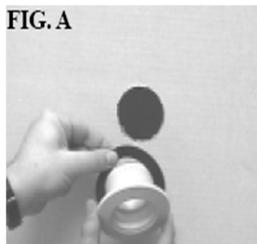
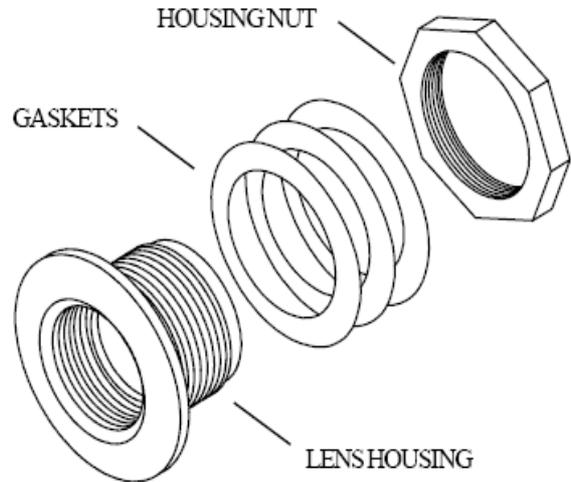




## LNS-2A LENS HOUSING

### Contents

- 1) LENS HOUSING
- 3) HOUSING GASKETS
- 1) HOUSING NUT



This lens assembly should glue directly on 1 1/2" 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 1/2" PVC pipe. This is to allow room for the lens assembly to seat into the body of the lens housing. The LNS-2A must be installed 12" to 14" down from top of wall.

- 1) Cut a 2 3/8" hole in the acrylic or fiberglass wall. Place one of the rubber gaskets on the lens housing as shown and place the housing in the hole from the inside (FIG. A).
- 2) On the outside of the wall, place the other rubber gasket on the lens housing then follow it with the paper gasket. Thread the nut onto the housing and tighten with a wrench (FIG. B).
- 3) Glue 1/2 " pipe into the lens housing (FIG. C) and run the 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 kits for lens installation instructions.**

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