

INSTALLATION INSTRUCTIONS

Upon receipt of the fixture and accessories, (packed separately), thoroughly inspect for any freight damage which should be brought to the attention of the delivery carrier. Compare the catalog description listed on the packing slip with the fixture label on the power door cover to be sure you have received the correct merchandise.

WFL

WFL Series Architectural Floodlighting



IMPORTANT INSTRUCTIONS

(For Your Protection, Read Carefully)

- This fixture must be wired in accordance with the National Electrical Code and applicable local codes and ordinances.
- Proper grounding is required.
- Use approved connectors for all electrical connections.
- Be certain the green lead from the fixture is secured to ground.
- ALL work should be performed by a qualified electrician.

WARNING Recheck to be sure proper fixture voltage lead has been selected to match the supply voltage before energizing. Improper wiring may result in ballast failure and void all warranties. NEVER disconnect any component while power supply is engaged.

CAUTION Observe lamp manufacturer's recommendations and restrictions on lamp operations, particularly ballast type, burning position, etc.

MAINTENANCE Your architectural outdoor fixture is designed for years of trouble-free operation. For optimum performance, periodically clean reflector and lens with a soft, damp cloth. **IMPORTANT: DO NOT** use abrasive materials, glass cleaner or other solvents on lens or paint. Use only mild, soapy water.

TROUBLESHOOTING

If this fixture fails to operate properly, check to make sure:

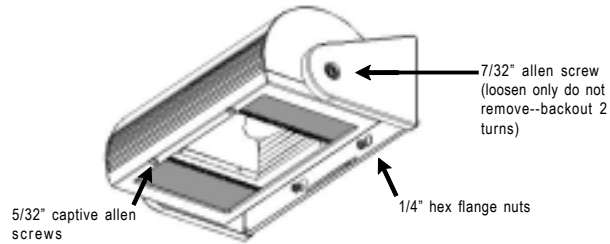
- The correct lamp is properly installed.
- The fixture is wired correctly.
- The lamp is not faulty.
- The fixture is grounded correctly.
- The line voltage at the fixture is correct.

If all these variables have been checked and the fixture still does not operate as specified, contact your local Lithonia Lighting distributor.

Prior to Installation

Read carefully before installing light fixtures. If you do not understand these instructions, please contact your local Lithonia Lighting distributor before installing.

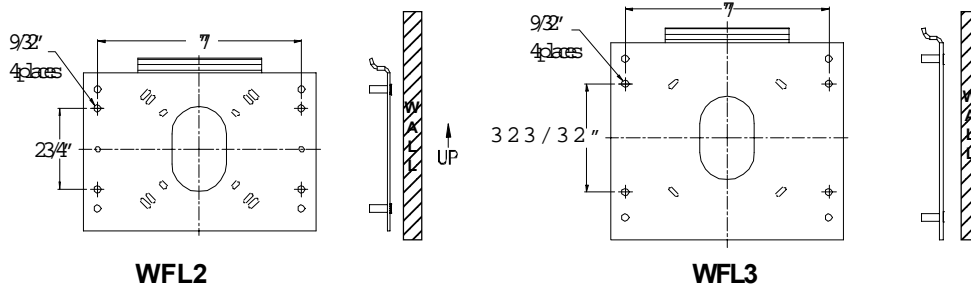
Tools Required: 5/32" and 7/32" allen key, 7/16" wrench or socket and #2 flat screwdriver.



INSTALLATION

1. Mounting

- Mount supplied mounting plate to wall with bent angle up. (Mounting Plate has provisions for direct attachment to junction box (not supplied) or into wall with 1/4" fasteners (not supplied))
- Use silicone sealant around edges of mounting plate to seal between wall plate and wall
- Pull 6 inches of power supply wires out of wall and allow to pass through wall plate opening.
- Hang fixture on mounting plate.
- Pull all wires out and under the fixture.
- With wires exposed beneath the fixture make all necessary electrical connections.
- Push all extra wire into junction box.
- Loosen the two 7/32" allen key screws allowing the housing to rotate towards the wall.
- Slide fixture into place and tighten 1/4" hex flange nuts.
- Adjust housing to desired aiming distribution and tighten 7/32" allen key screws to lock housing in place.



WFL Mounting Plate Template

Note: These drawings are *NOT* to scale and should be used for dimensional purposes only

2. Make the supply connections

- Make the supply connections with the 16-3 SEO cord supplied.

3. Lamp Installation

- Open the fixture by loosening the two 5/32" allen key screws at the top of the door frame and allow the lens to hinge open.
- Prior to installing the lamp verify the lamp source and wattage corresponds with the fixture label. Screw the lamp securely into the socket, back it out 2 full turns and tighten it securely again. This procedure properly seats the lamp.
- Close the fixture frame by hinging the lens assembly closed and tighten the two 5/32" allen key screws to 50 in.-lbs. **EVENLY**.

4. Ballast Access

****THE FIXTURE SHOULD NOT BE ENERGIZED DURING ANY ELECTRICAL WORK****

The ballast is pre-wired so access to the ballast during installation is unnecessary unless using a multi-tap ballast.

- Remove the four slotted screws holding the reflector assembly to the housing.
- Locate the ballast plug, disconnect the reflector and remove.
- Ensure the fixture is not energized and disconnect the incoming power leads from the ballast.
- Remove the 1/4" nuts, the ballast can now be removed from the housing.

Multi-tap Ballast (TB)

This option offers multi voltage capability.

- First determine the correct line voltage. Then select the corresponding fixture voltage lead, remove the crimped cap and connect to the supply voltage lead.
- The fixture lead marked COM should then be connected to the neutral supply lead on all multi-voltage fixtures.
- Be sure to cap off all unused fixture leads individually.

**** The multi-tap ballast will be wired for 277V at the factory.****

NOTE: On the 120V and 277V systems, connect voltage supply lead to fixture lead marked with voltage marker, then connect neutral supply lead to fixture marked COM. On other voltage systems, connect one supply lead to fixture lead marked with proper voltage and connect other supply lead to fixture lead marked COM. On multiple voltage fixtures, insulate all unused fixture leads individually.

OPTIONS: WFL

WARNING: Options are to be installed in the field. **DO NOT** alter fittings when installing accessories or mounting the fixture. Recheck all connections and bolts to insure they will not loosen due to vibration.

FACTORY INSTALLED OPTIONS

TAPPED BALLAST - TB

This option offers multi-voltage capability. To wire a fixture that contains a tapped ballast, first determine correct line voltage. Select the proper fixture voltage lead, remove crimped cap and connect to supply voltage lead. The fixture lead marked COM should then be connected to the neutral supply lead on all multi-voltage fixtures; be sure to cap off all unused fixture leads individually. The tapped ballast will be wired for 277V at the factory.

SINGLE/DOUBLE FUSING - complete with fuses

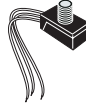
SF - Single fuse is internally accessible for use with 120, 277, or 347 volt fixtures

DF - Double fuse is internally accessible for use with 208, 240, or 480 volt fixtures.

Note: Fusing is not available with tapped ballasts

PE - Photoelectric Cell, Button Type

The photoelectric cell is not available with a 480 volt or tapped ballast.



SHEILDING OPTIONS

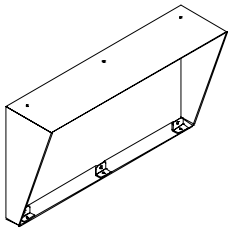
The door frame can be opened with the visor attached. A longer 1/8", T-handle allen key must be used with the EV.

Ordered with the fixture

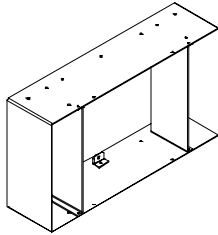
All visors and vandal guard will attach to the door frame with six 8-32 machine screws, provided. Holes will be pre-drilled in the door frame.

Ordered separately for existing fixture:

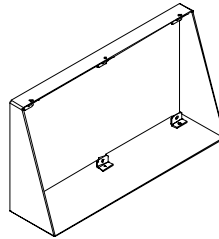
When visors or vandal guard are field installed, the door frame will have to be drilled for 8-32 self-tapping screws. The holes should be drilled no deeper than 1/2 of an inch.



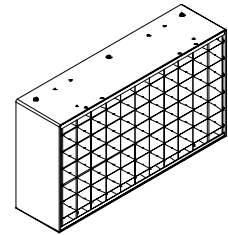
UV - UPPER VISOR



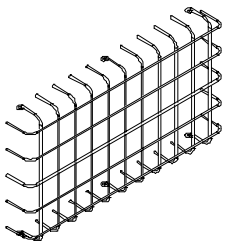
FV - FULL VISOR



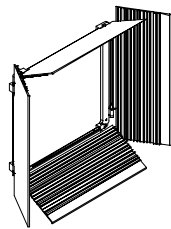
BV - BOTTOM VISOR



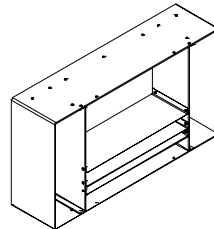
EV - EGG CRATE VISOR



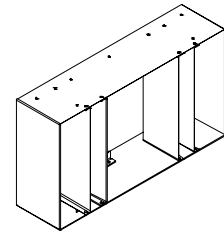
WG - WIREGUARD



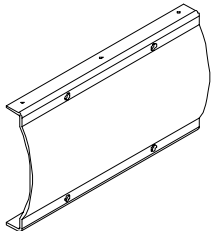
BD - BARN DOORS



HLV - HORIZONTAL LOUVER



VLV - VERTICAL LOUVER



BVG - VANDALGUARD