

LNS-2G & LNS-2GB LENS HOUSING

Contents

1) LENS HOUSING

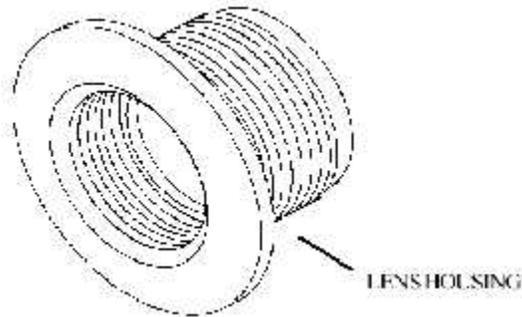


FIG. A



FIG. B

This lens assembly should glue directly on 1 ½” PVC pipe. **DO NOT GLUE A REDUCER BUSHING DIRECTLY INTO THE LENS HOUSING!** If you want to reduce to 1” PVC pipe, do so with a reducer after a few inches of 1 ½” PVC pipe. This is to allow room for the lens assembly to seat into the body of the lens housing. The LNS-2G & LNS-2GB housings must be installed 12” to 14” down from top of wall.

1. Cut the pipe as flush to the pool wall as possible. Remove any burrs from the pipe and glue the lens housing on the end (FIG A. and FIG. B).
2. Run the conduit pipe to the illuminator location. Use sweep elbows or heat bend the PVC to allow easy fiber installation.

Refer to KL2-SF or KL2-PF lens kit for the lens installation instructions.

3. Run the fiber optic cable through the housing and the pipe and seat the lens gasket and lens into the housing.
4. Thread the lens retaining ring into the housing, then use a lens tightening tool (P/N FS-117) to tighten the lens down.