



### Medium intensity obstruction light

The MOL-MA has been designed to be a compact, lightweight, and low-consumption product, fitted with LED diodes of high intensity, reaching an intensity of 20,000 Cd, day-mode white flashing and intensity of 2,000 Cd, night-mode white flashing.

## FEATURES

- Based on LED technology.
- White flashing light - (ICAO - FAA).
- High-efficiency luminous system.  
Up to 20,000 Cd.
- Vertical divergence of 4°.
- 360° horizontal output.
- Average operation lifetime over 10 years.
- Consumption: 160 W.
- IP 66 watertightness degree.
- Lightweight and compact.
- Fully ICAO compliant.
- Short-circuit, reverse-polarity and transient over-voltage protections.
- PATENTED OPTICAL SYSTEM ®.



The MOL-MA is an obstruction LED white flashing light that should be used alone.

It can be easily installed thanks to its mounting bracket and a balance of patented optics, electronics, and mechanical components. Beacons can stand extreme weather conditions and for easy maintenance and increased life-time the device is designed to not contain any electronic component that is available in a separate control local panel.

This lantern belongs to the ICAO and FAA Classification TYPE-A 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

<b>Light source:</b>	12 nos. ultra-bright LED diode, with high-precision acrylic lens.
<b>Luminous range:</b>	Up to 20,000 Cd day mode, White flashing. Up to 2,000 Cd night mode, White flashing.
<b>Vertical divergence:</b>	4° (50% I <sub>0</sub> ).
<b>LED average life:</b>	More than 100,000 hours.
<b>Power supply:</b>	From 10 to 48 V dc - 230 V ac.
<b>Power consumption:</b>	160 W.

## Electronic flasher

Circuit based on a microprocessor.

Short-circuit protection.

LED diode failure detection.

Flash rhythms: 20-60 FPM (adjustable).

Reverse-polarity and transient overvoltage protection.

## Materials and environment

<b>Base:</b>	Anodised aluminium body.
<b>Lens cover:</b>	Borosilicate glass cover protection.
<b>Fixings:</b>	1 U- bolts in a 9 mm diameter.
<b>Dimensions (Øxh):</b>	215 x 220 mm.
<b>Weight:</b>	6 kg.
<b>Watertightness degree:</b>	IP66.
<b>Humidity resistance:</b>	100%. Pressure-compensation valve to avoid condensation.
<b>Vibrations resistance:</b>	MIL-STD-202G, Method 204D (SG).
<b>Shock resistance:</b>	MIL-STD-202G, Method 213B.
<b>Temperature range:</b>	From -20°C to 60°C.
<b>Hardware:</b>	Stainless Steel.

## Certifications and compliance

ICAO/EASA test report (EN17025 laboratory).

CE marking.

ICAO Aerodromes - Annex 14 Vol. 1, Ch.6: Medium intensity, Type A flashing obstacle light MOL-MA type.

FAA AC150/5345-43; E.B. #67 type L-865.

## Options

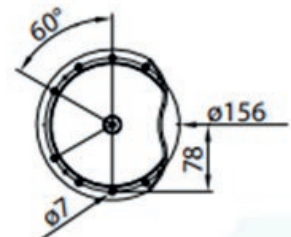
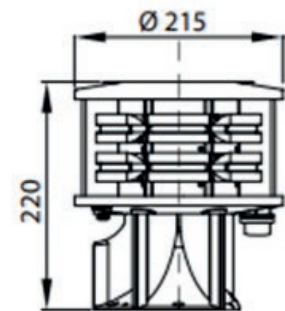
Other specifications are available under request.

# MOL-MA

## Obstruction LED light

### Up to 20,000 Cd

! Specifications subject to change without previous notice.



FIXING DETAILS SIDE  
(not scale)

