

LOW INTENSITY OBSTRUCTION LIGHT

As specified by Annex 14 of ICAO regulations, Low Intensity Obstruction Light can be used to warn the presence of obstacles up to 45m height, such as telecommunication towers, wind turbines, chimneys, cranes, buildings and other structures.

This beacon is the simplest device according to ICAO standards. It provides steady burning red light with two types of intensity: $\geq 10\text{cd}$ for Type A, $\geq 32\text{cd}$ for Type B and $\geq 32\text{cd}$ for Type E (flashing red light).

Low intensity obstacle lights, Type A can be used alone.

Low intensity obstacle lights, Type B, can be used either alone or in combination with medium intensity obstacle lights, Type B.

Low intensity obstacle lights, Type E, can be used either alone or in combination with medium intensity obstacle lights, Type B. Type E will flash at the same rate of other flashing beacons installed.

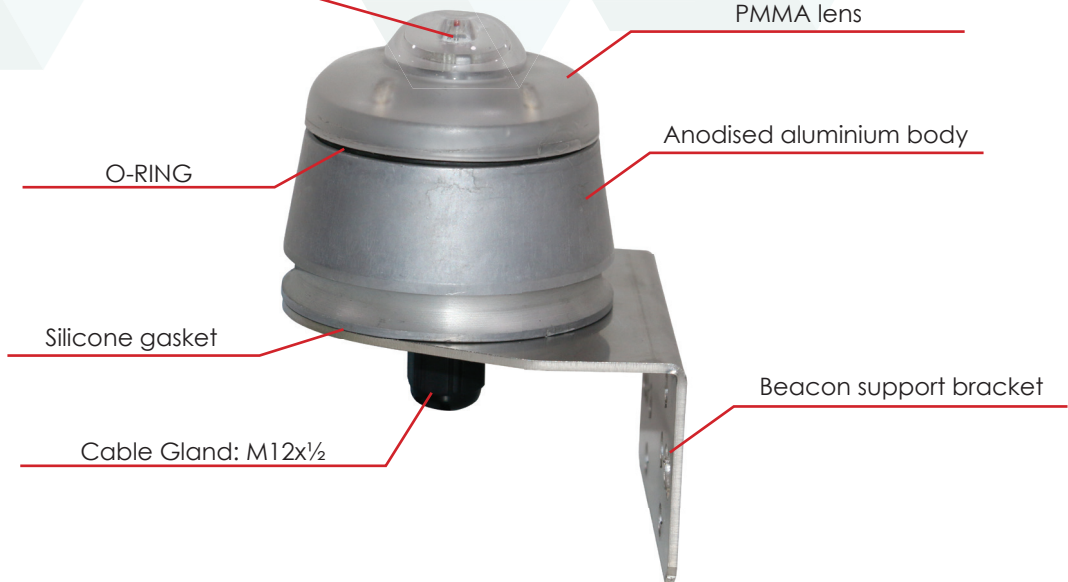


LUXSOLAR beacons are composed of a plurality of separated lenses not belonging to the central body of the beacon. This allows the lenses to be coupled by distinct clamping elements.

LOW INTENSITY

LXS-ONE-A / LXS-ONE-B

Stabilised light output
LIOL-A: >10cd
LIOL-B: >32cd



IP66

Patented beacon: **EU 16192284.4**; **Italy 202015000058322**; **Canada 2,943,696**; **USA 15/279,456**;
Australia 2016234909; **India 201634033758**; **Brasil 201621102379.8**

Low Intensity Obstruction Light is compliant to ICAO (Low Intensity – Type A or B), FAA (Type L-810) and ENAC certified.

LXS-ONE has been designed to be easily installable. It is **more compact** and equipped with an **adaptable mount bracket**. A balance of **optics**, **electronics** and **mechanics** has allowed us to make an **affordable** and **convenient device**.

LXS-ONE-A / LXS-ONE-B beacon has a **red steady burning light** with an omnidirectional light beam, able to ensure a vertical beam spread of 10°, according to ICAO Annex 14.

COMPLIANCE



FEATURES



APPLICATIONS



LOW INTENSITY

LXS-ONE-A and LXS-ONE-B TECHNICAL SPECIFICATIONS

OPTICAL FEATURES

- Based on LED technology
- RED steady burning light
- >10 cd LXS-ONE Type A
- >32 cd LXS-ONE Type B
- Peak intensity: @5°
- Horizontal beam radiation 360°
- Vertical beam spread >10°
- PMMA lens

OPTIONS

- Beacon support bracket

ELECTRICAL FEATURES

- Nominal input voltage: 9 - 60 VDC
- Power consumption: 0,4W (Type A)
- Power consumption: 2,0W (Type B)
- LED feeded at constant current

MECHANICAL FEATURES

- Anodised aluminium body
- Silicone gasket
- Degree of protection: IP66
- Operating temperature: -20°C to +60°C
- Storage temperature: -20°C to +85°C
- Dimensions (Øxh): 68x60mm
- Lamp unit weight: 260gr

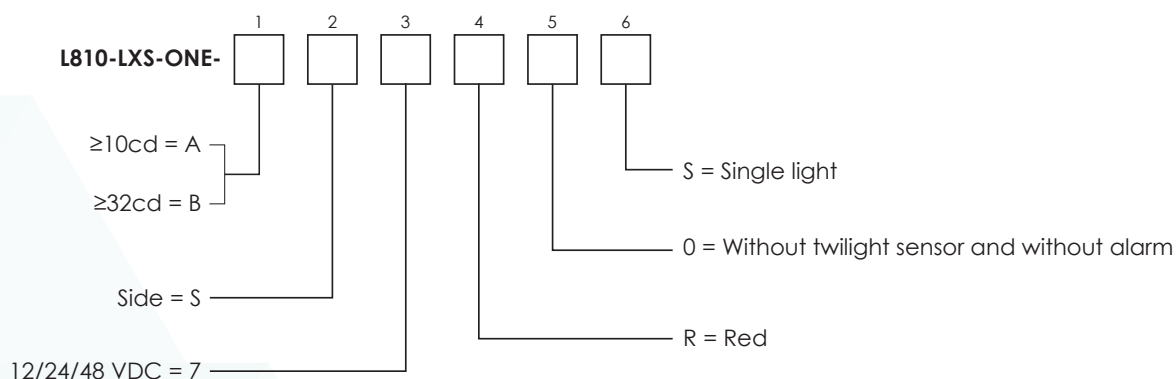
APPLY TO

- Airport - Stack - High Building - Chimney - Tower crane
- Pipe line - Bridge - Radio and television tower
- Transmission line - Wind turbine - Wind mast measurement
- Radar - Antenna

COMPLIANCE

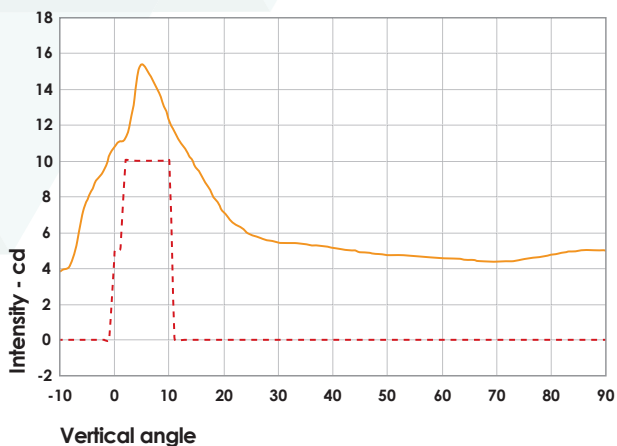
- ICAO Aerodromes -Annex 14 Volume 1, Chapter 6: Low intensity, Type A-B steady burning obstacle light
- FAA AC150/5345-43F E.B. #67 type L-810

ORDER CODE

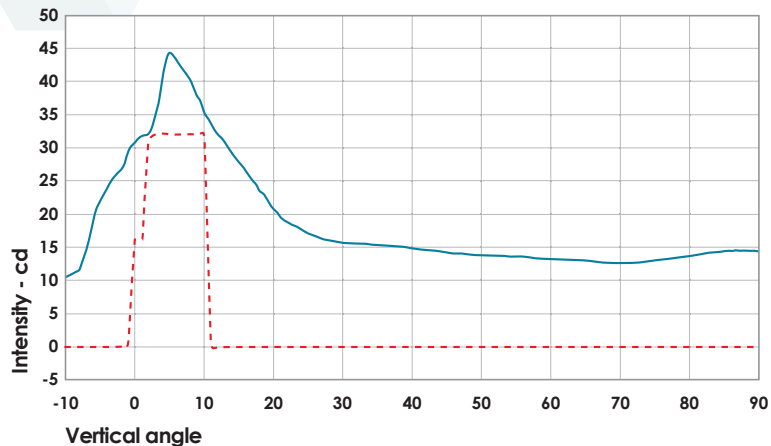


LOW INTENSITY

LXS-ONE-A and LXS-ONE-B TECHNICAL SPECIFICATIONS



— L810-LXS-ONE-A average emission level
- - ICAO ANNEX 14 low intensity type A Minimum Required Intensity



— L810-LXS-ONE-B average emission level
- - ICAO ANNEX 14 low intensity type B and E Min Required Intensity

