**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>LITEPIPE® - Acrylic (Clear optical grade)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CLIPLITE® Lens - Polycarbonate, Seal - J-Von</td>
</tr>
<tr>
<td></td>
<td>Retaining Ring - Polypropylene (Black) (U.L. Listed Materials)</td>
</tr>
</tbody>
</table>

**DESIGN**

Low profile lens assembly with moisture seal and LITEPIPE®.

**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” clearance between LITEPIPE® and LED. See STD Series data sheet on page 31.

**APPLICATION**

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.

**VERSATILITY**

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

**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.

**ORDERING CODES**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Assembly contains CLIPLITE® Lens &amp; LITEPIPE® unit RNG 268 retainer.</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLOR</td>
<td>RTP - Red Transparent, ATP - Amber Transparent, GTP - Green Transparent, BTP - Blue Transparent, YTP - Yellow Transparent, CTP - Clear Transparent</td>
</tr>
</tbody>
</table>

**LENGTH (INCHES)**

- 033 (.330”) 093 (.930”)
- 053 (.530”) 113 (1.13”)
- 073 (.730”) 133 (1.33”)

**MOISTURE SEALED LITEPIPE® ASSEMBLY**

- LMS LITEPIPE®/Lens Assembly
- RNG 268

**RECOMMENDED LEDS**

- 3mm
- 5mm

**PANEL ASSEMBLY**

Hold lens tightly to panel, careful not to mar lens surface. Use 5/16” nut driver or deep socket to press on retaining ring, compressing seal.

**OUTLINE DRAWING**

- LMS LITEPIPE®/Lens Assembly
- RNG 268