

# 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. Shielding 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

Form No.:100611B



### 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.

