

LOW INTENSITY

LOW INTENSITY OBSTRUCTION LIGHT CAP168



As specified by CAP 168 "Licensing of Aerodromes", Low Intensity Obstruction Light have be used to warn the presence of obstacles up to 45m height.

This beacon is the simplest device according to CAP 168 standards. It provides steady burning red light with two types of intensity: $\geq 10\text{cd}$ for Group A and $\geq 200\text{cd}$ for Group B.

Low intensity obstacle lights, Group A, have to be used to light obstacles on the aerodrome movement area or when LIOL Group B may cause dazzle.

Low intensity obstacle lights, Group B, have to be used on obstacles located away from the movement area or on the movement area with high levels of background illuminance.



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LOW INTENSITY

LIOL GROUP A LOW INTENSITY OBSTRUCTION LIGHT

Polycarbonate UV resistant dome

Twilight sensor*

Stabilised light output:
Group A: >10cd

- ▶ Standard circuits or TWIN*
- ▶ Infrared version*

Based on LED technology
Red steady burning light (ICAO-FAA)

Polyurethane foam

Anti-condensation
Gore-Tex valve

Anodised aluminium body
with heat-sink pins

Thread 3/4" F NPT

IP66

Patented Beacon: **Italy 1402606;**
Germany 20 2011 107 787.3.

*as option

With a low-weight base, designed to dissipate the heat, this LED device is the ideal solution for an **efficient, light and compact** obstacle signalling, able to guarantee a **product life exceeding ten years**, along with a **reduced power consumption**.

LIOL Group A beacon has a **red steady burning light** with an omnidirectional light beam and a patented optical reflector.

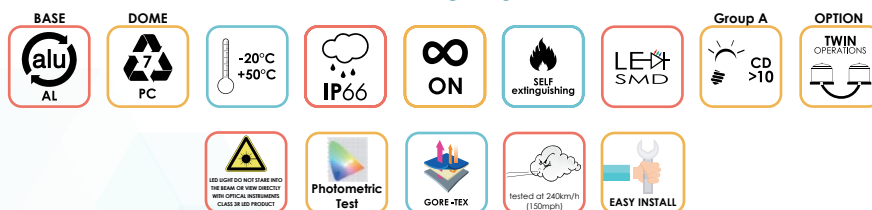
CERTIFICATION



COMPLIANCE



FEATURES



TYPICAL APPLICATION



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The contents of this catalogue are subject to change without prior notice due to any improvements and updates made.

LOW INTENSITY

LIOL GROUP A TECHNICAL SPECIFICATIONS

OPTICAL FEATURES

- Based on LED technology
- RED light - Steady Burning
- LIOL Group A: >10 cd
- Horizontal beam radiation: 360°
- Vertical beam spread: from 0° to 30°
- Optical reflector

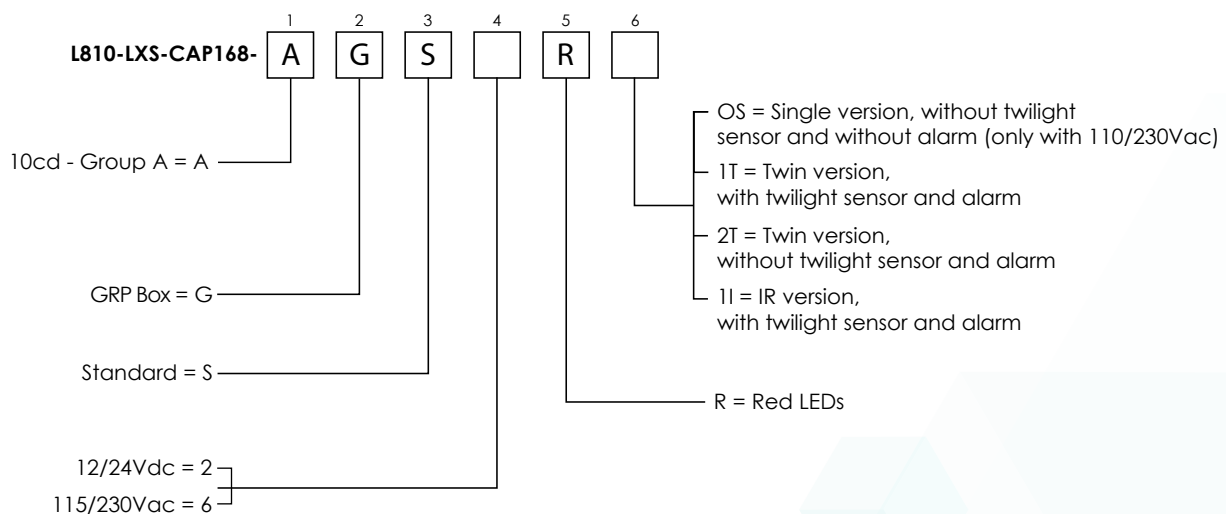
MECHANICAL FEATURES

- Anodised aluminium body with heat-sink pins at the bottom
- Polycarbonate UV resistant dome
- Polyurethane foam
- Degree of protection: IP66
- Operating temperature: -20°C to +50°C
- Storage temperature: -20°C to +50°C
- Lamp unit weight: 1kg approx
- Terminal JB

OPTIONS

- Twin version: two galvanically separated circuits in the same fixture
- Fault alarm
- Beacon support bracket
- Automatic changeover from normal to backup light
- IR Wavelength - 850nm

ORDER CODE



ELECTRICAL FEATURES

- Power supply AC
- No RF-radiations
- LED feeded at constant current

CERTIFICATIONS

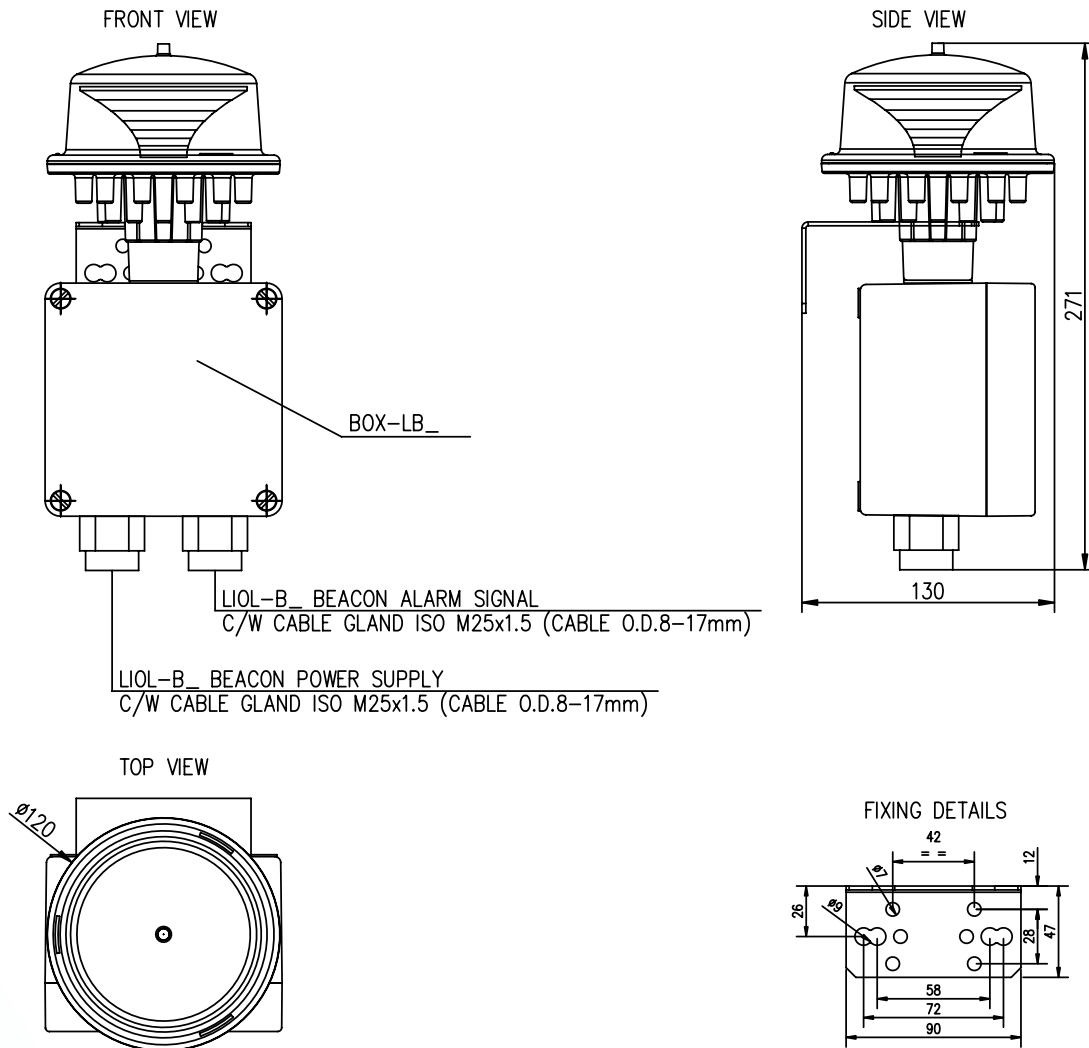
- CE marking

COMPLIANCE

- CAP168 Licensing of Aerodromes, Ch. 4: The Assessment and Treatment of Obstacles
- CAP437: Chapter 4th "Visual Aids"

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LIOL GROUP A TECHNICAL DRAWING



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