

FA-250LED HT High Temperature LED Light



The FA-250LED HT is designed withstand high temperature associated with flare stacks, chimneys, blast furnaces, etc. The lantern enclosure is comprised of a cast base of LM-6 marine grade aluminum, an upper section with a tempered glass globe cemented into a support ring and a tapered spigot joint. The Ingress Protection rating is IP-67. Metric or NPT cable entries are standard.

Designed to be placed in remote location the lantern incorporates very long lived LED's to minimize schedule maintenance. The FA-250LED HT features high flux LED arrays mounted on a stainless steel, parabolic reflector. The highly efficient reflector uses a state of the art dichroic hybrid spectral metal coating. The LED's are mounted on metal core PCBs with **patented** integrated heat pipes to cool the LED arrays **without a cooling fan**. This highly efficient, passive, cooling system gives the LED array the highest design life in the marketplace (greater than 15,000 hour).

The LED electronic controller, housed in the base of the cast aluminum lantern enclosure provides current limiting to the LED. Flash control, monitoring output, photocell input and a synchronization terminal are provided by an external controller. The controller has a nominal input 110 VAC. 220-240 VAC 50-60Hz , 12 or 24 Volts DC are also available as an option.



VARIATIONS OF LANTERN.

FA-250LED HT-15 mile: 250 Watt LED Array providing Flashing 15-mile White Light .

FA-250LED HT-10 mile: 40 Watt LED Array providing Flashing 10-mile White Light.

FA-250LED HT-3 mile: 5 Watt LED Array providing Flashing 3-mile Red Light.

FA-LED HT L-864: 65 Watt LED Array providing Flashing or Fixed Medium Intensity Aviation Obstruction Light conforming to FAA L-864.

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