

Techlight TLWL Well Light Installation Instructions

PLEASE DO NOT REMOVE LABELS FROM THIS FIXTURE. READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION OF FIXTURE*. THIS EQUIPMENT SHOULD ONLY BE INSTALLED BY QUALIFIED ELECTRICIANS IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES.

*** FAILURE TO FOLLOW THESE INSTRUCTIONS MAY VOID WARRANTY!!**

1. THESE FIXTURES ARE NOT INTENDED, OR APPROVED, FOR UNDERWATER USE. THE FIXTURES MAY BE INSTALLED IN PLANTERS, LAWN AREAS, OR EMBEDDED IN ASPHALT OR CONCRETE.

2. EXCAVATE SOIL FOR THE FIXTURE LOCATIONS AND CONDUIT RUNS. WHEN INSTALLING IN PLANTER BEDS, THE TOP OF THE GRILL SHOULD BE SLIGHTLY ABOVE FINISH GRADE, AND THE GRADE SLIGHTLY SLOPED AWAY FROM THE FIXTURE. WHEN INSTALLING IN AREAS TO BE PAVED WITH ASPHALT, OR EMBEDDED IN CONCRETE, NORMAL NEC APPROVED PROCEDURES SHOULD BE FOLLOWED. A SLIGHT SLOPE AWAY FROM THE FIXTURE IS RECOMMENDED FOR THESE INSTALLATIONS.

NOTE: 18" BELOW FIXTURE WELL MUST BE FILLED WITH GRANULAR MATERIAL (GRAVEL) TO PROVIDE ADEQUATE DRAINAGE OF WATER TO PREVENT FIXTURE FROM BECOMING SUBMERGED.

3. **IMPORTANT:** FIXTURE SHOULD NOT BE INSTALLED IN INSULATING MATERIALS SUCH AS BARK OR VERMICULITE, ETC., FOR THE FULL DEPTH OF THE FIXTURE INSTALLATION IN THESE MATERIALS MAY VOID WARRANTY. SURFACE USE OF THESE MATERIALS IS ACCEPTABLE.

4. **IMPORTANT:** SUPPLY CORD FROM FIXTURE MUST BE PROPERLY SLEEVED IN ACCORDANCE WITH THE NEC AND RUN DIRECTLY TO POWER SOURCE WITH NO BELOW GRADE SPLICES. FAILURE TO DO SO MAY VOID WARRANTY.

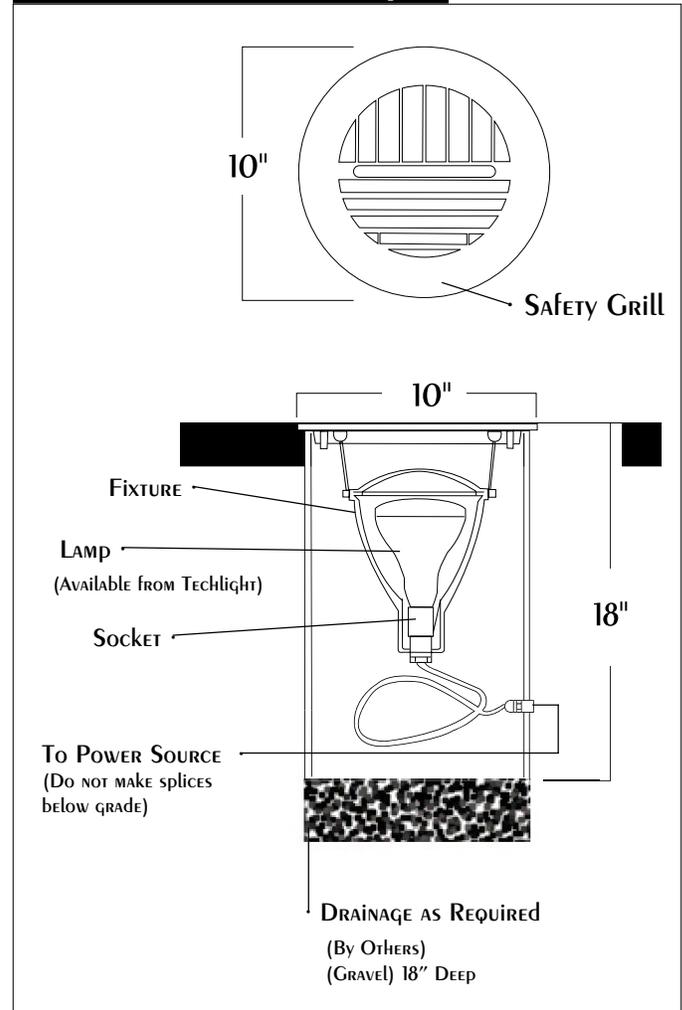
5. REMOVE THE GRILL AND THE LENS/GASKET FROM THE LAMP HOUSING. INSTALL THE LAMP. THE CIRCUITS CAN NOW BE CHECKED FOR PROPER OPERATION. AFTER CIRCUITS ARE CHECKED, REPLACE LENS/GASKET. BE SURE GASKET IS PROPERLY SEATED IN FIXTURE. ADJUST GRILL AND LAMP HANGER TO AIM LAMP AS DESIRED. TIGHTEN SCREWS EVENLY AND SECURELY USING ALTERNATING SEQUENCE, TO 20-30 INCH LBS. THE FINAL FILLING AND GRADING CAN NOW BE DONE.

CAUTION: IMPROPER TIGHTENING OF SCREWS MAY DAMAGE FIXTURE & VOID WARRANTY!!!

6. **IMPORTANT:** TO ENSURE A GOOD SEAL OF THE LAMP COMPARTMENT, RE-TIGHTEN LENS RETAINER SCREWS AFTER 5 HRS. OF FIXTURE OPERATION.

7. MAINTENANCE SHOULD BE SCHEDULED TO REMOVE DIRT OR OTHER DEBRIS ON LENSES THAT MAY CAUSE ELEVATED TEMPERATURES ON THE GLASS, AND TO PROVIDE MAXIMUM LIGHT OUTPUT.

Grade-Mounted Well Light



SERVICE DANGER - DISCONNECT POWER BEFORE SERVICING!!!

1. WHEN RELAMPING FIXTURES, INSPECT GASKETS, CORD SEALS, SOCKET AND CORD FOR POSSIBLE WORN OR DANGEROUS CONDITIONS THAT MAY BECOME A FATAL SHOCK HAZARD.
2. DO NOT REINSTALL IN THE FIXTURE CRACKED OR WORN GASKETS, LENS, CORD SEAL, SOCKET, CORD, OR ANY DAMAGED EQUIPMENT.
3. TECHLIGHT RECOMMENDS REPLACING GASKETS WHEN RELAMPING FIXTURES.
4. SEE TECHLIGHT CATALOG FOR REPLACEMENT PARTS.

THESE INSTRUCTIONS DO NOT COVER ALL DETAILS OF VARIATIONS IN EQUIPMENT, NOR TO PROVIDE FOR EVERY POSSIBLE CONTINGENCY RELATED TO INSTALLATION, OPERATION, MAINTENANCE, OR MOUNTING ATTITUDE. SHOULD SPECIFIC PROBLEMS OCCUR THAT ARE NOT COVERED SUFFICIENTLY FOR THE PURCHASER'S PURPOSE, CONTACT TECHLIGHT FOR ADDITIONAL PRODUCT OR APPLICATION INFORMATION. IMPROPER INSTALLATION AND/OR UTILIZATION MAY VOID MANUFACTURER'S WARRANTY.