

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

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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.	

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