

## VLB-5X-SA

LED lantern for buoys and minor beacons up to 5,5 NM range

VLB-5X-SA is a compact and durable lantern with an excellent performance. Thanks to the small size and low weight it is a good choice for light fixed structures and buoys.

Benefits include:

- Optical range – 5.5 NM
- Five colours meeting IALA chromaticity requirements
- Light intensity automatically adjusts with flash character setting (Schmidt-Clausen)
- 12 options for day to night transition light levels
- More than 256 flash characters
- Calendar control of beacon operation
- Alarm output (system notification)
- Available with GPS synchronization



## Optical Performance

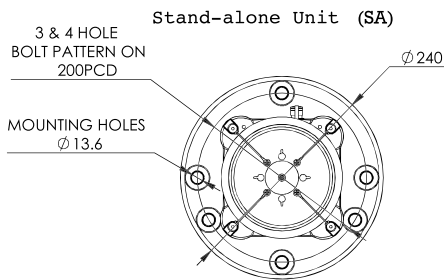
Maximum peak intensity				
7°	177cd	177cd	177cd	157cd

## Optical specification

Light source	High Power Light Emitting Diode (LED)
Vertical divergence	7 degrees @ 50% peak
Temperature control	LEDs monitored for constant intensity control and over temperature protection

## Main Technical Specification

Nominal Range	Up to 5.5 NM
Lens	Moulded acrylic (PMMA)
Base	Injection Moulded UV Stabilized Nylon 6/6 with 30% glass fill
Designed service life	10 years
Weight	1.0 kg
Flash character	256 standard characters plus custom character
Temperature range	-40° to +50°C
Voltage	12 VDC (9-18 VDC)
Solar charger	Integrated 2 amp * (no output cable supplied without order request)
Degree of protection	IP 68
Cable length	2 m / 6 m



## Order Overview VLB-5X-SA

### Product code

Code	Note
VLB-5X-c07-SA(-GS)	
c	Color (R, G, W, Y)

### Option matrix

DP-AL-SW	Dataport, alarm/monitor & wire synch factory option
GS	Internal GPS sync module as factory option