

MOL32-E

Obstruction LED light

Up to 32 Cd



Low intensity obstruction light

The MOL32-E is an obstruction LED red flashing light. The light has been designed to be a compact, lightweight, and low-consumption product, fitted with LED diodes of high intensity, reaching a 32 Cd.

FEATURES

- Based on LED technology
- RED light - Flashing (ICAO - FAA).
- High-efficiency luminous system. Up to 32 Cd.
- Vertical divergence of 10°.
- 360° horizontal output.
- Average operation lifetime over 10 years.
- Low consumption: 3 W.
- IP 66 watertightness degree.
- Lightweight and compact.
- Fully ICAO compliant.
- Short-circuit, reverse-polarity and transient over-voltage protections.
- PATENTED OPTICAL SYSTEM ®.



It can be easily installed thanks to its mounting bracket and a balance of patented optics, electronics, and mechanical components.

This beacon has an omnidirectional light beam and a patented optical reflector, able to ensure a vertical beam spread of 10°. This lantern belongs to the ICAO and FAA Classification TYPE-B assuring a high watertightness degree, low consumption, and a lightweight and compact device.

Designed according to ICAO Standards Annex-14 and the EN60068, EN60529 (ISO/IEC 17025 accredited third-party laboratory).

IP66.



Optical System

Light source:	1 no. ultra-bright LED diode, with high-precision acrylic lens.
Luminous range:	Up to 32 Cd.
Colours available:	Red.
Vertical divergence:	10°.
LED average life:	More than 100,000 hours.
Power supply:	From 10 V dc to 25 V dc.
Power consumption:	3 W.
Idle current:	3 mA.

Electronic flasher

Circuit based on a microprocessor.

Short-circuit protection.

Automatic changeover from normal to backup light.

Fault alarm.

Materials and environment

Base:	Anodised aluminium body.
Lens cover:	Polycarbonate UV resistant dome.
Fixings:	1 U- bolts in a 9mm diameter.
Dimensions (Øxh):	120 x 271 mm.
Weight:	1 kg.
Watertightness degree:	IP66, anticondensation goretex valve.
Vibrations resistance:	MIL-STD-202G, Method 204D (SG).
Shock resistance:	MIL-STD-202G, Method 213B.
Temperature range:	From -20°C to 70°C.
Hardware:	Stainless Steel.
Cable Gland:	M25.

Certifications and compliance

ICAO/EASA test report (EN17025 laboratory).

CE marking.

ICAO Aerodromes -Annex 14 Volume 1, Chapter 6: Low intensity, Type A-B steady burning obstacle light.

FAA AC150/5345-43; E.B. #67 type L-810.

Options

Other specifications are available under request.

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! Specifications subject to change without previous notice.

