SPECIFICATIONS

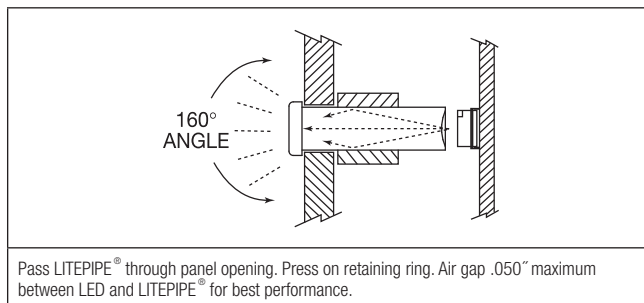|	
MATERIAL	LITEPIPE ® - Acrylic (Clear optical grade) Grommet - Polyethelene, (black) (U.L. Listed Materials)
DESIGN	Low profile, small diameter LITEPIPE ®.
MOUNTING	Mounts in .102″ (2.59mm) hole on 3/16″ centers. Panel thickness 1/32″ to 1/8″. Use grommet retainer (RTN 100).
STANDOFF	Use standoff to 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.

U.S. & Foreign Patents Issued and Pending

SURFACE MOUNT LED APPLICATION

160°
ANGLE

Pass LITEPIPE ® through panel opening. Press on retaining ring. Air gap .050″ maximum between LED and LITEPIPE ® for best performance.

VERSATILITY
The 2.5mm LITEPIPE ® 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
The 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 160 degrees.

APPLICATION
The 2.5mm LITEPIPE ® is available for use with both surface mount and standard package 3mm and 5mm LEDs. Because there is no physical connection between the LITEPIPE ® and PCB mounted LED, the circuit board can be installed or removed without disturbing the panel display.
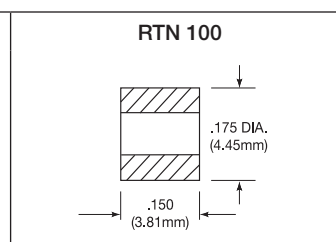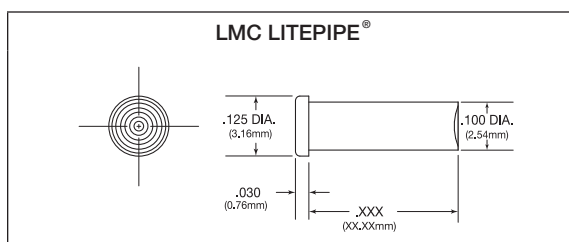
INSTALLATION
The LITEPIPE ® assembly is easily installed. Pass the LITEPIPE ® through the panel opening and press on grommet retainer to secure unit to the panel. Slide PCB into position aligning LED with the end of the LITEPIPE ®.

160°
ANGLE

ORDERING CODES

LMC XXX CTP

MODEL
(RTN 100 is sold separately).

COLOR
CTP   Clear Only

LITEPIPE ®

LENGTH	(INCHES)
020 (.200″)	080 (.800″)
040 (.400″)	100 (1.00″)
060 (.600″)	120 (1.20″)

Custom lengths available upon request.
Minimum order quantity may apply.

OUTLINE DRAWING

LMC LITEPIPE ®

.125 DIA.
(3.16mm)

.100 DIA.
(2.54mm)

.030
(0.76mm)

.XXX
(XX.XXmm)

RTN 100

.175 DIA.
(4.45mm)

.150
(3.81mm)

RECOMMENDED LEDs

.130 DIA.

3mm

.230 DIA.

5mm