

LS810A

Low intensity LED obstruction light (Red) Group - A

Compliant to Latest International Standards

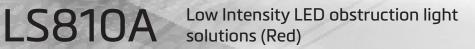
- CAP168
- CAP437 Offshore Helicopeter landing areas
- CE Markings

Applications

Low Intensity Obstruction Lights (LIOL) that should be used to warn the presence of obstacles up to 45 mts high

📞 UK: +44 (0) 1942 68 5555 | USA: +1 (239) 985-9406







As specified by UK CAP168 "Licensing of Aerodromes" regulation, Low Intensity Obstruction Lights (LIOL) should be used to warn the presence of obstacles up to 45m height, such as telecommunication antennas, chimneys, cranes, buildings and other structures.

Low Intensity Obstruction Lights are the simplest devices according to CAP168 standards and they have the following characteristics and uses:

• LIOL Group A (intensity >10cd, red steady burning) have to be used to light obstacles on the

aerodrome movement area or when LIOL Group B may cause dazzle;

• LIOL Group B (intensity >200cd, red steady burning) have to be used have to be used on obstacles located away from the movement area or on the movement area with high levels of background illuminance.

Features

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

Ordering Codes: LS-810168AGS-X-X-X-X

••••	115VAC	Suj 230VAC	oply voltc 12VDC		48VDC	Twin unit	Infrared NGV	Fault Contact	Auto switch	Twilight sensor	Ready for cloud
6ROS	х	х									
2R00			х	х		х		х	х	х	х
2R2T			х	х		х		х	х		х
2R00			х	х			х	х		х	х
6800	х	х				х		х	х	х	х
6R21	х	Х				х		х	х		x
600	х	Х					х	х		х	х
OROO					х	х		х	х	х	х
ØRQÐ					х	х		х	х		х

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LS810A Low Intensity LED obstruction light solutions (Red)



Electrical Performance

- Power supply by either AC or DC: 12/24/48VDC 115/230VAC
- LED feeded at constant current
- Power consumption: 2W @12/24Vdc

Options

- TWIN version: two separate LED circuits in the same fixturs (normal + stand-by)
- Automatic changeover from normal to backup light
- Fault alarm
- IR Wavelength 850nM, compatible with pilot's NVG
- Cloud Monitoring System Low Impact

Environmental Conditions

- ▶ Ambient Temperature -20°C to +50°C
- Storage Temperature -35°C to +75°C

- **Mechanical Features**
- Anodised aluminium body with heat-sink pins for maximum heat dissipation
- Policarbonate UV resistant dome
- Polyurethane foam
- Terminal JB for connection in Glass Reinforced
- Polyester (GRP), black colour
- Degree of protection: IP66
- Lamp unit weight 1,8 Kg
- Anticondensation Goretex valve
- SS304 beacon support bracket

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
- Atmospheric Altitude up to 10,000 feet (3000m)
- Relative Humidity
- 0-100% (sealed unit)

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



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atg airports reserve the right to change technical data and details at any point in time. Errors may have occured

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