



OWS-EX-LIOL-10/32

Explosion proof Low Intensity Obstruction Light

Obstacle light for nighttime marking of structures that present a hazard to aviation. Red steady-burning luminaire.

These luminaires are suitable for hazardous areas.

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

Key Features

- Two years warranty
- Small light fixture
- Easy to install
- 100.000 hours design life
- Low maintenance required over service life
- 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

Regulatory

- ICAO Annex 14 Volume 1, Chapter 6; Compliance.
- CAP 437 / CAP 168; Compliance.
- EASA Annex to ED Decision 2022/006/R; Compliance.
- FAA AC 150/5345-53, Compliance.



Hazardous marking

- Hazardous Area: Zone 1 and 2
- Atex: II 2 G Ex db op is IIC T6 Gb
- IECEx: Ex db op is IIC T6 Gb, Tamb -25°C to +60°C
- Atex Certificate: ITS18ATEX103970X
- IECEx Certificate: IECEx ITS 18.0052X

Electrical characteristics

- Operating voltage: 24Vdc -100Vac-240Vac
- Power consumption: 6Watt

Physical characteristics

- Dimensions: L x W x H: 183x183x150 mm
- Mounting position: see drawing, page 3
- Mounting: 4x Ø10mm (M8)
- Weight: 4.2 kg
- Design degree of protection: IP66
- Operating temperature range: -25 °C/+60 °C
- Cable Outer Dimension: 12 - 19mm
- Cable type:H07RN-F 3x2,5mm²

System design

- Stand-alone light



Offshore Warning Systems B.V.

Waldammeweg 7D, 4338 PM, Middelburg, The Netherlands.

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V1.0, 12-4-2024



Order codes

Configuration table

ORDER CODE	LIGHT PERFORMANCE
OWS-EX-LIOL-10	10cd steady Red
OWS-EX-LIOL-32	32cd steady Red



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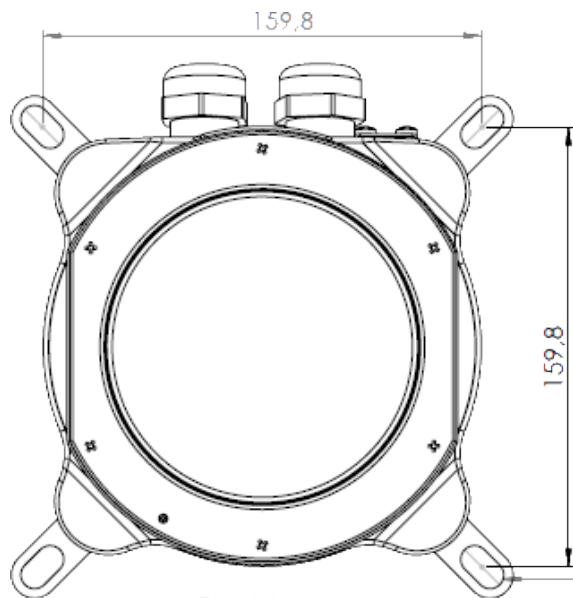
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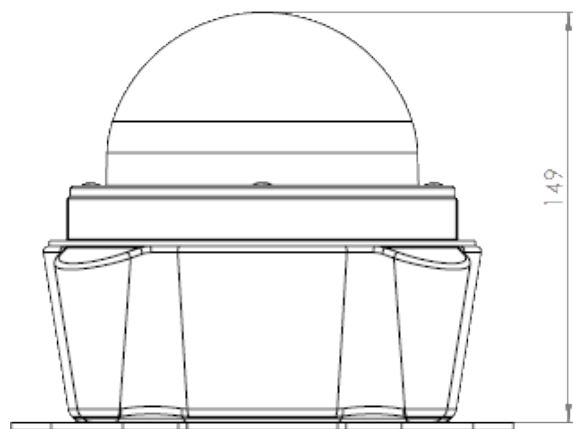
DRAWING

General dimensions

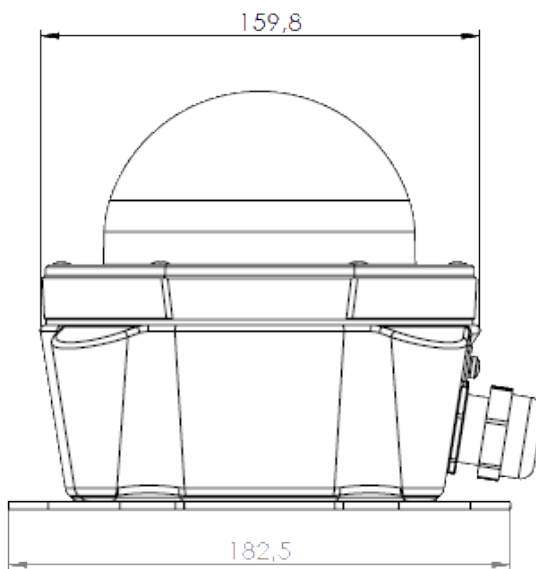


Top View

4X $\varnothing 10$ Mounting hole, Mount M8



Front View



Right View



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