



# SolaMAX-65

CLASS 5 AND 7 SELF-CONTAINED LANTERN

## Revolutionary Optics. High Efficiency.

The SolaMAX-65 is a self-contained lantern capable of ranges up to 5NM in the standard version and up to 7NM in the extended version (SolaMAX-65-T). Its compact design makes it the ideal self-contained lantern for many applications including inland waterways, buoys and offshore platform marking to provide years of maintenance-free operation.

## A few benefits of the SolaMAX-65 include:



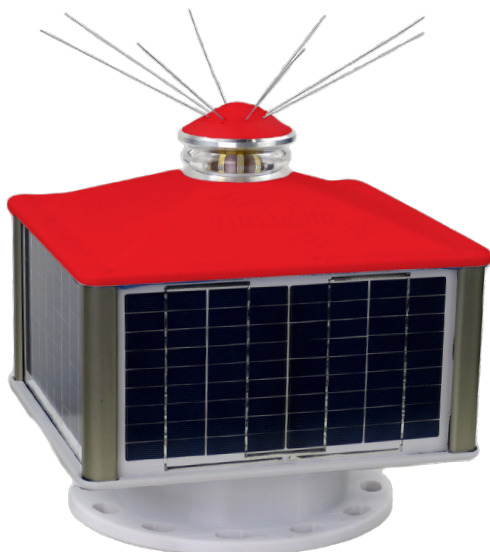
Revolutionary optics and high efficiency solar panels make the SolaMAX-65 exceptionally suitable for northern and southern latitudes and low solar radiation applications.



The built-in IR receiver allows for full customization of the power level, flash character, sunswitch setting and features a self test mode.

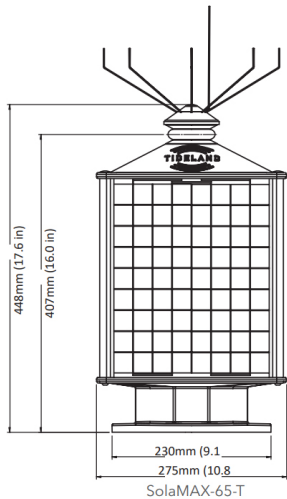
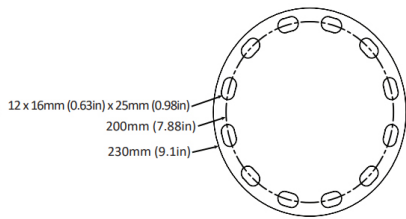
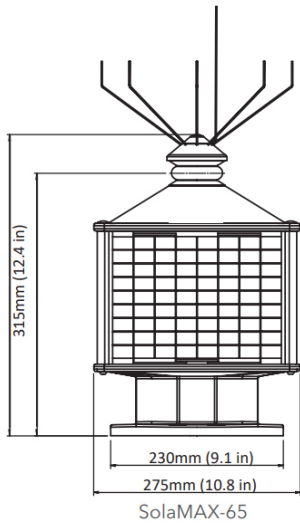


A convenient magnetic switch is used for switching off, storage/sleep mode or regular operation.



a xylem brand

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## Additional Characteristics:

- Options of battery capacity for demanding locations from 12Ah to 50Ah
- Optional GPS synchronisation module
- Available in all IALA approved colours
- 256 user selectable flash characters
- Constant current power source for maximum LED life
- Magnetic On/Off Switch for quick deployment, hassle free storage and battery maintenance check
- User selectable power, flash character and sunswitch settings via an optional IR controller
- Programming and self test option with IR controller
- Full monitor and control capability via options of GSM, Satellite or AIS
- Internal AIS option with no exterior VHF or GPS antennas
- Theft deterrent design

## Technical Details

<b>Voltage</b>	12VDC
<b>Visibility</b>	360° horizon (omnidirectional)
<b>Vertical Divergence</b>	5°, 10°, 20° or 30° degrees at 50%; ± 1 degree
<b>Control</b>	Via IR programmer
<b>Monitor</b>	Options of GSM, Satellite or AIS
<b>Flash Codes</b>	Up to 256 codes, field selectable or via communication link
<b>Synchronization</b>	GPS or hardwire options
<b>Battery Capacity - Standard</b>	12Ah or 18Ah Sealed Lead Acid
<b>Battery Capacity - "T" model</b>	"T" model 34Ah or 50Ah Sealed Lead Acid
<b>Battery Type</b>	Lead Acid
<b>Range</b>	>5NM (Solamax-65) >7NM (Solamaz-65 T) >10NM (Solamax-65 HI)

## Physical Details

<b>Solar Panels</b>	Standard 4 x 4.2W, "T" model 4 x 8.5W
<b>Size - Standard</b>	275mm (10.8in) wide x 315mm (12.4in) high
<b>Size - "T" model</b>	275mm (10.8in) wide x 448mm (17.6in) high
<b>Weight - Standard</b>	Standard with 12Ah 7.8kg (17.1lb), with 18Ah 9.5kg (20.9lb)
<b>Weight - "T" model</b>	"T" model with 30Ah 15.7kg (34.5lb), with 50Ah 20.2kg (44.5lb)
<b>Mounting</b>	12 x 16mm (0.63in) x 25mm (0.98in) slots on 200mm (7.87in)
<b>Operating Temperature</b>	- 40°C to +70°C
<b>IP Rating</b>	IP 66 and IP 68
<b>Options</b>	Colors: red, green, yellow, white (blue upon special request)

\*Specifications subject to change.

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