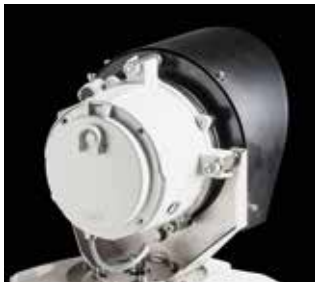


SCLO 200M

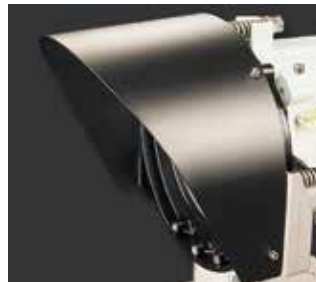
Self-contained LED light with
14 NM Range

- 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.

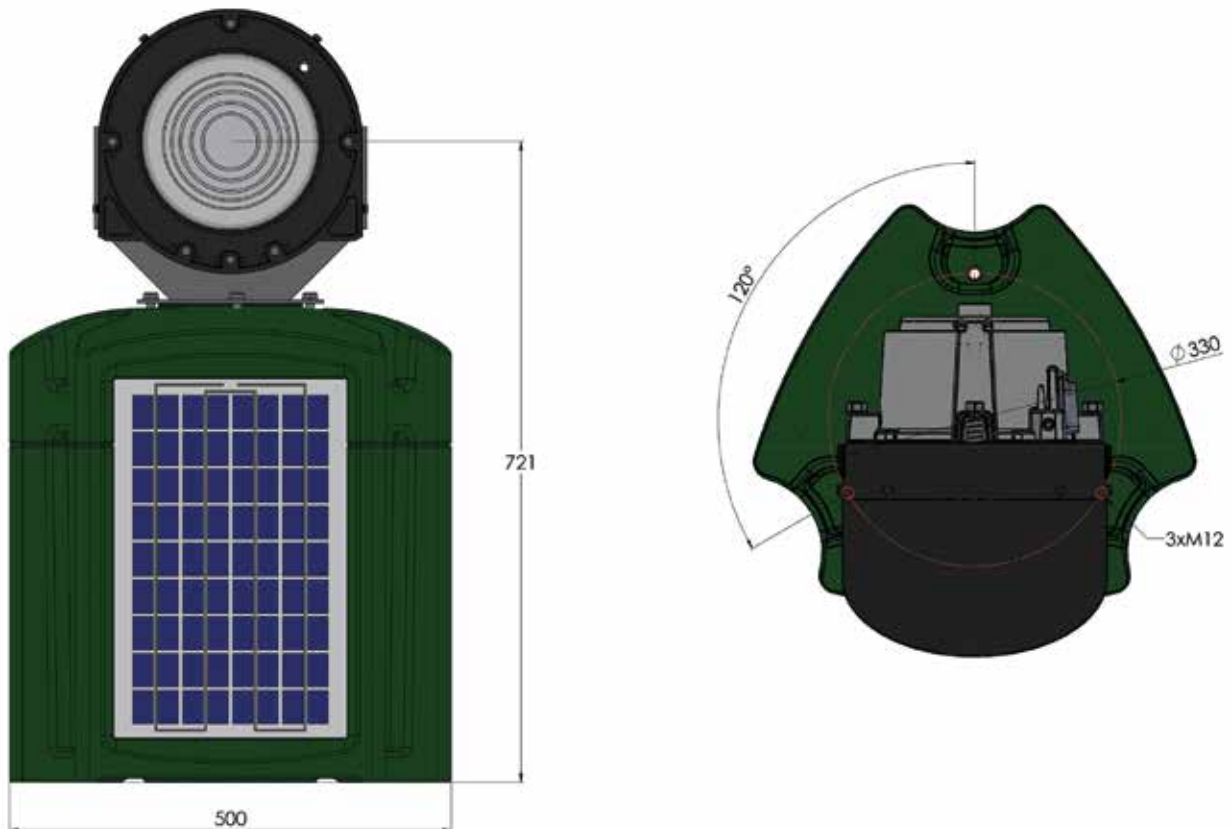


VRLA Battery
Maintenance free Lead acid battery with a designed life-time of of 7 years.



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

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

OPT 4: GPS sync	Integrated LED performance measurement
OPT 7: External GPS	External GPS antenna for OPT 4 and OPT 9
OPT 9: LightGuard GSM + GPS	Integrated GSM based monitoring including GSM/GPS antennas
OPT 10: LightGuard GSM	Integrated GSM based monitoring including GSM antenna
OPT 11: Control card	Control card for secondary battery
OPT 12: Aux card with I/O	Aux card including I/O ports
OPT 13: Aux card with RS485 and I/O	Aux card including RS 485 and I/O port
Shock & Tilt Sensor	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