



OWS-LIOL-10/32

Low Intensity Obstruction Light Red + IR

Obstacle light for night time marking of structures that present a hazard to aviation. Red steady burning in night mode.

Incorporates the benefits of advanced LED, optical and system control technologies to meet the most demanding applications.

Key Features

- Two years warranty
- Smallest light fixture in the industry
- Offshore product design experience
- Compact and Lightweight
- Easy to install
- 100.000 hours design life
- Built-in photocell and monitoring sensors
- No maintenance required over service life
- Automotive industry standard optical design
- Extremely low power consumption
- Long life power supply to match LED life
- Made in The Netherlands

Performance characteristics

- Horizontal beam pattern: 360°
- Effective intensity: 10cd / 32cd
- Vertical beam pattern: 8° FWHM
- Infra-Red wavelength ~850 nm
- Infra-Red beam follows visible red light



Electrical characteristics

- Operating voltage: 12Vdc – 230VAC
- Power consumption: 1Watt
- Overvoltage protection: Class III according to IEC61643-1 [OPTIONAL]

Physical characteristics

- Dimensions: L x W x H: 230x230x69 mm
- Mounting position: see drawing, page 3
- Mounting: 4x Ø10mm (M8)
- Weight: 1,1 kg
- Design degree of protection: IP66
- Operating temperature range: -25 °C/+60 °C
- Supplied with pre-mounted cables for easy installation and high reliability ready for use (1.5meter)
- Cable bending radius static: 7x cable diameter
- Outer cable diameter: Ø8+/- 0.5 mm

System design, control and monitoring

- Use as a stand-alone light, or in a multiple light system with an OWS Control system (OWS-CTRLxx)
- Optional OWS Control system facilities provides control interfaces for:
 - “smart switch” aircraft detection input
 - Visibility condition variable intensity input
 - Visibility condition variable intensity input; intensity steps 30% and 10%
 - Remote photocell control input/override



Offshore Warning Systems B.V.

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V1.0



Order codes

Configuration table

| ORDER CODE | LIGHT PERFORMANCE | | |
|-------------|-------------------|----------|-------------------------|
| | DAY | TWILIGHT | NIGHT |
| OWS-LIOL-10 | OFF | OFF | 10cd steady Red & IR |
| OWS-LIOL-32 | OFF | OFF | 32cd steady Red & IR |



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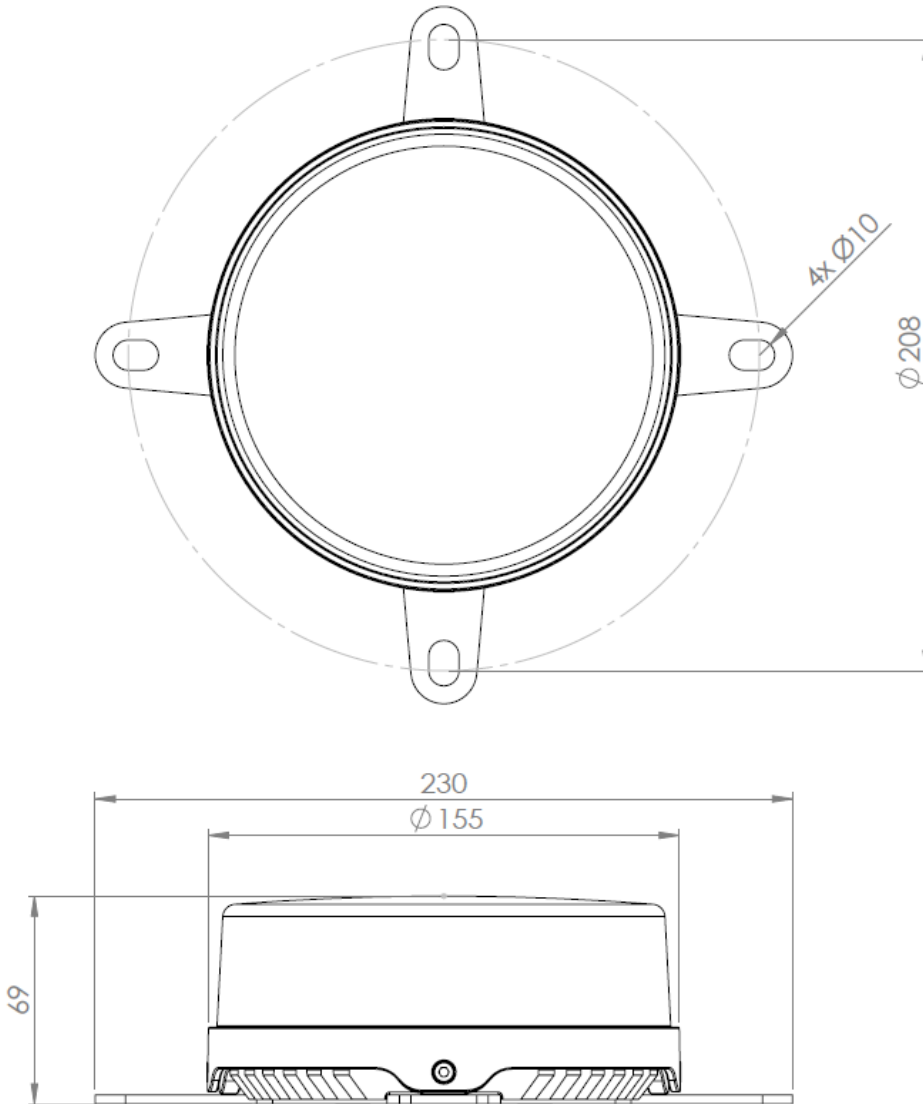
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DRAWING

General dimensions



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