



# MLED SERIES

## External-Powered Marine Lanterns

Tideland Signal (Tideland) has merged its patented and proven MaxLumina® lens technology with 21st century LED technology to provide low maintenance, low power consumption and long range, MLED-140, MLED-155 and MLED-300 navigational lanterns. The MLED-140 is ideal for use wherever a wide beam is required, such as in compensating for buoy roll. Visibility is improved in locations such as high bridges, where there are extreme differences in angle of observation at various ranges. The MLED-140 and MLED-155 are used to mark buoys, offshore structures, channels, bridges, barges and docks. Tideland Signal's hinged Fresnel lens incorporates 38 optical elements, maximising light transmission in the horizontal plane. The MLED-300 and MLED-155 are excellent for use on fixed offshore structures, achieving maximum visual range. MLED series provides trouble-free service in rigorous marine environments.

### FEATURES

- User selectable power settings for multiple visual range performance
- 256 user selectable flash characters
- Temperature compensated LED drive circuits ensure uniform brightness with ambient temperature change
- Full monitor and control capability
- SignalView program to set user options
- Available in all IALA approved colours
- A constant current power source provides maximum lifetime of LEDs
- Seasonal shutdown capability
- Hardwired synchronisation
- Optional GPS synchronisation

MLED-300



MaxiHALO-60 II Flasher



MLED-140/155

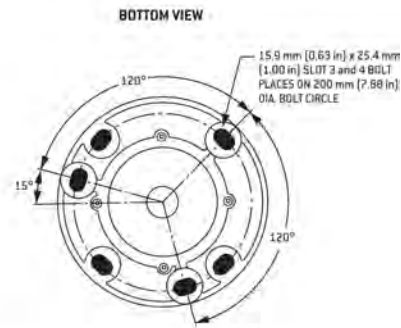
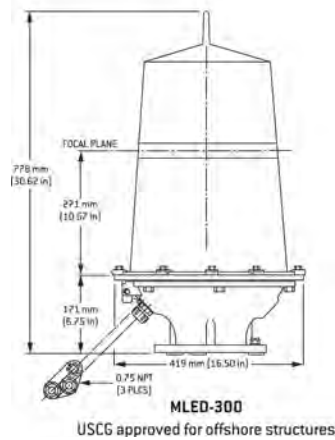
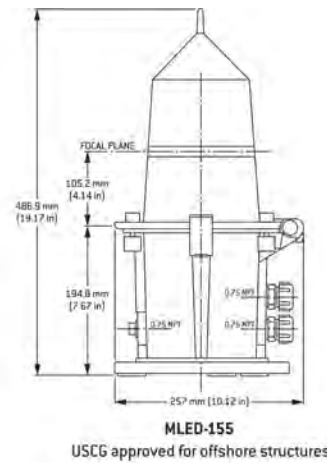
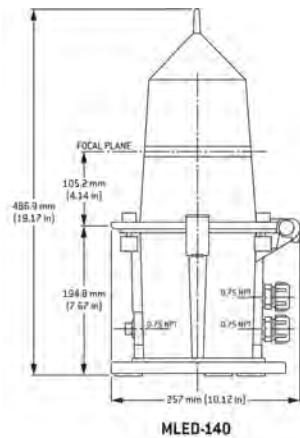


# SPECIFICATIONS

Available colours	red, green, yellow, white
Visibility	360° horizon (omnidirectional)
Operating Temperature	-40° C to +60° C
Voltage	9 to 36V DC
Power	Variable up to 7W (LP version) or 19W (EFF version)
Typical Vertical Divergence	
MLED-140	> 8°
MLED-155	> 5°
MLED-300	> 2°
Monitor and Control	capable
Flash Codes	up to 256 codes, field selectable
Synchronisation	optional GPS or hard wired
Weight	
MLED-140	3.2kg (7lb)
MLED-155	3.2kg (7lb)
MLED-300	9.1kg (20lb)

NOTE: Specifications are subject to change.

## MLED SERIES EXTERNAL-POWERED MARINE LANTERNS



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When installed in an ML-300/155/140, the lantern is rated UL Class 1, Division 2, Group D.



MLED Series is EN61000-6-4 approved



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