



## FA-250 LED LR 3-MILE, 5-MILE, 10-MILE, 15-MILE CLASS 1 DIV 2 LANTERNS

The FA-250 LED LR is highly efficient optic, designed to meet the requirements of offshore oil platforms for 3, 5, 10, engineered or 15 NM applications.

### Features

- USCG and FM Approved Certifications
- Selectable Power Level Settings
- Multiple Pre-programmed Flash Rhythms plus 1 for User Programming
- Linear arrays of very high flux LED's individually mounted in a parabolic reflectors
- LED's mounted on specially designed patented heat sinks to keep the temperature of the LED below 50°C to assure the design life of 60,000 hours
- Controller provides flash control, current limiting to the LED, photocell input and synchronization terminal
- Approved by the U. S. Coast Guard for Gulf of Mexico use on Class A structures in the 8th Coast Guard District at 4 watts at Quick Flash. Lantern has 10 NM range at Morse code "U" at minimum of 20 watts.



### Variations of Lantern

- FA-250 15 mile: 300 Watt LED Array providing Flashing 15-mile Morse U White Light. Average power 50 watts.
- FA-250 10 mile: 20 Watt LED Array providing Flashing 10-mile Morse U White Light. Average Power 3.33 watts.
- FA250 5 mile: 4.0 Watt LED Array providing Flashing 5-mile Quick Flash. Average power 1.0 watts.
- FA-250 3 mile: 4.0 Watt LED Array providing Flashing 3-mile Morse U Red Light. Average Power 1.0 watts.

## SPECIFICATIONS

<b>Height:</b>	691 mm (27.19")
<b>Weight:</b>	14 kg (30 lbs.)
<b>Input Voltage:</b>	12 or 24 VDC, Dependent on Model
<b>Power Consumption:</b>	Variable Up To 300 Watts
<b>Available Colors:</b>	White, Red, Green, Amber
<b>Quiescent Current:</b>	0.01A per AM-11 PCB; 0.005A per AM-6 or AM-8 PCB
<b>Lens Type:</b>	250mm Precision-Molded, Clear, Acrylic Cover
<b>Visibility:</b>	360° Omnidirectional
<b>Vertical Divergence:</b>	3°
<b>Monitor and Control:</b>	Optional
<b>Synchronization:</b>	Hardwired (Optional)
<b>Lantern Housing:</b>	Cast Aluminum Base and Frame; Stainless Steel Fittings
<b>Operating Temperature:</b>	-20°C to (See Certificate Information Below)
<b>Ingress Rating:</b>	IP-56
<b>Certificates:</b>	<b>FM Approved</b>

### 3 and 5 Mile

NI/I/2/ABCD/T4 Ta <+48.5°C/T4 Ta <+63.5°C  
 NI/I/2/IIC/T4 Ta < +48.5°C/ T4 Ta <+63.5°C

### 10 Mile

NI/I/2/ABCD/T5 Ta <+49°C/T4A Ta <+68°C  
 NI/I/2/IIC/T5 Ta < +49°C/ T4 Ta <+68°C

### 15 Mile

NI/I/2/ABCD/T5 Ta <+43°C/T4A Ta <+63°C  
 NI/I/2/IIC/T5 Ta < +43°C/ T4 Ta <+63°C

\*Specifications subject to change without notice.

