

# Nova-65 HI

## LED Marine Lantern

The Nova-65HI features unique and proprietary optics, developed in 2012 from the original Nova-65 lanterns, which provide a 360° beam at 3° vertical divergence. Utilizing a highly efficient compact lens, the Nova-65 HI is a one of a kind, small, lightweight marine beacon. The 3° divergence lens is ideal for fixed or stable floating aids to navigation requiring a much longer range, up to 10NM @ T=0.74, while still using a minimal amount of power. Two options of housing are available for general marine use (GMU) and for NEC Class 1 Division 2: polycarbonate and a ruggedized metal version. Both housing options are designed to withstand the harsh marine environment including: ice buildup in extremes of latitude and the high temperatures experienced along the equatorial plane. IP-66 and IP-68 make Nova-65I the choice of professionals.



### CHARACTERISTICS

- User selectable power and flash code settings for multiple visual range performance
- Full monitor and control capability
- SignalView™ program to set user options
- Approved by USCG for class A, B and C offshore structures
- A constant current power source provides maximum lifetime of LEDs
- Temperature compensated LED drive circuits ensure uniform brightness with ambient temperature change
- Hard Wire Synchronization
- Proven Long Term Reliability

### OPTIONS

- GPS Synchronization

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Attribute	Details
Input Voltage – General Marine Use (GMU)	9 to 36VDC
Input Voltage – Hazardous Area	9.5 to 32VDC
Power Consumption – Nova-65	Variable up to 10W
Power Setting	Field selectable
Colors Available	White
Operating Temperature for GMU & NEC Class 1 Division 2	-40° C to +70° C
Storage Temperature	-40° C to +70° C
Vertical Divergences – GMU & NEC Class 1 Division 2	3° degrees, white
Quiescent Current – Light Only	<2mA
Quiescent Current – With GPS	<3mA
Flash Codes	Up to 256 codes, field selectable or via communication links
Synchronization – GMU & NEC Class 1 Division 2	GPS or hard wire options
Monitor and Control	Capable
Visibility	360° horizon (omnidirectional)
Sunswitch Threshold	Adjustable
Physical Measurements Base Mounting Height Weight	230mm (9.1in) maximum diameter 195mm (7.7in) Polycarbonate 1.8kg (4.0lbs) Aluminum 3.0kg (6.6lbs)
IP-Rating – GMU & NEC Class 1 Division 2	IP66 / IP 68
NOTE: Specifications are subject to change.	

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