

LED Light Fixture

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.

This person should be familiar with the construction and operation of the product and the hazards involved.

This light is for outdoor use and should not be used in areas of limited ventilation or high ambient temperature.

Turn off electrical power before inspection, installation or removal.

Disconnect the power by turning off the circuit breaker - turning the power off by using a light switch is not sufficient to prevent electrical shock.

Make sure the fixture is cool to the touch before performing maintenance.



Prepare Electrical Wiring



Electrical Requirements

- The fixture must be supplied with a voltage within the specified rating on the product label.
- The fixture must be connected to an individual, grounded branch circuit protected by a properly sized circuit breaker.
- Only use UL (or other NRTL) approved wire for supply connections - minimum 18 AWG, 75°C rated supply wire.



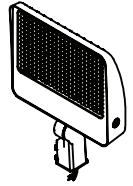
Grounding Instructions

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

LED Flood Light

Model: FCXLF

Installation Guide



Tools Required

- Wire Strippers
- Torque Wrench
- Phillips Screwdriver
- Wire Cutters
- Drive Sockets (5/8", 1/2")



CAUTION: Ensure the branch supply power is shut off at the breaker panel before continuing with the installation.

Preparation

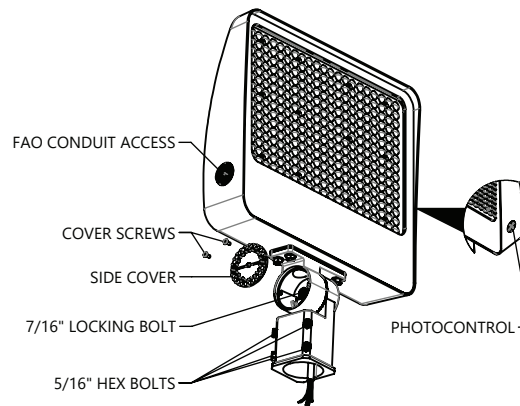
- Check for visible damage to the fixture, accessories, cables, and electrical wires.

Installation – Slipfitter Mount (SF)

1. Loosen the four (4) pre-installed 5/16" hex bolts on the slipfitter base so that it can be placed onto a tenon.
2. Make the wiring connections per the Wiring Diagram.
3. Place the fixture onto the tenon (max. 2-3/8" O.D.) and secure in place by re-tightening the 5/16" hex bolts, **12-15 lbf-ft**. Take care to not pinch any wires when placing the fixture on the tenon.

⚠ WARNING — Heavy fixture. Loosening the angle-adjustment bolt allows the fixture to rotate freely. Support the fixture before loosening to prevent sudden movement, pinch injury, or fall hazard.

4. Adjust the slipfitter tilt angle:
 - a) Remove the two (2) Phillips cover screws from the side cover of the slipfitter, then remove the cover and O-ring.
 - b) While supporting the fixture, loosen (do not remove) the 7/16" angle-adjustment bolt until the fixture can be repositioned.
 - c) Adjust to the desired angle and re-tighten the bolt to **30-35 lbf-ft**.
 - d) Reinstall the O-ring and secure the cover with the two Phillips screws.
5. Restore branch supply power and ensure the fixture functions properly. If the fixture does not turn on or function properly, shut off the branch supply power and recheck all electrical connections.
6. See *Supplemental Notes* for FAO controller and photocontrol adjustment.

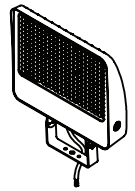


Specifications subject to change without notice. Manufacturer assumes no responsibility for improper installation or use. Follow all local and national electrical codes. Use only with components and accessories specified by the manufacturer. Do not modify this product. This product complies with UL / cUL and FCC requirements.

LED Flood Light

Model: FCXLF

Installation Guide



Tools Required

- Wire Strippers
- Torque Wrench
- Phillips Screwdriver
- Wire Cutters
- Drive Sockets (1/2", 3/4")



CAUTION: Ensure the branch supply power is shut off at the breaker panel before continuing with the installation.

Preparation

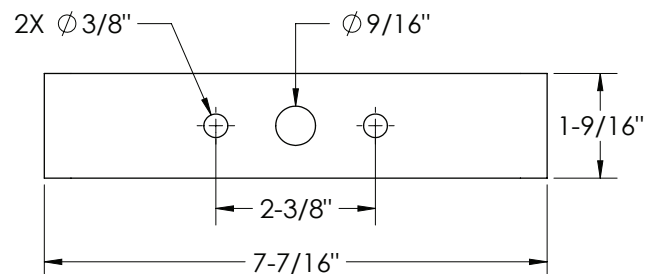
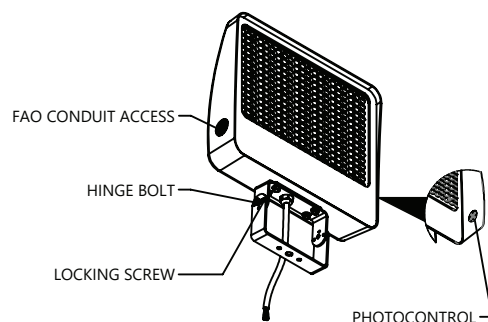
- Check for visible damage to the fixture, accessories, cables, and electrical wires.

Installation – Trunnion Mount (TR)

1. Secure the trunnion base to the mounting bracketry using either one (1) 1/2" bolt or two (2) 5/16" bolts, with corresponding lock washers and nuts (hardware provided by others). Tighten 5/16" bolts to **12-15 lbf·ft** or 1/2" bolt to **45-55 lbf·ft**.
2. Pull the service cord into a wiring box suitable for the installation location using the appropriate fittings and make the wiring connections per the Wiring Diagram.

⚠ **WARNING — Heavy fixture. Loosening the angle-adjustment bolts allows the fixture to rotate freely. Support the fixture before loosening to prevent sudden movement, pinch injury, or fall hazard.**

3. Adjust the trunnion tilt angle:
 - a) While supporting the fixture, loosen (do not remove) the Phillips locking screws and 5/16" hinge bolts from each side of the mount until the fixture can be repositioned.
 - b) Adjust to the desired angle and re-tighten the screws to **3-5 lbf·ft** and bolts to **12-15 lbf·ft**.
4. Restore branch supply power and ensure the fixture functions properly. If the fixture does not turn on or function properly, shut off the branch supply power and recheck all electrical connections.
5. See *Supplemental Notes* for FAO controller and photocontrol adjustment.



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Supplementary Notes

- A. The $\frac{3}{4}$ " NPT plug-style photocontrol can be adjusted by unscrewing it from the conduit access. Without disconnecting the wiring harness, adjust the switch on the back side to turn the photocontrol feature ON or OFF (**Figure A**). Replace the photocontrol and secure tightly to prevent water ingress. Failure to properly re-install the photocontrol housing will void any warranties.
- B. Remove the side conduit plug to access the FAO controller. Adjust the FAO controller to the desired wattage, CCT, and beam angle settings (**Figure B**). Replace conduit plug and secure tightly to prevent water ingress. Failure to properly re-install the conduit plug will void any warranties.

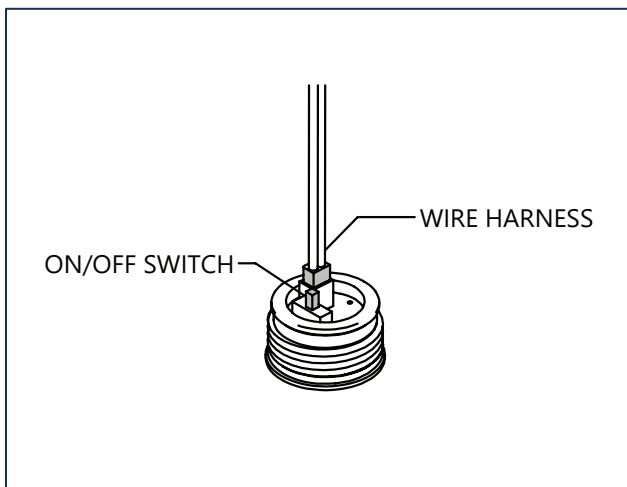


Figure A

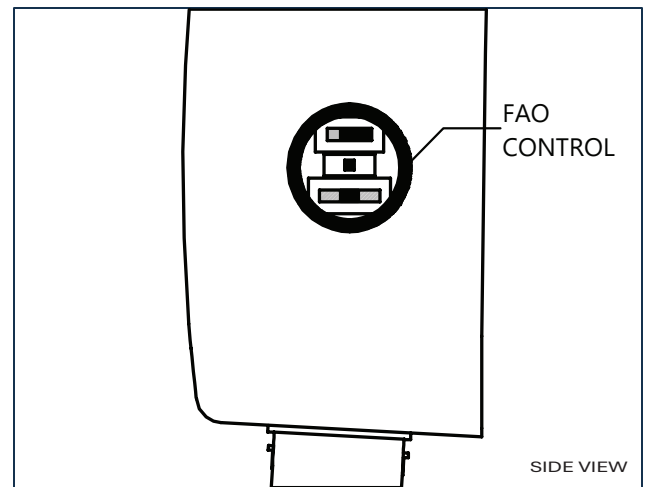
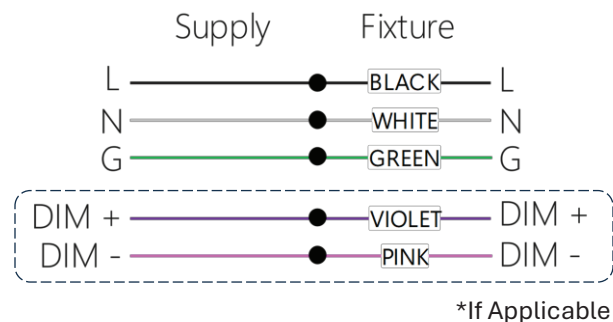


Figure B

Standard Wiring Diagram



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