FCD7000 Series - INSTALLATION INSTRUCTIONS

CAUTION: BEFORE CONNECTING THE FIXTURE TO A POWER SUPPLY. MAKE SURE THE POWER IS SWITCHED OFF.

WARNING: Do not use fixture in area where water pools. A drainage pipe is required for areas with heavy rains, high clay soil content, and non-cement (paver, soil, stone and sand) installations.

GENERAL:

- 1. Before starting the installation, make sure all electricity has been turned off and electrical breaker has been locked out and tagged out.
- 2. To ensure the success of the installation, be sure to read these instructions and review the diagrams thoroughly before beginning.
- 3. All electrical connections must be in accordance with local codes, ordinances, or the National Electrical Code.

NOTE: The important safeguards and instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur.

INSTALLATION:

WARNING: Do not use fixture in area where water pools. A drainage pipe is required for areas with heavy rains, high clay soil content, and non-cement (payer, soil, stone and sand) installations. A French drain is required for landscaping and paver applications: Improperly installed fixtures will void warranty.

- 1) Dig the area around the fixture location 18" below grade and a 12" radius around fixture. **IMPORTANT:** I ine the area with a filter fabric.
- 2) Knock out outside access holes or conduit holes, depending on conduit layout. Tape over unused endcap holes.
- 3) Locate well housing and attach to forms or rebar. *IMPORTANT:* Make sure top edge of well housing is level and 1/8" above finished grade.
- 4) Run watertight conduit to outdoor wiring box (Bell #5320-0 or equivalent supplied by others) inside of well housing. The box should be located inside the well housing, 1.5" below the fixture. See Figure A **NOTE:** When adding a drainage pipe, position the pipe opening one inch below j-box.
- 5) Reinforce well housing with two or three 2x4 blocks to avoid distortion during concrete pour. See Figure B
- 6) Back fill surrounding area and well housing with 5/8" crushed gravel level to the top edge of the j-box to allow for access.
- 7) Pull wires to i-box, **ATTENTION:** Luminaires may be damaged if connected to conduit systems containing water. Article 300-5G of the NEC requires the "conduits raceways through which moisture may contact energized live parts shall be sealed or plugged at either or both ends.

IMPORTANT: Installer must use water proof wire nuts.

- 8) Add additional sub base and base around outside of fixture following local codes. Pour concrete, tapering the concrete from 3/8" away from the edge of the well housing (1/8" above grade) to grade level 6" away from well housing. *IMPORTANT:* This is required to direct water away from the well housing.
- 9) Route cord through cord grip in j-box cover (provided by others). Make electrical connections per local codes. **IMPORTANT:** The well housing must be grounded in accordance with the NEC and/or local codes. Insert fixture into well housing and tighten face screws. See Figure C: Screws have a swing out toggle to catch the outer edge of well housing.
- 10) Turn on breaker and check operation.

OPTIONAL: A small amount of silicone or similar may be used to create a non water tight seal between the glass and concrete to reduce debris and to create a seamless effect.

NOTE: Minimal silicone should be used so that fixture can be cut out and removed when servicing fixture.

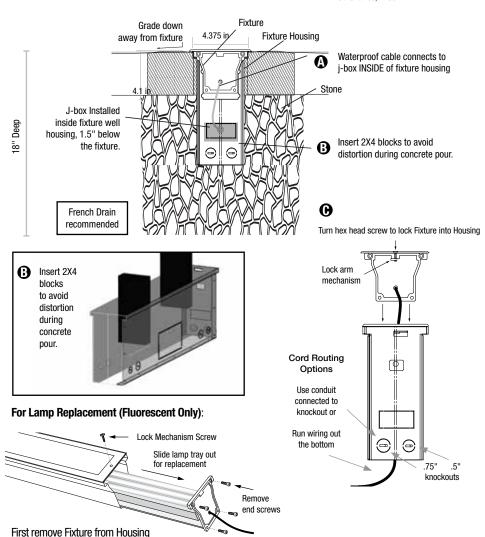




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DETAILED ILLUSTRATION

Now locate the end of Fixture with power cord and remove lock mechanism screw. Then remove screws from same end of Fixture. Pull out on end cap to slide the lamp tray out of Fixture. Replace lamps. Reverse these steps for reassembly and follow steps 3 thru 7 above to reinstall Fixture into Housing grade.

grade by loosening the lock mechanism screw.

IMPORTANT: All FC|SSL products can be cleaned with non-abrasive and chemical free agents. Use a soft cloth with mild detergent on exterior only.