

NOVA-250

LONG RANGE MARINE SIGNAL LANTERN

NOVA-250 features unique proprietary optics engineered to project a 360°, horizontal, high-intensity, long range beam, in excess of 15NM at 115W of power and over 18NM for NOVA-250-3 at a transmissivity factor of 0.74.

An efficient and compact lens provides a vertical divergence of 2.4 degrees making it the industry choice for a broad range of applications including offshore structures, land-based installations and lighthouse upgrades.

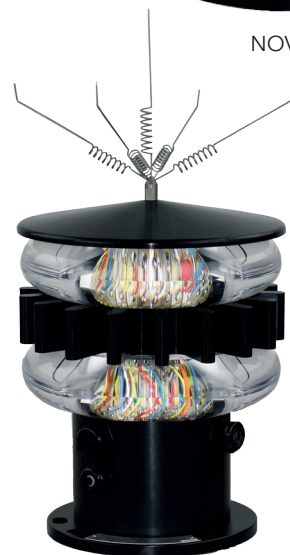
Constructed of rugged, corrosion-resistant marine aluminum, NOVA-250 is able to withstand the most severe environments, including icing regions at extreme latitudes. A combination of high efficiency optics, power conditioning circuitry and high intensity LEDs makes NOVA-250 ideal for solar power installations.

Characteristics

- User selectable intensity settings
- User selectable flash characters
- Full monitor and control capable
- Multiple channel power supplies assure light operations are sustained in the event of failure of one channel
- A constant current power source provides maximum lifetime of LEDs
- SignalView™ program for easy setting of options



NOVA-250



NOVA-250-2



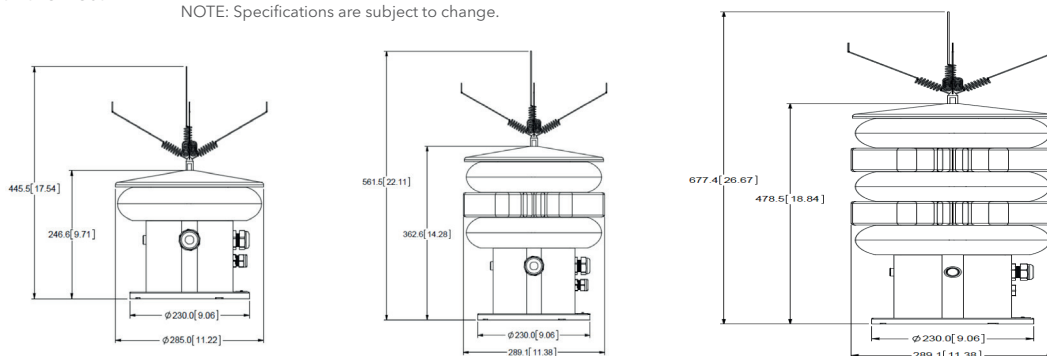
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Technical Details

Input Voltage	9 to 36VDC	
NOVA-250	>15NM	
NOVA-250-2	>18NM	
Maximum rated power at 50% duty cycle		
White (1 Tier)	Variable up to 115W	
White (3 Tier)	Variable up to 390W	
Red (2 Tier)	Variable up to 135W	
Green (2 Tier)	Variable up to 146W	
Quiescent Current		
Light Only	< 4 mA	
with GPS (avg)	< 5 mA	
Colours available	White, red, green, and yellow	
Lens Type	Aspheric toroidal acrylic	
Visibility	360° horizon (omnidirectional)	
Lens Diameter	243mm	
Vertical Divergence	2.4°	
Monitor and Control	Capable	
Lantern Housing	Marine grade aluminium	
Height		
1 Tier	12kg (27lbs)	445mm (17.5in)
2 Tier	22.3kg (49lbs)	561mm (22.1in)
3 Tier	32.5kg (72lbs)	677mm (26.7in)
Base Plate diameter	230mm (9.1in)	
Operating temperature	-40° C to +60° C	
Relative Humidity	100% condensing	
Wind	Designed to withstand speeds in excess of 320kmph (200 mph)	
IP Rating	IP67	
Shock	75G	
Vibration	10 to 2000Hz on 3-axis	
ESD	4kV/8kV	
Radiated Emissions	30MHz to 1GHz	
Radiated Immunity	80MHz - 1GHz, 3V/m	
Radiated Immunity	2GHz - 2.7GHz, 1V/m	

From 11 to 18NM Range with the Best Possible Efficiency

NOTE: Specifications are subject to change.



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