

# Omidirectional TLOF perimeter light MS-TLOF



MS-TLOF perimeter lights show to the pilot the border of the TLOF area. The lamps emit green light in angular range 0°- 90° in vertical cross section according to the ICAO regulations.

As perimeter lights are inserted into the landing plate a hardened glass cloche is used in stainless steel mount to ensure long operation time of the light. Energy efficient

LED light source with custom made optics allow very low power consumption.

The light can be manufactured with different color LEDs when needed.

## Basic MS-TLOF lamp parameters:

- Possible colors of light:
  - blue MS-TLOF-B
  - green MS-TLOF-G
  - white MS-TLOF-W
- Omnidirectional light spread:
  - horizontal 360°
  - vertical 0° to 90°
- Light intensity >30 cd(B,G), >100 cd (W)
- LED operation time >100 000 h (>10 years)
- Hardened glass cloche in stainless steel mount, 25 mm high over landing plate
- Casing protection class IP 65
- Lamp dimensions fi=140 x 120 mm
- Weight 1,5 kg
- Operating temperature range -40°C to +55°C
- Storage temperature range -40°C to +55°C
- Power supply 230V AC +/- 10%
- Power consumption 3W
- Fuse protection 630mA
- Electric protection class I
- Straight-through cable electric connection
- Optional cable connecting box 150x150 mm
- Three years warranty

## MS-TLOF lamp bears C€ mark and complies with following standards:

- European safety standards: EN 60950-1, EN 61347-1, EN 61-347-2-13
- European Electromagnetic Compatibility (EMC) Directive: EN 55022, EN 61000-3-2 class A, EN 61000-3-3 (EMC emission), EN 55024, EN 61000-4,2,3,4,5,6,8,11, criterion A (EMC immunity)
- ICAO International Standards and Recommended Practices: Annex 14 to the Convention on International Civil Aviation, Aerodromes, Volume II, Heliports, Chapter 5, Point 5.3.9, Edition IV, July 2013

Lamp parameters have been confirmed by measurements in independent, accredited laboratory and by tests in the Polish Medical Air Rescue.

## Producer and distributor:

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