

MLED-180HI Ex

15Nm External powered marine lantern

MLED-180HI Ex brings the benefits of LED technology, low power, high reliability and low maintenance, to the Zone 1 environment. The flasher and optical source assembly designated MaxiHALO-180HI is designed after the proven MaxiHALO-150. The MaxiHALO-180HI Ex is installed in a rugged Ex-d well glass housing used in the rigors of offshore atmospheres. A Single MLED-180HI Ex is now able to achieve ranges of in excess of 15NM. Onboard software constantly monitors operation of the MLED-180HI Ex and initiates an alarm signal if critical operation parameters are exceeded.



CHARACTERISTICS

- User selectable power settings
- 256 user selectable flash characters
- Temperature compensated LED drive circuits ensure uniform brightness with changes in ambient temperature
- Full monitor and control capability
- Fail output terminal for go/no go monitoring
- Constant current power source maximises LED life

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Attribute	Details
Input Voltage	9-36v DC
Average Power Consumption	<40W
Quiescent Current	< 7mA
Visibility	360° horizon (omnidirectional)
Vertical Divergence	4.3°
Monitor and Control	Capable
Flash Codes	256 codes
Synchronization	Hardwire – Optional Onboard GPS
Sunswitch Threshold	Variable
Weight	15kg (33lb)
Operating Temperature	-35° C to +60° C
Relative Humidity	100% condensing
Atmosphere	Rated for operation in salt air
Wind	Designed to withstand speeds in excess of 320 km/h (200 mi/h)
IP Rating	IP66
Base	Polyurethane Painted Cast Aluminum
Outer Lens	Tempered Glass
Certification	INERIS 01 ATEX 0019X II2GD Ex db eb IIC T4 Gb -35 to +60°C IECEX INE 15.0031X
NOTE: Specifications are subject to change.	

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