



### Low intensity obstruction light

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

## FEATURES

- Based on LED technology
- RED light - Steady Burning (ICAO - FAA).
- High-efficiency luminous system. 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:	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.  
 ENAC approval nr. 0135182/ENAC/CIA

## Options

Other specifications are available under request.

# MOL32-B

## Obstruction LED light

32 Cd

! Specifications subject to change without previous notice.

