



NOVA-250

LONG RANGE MARINE SIGNAL LANTERN



Unique Proprietary Optics

Designed to project a 360°, high-intensity, long range beam with an efficient and compact lens in excess of 18NM, the NOVA-250 is the industry choice for offshore, land based and lighthouse installations. Its rugged construction with corrosion-resistant marine aluminum, ensures it is able to withstand the most severe environments. A combination of high efficiency optics, power conditioning circuitry and high intensity LEDs make the **NOVA-250 ideal for solar power installations.**

A few characteristics of the NOVA-250 include:



Multiple channel power supplies assure light operations are sustained in the event of one channel failure



User selectable intensity settings and flash characters



Full monitor and control capabilities



SignalView™ program for easy option settings

NOVA-250 LONG RANGE SIGNAL LANTERN



NOVA-250-2



NOVA-250

Technical Details		
Input Voltage	9 to 36 VDC	
NOVA-250	White (1 Tier)	>15NM
NOVA-250-2	White (2 Tier)	>17.5NM
NOVA-250-3	White (3 Tier)	>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 torodial acrylic	
Visibility	360 ° horizon (omnidirectional)	
Lens Diameter	243mm	
Vertical Divergence	2.4 °	
Monitor and Control	Capable	
Lantern Housing	Marine grade aluminum	
Height	1 Tier	12 kg (27 lbs) 445 mm (17.5 in)
	2 Tier	22.3 kg (49 lbs) 561 mm (22.1 in)
	3 Tier	32.5 kg (72 lbs) 677 mm (26.7 in)
Base Plate Diameter	230 mm (9.1 in)	
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	

Note: Specifications are subject to change



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