VCC | OPTOELECTRONICS

LSS- Moisture-sealed

VCC's LSS Series Litepipe® provides display panel moisture seal and 180° viewing angle by utilizing VCC's SMS 172 Series panel lens.

Series #	Description
LSS	Moisture Sealed



This lens and Litepipe® unit was developed to provide moisture sealing and dust control for display panels when the LED is attached to a circuit board. The LSS Series is designed for use with surface mount LEDs as well as standard thru-hole LEDs, horizontally or vertically circuit board mounted.

The Litepipe® is tubular in shape attached to a lens. The lens is fitted with a gasket that provides sealing for both moisture and dust. Panel assembly is easily accomplished. Slip the unit through a .171" panel opening and slide the retaining ring (RNG 132) over the Litepipe® barrel. While holding the lens surface tightly against the panel, press the ring on. The gasket is compressed as the ring is forced into place against the rear of the panel. This leaves the circuit board free from attachment to the display panel allowing for easy board insertion or removal.

The Litepipes® are molded from an optical grade acrylic plastic for clarity and optimum light transmission. The Litepipe® tooling is highly polished providing a smooth, scratch-free surface to the finished Litepipe®. This produces an optimum surface for maximum light refraction and ultimate transmission. The lenses are molded from polycarbonate that is rated UL 94-V2.

© 2012 Visual Communications Company, Inc.