



BLF-59 LIGHTED FOAM BUOY

The BLF-59 buoy is designed and constructed for semi-exposed locations, shallow water, and for river applications.

Related/Optional Equipment

Lanterns:	FA-249 LED Lantern WOA (Wide Open Angle) Lantern Self-Contained Lantern Flickering Lantern
Horn:	LIEX 710/051
Radar Beacon:	Phalcon-2000
Weather Report:	WX-Pro with AIS
Monitoring Systems:	AIS - Atonis System GSM Cell Phone Monitoring System DGPS – Differential GPS Positioning System
Synchronization:	Uniflash III Wireless
Top Mark (Optional):	Mounted Duplex Lantern Stand
Solar Power System:	Various Outputs - Dual & Triple Winged Available
Solar Batteries:	12V 115 AH Maintenance-free, Sealed, Deep Cycle, Lead Acid
Solar Battery Box:	Mounted Externally on Bell Stand
Battery Box Capacity:	(2) 12V 115AH Batteries
Mooring Bridle:	None
Mooring Chain:	19mm (¾")
Sinker:	1,360 kg (2,998 lbs.)



Features

- Buoy hull is constructed of Softlite® color-impregnated, ionomer foam; this material has been used in buoy and fender applications for over 15 years and complies with U. S. Coast Guard specification 450C
- Buoy hull has a densified outer surface for abrasion resistance
- Buoy strength members are steel
- Interchangeable aluminum can-shaped and nun-shaped radar reflectors provide lateral significance in accordance with IALA standards
- Buoys are constructed as 4 modules (light/solar panel stand, tower, hull, and counterweight) which can be transported by a small truck and assembled in the field
- An external battery box and solar power system is provided with the buoy
- Manufactured to U. S. Coast Guard Specification 450C and Drawings 121148 and 121100

SPECIFICATIONS

**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@sims-systems.com

www.automaticpower.com

Physical Characteristics (No Mooring)

Buoy Weight:	645 kg (1,422 lbs.)
Buoy Draft:	685 mm (2' 3")
Focal Height of Light:	2,250 mm (7' 4")
Freeboard:	400 mm (1' 3")
Minimum Freeboard:	225 mm (8 7/8")
Immersion:	21kg/cm

Operational Characteristics (Nominal)

Daymark Visual Range:	1.4 NM
Radar Range:	1.7 NM
Mooring Depth (Min.):	2.5 m (8' 2 1/2")
Mooring Depth (Max. w/ Chain):	30 m (98' 5")

*Specifications subject to change without notice.

