

Nova-65

Led marine lantern

The Nova-65 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 is a one of a kind, small, lightweight marine beacon. The 10° divergence lens is ideal for fixed or floating aids to navigation while the 20° and 30° lenses provide exceptional performance on buoys. The 5° lens can be used to meet specific needs that require a much further range 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. For ATEX/IECEX (Category 3), housing is available in ruggedized metal only and with a 10° lens. 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-65 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
- Intensity exceeds candle power requirements by 33CFR 118.60

OPTIONS

- GPS Synchronization
- 5°, 10°, 20° or 30° vertical divergence lens

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Attribute	Details
Input Voltage – General Marine Use (GMU)	9 to 36VDC, 85-264VAC (AC version)
Input Voltage – Hazardous Area	9.5 to 32VDC
Power Consumption – Nova-65	Variable up to 10W (2W for EX version)
Power Setting	Field selectable
Colors Available	Red, green, yellow, white, blue
Operating Temperature for GMU & NEC Class 1 Division 2	-40° C to +70° C
Operating Temperature for ATEX/IECEX (Category 3)	-40° C to +60° C
Storage Temperature	-40° C to +70° C
Vertical Divergences – GMU & NEC Class 1 Division 2	5°, 10°, 20° and 30° degrees, all colors
Vertical Divergence – ATEX/IECEX (Category 3)	10° degrees, all colors
Quiescent Current – Light Only	<2mA
Quiescent Current – With GPS	<3mA
Flash Codes	Up to 256 codes, field selectable
Synchronization – GMU & NEC Class 1 Division 2	GPS (plastic version) or hard wire options
Synchronization – ATEX/IECEX (Category 3)	Hard wire only
Monitor and Control	Capable
Visibility	360° horizon (omnidirectional)
Sunswitch Threshold	Adjustable
Physical Measurements Base Mounting Height Weight	230mm (9.1in) maximum diameter 171mm (6.7in) Polycarbonate 0.77kg (1.7lbs) Aluminum 1.97kg (4.3lbs)
IP-Rating – GMU & NEC Class 1 Division 2	IP66 / IP 68
IP-Rating – ATEX/IECEX (Category 3)	IP 66
NOTE: Specifications are subject to change.	

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