AVIATION OBSTRUCTION LIGHT

Medium Intensity Red Light - MIOL

Compliance According to Standards

ICAO: Annex 14, Volume I - Chapter 6

FAA: L-864 to FAA AC 150/5345-43G

FAA engineering briefs 67D & 98

Application

Rules concerning aircraft beaconing are established by the ICAO (Annex 14, Chapter 6). Medium intensity beacons can be installed on structures above 45 meter in height. Such as telecom tower, buildings, tower crane, bridges, wind turbine and chimney.

Description

The MIOL is a medium intensity light with multi-LEDs technology. Dedicated to a night beaconing, it is a long life time system (>100,000 hours), very strong with a low consumption (10W at 20 flashes/minute). The MIOL is provided with a photocell for an automatic switch ON/OFF, GPS for flashing synchronization, and a dry contact for failure alarm. Moreover, it can be solar power supplied for areas where it is difficult to bring power supply, and it is designed for an easy installation.

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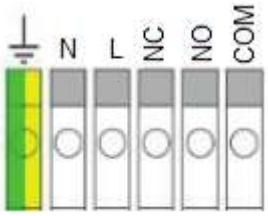
MIOL - Medium Intensity Red Light

Specifications

- FAA Type L-864
- ICAO Type B (flashing), Type C (Steady burning)
- Powder coated aluminium base
- Aluminium heatsink provides excellent thermal dissipation performance
- OSRAM LEDs
- GE polycarbonate lens, UV resistant
- Internal LED driver and constant current regulator make the light illuminate steadily
- Polarity reverse, overvoltage and shortcircuit protection
- Flashrate adjustment DIP switch 20-60times/minute
- Low power consumption <10W (flashing mode), <20W (steady mode)
- Intensity >2000 candela
- Horizontal beam 360°
- Vertical beam >3°
- Integrated photocell, GPS and dry contact (on request)
- Input voltage 120-240VAC, DC12V, DC24V, DC48V
- Protection class IP66
- Ambient temperature -30°C to +55°C
- Windspeed 240Km/h
- Weight 6kg
- Warranty 5 years

WIRING



Product Code

MIOL – 12 – B A

Product Code (MIOL)

Voltage (12: 120VAC, 23: 230VAC, 12: DC12V, 24: DC24V)

Type (B: ICAO Type B, C: ICAO Type C)

A: Alarm Line (dry output), SOL: Solar powered

*Integrated photocell is bydefault included, provided with photocell on/off switch

*Integrated GPS is bydefault included for flashing light.

*Solar powered lamp provided with 64W Monocrystalline PV and 403Wh lithium battery.

Drawing