

RDB Series Installation Instructions

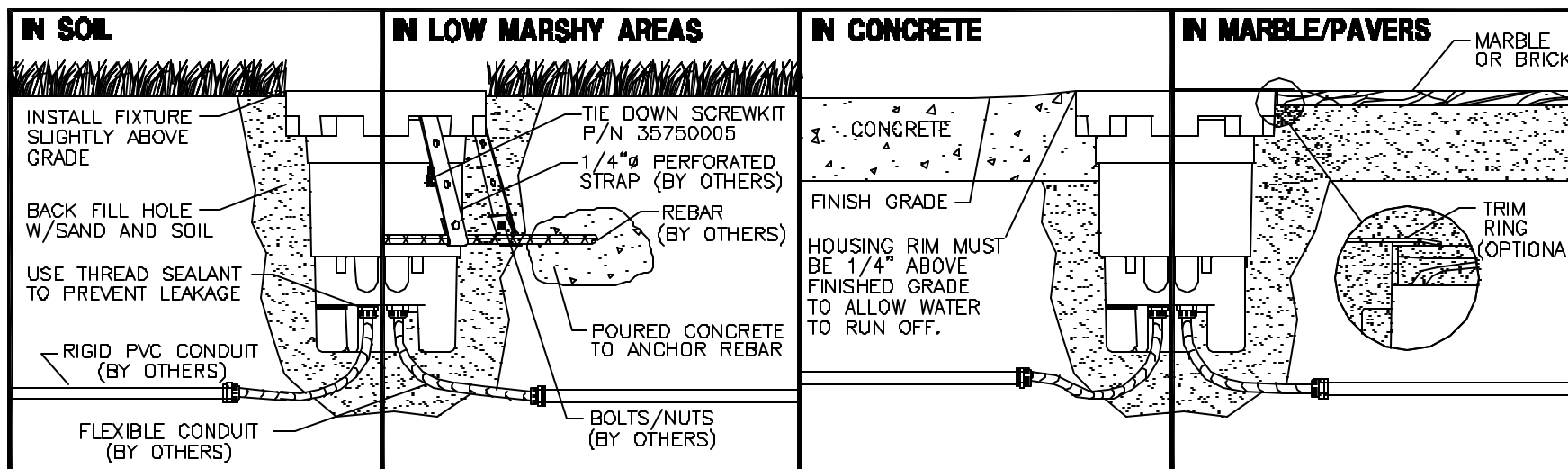
ROBINSON P/N 45218 1/06

IMPORTANT— READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLING FIXTURE HOUSING.
— THIS PRODUCT MUST BE INSTALLED PER LOCAL, STATE, AND NATIONAL ELECTRIC CODES.

TOOLS REQUIRED FOR INSTALLATION: #3 POINT PHILLIPS SCREWDRIVER, #2 POINT PHILLIPS SCREWDRIVER

FIXTURE HOUSING INSTALLATION:

1. Excavate hole approximately 20" deep by 20" in diameter. Install conduit fittings using teflon tape or other thread sealant.
2. Install Fixture Housing per appropriate figure below.
3. Back fill hole with sand and soil for stability. Do not back fill with bark or vermiculite.



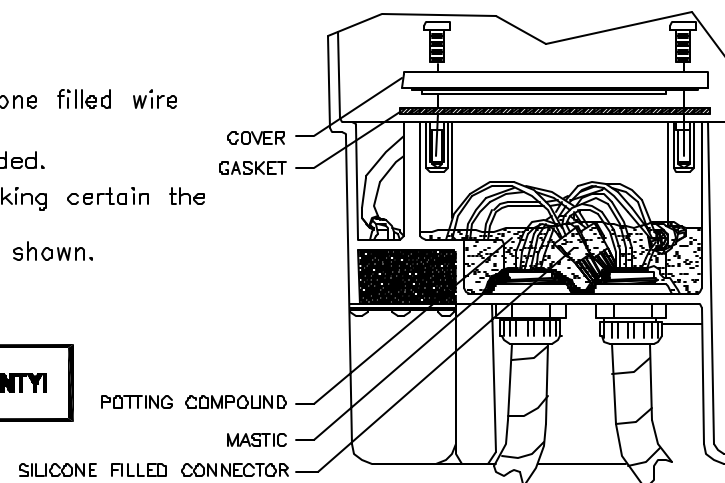
FIXTURE HOUSING WIRING:

1. Pull supply conductors into junction box. Make connections with the silicone filled wire connectors provided.
2. Seal conduit entries from inside the junction box using the mastic provided.
3. Mix potting compound per instructions on envelope. Pot junction box making certain the connections are covered by the compound as shown.
4. Install junction box cover and gasket with the four screws (provided) as shown. Torque screws to 30-40 in./lbs. torque for proper seal.
5. See page 2 for finishing section installation details.



FAILURE TO PROPERLY WIRE AND ENCAPSULATE J-BOX WILL VOID PRODUCT WARRANTY!

FINISHING SECTION INSTRUCTIONS ARE LOCATED ON THE OPPOSITE SIDE OF THIS PAGE



⚠️ FIXTURE HOUSING MUST BE FREE OF DIRT AND MOISTURE PRIOR TO INSTALLATION OF ANY FINISHING SECTIONS!

FINISHING SECTION INSTALLATION

1. Housing must be free of dirt and water! Vacuum and wipe any dirt or moisture from housing. Place Powerpak in the bottom of the housing and secure with the screws provided.
2. Connect the 3-circuit male connector on the Powerpak to the female connector in the housing.
3. Install Access Barrier Plate aligning Powerpak secondary cable with slot in plate. Secure with screws provided.
4. Connect the 4-circuit female connector from the Reflector Assembly to the male connector on the Powerpak.
5. Aim and adjust the Reflector Assembly according to instructions provided with the Reflector Assembly.
6. Lock the position of the reflector in the housing and install the correct lamp. See Powerpak & Reflector for lamp information.
9. Make sure gasket seating surface is clean and install the lens/gasket assembly. Install lens frame, or rockguard, or directional shield per instructions provided in their shipping carton.

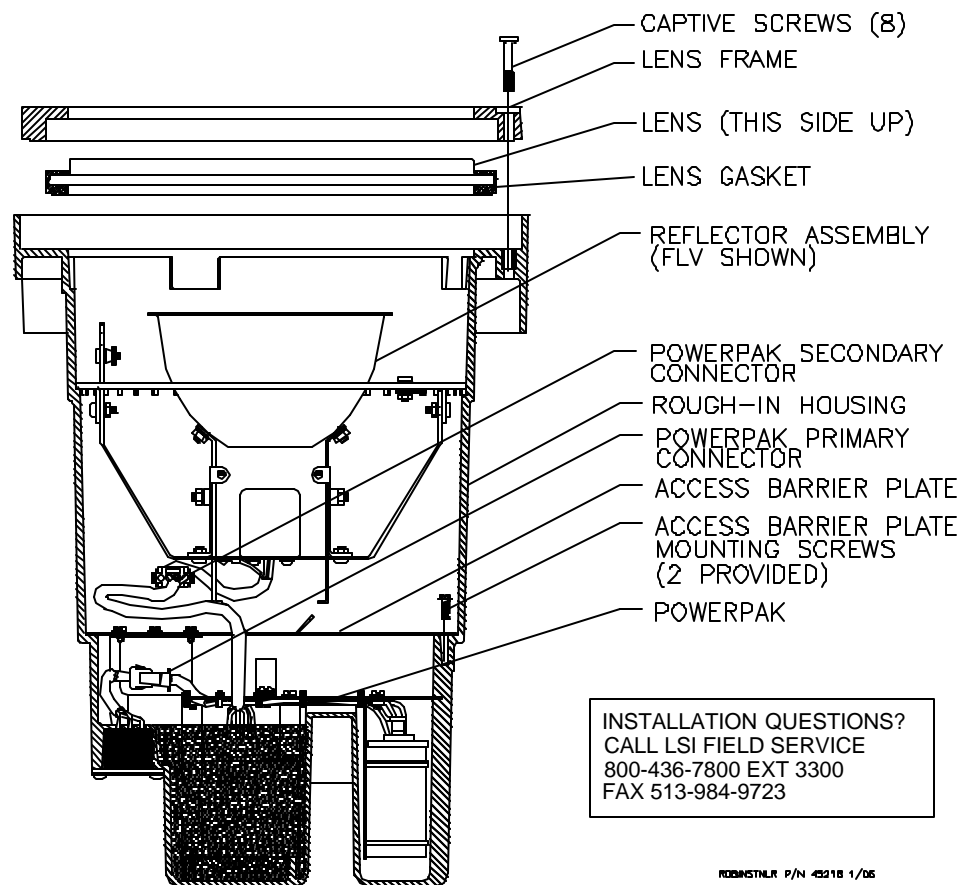
MAINTENANCE

⚠️ ACCUMULATED DEBRIS/MINERALS ON THE LENS WILL CAUSE EXCESSIVE HEAT BUILD-UP RESULTING IN PREMATURE LAMP FAILURE, FIXTURE FAILURE, OR FIRE. THE LENS MUST BE CLEANED REGULARLY WITH A MINERAL DISSOLVING CLEANER.

It is the responsibility of the contractor to:

1. Insure the fixture is properly installed.
2. Insure the fixture is grounded in accordance with applicable local, state, and national electrical codes.
3. Determine that the correct lamp, ballast, fixture, and voltage combination is used.
4. Instruct the owner in the required maintenance.

FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS OR MAKING ANY MODIFICATIONS TO THE FIXTURE WILL AUTOMATICALLY VOID THE WARRANTY. FIXTURE FAILURES RESULTING FROM POOR MAINTENANCE WILL NOT BE COVERED BY THE WARRANTY.



INSTALLATION QUESTIONS?
CALL LSI FIELD SERVICE
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