## 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 45 m and 150 m

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 |

## Electrical Performance

- Power supply 24VDC (18-32VDC) or

115/230Vac

- Average power consumption for MIOL-B
@24Vdc (flashing):
@2Ofpm: 2,4W
@4Ofpm: 3,7W
@60fpm: 5W
- Average power consumption for MIOL-C
$@ 24 \mathrm{Vdc}$ (Steady Burning): 21W
- LED feeded at constant current
- Surge 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

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- Ambient Temperature -20}
* Storage Temperature - }3\mp@subsup{5}{}{\circ}\textrm{C}\mathrm{ to +750}\textrm{C
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* Atmospheric Altitude up to 10,000 feet ( 3000m)
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- Relative Humidity 0-100% (sealed unit)

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```



## Monitoring options

$0=$ without GPS and cloud
$1=$ with GPS
2 = with cloud monitoring
$3=$ with GPS and cloud monitoring


## Mounting

A = AC supply $115 \mathrm{~V} / 230 \mathrm{~V}$
D = DC supply 24 V

## Other options available

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

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