# **MOISTURE SEALED LITEPIPE® ASSEMBLY**

SPECIFICATIONS	
MATERIAL	LITEPIPE® - Acrylic (Clear optical grade) CLIPLITE®Lens - Polycarbonate, Seal - J-Von Retaining Ring - Polypropylene (black) (U.L. Listed Materials)
DESIGN	Low profile lens assembly with moisture seal and LITEPIPE $^{\circ}.$
MOUNTING	Mounts in .281" (7.2mm) hole on 3/8" centers. Panel thickness 1/32" to 1/8". Compression of the seal is accomplished by pressing the retaining ring into place.
STANDOFF	Use standoff to adjust height of standard LED above the PCB in order to maintain a maximum .050 $^\circ$ clearance between LITEPIPE $^\circ$ and LED. See STD Series data sheet on page 31.

STANDOFF FOR FINE

RNG 268

Pass lens through panel opening. Press on retaining ring. Air gap .050" max. between LED and

RING

HEIGHT ADJUSTMENT

A

I ITEPIPE®

LED

P. C. BOARD



U.S. & Foreign Patents Issued and Pending

LITEPIPE®

#### VERSATILITY

The LITEPIPE® assembly provides a method of transmitting the light from PCB mounted LEDs to the front display panel. Both styles of LEDs, surface mount, 3mm and 5mm standard packages can be displayed in this manner.

#### BRIGHTNESS

LITEPIPE  $^{\circ}$  increases the apparent brightness and viewing angle of a PCB mounted LED. LITEPIPE  $^{\circ}$ transmits the light from the source to the lens, which in turn disperses the light up to 180 degrees.

#### **APPLICATION**

The LITEPIPE® assembly meets NEMA 3 conditions for moisture and dust. Because there is no physical connection between the lightpipe and PCB mounted LED, the circuit board can be installed or removed without disturbing the panel display.

### **INSTALLATION**

The LITEPIPE® and CLIPLITE® lens assembly is easily installed. Pass assembly through the panel opening and press on retaining ring to secure unit to the panel. Slide PCB into position aligning LED with the end of the LITEPIPE® unit.

**APPLICATION** 

DISPLAY PANEL

MOISTURE

LITEPIPE®. Use standoff to adjust LED height.

SEAL

LENS



## **ORDERING CODES**



# **OUTLINE DRAWING**

