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®.
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.

U.S. & Foreign Patents Issued and Pending

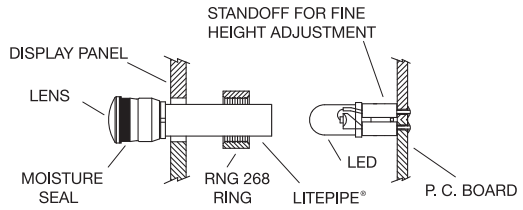
VERSATILITY
The LITEPIPE® assembly provides a method of transmitting the light from PCB mounted LEDs to the front display panel. Both styles of LEDs, surface mount, 3mm and 5mm standard packages can be displayed in this manner.

BRIGHTNESS
LITEPIPE® 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.

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.

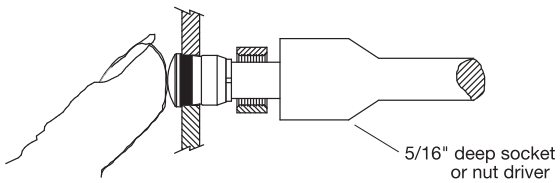
INSTALLATION
The LITEPIPE® and CLIPLITE® lens assembly is easily installed. Pass assembly through the panel opening and press on retaining ring to secure unit to the panel. Slide PCB into position aligning LED with the end of the LITEPIPE® unit.

APPLICATION



Pass lens through panel opening. Press on retaining ring. Air gap .050″ max. between LED and LITEPIPE®. Use standoff to adjust LED height.

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.

ORDERING CODES

LMS XXX RTP

MODEL
Assembly contains CLIPLITE® Lens & LITEPIPE® unit RNG 268 retainer.

LITEPIPE®

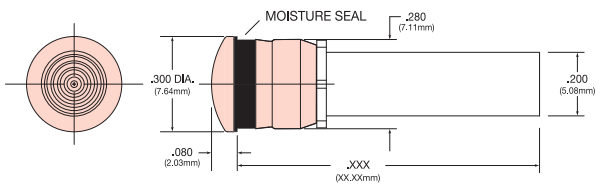
LENGTH	(INCHES)
033 (.330″)	093 (.930″)
053 (.530″)	113 (1.13″)
073 (.730″)	133 (1.33″)

COLOR

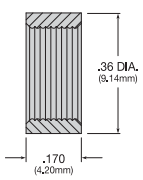
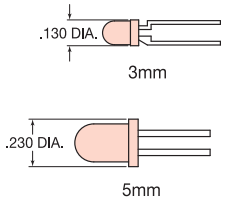
RTP	Red Transparent
ATP	Amber Transparent
GTP	Green Transparent
BTP	Blue Transparent
YTP	Yellow Transparent
CTP	Clear Transparent

OUTLINE DRAWING

LMS LITEPIPE®/Lens Assembly



RNG 268



RECOMMENDED LEDs