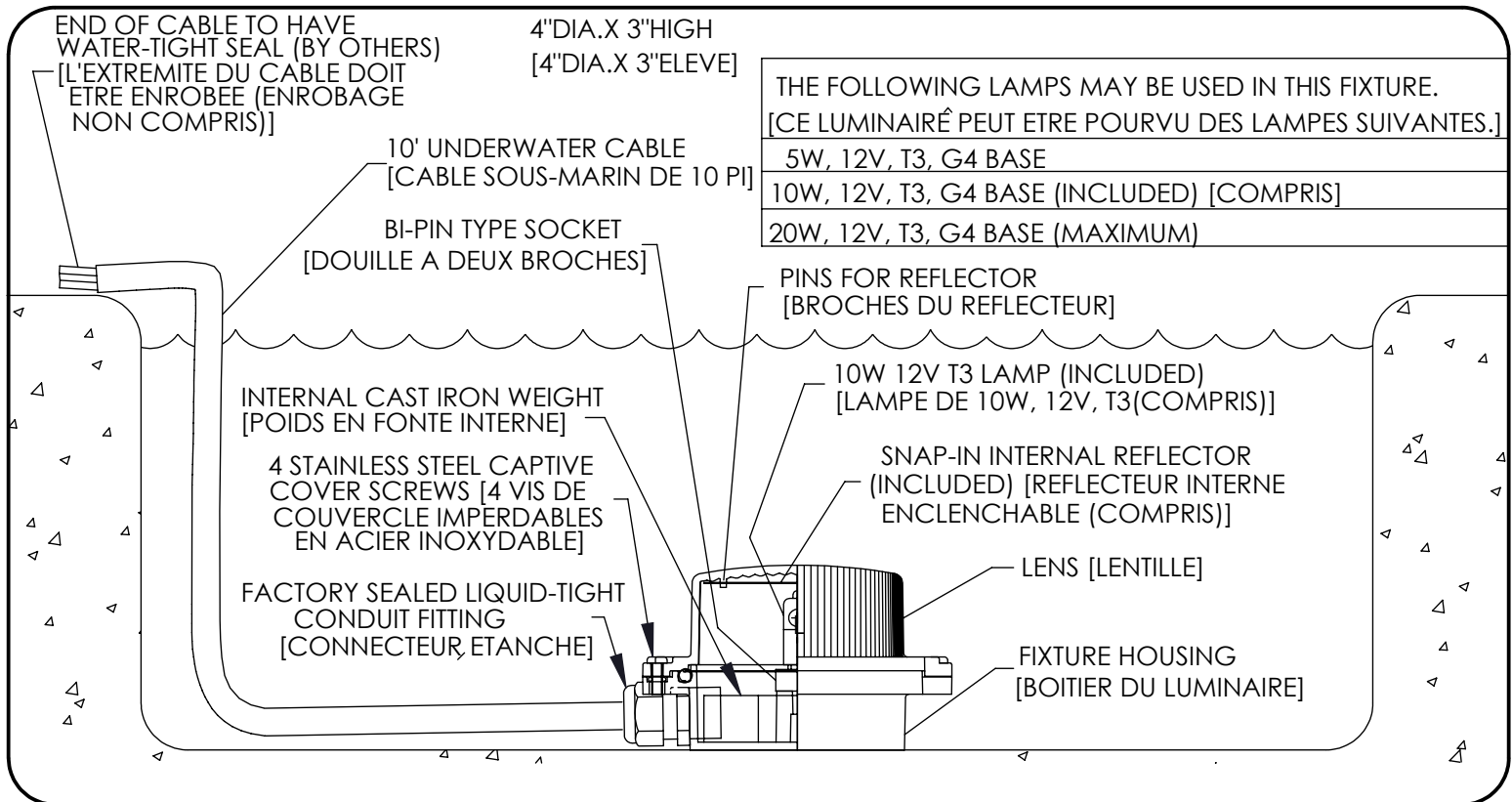


PHILIPS

100 Craftway, P.O. Box 128
Littlestown, Pennsylvania 17340-0128
Phone: 800-331-4185 Fax: 717-359-9672

INSTALLATION INSTRUCTIONS: 12V UNDERWATER SPREADLYTE



This fixture is intended for installation in accordance with the National Electrical Code and local code specifications. Failure to adhere to these codes and instructions may result in serious injury and/or damage to the ballast and void the warranty. These instructions do not purport to cover all details or variations in equipment, nor to provide for every possible contingency related to installation, operation, maintenance, or mounting situation. Should specific problems occur that are not addressed by these instructions, contact your Sales Representative or distributor for assistance. Retain these instructions for future reference.



SAFETY WARNING:

ALWAYS TURN FIXTURE OFF/DISCONNECT POWER AND ALLOW TO COOL BEFORE PERFORMING ANY MAINTENANCE, INCLUDING RELAMPING AND CLEANING!

This fixture can become very HOT! The fixture housing and lens, especially if it is glass, can become hot enough to blister hands. Attention should be paid to where the fixture is mounted, particularly if it can be touched by children or pets. To help prevent premature failure, decreased performance, overheating and risk of fire, keep fixture and lens clean and free of leaves, mulch, debris and mineral deposits from water. The fixture and lens can be cleaned using a soft cloth and a solution of mild liquid soap and warm water. Wipe clean and dry with a soft, lint-free dry cloth. Avoid polishing fixture or lens.



INSTRUCTIONS PERTAINING TO A RISK OF FIRE OR INJURY TO PERSONS IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS!

WARNING - Lamp gets HOT quickly! To reduce the risk of FIRE OR INJURY TO PERSONS:

Do not operate fixture with a missing or damaged lens/lens assembly.

Contact only switch or plug when turning fixture on or off. Do NOT touch hot lens or housing.

Turn off or unplug fixture and allow to cool before relamping. Keep lamp away from combustibles.

Do NOT touch lamp with bare hands at any time, use a soft cloth as oil from skin may damage lamp.

CAUTION!

1. This fixture is intended for use in water gardens and ponds, NOT FOR USE IN SWIMMING POOL APPLICATIONS.
2. TO PREVENT ELECTRICAL SHOCK, DISCONNECT TRANSFORMER FROM ELECTRIC SUPPLY BEFORE SERVICING.
3. DO NOT let fixture freeze. This may cause cracking or deformation that may cause the fixture to leak, or cause a safety problem.
4. DO NOT hold fixture by or pull the underwater cable. If wire is pulled, it may break the liquid-tight seal and void the warranty.
5. DO NOT loosen or remove the liquid-tight connector. This will damage the factory-set seal and result in possible leakage.
6. The end of the underwater cable MUST BE POTTED to prevent moisture from entering the cable and consequently entering the fixture. (See fig. 1)
7. The fixture is to be directly connected to a transformer conforming to the specifications of Section 680-5a of the National Electrical Code. (See fig. 2)
8. The fixture is rated Max. 20 watts, 12 volt AC. DO NOT connect fixture to any other voltage.

SERVICING INSTRUCTIONS

1. If blocking of uplight is desired, peel off protective cover of reflector disk. Be sure that reflective side of disk is facing down into fixture. Push disk up into lens over two pins. (See fig. 1)
2. LAMP INSTALLATION/REPLACEMENT
 - a) Remove the fixture from the water.
 - b) Loosen (4) cover screws and remove lens.
 - c) (Remove old lamp and) install new lamp. DO NOT exceed the maximum 20W rating. DO NOT touch lamp with bare hands. Use a clean cloth or the plastic sleeve provided with the new lamp.
 - d) The O-ring seating surface must be clean. Be sure O-ring channel is free of debris. Re-install lens.
 - e) Tighten four screws.

