

# INSTALLATION INSTRUCTIONS FOR 120 VOLT SL-20-SM WELL LIGHTS

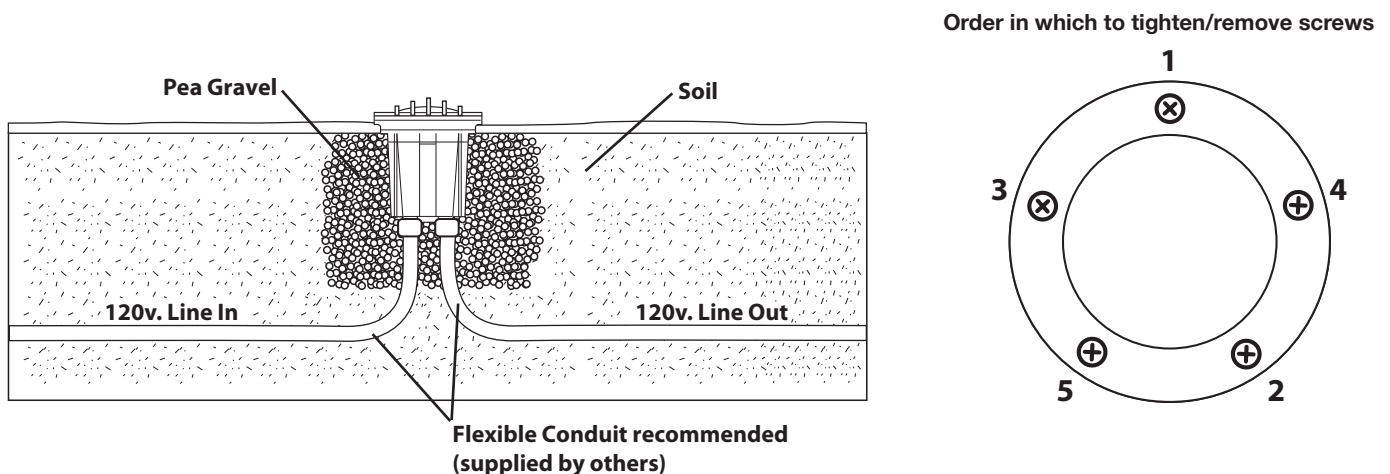
INSPECTED BY:

**NOTE: Must be installed by a licensed electrician per local codes**

READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLING FIXTURE

**CAUTION:** All Well Lights should be installed in a manner that water will drain away from the fixture. The preferred method is with pea gravel or sand. This allows excellent drainage. Fixture must also be positioned where the top edge of housing is above final grade by a minimum of 1" to prevent water or debris from entering the housing. Well Lights are NOT underwater lights. Do NOT install in low grade areas where water will gather. In turf applications it is best to use 2 x 4's or concrete border to separate grass from fixture, insuring proper drainage and preventing lawn equipment from damaging the product.

1. Turn off power at fuse box or circuit breaker panel before installation
2. Dig hole approximately 12" wide by 12" deep. If the installation is in concrete, the fixture must be placed on a 4" minimum bed of gravel with soil below. Use Focus Concrete Form (FA-FORM-SL20SM) for concrete installation.
3. Remove the five (5) 10-24 Phillips screws from lens holder or grate with Phillips #2 screwdriver.
4. Remove lens holder/grate, convex lens, O-ring and aluminum reflector.
5. Sweep conduit into SL-20-SM using supplied 1/2" female PVC adapter. Use thread sealant to connect all conduit fittings.
6. If feeding power through to another fixture, unscrew 1/2" NPS plug and use proper adapter with thread sealant. Use provided plugs to seal all unused conduit entries, if required.
7. Make sure to seal and pot all conduit entries and exits to prevent water from entering fixture.
8. Connect line voltage supply wire (black/white/green) to socket in accordance with NEC and local requirements. We recommend using UL approved gel filled connectors.
9. Insert aluminum reflector and push firmly into bucket so edge of reflector is flush or below edge of secure channel.
10. Insert lamp type designated on label inside fixture. Make sure to use only lamp type and wattage specified on the label.
11. Insert O-ring into O-ring groove, and place convex lens on top of O-ring.  
CAUTION: Remove all dirt and debris from O-ring groove and O-ring as debris may cause leakage and void warranty.
12. Re-install lens holder/grate and securely tighten screws in an alternating torque sequence. (See Illustration below)
13. Backfill hole after installation with material that will drain water away from fixture. See caution note above.



## WARNING

Do NOT cover or surround well light with any leaves, mulch, pine straw, bark or any other combustible material as this could cause a fire and/or damage the lens apparatus and void the warranty. For proper operation and efficiency and to prevent well light from over heating, lens must be kept clean and free of dirt, dust, leaves, trash and mineral deposits from irrigation water. We recommend regular scheduled maintenance for optimum life and efficiency.