

## SCLO 200M

Self-contained LED light with  
14 NM Range

- Range up to 14 NM (Tc=0,74)  
22 NM (Tc=0,85)
- Standard IALA colours Red, Green, White and Yellow
- Light module of rugged aluminium housing and body of UV resistant polyethylene
- Light horizontally and vertically adjustable in the field
- Integrated flasher with day-light switch and solar charger
- Ventilated battery compartment
- Solar panels well protected with tempered glass in front
- Adjustable intensity and range
- Programmable with Sabik standard IR programming devices
- Light can be programmed and controlled up to 50 meter distance with a smart phone using Sabik Bluetooth Control
- Optionally integrated GPS synchronization
- Optionally integrated GSM/GPS remote monitoring





## Aluminium housing

The light enclosure is made from marine grade aluminium.



## Sun shield

Protects lens from dust and bird droppings



## PTFE

Vent for pressure release in the back of the lantern.



## Precision alignment

A gun sight can be used for precision alignment to the center line of the range.



## Light beam adjustment

The direction of the light beam can be adjusted with 3 bolts. The 3 axis adjustment system enables both vertical and horizontal alignment.



## Level indicator

The integrated level indicator makes horizontal levelling easy.



## Sabik Easy Programmer

User friendly and compact wireless two way programmer.



## Bluetooth® Control

Lantern can be programmed and controlled up to 50 meters distance with standard android and iOS mobile phones.



## Installation

The bottom plate supports installation on structure using 3xM10 Bolts on a 330mm radius.



## Solar Modules

Solar modules with tempered glass front well integrated with the PE-Housing.



## VRLA Battery

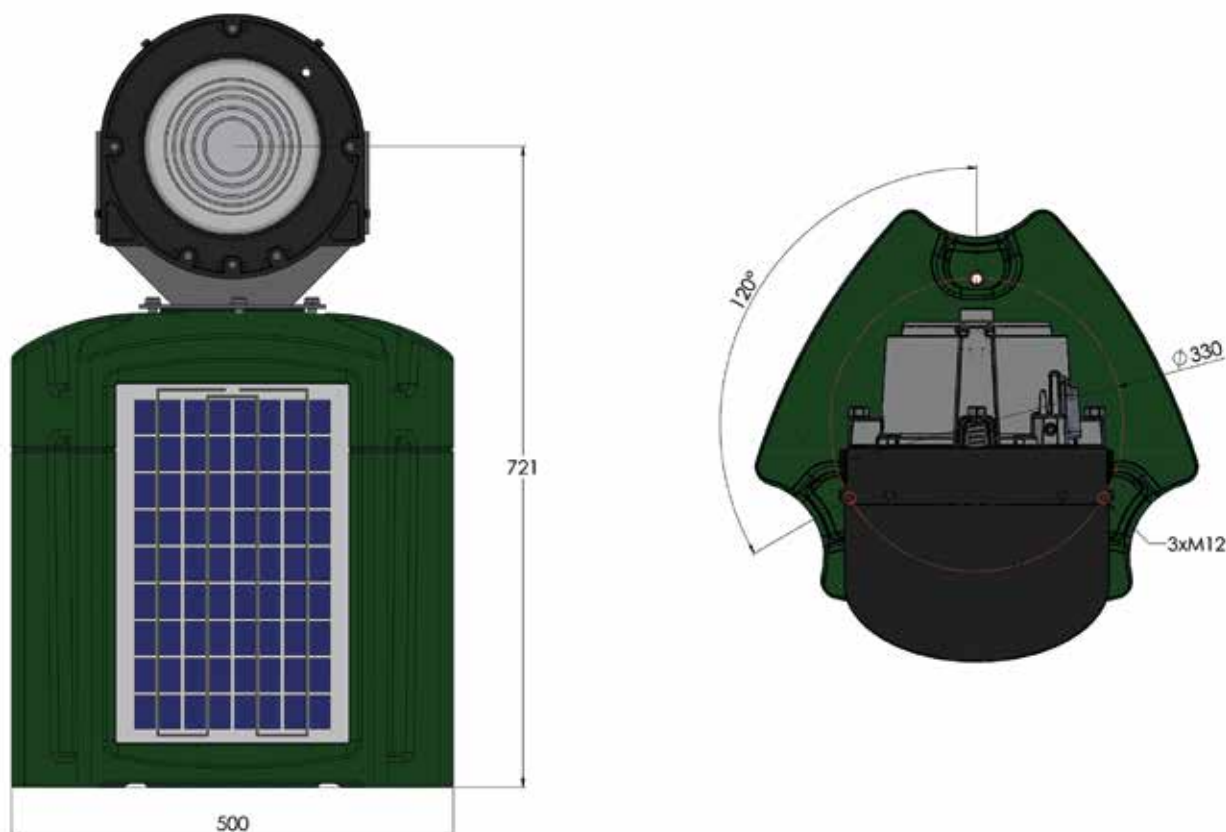
Maintenance free Lead acid battery with a designed life-time of 7 years.



## Auxiliary connector

Enables external charging or additional solar module.

## Technical Specification SCLO 200M



### Optical performance

#### Maximum fixed intensity

At full power	7000 cd	7000 cd	7000 cd	13000 cd
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### Main Technical Specification

	up to 3 Nautical miles	up to 4 Nautical miles
Lens visual/Mechanical diameter	203 W	
Lens material	UV stabilized Polycarbonate	
Light source	Light Emitting Diodes (LEDs)	
Vertical divergence	8° @ 50% (±1°) of peak intensity	
Unit lifetime	Up to 10 years	
Weight	39 kg	
Overall height	870 mm	
Overall width	500 mm dia	
Power consumption	4W at full intensity	
Light unit degree of protection	IP 66	
Solar Modules	3 x 11W	
Battery	VRLA GEL-Type, 60Ah/12V	
Installation	3 x M10 on 330 mm dia	

## Order Overview SCLO 200M

### Option matrix

<b>OPT 4: GPS sync</b>	Integrated LED performance measurement
<b>OPT 7: External GPS</b>	External GPS antenna for OPT 4 and OPT 9
<b>OPT 9: LightGuard GSM + GPS</b>	Integrated GSM based monitoring including GSM/GPS antennas
<b>OPT 10: LightGuard GSM</b>	Integrated GSM based monitoring including GSM antenna
<b>OPT 11: Control card</b>	Control card for secondary battery
<b>OPT 12: Aux card with I/O</b>	Aux card including I/O ports
<b>OPT 13: Aux card with RS485 and I/O</b>	Aux card including RS 485 and I/O port
<b>Shock &amp; Tilt Sensor</b>	Integrated 3-axis G sensor for tilt and shock sensing

### Product codes

Product	Colour
SCLO 200MW	white
SCLO 200MR	red
SCLO 200MG	green
SCLO 200MY	yellow

### Product code example: SCLO 200MR.7-9

- **SCLO 200MR** is Sabik code for SCLO 200M in red
- **7-9** is a selection of option 7 with external GPS antenna and option 9 with GSM/GPS monitoring