

LED LITEPIPE®-IV EXTENDED LIGHT SOURCE

The LED LITEPIPE® IV is an extruded clear acrylic tube, 6" in diameter, which houses the LED light source and patented optical elements. The sealed tube is lined with micro-thin clear prismatic films, which produce total internal reflection, bouncing all available light evenly around the tube.

The LITEPIPE®, being an extended light source, will substantially improve the conspicuity over point 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 and 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 – 24V AC – 120/240, single phase
Power Consumption	: 27 watts per meter to LEDs DC – 34 watts per meter from battery. AC – 45 watts per meter from AC source
Tube Length	: 6 meter maximum with 300 mm increments.
Emitting Sector	: 90°, 180°, or 270°
Color Available	: White , Red, Green, Yellow, Blue
Access	: The LED rail can be removed and replaced from the top of the LITEPIPE®

Form N° 092209B

LED INTENSITY (180° Emitting)

Red	: 90 candela per meter
Green	: 90 candela per meter
Yellow	: 45 candela per meter
White	: 100 candela per meter
Blue	: 45 candela per meter

LEDs have a life of 50,000 hours before light degradation of 20% (80% of light intensity remains) at this power level.

