

LITEPIPE

EXTENDED LIGHT SOURCE

The LITEPIPE is an extruded clear acrylic tube 6 inches in diameter which houses the patented optical elements. The sealed tube is lined with a micro-thin clear prismatic film which produces a Total Internal Reflection, bouncing all available light evenly along the length of the pipe. Sheilding any section of the tube with a reflector intensifies the light diffused through the uncovered portions. The light may be colored by placing a filter between the luminaire and the tube. A reflective metallic disk endcap prevents any light from escaping out the end.

The LITEPIPE, being an extended light source, will substantially improve the conspicuity over point light sources in harbors and along rivers in populated areas with moderate to high background lighting. As LITEPIPE can be operated in any orientation, the conspicuity may be enhanced further by mounting obliquely to distinguish even more from background lighting. With the orientation flexibility, LITEPIPE can be arranged to give a particular aid to navigation in a problem area its own signature.

APPLICATIONS

- Bridge Pier Markers
- Center Channel Markers
- Range (Leading Light) Light Systems
- Locks – Side and Entry Markers
- Ferry Slip Entry Markers
- Canal Side and Entry Markers



GENERAL SPECIFICATIONS

- **Input Voltage:** DC-12 to 24
AC- 120-480
- **Lamp sizes:** DC-20 to 75 watt
AC 150-1000 watt
- **Tube Diameter:** 6" standard – 4", 8" and 14" also available
- **Tube Length:** 5 to 40 ft and up to 80ft with a luminaire at each end
- **Degrees of Emitting Sector:** 90, 180 or 270 are standard. Other sectors available as specials
- **Color Filters:** Available in red, green or yellow. Intensity is reduced by 30-70% depending upon color and color saturation.

