

# FCD609R / FCD609S w/Standard Optics (ALL GROUND) - INSTALLATION INSTRUCTIONS

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



800.900.1730  
3609 Swenson Ave.  
St. Charles, IL 60174

**J-BOX RECOMMENDATION:** NEMA 6P Rated Box to be provided by others.

## 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.

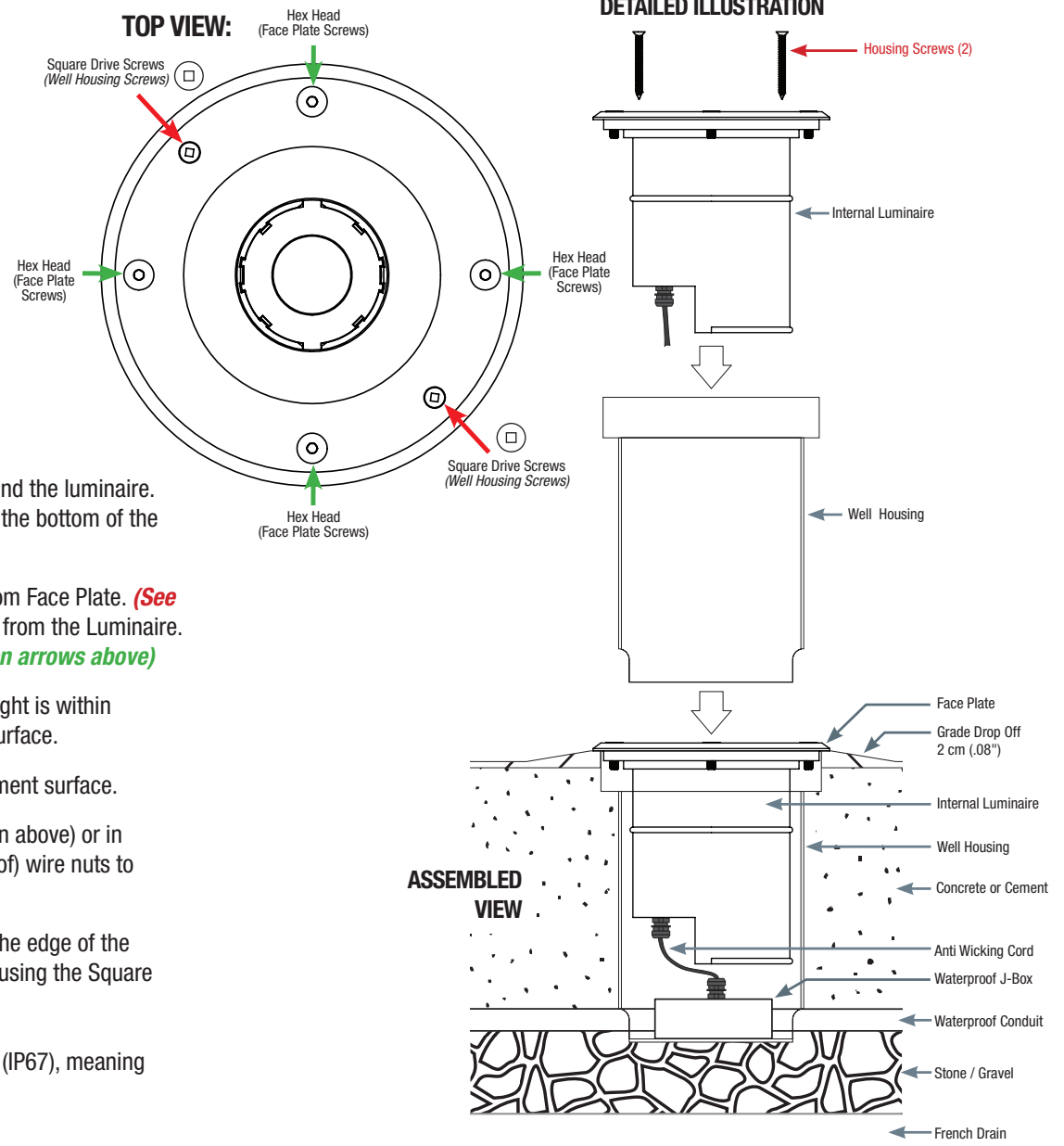
**NOTE:** The important safeguards and instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur.

## INSTALL FOR CONCRETE POUR:

**IMPORTANT:** Concrete installation is required for drive over applications. Improper installation will void warranty.

- 1) Make sure proper drainage is arranged to avoid accumulation of water around the luminaire. French Drain recommended in clay type soil. Add several inches of stone at the bottom of the Well Housing, as illustrated.
- 2) Remove square drive screws (2 shown above, 4 used prior to Aug. 2021) from Face Plate. **(See RED arrows above)**. This will allow the plastic Well Housing to be removed from the Luminaire. **\*\*\*DO NOT REMOVE HEX DRIVE SCREWS FROM FACE PLATE\*\*\* (See Green arrows above)**
- 3) Insert and set the Well 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.
- 4) After concrete is in place, level the Well Housing so it is flush with the pavement surface.
- 5) Connect wiring, by running cord to a waterproof J-Box (see recommendation above) or in accordance with local codes or NEC standards. Use silicone filled (waterproof) wire nuts to make connections where needed. Luminaire is provided with 5' cord.
- 6) Insert the luminaire into the Well Housing, adding a bead of silicone where the edge of the luminaire contacts the Well. Then secure the Luminaire to the Well Housing using the Square Drive Screws. Tighten screws evenly and avoid overtightening.

**NOTE:** The FCD609R and FCS609S Series have 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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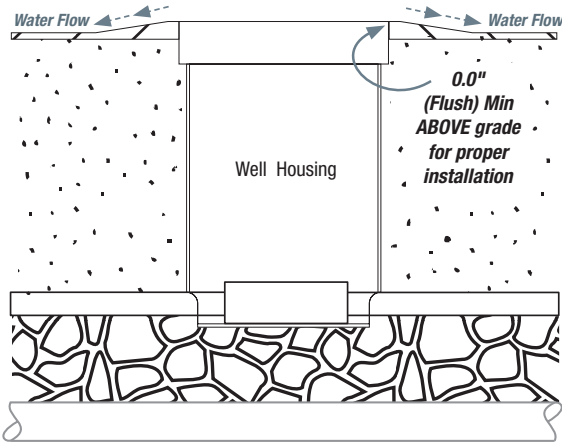
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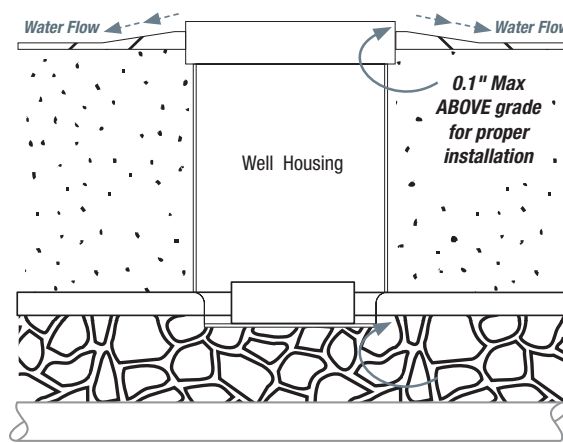
**SIDE VIEWS:**



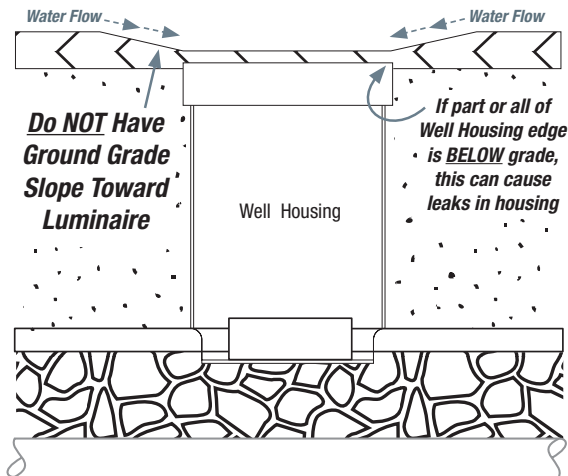
**CORRECT: WELL HOUSING FLUSH TOP**



**CORRECT: WELL HOUSING ABOVE GRADE**



**NOT CORRECT: WELL HOUSING BELOW GRADE**



**TOP VIEW:**



**SURROUNDING GRADE MUST DROP-OFF WITHIN 12" OF LUMINAIRE**

**CHECK ALL AROUND WELL HOUSING FOR ABOVE GRADE AND DRAINAGE AWAY FROM LUMINAIRE**

