

Nova-65 SC

Self-contained Marine Lantern

The Nova-65 SC features unique and proprietary optics which provide a 360° beam at 5°, 10°, 20° or 30° vertical divergence. Utilizing a highly efficient compact lens, the Nova-65 SC is engineered to utilize the advanced and cost-effective technology of LEDs. Solar modules and high-grade batteries are housed in a compact self-contained marine lantern, designed for low maintenance with a projected service life of 10 years before any significant maintenance is needed. The 5° and 10° divergence lenses are ideal for fixed or floating aids to navigation while the 20° or 30° lens provides exceptional performance on buoys. The 5° lens can be used to meet specific needs that require a much longer range while still using a minimal amount of power.



CHARACTERISTICS

- User selectable power setting for visual range
- Photovoltaic system sized for demanding locations
- SignalView software to program user options
- Temperature compensated LED drive circuits ensure uniform brightness with ambient temperature change
- Availability in all IALA approved colors
- Constant current power source for maximum LED lifetime
- Optional GPS synchronization module
- Optional GSM and Satellite monitoring
- Optional AIS AtoN module for message 21 and monitoring via message 6
- 256 user selectable flash characters
- Full monitor and control capability
- Optional 5°, 10°, 20° or 30° lens



Nova-65 SC

Self-contained Marine Lantern

Attribute	Details
Input Voltage	12VDC
Power Consumption	Variable up to 5W
Power Consumption	Field Selectable
Colors Available Power Setting	Red, green, yellow, white and blue
Quiescent Current	Light only < 2 mA; with internal GPS < 3 mA
Visibility	360° horizon (omnidirectional)
Vertical Divergence	5°, 10°, 20° or 30° degrees at 50%; ± 1 degree
Monitor and Control	Capable
Flash Codes	Up to 256 codes, field selectable or via communication link
Synchronization	GPS or hardwire options
Sunswitch Threshold	Adjustable
Operation Temperature	-40° C to +70° C
Weight	20kg (44lbs)
Size	L 578mm (23in) x W 410mm (16in) x H 549mm (22in) plus an additional 75mm (3in) each for the two handles
Relative Humidity	100% condensing
Atmosphere	Rated for continuous operation in a salty air
Wind	Designed to withstand speeds in excess of 300kmph (180mph)
Solar Panels	4 Panels, each at 12 Volts 5.5W Nominal
Battery Capacity	38 or 45 Amp-hour
Battery Type	Sealed Lead Acid
Construction	Rotationally molded polyethylene
Mounting	4 mounting 18mm (0.7in) holes on a 465mm (18in) diameter bolt hole circle
Base	Removable base
NOTE: Specifications are subject to change.	

Nova-65 SC

Self-contained Marine Lantern

