

FCD480 SERIES (ASSEMBLY) - INSTALLATION INSTRUCTIONS

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



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3609 Swenson Ave. St. Charles, IL 60174

DETAILED ILLUSTRATION

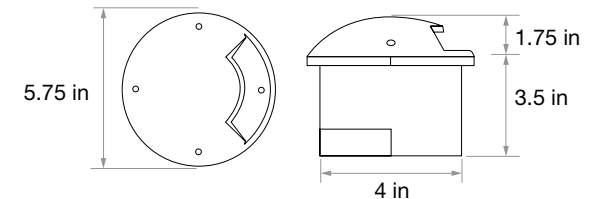
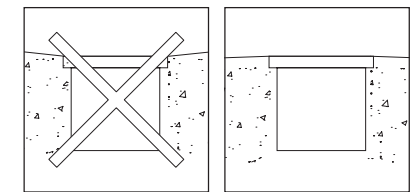
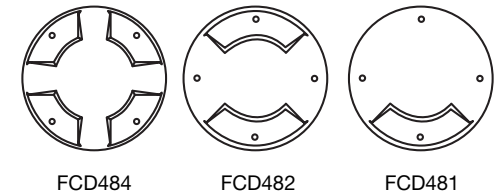
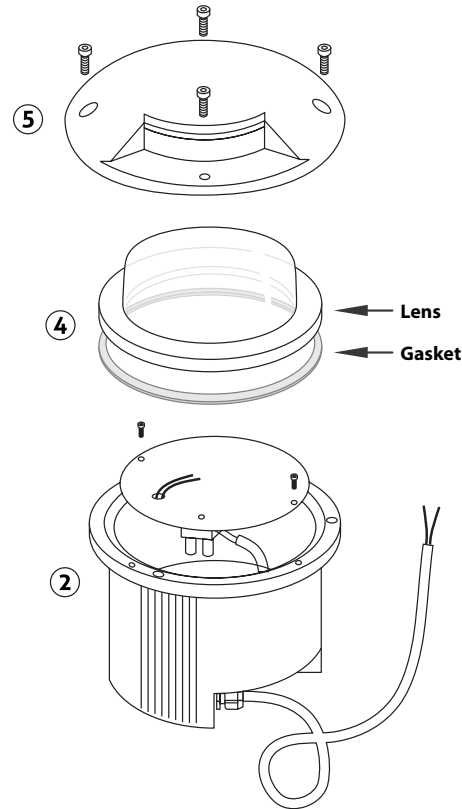
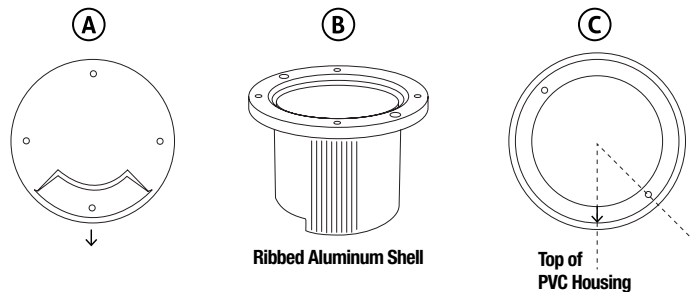
GENERAL:

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:

- 1) Connect the wiring.
 - 2) Place the device **(2)** into the appropriate positioning (ground / wall) and tighten.
 - 3) Fit the polycarbonate clear lens and gasket **(4)**, into the seat of aluminum shell.
 - 4) Tighten the top down over the lens with stainless steel hex screws **(5)**.
 - 5) To aim the light direction, follow these steps.
 - a) Aim light window in desired direction **(A)**.
 - b) Aim the ribbed edge of the Aluminum Shell in the same direction as well **(B)**.
- Note:** Both sides of aluminum shell have ribbing so bottom wiring can face either direction.
- c) Aim arrow on top of PVC Housing in same direction as light window **(C)**.
 - d) Fasten Shell to PVC Housing with the screw 45° counter clockwise to aiming direction **(C)**.



NOTE: Fixtures are listed for installation with liquid tight or rigid wall conduit only. Fixtures installed without a silicone bead will void the warranty.

FCD480 SERIES (CONCRETE POUR) - INSTALLATION INSTRUCTIONS

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FC
LIGHTING

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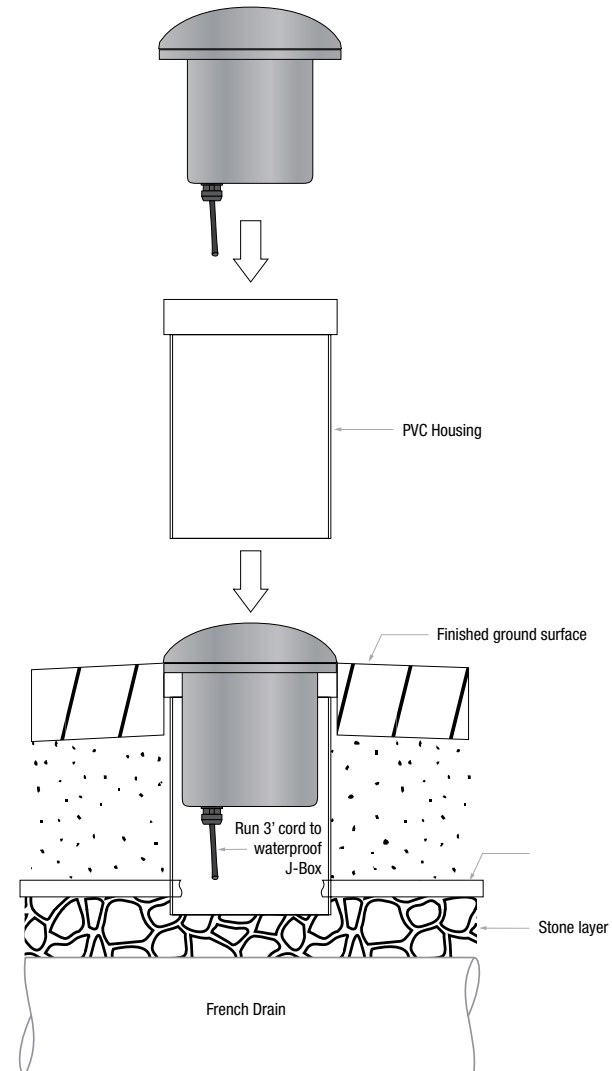
NOTE: The important safeguards and instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur.

INSTALL FOR CONCRETE POUR:

- 1) Make sure proper drainage is arranged to avoid accumulation of water around the fixture. French Drain recommended in clay type soil. Add several inches of stone at the bottom of the PVC Housing, as illustrated.
- 2) Insert and set the PVC Housing in the ground. Make sure the installation height is within 2 cm above grade. This will promote water run-off on the finished ground surface.
- 3) After pavement is in place, level the PVC Housing so it's flush with the pavement surface.
- 4) Connect wiring, by running cord to a waterproof J-Box or in accordance with local codes or NEC standards. Use silicone wire nuts where needed. Fixture provided with 3' cord.
- 5) Insert the fixture into the PVC Housing, adding a bead of silicone where the edge of the fixture contacts the PVC. Then secure the fixture to the housing using stainless steel hex screws. Tighten screws evenly and avoid overtightening.

NOTE: The FCD480 Series (D481, D482, D484) has an Ingress Protection 67 rating (IP67), meaning it is impenetrable to dust and can survive immersion in water for 30 minutes.

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