

LITEPIPE-II LED Illumination System



Parameters	LITEPIPE-II LED Illumination System				
	Red	Amber	Blue	Green	White
Luminance (fL)	100	25	20	75	60
Color λ)	615	590	470	525	White
Projected Life (Hours)	>50k		>20k		>10K
Power (Watts/Segment)	3 watts per meter (fixed burning)				
Drive (VDC)	12 or 24				
Tube Diameter (mm)	65				
Tube Lengths (mm)	300, 600, 1200 & 2400				

The LITEPIPE-II is a revolutionary and powerful LED Linear Lighting System designed and produced with patented non-Imaging optics that offer a state of the art solution for marking marine obstructions, outline bridges and helidecks and other aids to navigation applications. The LITEPIPE-II is a perfect alternative to conventional neon, fluorescent, or other extended light sources. It consumes a fraction of the energy of competing lighting systems, has a long projected life, low maintenance, and has the advantage of operating at low voltages with no radio frequency interference. It is suitable for remote locations where solar power or primary batteries may be the only power source available. Control electronics include a photocell function. They also provide the ability to flash the LITEPIPE-II to enhance signaling performance and to save power.

The LITEPIPE-II LED engines consist of high flux LED's that are molded into a patented non-imaging optics system. The LED engines produces a nearly uniform output when mounted inside a UV stabilized durable polycarbonate tube. The standard tube is 65 mm in diameter with varying lengths for maximum design flexibility. Various mounting brackets for flat surface or handrail installations are available. The LITEPIPE-II is suitable for extended exposure in the marine environment.

