



ODSL 200

Omnidirectional LED sector light

ODSL 200 omnidirectional sector light is an innovative, compact sector light with accurate sector borders. This light is equipped with a replaceable LED optical unit. The range of the light, depending on colour and flash character, is between 6 and 10 NM ($T_c = 0,74$).

- Sectors are verified at Sabik's photometric range prior to delivery
- Field installation is easy thanks to the adjustable 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
- Light can be delivered with an external weather cover
- The standard sector light is available as a 3, 6 or 12 layer model
- Small area of uncertainty between the sectors, typically less than $0,5^\circ$
- Integrated flasher with daylight switch and a 16 A solar panel charger
- Programmable with Sabik IR programming devices or Bluetooth Control
- This light can be equipped with remote monitoring and synchronization
- Patented omnidirectional LED sector light technology



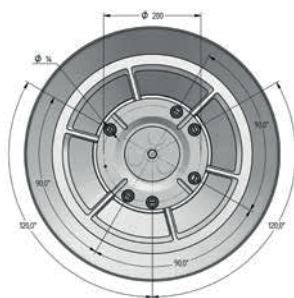
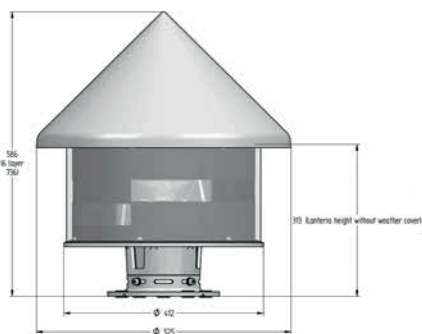
Optical performance

Maximum fixed intensity per tier and colour

Max power 3,5 W	250 cd	250 cd	600 cd
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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, 12-tier 22,4 kg
Weight including weather cover	3-tier 14 kg, 6-tier 17,4 kg, 12-tier 26,4 kg
Height	3-tier 577 mm, 6-tier 727 mm, 12-tier 1027 mm
Temperature range	-40° – +60°C
Supply Voltage	10 – 32 VDC
Solar panel charger	16 A PWM charger
Power consumption	3,5 watts/tier
Degree of protection	IP 67
Cable length	2 m / 6 m



Order Overview ODSL 200

Product codes

ODSL 200

ODSL-200-3, 3 layer lantern

ODSL-200-6, 6 layer lantern

ODSL-200-12, 12 layer lantern

ODSL 200 WEATHER COVER

ODSL-200-3WC, 3 layer weather cover

ODSL-200-6WC, 6 layer weather cover

ODSL-200-12WC, 12 layer weather cover

Gun sight for exact alignment

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Option matrix

OPT 4: GPS sync	Integrated GPS sync with external GPS antenna
OPT 9: LightGuard GSM + GPS	Integrated GSM based monitoring with external antennas
OPT 10: LightGuard GSM	Integrated GSM based monitoring with external GSM antenna