



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.

**CORPORATE HEADQUARTERS
& MANUFACTURING
OPERATIONS**
Houston, TX
Phone: +1-713-228-5208
Fax: +1-713-228-3717
sales@automaticpower.com

U.S. LOCATIONS

PMAPI GULF OF MEXICO
Gray, LA
Rene "Boogie" LeBlanc
Phone: +1-985-223-8700
Fax: +1-985-223-8710
rleblanc@automaticpower.com

PMAPI WEST COAST
Novato, CA
Pete Dolan
Phone: +1-415-382-6296
Fax: +1-415-382-6299
pdolan@automaticpower.com

INTERNATIONAL LOCATIONS

AB PHAROS MARINE PTE LTD
Singapore
Phone: +65-6747-9325
Fax: +65-6746-0478
sales@pharos-api.com

**PHAROS MARINE LTD
MANUFACTURING OPERATIONS**
London, UK
Phone: +44-20-8538 1100
Fax: +44-20-8577 4170
sales@pharosmarine.com

**SIMS SYSTEMS LTD
MANUFACTURING OPERATIONS**
Great Yarmouth, UK
Phone: +44-1493 659271
Fax: +44-1493 601882
info@simssystems.com

www.automaticpower.com



SPECIFICATIONS

Height:	691 mm (27.19")
Weight:	14 kg (30 lbs.)
Input Voltage:	12 or 24 VDC, Dependent on Model
Power Consumption:	Variable Up To 300 Watts
Available Colors:	White, Red, Green, Amber
Quiescent Current:	0.01A per AM-11 PCB; 0.005A per AM-6 or AM-8 PCB
Lens Type:	250mm Precision-Molded, Clear, Acrylic Cover
Visibility:	360° Omnidirectional
Vertical Divergence:	3°
Monitor and Control:	Optional
Synchronization:	Hardwired (Optional)
Lantern Housing:	Cast Aluminum Base and Frame; Stainless Steel Fittings
Operating Temperature:	-20°C to (See Certificate Information Below)
Ingress Rating:	IP-56
Certificates:	FM Approved 3 and 5 Mile NI/I/2/ABCD/T4A 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.

