



CLASS C SINGLE LIFT ASSEMBLY

The Pharos Marine Automatic Power Class "C" single lift assembly Aids to Navigation package is a rugged compact unit designed for applications requiring a single lantern without a fog signal. It meets or exceeds U.S. Coast Guard requirements for Class "C" Aids to Navigation as specified in 33CFR sub-part 67. This aluminum self contained unit contains a solar power system with battery and battery box. The solar array can be positioned in the field to assure it faces due south.

Features

- FA-249LED lantern with 155 mm clear, red, green, yellow, or blue acrylic lens
- 15+1 special programmable position (AM-8 LED Flasher/Controller Unit)
- 255+1 special programmable position (AM-6 LED Flasher/Controller Unit)
- Extremely high flux LEDs mounted on a STABRITE LED array system, driven by specially designed electronics
- LED array available in 1X6, 1X4, 1x8, 3X4 configurations
- Life expectancy in excess of 60,000 hours
- Optional Uniflash®-series GPS wireless synchronizing system, terminal strips, etc.
- Software programmable: photocell, low voltage disconnect, special flash rhythm, specialized current settings and solar charge control voltage setting



- Ability to accommodate an external photocell
- Optional remote monitoring
- High-efficiency TracSwitcher current controls; 82% of the battery current reaches the LED array on flash; 6 mA idle current between flashes
- Optional 365 day timer (AM-6)

SPECIFICATIONS

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Height:	1,841.5 mm (72 ½")
Weight:	
Galvanized Steel:	69 kg (153 lbs.)
Aluminum:	54 kg (120 lbs.)
Solar Array:	Site Determined
Battery:	30 Day Capacity for Lantern
Power Consumption:	Maximum Average Power of 5.5W
Visibility:	1-3 NM
Vertical Divergence:	Varies by Configuration
Monitor and Control:	Optional
Synchronization:	Uniflash®-Series GPS Synchronizing (Optional)
Lantern Housing:	Molded Lexan® Lens Ring and Base
Operating Temperature:	-20°C to + 55°C
Ingress Rating:	IP-56
Certificates:	Lantern FM Approved NI/I/2/DC/T6 Ta = 55°C/T5 Ta = 70°C/T4A Ta = 85°C NI/I/2/IIC/T6 Ta = 55°C/T5 Ta = 70°C/T4 Ta = 85°C

*Specifications subject to change without notice.

