



LS810

Low intensity LED
obstruction light

Compliant to Latest International Standards

- ▶ ICAO Annex 14, Chapter 6
- ▶ FAA 150/5345-43
- ▶ FAA EB 67 type L-810
- ▶ EASA CS-ADR-DSN, Chapter Q

Applications

Low Intensity Obstruction Light

LS810

Low Intensity LED obstruction light solutions



The LS810 Low Intensity Obstruction Light is compliant to ICAO (Low Intensity - Type A or B), FAA (Type L-810) and EASA certified. With an ultra low-weight (less than 300gr) and smallest body for an obstruction light device, high quality and ultra-bright mono-LED, optical PMMA lens for an optimum beam spread, LS810 product is your best choice for an efficient, long life and reliable Aircraft Warning Obstacle Light.

With a low-weight and compact body, high quality and ultra-bright LEDs, optical reflector for an optimum beam spread, the LS810 product is your best choice for an efficient, long life and reliable Aircraft Warning Obstacle Light.

Ordering Codes: **LS** **810-ONE** **S** **7** **R** **O** **S**

Application

Low Intensity Obstruction light - ICAO

Candela

A = >10 cd

B = >32 cd

Mounting

S = Side

Supply

7 = 12/24/48 VDC

Colour

R = Red

Sensor

O = Without twilight sensor

Redundancy

S = Single light

Electrical Performance

- Nominal input voltage: 9 - 60 VDC
- Power consumption: 0.8W (Type A) @12/24Vdc
- Power consumption: 3.1W (Type B) @12/24Vdc
- LED feeded at constant current

Mechanical Features

- PMMA dome and lens
- Anodised aluminium body
- EPDM gasket
- SS304 Beacon support bracket
- Degree of protection: IP66
- Operating temperature: -20 °C to +60 °C
- Dimension (wxh): 68x60mm
- Lamp unit weight: 260gr

Optical Features

- Based on LED technology
- RED light - Steady Burning
- LIOL-A: >10 cd
- LIOL-B: >32 cd
- Peak intensity: @5
- Horizontal beam radiation 360
- Vertical beam spread >10
- PMMA lens

Environmental Conditions

► Ambient Temperature -20°C to +50°C

► Storage Temperature -35°C to +75°C

► Atmospheric Altitude up to 10,000 feet (3000m)

► Relative Humidity 0-100% (sealed unit)

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LS810

FX810

Low Intensity LED obstruction light
solutions



Applications	
Airports	Radio and television tower
High buildings	Wind Turbines
Chimney	Tower crane
Pipelines	Radars
Bridges	Antennas
Power transmission pylons	Wind / weather measuring stations



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