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
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