



LS864A

Medium intensity LED obstruction light (Red)

Compliant to Latest International Standards

- ICAO Annex 14. Vol 1
- FAA AC 150/5345-43
- EASA Aerodromes Design CS-ADR-DSN
- DGAC / STAC
- ► ENAC
- EASA
- CE marking

Applications

Medium Intensity Obstruction Lights (MIOL) should be used to warn the presence of obstacles with an height between 45m and 150m

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

LS864A

⊕www.atgairports.com ⊠enquiries@atgairports.com ⊠sales-usa@atgairports.com



LS864A Medium Intensity LED obstruction light solutions (Red)



With reference to Annex 14 of ICAO regulation, Medium Intensity Obstruction Lights (MIOL) should be used to warn the presence of obstacles that could constitute hazard to air navigation.

The LS864 MIOL-B/C ALL-IN-ONE beacon is the ideal solution when a compact and fully equipped device is needed; the perfect Aircraft Warning Light for transmissionand telecommunication towers, meteorological masts and crane

Features

The LS864 Medium Intensity Obstruction Light is compliant to ICAO (Medium Intensity - Type B or C), FAA (Type L-864), ENAC and EASA certified.

With a compact body, high quality and ultra-bright LEDs, patented lenses and patented shape for optimum light emission and beacon cooling; the LS864 MIOL-B/C ALL-IN-ONE product is the most up-to-dated and technologically advanced Aircraft Warning Light. This LED device has been designed to concentrate in one fixture several features: TWIN version as standard characteristic (normal + stand-by LED circuit), built-in remote fault monitoring, twilight sensor and GPS module (option).

Applications	
Air Traffic Control towers (ATC)	Radio and television tower
High buildings	Wind Turbines
Chimney	Tower crane
Pipelines	Radars
Bridges	Antennas
Power transmition pylons	Wind / weather measuring stations

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

LS864A

LS864A Medium Intensity LED obstruction light solutions (Red)



Electrical Performance

• Power supply 24VDC (18-32VDC) or 115/230Vac

- Average power consumption for MIOL-B @24Vdc (flashing):
 - @20fpm: 2,4W
- @40fpm: 3,7W @60fpm: 5W
- Average power consumption for MIOL-C @24Vdc (Steady Burning): 21W
- LED feeded at constant current
- Surae arrester
- No RF-radiations
- Contact Fault Alarm Free Voltage
- Automatic changeover from normal to

stand-by LED circuit

- Based on LED technology
- RED light
- MIOL-B: >2.000cd Flashing
- MIOL-C: >2.000cd Steady Burning
- Cd emission @ -0,5 and +4
- Horizontal beam radiation: 360

Optical Features

Mechanical Features

- Anodised aluminium body, painted RAL7035
- Terminal JB for connection in Glass Reinforced
- Polyester (GRP), black colour
- Borosilicate glass cover protection
- Silicon rubber, VMQ
- Base wind collector and internal heat sink for optimum cooling
- Degree of protection: IP66
- Anti-condensation Gore-Tex valve
- Lamp unit weight: 6kg approx.
- SS304 beacon support bracket
- TWIN version: two separate LED circuits in the same fixture (normal + stand-by)

Optical Features

- Based on LED technology
- RED light
- MIOL-B: >2.000cd Flashing
- MIOL-C: >2.000cd Steady Burning
- Cd emission @ -0,5 and +4
- Horizontal beam radiation: 360
- Vertical beam spread: 4 • PMMA lens
- Light output alignment device

Environmental Conditions

- ▶ Ambient Temperature -20°C to +45°C
- ▶ Storage Temperature -35°C to +75°C

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

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

LS864A

LS864

Medium Intensity LED obstruction light solutions (Red)









.

Óther options available

GPS (Global Position System) module for synchronization among two or more light fixtures
Astronomic clock



Head Office: atg airports Itd Lowton Business Park | Newton Road Lowton St. Mary's | Warrington WA3 2AP | United Kingdom

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

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



LS864A

www.atgairports.com @enquiries@atgairports.com @sales-usa@atgairports.com