

SCLS 100

Self-contained LED Light
with 10 NM Range

SCLS 100 is a self-contained range light for use on fixed structures. The light is a complete package including solar panels battery and charge controller. The light is made for long uninterrupted operation.

- Range up to 10 NM (Tc=0,74)
15 NM (Tc = 0,85)
- Standard IALA colours Red, Green, White, 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
- Standard VRLA battery. Other battery options on request.
- Ventilated battery compartment
- Solar modules with tempered glass in front
- Adjustable intensity and range
- Programmable with Sabik standard IR programming devices
- Optionally integrated GPS synchronization
- Optionally integrated GSM remote monitoring
- Optionally auxiliary connector for external charger or external solar module





Aluminium housing
Rugged housing with sunshield.



Installation
The bottom plate of the SC-LS100 supports installation on structure using 3 x M10 bolts on a 330 mm radius.



Adjustable
Field adjustable in both horizontal and vertical direction.



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



Auxiliary connector
(Optionally) enables external charging or additional solar modules.



VRLA Battery
Maintenance free Lead acid battery with a designed lifetime of 7 years.

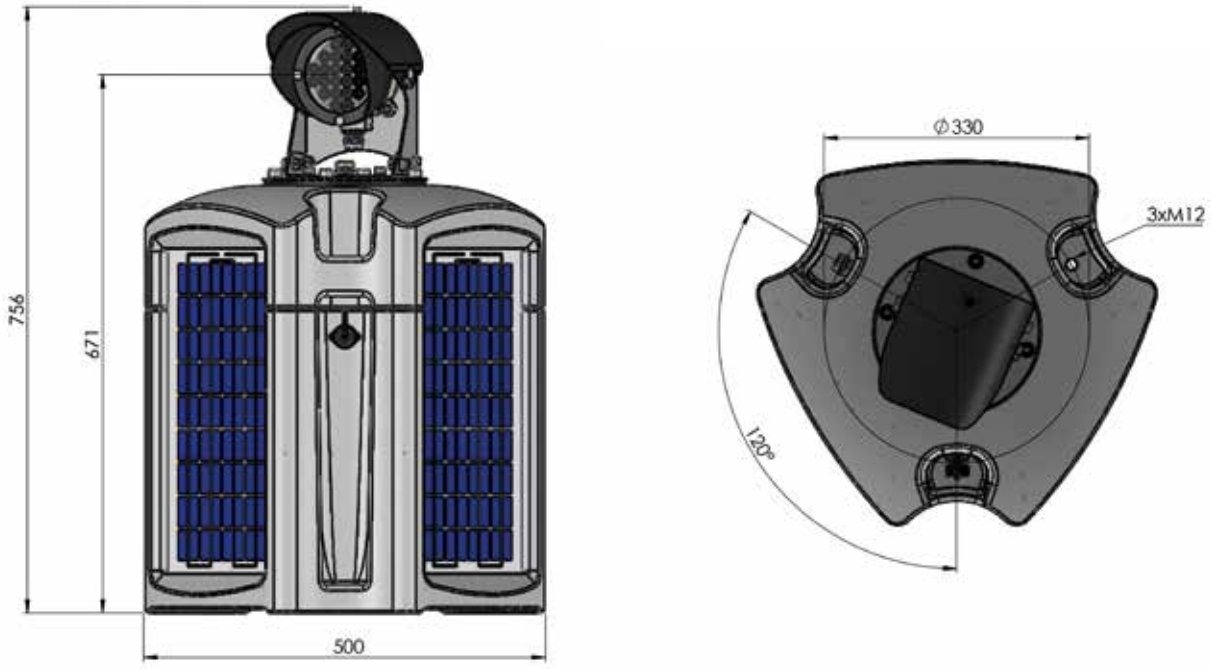


Programming with PC
Using Sabik USB interface.



Sabik Easy Programmer
User friendly and compact wireless two way programmer.

Technical Specification SCLS 100



Optical performance

Maximum fixed intensity

At full power 3 W **3.000 cd** 3.000 cd 5.000 cd 4.000 cd

Main Technical Specification

Lens visual/Mechanical diameter	100 mm
Lens material	UV stabilized Polycarbonate
Light source	Light Emitting Diodes (LEDs)
Vertical divergence	4° @ 50 % (±1°) and 8° @ 10 % (±2°)
Solar modules	3 x 11 W
Battery	VRLA GEL-Type, 60Ah/12V
Weight	37 Kg
Overall height	756 mm
Overall width	500 mm dia.
Installation	3 x M10 on 330 mm dia.
Power consumption	At full power 3 W

Order Overview SCLS 100

Option matrix

OPT 1: Optical Feedback System	Integrated LED performance measurement
OPT 4: GPS sync	GPS sync including GPS antenna
OPT 7: External GPS	External GPS antenna
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

SCLS100 with VRLA Battery

Red	SCLS 100R
Green	SCLS 100G
Yellow	SCLS 100Y
White	SCLS 100W

Enclosure colour gray by default.
Other colours have to be ordered separately.