



# SolaMAX-3

## Class 3 - Self-Contained Lantern

The SolaMAX-3 is a “smart” self-contained lantern capable of ranges up to 3NM covering a variety of applications. Its lightweight and compact design makes it the ideal self-contained lantern for small marker buoys, docks, marinas and aquaculture sites and provides years of maintenance-free operation. Revolutionary optics and high efficiency solar panels make the SolaMAX-3 even more suitable for northern latitudes and low solar radiation applications.

The “smart” in built controller allows for full monitoring and control functions via an infrared controller. Historical data can also be downloaded onto a PC for archiving and report generation.

### FEATURES

- Options of battery capacity for demanding locations
- Optional GPS synchronisation module
- Available in all IALA approved colours
- 256 user selectable flash characters
- Constant current power source for maximum LED lifetime
- Magnetic On/Off Switch for quick deployment and hassle free storage maintenance check
- User selectable power and flash character settings via an optional IR controller
- Battery test and lantern health check via IR controller
- Features data collection and configuration via a 2-way Infrared port
- Full monitor and control capability
- Data storage & transfer to a PC via handheld controller

SolaMAX-3

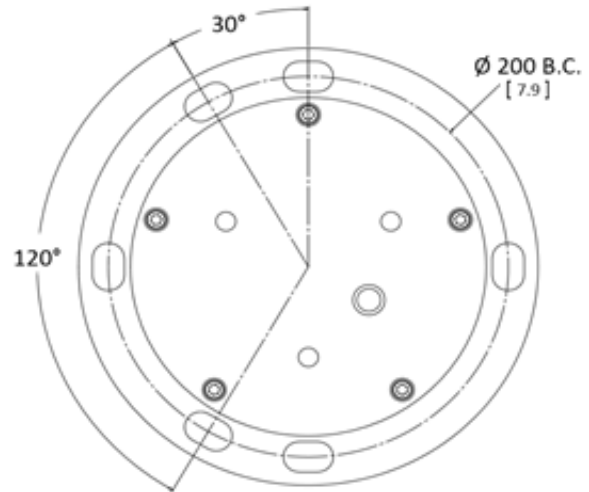
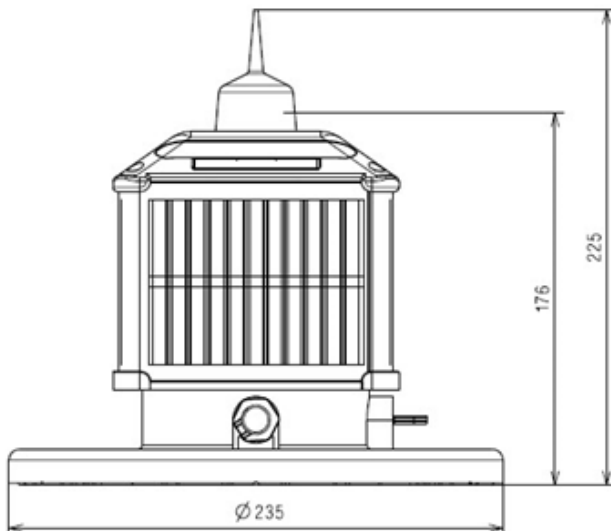


# SPECIFICATIONS

|                                   |  |
|-----------------------------------|--|
| Available Colours                 | red, green, yellow, white                |
| Visibility                        | 360° horizon (omnidirectional)           |
| Vertical Divergence               | > 8°                                     |
| Monitor and Control               | capable via handheld IR controller       |
| Data Reports                      | connect to PC via optional IR receiver   |
| Flash Codes                       | up to 256 codes, field selectable        |
| Synchronisation                   | optional GPS                             |
| Sunswitch Threshold               | 300 lux (100 – 2000 lux Adjustable)      |
| Operation Temperature             | -10° to +70°C                            |
| Battery Type                      | Lithium Ion (self-protection)            |
| Weight (varies by battery option) | 3kg max                                  |
| Height                            | 225mm (8.85in)                           |
| Solar Panels                      | scratch resistant                        |
| Battery Capacity                  | options of 13.2Ah, 26Ah and 34Ah         |
| Base Mounting                     | 3 or 4 bolts, 200mm (7.88in) bolt circle |
| IP Rating                         | IP 68                                    |
| Base and Main Housing             | UV resistant molded polycarbonate        |

NOTE: Specifications are subject to change.

## SolaMAX-3 3NM Self-Contained Lantern



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