

# MLED-180HI Ex

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 Exd well glass housing used in the rigours of offshore atmospheres. When used in a bifurcated arrangement a range of in excess of 15NM is achieved. 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



  
**TIDELAND**  
a xylem brand

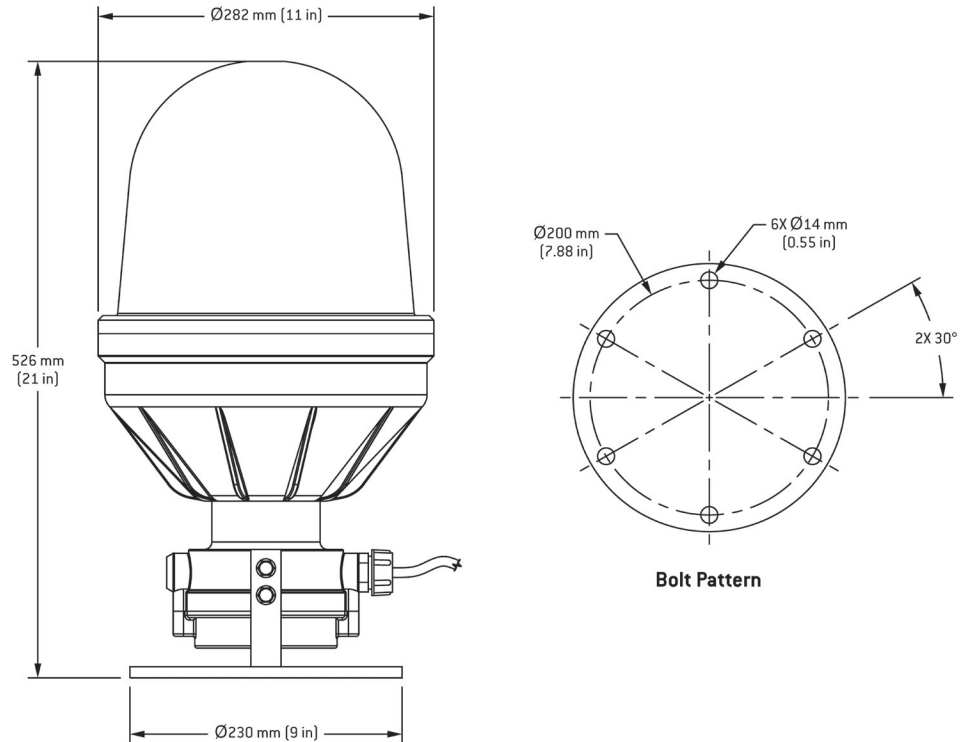
# MLED-180HI Ex

## Technical Details

<b>Input Voltage</b>	24VDC
<b>Average Power Consumption</b>	<40W
<b>Quiescent Current</b>	< 7mA
<b>Visibility</b>	360° horizon (omnidirectional)
<b>Monitor and Control</b>	Capable
<b>Flash Codes</b>	256 codes
<b>Synchronisation</b>	Hardwire
<b>Sunswitch Threshold</b>	Variable
<b>Weight</b>	15kg (33lb)
<b>Operating Temperature</b>	-40° C to +60° C
<b>Relative Humidity</b>	100% condensing
<b>Atmosphere</b>	Rated for operation in salt air
<b>Wind</b>	Designed to withstand speeds in excess of 320 kmph (200 mph)
<b>IP Rating</b>	IP66
<b>Base</b>	Cast Aluminium
<b>Outer Lens</b>	Tempered Glass

NOTE: Specifications are subject to change.

Meets the Stricts Requirements of the North Sea Platforms



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