°F to 122°F) and to be horizontally mounted with the LEDs facing down.
- MIN 75°C SUPPLY CONDUCTORS.
- CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR.
- Adjustable Arm/Slipfitter/Yoke Mounted with PHOTOCELL function tilt angle should not exceed 15°.
- This product is not available for several special environments, such as places with corrosive gas liquids or high pressure water vapor.

### SAVE THESE INSTRUCTIONS!

Technical Support = (623) 580-8943 = technicalsupport@barronltg.com



### **SWOA Series**

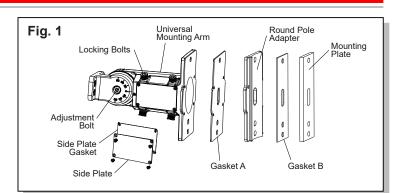
Installation Instructions

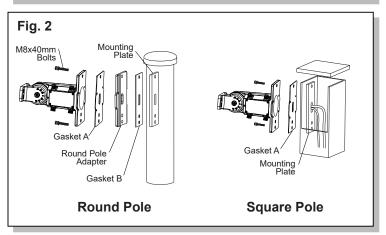
#### **Universal Mount (Pole)**

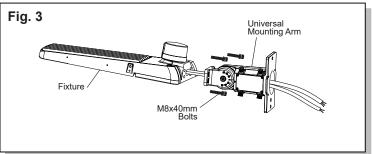
- 1. Remove the side plate and side plate gasket from the universal mounting arm. (Fig. 1)
- 2. Using the mounting plate, locate the footprint on the pole to drill the appropriate holes. Attach the universal mounting arm to the pole using (2) M8x40mm bolts (Fig. 2).
  - For a round pole use both the silicone gasket A and B and the attached round pole adapter.
  - For a square pole use only the silicone gasket A and remove the round pole adapter by removing the two M4x11mm screws located on the adapter.
- 3. Route the pole cord into the arm through the wiring hole.
- 4. Attach the fixture to the mounting arm using (4) M8x40mm bolts provided. (Fig. 3).
- 5. Make wiring connections inside arm. See **Electrical Connections** section.
- 6. Replace side plate ensuring the gasket is seated correctly and fasten with screws previously removed. Ensure that the power cord is not exposed and does not get pinched.
- 7. Loosen the adjustment bolt on the side of the swivel mount and adjust the fixture to the appropriate angle. Once the desired angle is achieved, tighten adjustment bolt. (Note: Adjustable range is  $0^{\circ}$  to  $\pm 90^{\circ}$ )

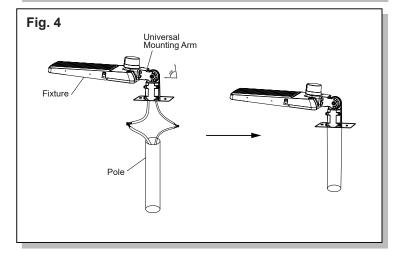
#### **Universal Mount (Slipfitter)**

- 1. Remove the round pole adapter and gaskets from the universal mounting arm by removing the two M4x11mm screws located on the adapter.
- 2. Loosen the (4) M8x30mm locking bolts on the bracket. (Fig. 1)
- 2. Attach the fixture to the mounting arm using the (4) M8x40mm bolts provided, routing the wires out of the mounting bracket. (Fig. 3).
- 3. Make wiring connections and push excess wire into the pole. See **Electrical Connections** section.
- 4. Slide the fixture onto the pole and tighten the locking bolts between the slipfitter mount and pole. (Fig. 4)
- 5. Loosen the adjustment bolt on the side of the swivel mount and adjust the fixture to the appropriate angle. Once the desired angle is achieved, tighten adjustment bolt. (Note: Adjustable range is  $0^{\circ}$  to  $\pm 90^{\circ}$ )













## **SWOA Series**

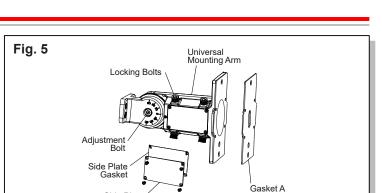
Installation Instructions

#### **Universal Mount (Wall)**

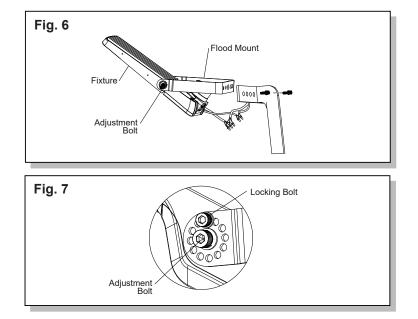
- 1. Remove the side plate from the universal mounting arm. (Fig. 5)
- 2. Use the universal mounting arm to locate the footprint on the wall to drill the holes. Then using the silicone gasket A, fix the universal mounting arm onto the wall using the appropriate anchors (not provided).
- 3. Route the cord into the arm through the wiring hole, attach the fixture and then tighten with the appropriate fixture mounting hardware.
- 4. Make wiring connections inside arm. See **Electrical Connections** section.
- 5. Replace side plate ensuring the gasket is seated correctly and fasten with screws previously removed.
- Loosen the adjustment bolt on the side of the swivel mount and adjust the fixture to the appropriate angle. Once the desired angle is achieved, tighten adjustment bolt. (Note: Adjustable range is 0° to ±90°)

#### Flood Mount (Fig. 6)

- 1. Install the mount onto the sides of the fixture using the appropriate hardware provided.
- 2. Connect the fixture assemble to the appropriate surface or pole and tighten the screws.
- 3. Make wiring connections and put all wiring in the junction box. See **Electrical Connections** section.
- 4. Loosen the adjustment bolt on the side of the swivel mount and adjust the fixture to the appropriate angle. Once the desired angle is achieved, tighten adjustment bolt. (Note: Adjustable range is  $0^{\circ}$  to  $\pm 90^{\circ}$ ) (Fig. 7)
- 5. To maintain appropriate angle, screw in the angle locking bolts. (Fig. 7)



Side Plate







# **SWOA Series**

Installation Instructions

#### Electrical Connections (Fig. 8)

Make electrical connections as per Wiring Diagram.

- 1. Connect the line fixture lead to the black supply lead.
- 2. Connect the neutral fixture lead to the white supply lead.
- 3. Connect the ground lead from the service to the ground lead coming from the driver plate
- 4. Connect the DIM+ fixture lead to the purple supply lead.
- 5. Connect the DIM- fixture lead to the pink supply lead.

#### **Photocell Installation**

- 1. Install photocell receptacle as per diagram (if applicable).
- 2. Insert photocell into receptacle and turn to lock into place.
- 3. Use photocell rated for your supply voltage.

#### Motion or PIR Sensor Installation (Fig. 9)

- 1. Remove the ½" screw plug on the bottom of the fixture.
- 2. Screw in the appropriate sensor until fully tightened.

#### Power and CCT Adjustment (Fig. 10)

- 1. Remove the <sup>3</sup>/<sub>4</sub>" screw plug on the bottom of the fixture.
- 2. Select Power and CCT by sliding the respective switch to the desired value.
- 3. Replace the ¾" screw plug and tighten with a flat head screwdriver.

#### Distribution Adjustment (Fig. 11)

- 1. Remove the <sup>3</sup>/<sub>4</sub>" screw plug on the bottom of the fixture.
- 2. Select Distribution by sliding the switch to the desired value according to the figure.
- 3. Replace the ¾" screw plug and tighten with a flat head screwdriver.

**IMPORTANT:** Weather-proof your outdoor installation, be sure to seal all holes in fixture housing (mounting, conduit, plugs, sensors and photocontrols, etc.) with silicone sealant.

