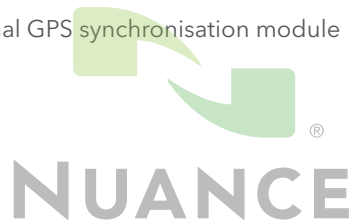# MLED-150Ex

10NM EXTERNAL POWERED MARINE LANTERN

MLED-150Ex 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-150, is designed after the proven MaxiHALO-60.

The MaxiHALO-150 is installed in a rugged Exd well glass housing used in the rigors of offshore atmospheres. The MLED-150Ex is compatible with current Tideland Signal lanterns and is configurable as a Secondary (Standby) light. When used in a main and secondary pair installation, the Secondary light monitors the Main light and, upon failure, automatically begins operation. Onboard software constantly monitors operation of the MLED-150Ex and initiates an alarm signal if critical operation parameters are exceeded. The MLED-150Ex produces an omnidirectional beam of 10NM visual range with T = 0.74 (16NM with T = 0.85).

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
- Optional GPS synchronisation module

NUANCE®

TIDELAND

a **xylem** brand

MLED-150Ex

Technical Details

Input Voltage	9 to 36VDC
Power Consumption	Variable up to 20W
Power Setting	Field Selectable
Colours Available	Red, green, yellow, white and blue
Quiescent Current	< 7mA
Visibility	360° horizon (omnidirectional)
Vertical Divergence	3.7°
Monitor and Control	Capable
Flash Codes	256 codes
Synchronisation	GPS or hard wire options
Sunswitch Threshold	Variable
Weight	15kg (33lb)
Operating Temperature	-40° C to +60° C
Relative Humidity	100% condensing
Atmosphere	Rated for operation in salt air
Wind	Designed to withstand speeds in excess of 320 kmph (200 mph)
IP Rating	IP66
Base	Cast Aluminium
Outer Lens	Tempered Glass

NOTE: Specifications are subject to change.

10NM External Powered
Marine Lantern

Bolt Pattern

xylem
Let's Solve Water

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