

SUGGESTED INSTALLATION GUIDELINES

Incandescent Indicator Light Unit IL-LC4 (120VAC)

The power-on indicator light unit is designed and manufactured for ease of installation. However, the safety of the personnel during the installation is the major factor. Therefore, please adhere to all company safety policies, which pre-empt these suggested guidelines.

1. **IL-LC4** kit includes: One assembled light unit complete with: one *R120.10SF lamp bulb and clear lens assembly with threaded housing*, one 2" O-ring, one 2 3/8" O-ring, one 2 3/8" stainless steel mounting nut, and one 2.5" plastic grey flange nut, and this *instruction sheet*.

Installing the Power-On Light:

- 1) Prepare mounting hole in instrument housing, as required, with 3" diameter carbide cutter (not provided GEMS Part Number IL-CHC2), remove burrs.
- 2) NOTE (Lining Present): Remove lining partially from instrument housing, as required, with 3" hole saw or mount 4"x 4" square Nylon washer over the lining.
- 3) NOTE: *The IL-LC4 can be mounted through material up to 3/4" thick. The location for mounting the light unit should be clear of all existing wires, cabling, terminal boards, and/or equipment that would interfere with the mounting nut and/or lamp bulb replacement.*
- 4) Place the lens assembly (less *R120.10SF* lamp and plastic flange nut) through the 2 3/8" hole with the 2 3/8" O-ring over the lens threaded housing resting against the 2 3/8" mounting nut and place the 4"x4" square washer on the lens threaded housing.
- 5) Secure the 2 3/8" mounting nut on the lens threaded housing. NOTE: assure six (6) bent tightening lugs on the 2 3/8" mounting nut are pointed away from the washer surface.
- 6) Tighten mounting nut firmly to allow O-ring to make a water tight seal and the lens assembly cannot be turned from the outside.
- 7) Install the *R120.10SF* lamp, socket assembly and plastic flange.
- 8) Attach wires to the power source (120VAC) and verify operation.