

ODSL 200

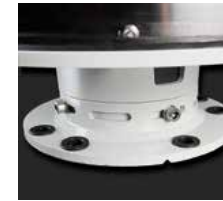
Omni-directional LED sector light

ODSL 200 omni-directional sector light is an innovative, compact new sector lantern with accurate sector borders. The lantern is equipped with a replaceable LED optical unit. The range of the lantern, depending on colour and flash character, is between 6-10 nm (Tc = 0,74)

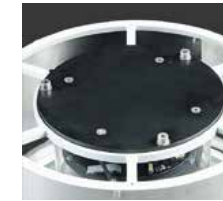
- Sectors are fully verified at Sabik's photometric range prior to delivery
- Field installation is easy thanks to a rotation mechanism in the base
- Precision alignment, at site, can be done with a gun sight (has to be ordered separately)
- After installation sector alignments remain unchanged even if the LED optical unit is replaced
- Lantern can be delivered with an external weather cover
- The standard sector light is available as a 3 or 6 layer model
- Small area of uncertainty between the sectors, typically less than 0,5 deg
- Integrated flasher with day light switch and a controller equipped with a 16 ampere solar panel charger
- Programmable with Sabik standard IR programming devices
- The lantern can be equipped with remote monitoring, synchronization and optical feedback
- Patent pending



Optics
Optics designed for high intensity LEDs.



Adjustment
Rotation mechanism in basement.



Replaceable LED unit
LED optical unit is separated from the sector plate.



IR port and photocell
Combined infrared communication port and photocell is located on the base of the lantern.



Installation
The bottom plate supports installation on structures using 3 x M12 bolts or 4 x M12 bolts on a 200mm diameter.



Protection
Weather cover as option. Protects the lantern in outdoor installations.



High protection degree
The PTFE breathing vent for pressure release in the bottom of the LED optical unit.

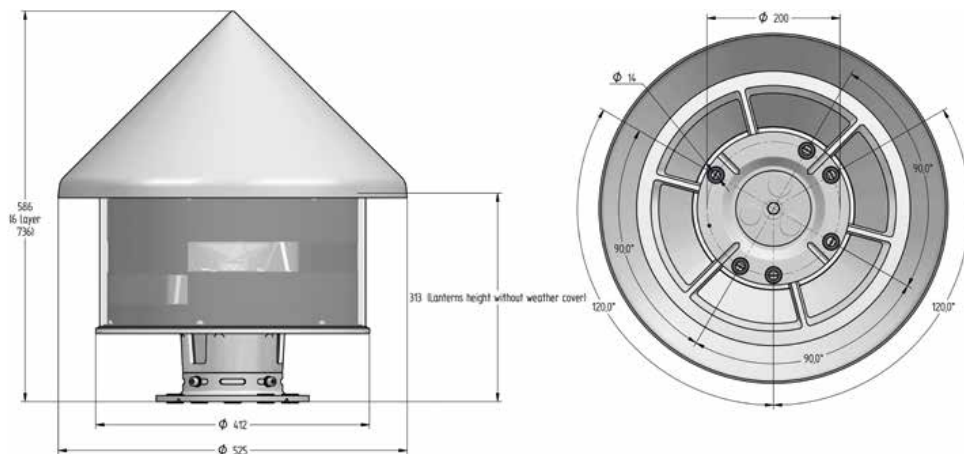


Sabik Easy Programmer
User friendly and compact wireless two-way programmer.



PDA Programmer
Wireless two-way communication using a Windows based PDA with infra red port. Flash code, range and photocell switch level etc. can be set. The Programmer can also retrieve the event log.

Technical Specification ODSL 200



Optical performance

Maximum fixed intensity per tier and colour			
Max power 3,5 W	250 cd	250 cd	600 cd

When using weather cover reduce 10 % intensity.

Main Technical Specification

Lens visual/Mechanical diameter	200 mm
Lens material	UV stabilized Acrylic
Light source	High Power Light Emitting Diodes
Vertical divergence	2°@50% of peak intensity (FWHM)
Unit lifetime	Up to 10 years
Weight lantern	3-tier 10,5 kg, 6-tier 13,4 kg
Weight including weather cover	3-tier 14 kg, 6-tier 17,4 kg
Temperature range	-40° – +60°C
Supply Voltage	9 – 30 VDC
Solar panel charger	16 ampere PWM charger
Power consumption	3,5 watts/tier
Degree of protection	IP 67

Order Overview ODSL 200

Option matrix

LightGuard GSM	Integrated GSM based monitoring with external GSM antenna
LightGuard GSM + GPS	Integrated GSM based monitoring with external antennas
GPS sync	Integrated GPS sync with external GPS antenna

Product codes

LED ODSL 200
ODSL 200-3, 3 layer lantern
ODSL 200-6, 6 layer lantern
LED ODSL 200 WEATHER COVER
ODSL 200-3WC, 3 layer weather cover
ODSL 200-6WC, 6 layer weather cover
Gun sight for exact positioning
821030