Low maintenance. High efficiency.

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.

A few benefits of the Nova-65 include:

- User selectable power setting for visual range
- A constant current power source provides maximum lifetime of LEDs
- Temperature compensated LED drive circuits ensure uniform brightness with ambient temperature change
Technical Details

Input Voltage 12VDC
Power Consumption Variable up to 5W
Field Selectable
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 hardware options
Sunswitch Threshold Adjustable
Operation Temperature -40°C to +70°C
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 moulded polyethylene

Physical Details

Base Removable base
Mounting 4 mounting 18mm (0.7in) holes on a 465mm (18in) diameter bolt hole
Size L 578mm (23in) x W 410mm (16in) x H 549mm (22in) plus an additional 75mm (3in) each for the two handles
Weight 20kg (44lbs)
Colors Available Red, green, yellow, white and blue

Specifications subject to change.