

Obstacle Light Lanthan HF102

M92100

- Light Intensity 10 Candela, colour: red
- Power Consumption < 1.9 W
- self contained (lifetime and failure)
- Low power consumption, ideal for emergency power use and stand-alone power solutions
- Materials: Aluminium seawater & UV-resistant PMMA. Non-corrosive and virtually indestructible
- Maintenance free due to fail safe LED-technology
- > 50 000 hours operating capacity
- Wide operating voltage (10-50 V DC)
- Easy to be installed due to M12 HARAX connector. Termination by simply bolting the coupling ring to the contact carrier. Specialist tools for stripping the wire or for bolting the HARAX components are not required.



Technical Information

The Lanthan HF 102 Obstacle Light is characterised by its compact and rugged construction and the self supervision. The well dimensioned heat sink guarantees a minimal degradation of light intensity over 50 000 hours. Please note that an intensity of 10 Candela can not be guaranteed.

Application

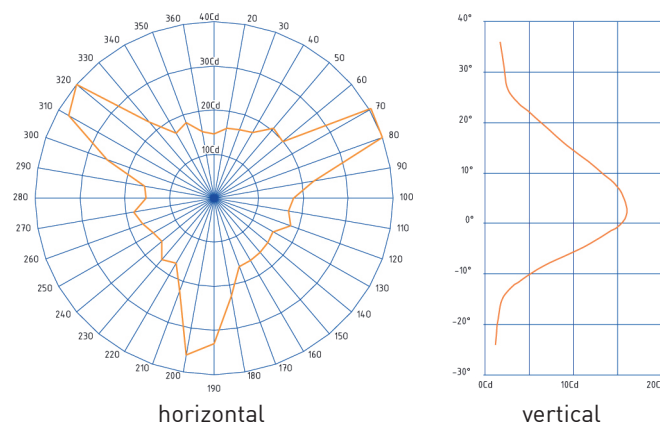
Nighttime marking of aeronautical obstacles.

Classification

Lanthan HF102 is accredited according to: ICA O Low Intensity, Type A

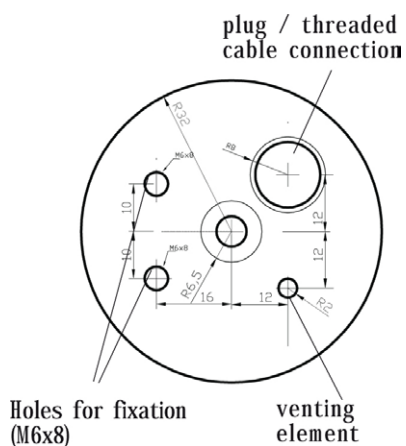
Additional optional features

- Customised fixtures
- Stand-by set via accumulator or fuel cell
- Supervision- and error transmitting systems
- Self-monitoring and redundant twilight switch MDS - 50
- Stand-alone power supply: fuel cell, photovoltaic, wind turbine

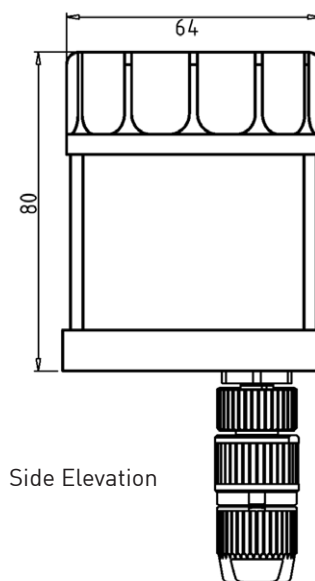


Characteristic	Description/Value
Light output	
Effective intensity	Red: ~ 10 candela
Horizontal output	360° horizontal
Nominal power	< 1.9W
Operational current	U _b = 24V 0.08A
Operational duration	Integrated, failure after 50,000 hours
Overvoltage protection	Integrated
Failure protection	Integrated, fail-safe 24 VDC (at 24V supply voltage)
Construction	
Lens material	Aluminium seawater and UV-resistant, PMMA
Dimensions	64 x 80 mm (body without plug)
Weight	300g (0.66 lbs)
Connector	Connector M12 2-4 pole, according to application 2x operating voltage 1x grounding wire 1x failure signal
Temperature range	-40 ... +55°C
Waterproof	As per IP 67 (NEMA6) with venting element
CE Approval	ICA 0, Annex 14, Type A and German Administration rule by BMVBW
Manufacturer	Lanthan

Dimensional Drawings



Plan View - seen from underneath



Last Modification: 2012-02-10