



BL-826 BUOY

The BL-826 is a standard U. S. Coast Guard steel buoy designed for rivers, estuaries, and heavy duty exposed open seas. A tail tube design, the BL-826 maximizes the focal height and visual range of the light relative to the diameter of the buoy. It is designed to translate wave action into vertical movements and to minimize rocking motions of the buoy.

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:	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:	32 mm x 4500 mm (1 1/4" X 177")
Mooring Chain:	32 mm (1 1/4")
Sinker:	3800 kg (8378 lbs.)



Features

- Standard buoy has 2 lifting eyes and 2 mooring eyes
- Tower may be removed for shipping
- Tower design incorporates safety ring and hand holds
- Standard buoy conforms with U. S. Coast Guard Specification GECV 350 and Drawings G-ECV 107324
- Foaming of the buoy hull is optional
- Optional antifouling paint for under water portion
- Customizable Systems - lanterns, power systems, and other equipment (See Related/Optional Equipment Table)

SPECIFICATIONS

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Physical Characteristics (No Moorings)

Buoy Weight:	5,400 kg (11,905 lbs.)
Buoy Draft:	3,150 mm (10' 4")
Focal Height of Light:	4,850 mm (15' 11")
Buoy Diameter:	2,450 mm (8' 0")
Buoy Length Over All:	8000 mm (26' 3 1/4")
Buoy Hull:	8 mm (5/16") Steel
Freeboard:	940 mm (3' 1")
Minimum Freeboard:	380 mm (1' 3")
Counterweight:	Cast Iron
Kg/mm Immersion:	4.7
Paint System:	2 Coats Zinc Rich, Epoxy Primer; 2 Colored Top Coats, Antifouling, Underwater Area

Operational Characteristics (Nominal)

Daymark Visual Range:	3.2 NM
Passive Radar Reflector Range:	3.7 NM
Racon Radar Range:	6.0 NM
Mooring Depth (Min.):	11 m (36' 0")
Mooring Depth (Max. w/ Chain):	75 m (246' 0")

*Specifications subject to change without notice.

