

# HF10r1

Obstacle light HF10r1

10Cd ICAO Low Intensity Obstruction Light Type A



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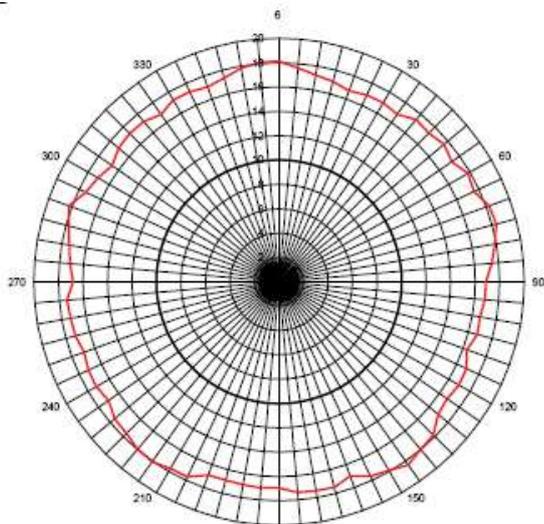


## Obstacle light HF10r1

For nighttime marking of aeronautical obstacles according to German general administration rule and ICAO (Low Intensity Type A) as well as STAC.

- >10Cd, red
- Power consumption of 6W
- Maintenance-free due to fail safe LED-technology
- Durable (>50.000h)
- Self supervisory (lifetime and failure)
- Low power consumption, ideal for emergency power use and stand-alone power solutions
- Wide range of operating voltage (13-35V DC)
- Easy installation due to M12 HARAX® connector with fast connection technology. No need of specialist tools for stripping the wire or bolting the HARAX® components.

Significant for the Lanthan Obstacle light is a compact and rugged construction as well as the self supervision. The well dimensioned heatsink guarantees a minimal degradation of light intensity over the period of 50.000h. Beyond that, the intensity of 10Cd cannot be guaranteed.



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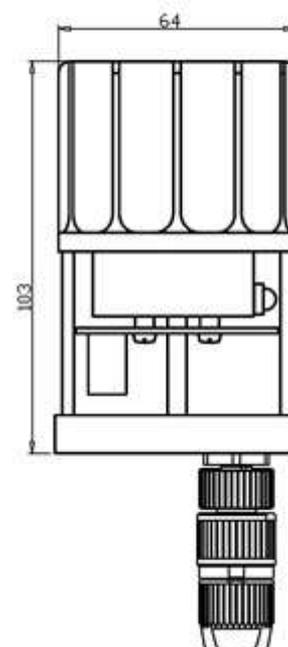


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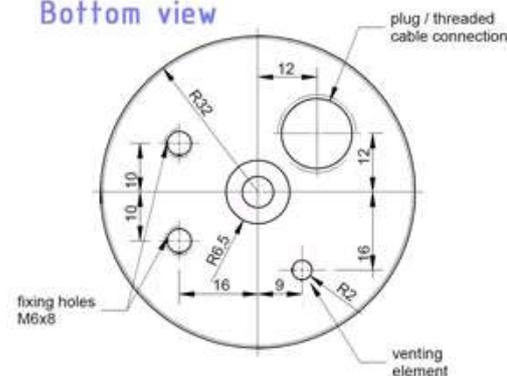
## Technical data

Operating voltage	13 to 35 V
Valid operating temperature	-40 to +55 °C
Nominal power	6W
Operational current	0,5 A at 13V 0,3 A at 24V 0,2 A at 30V
Intensity of light	>10cd red, 360° horizontal According to ICAO Annex 14 Low Intensity, Type A and to German administration rule of the BMVI as well as STAC
Lifespan	>50.000h (Failure after 50.000h)
Enclosure	Aluminum, seawater-resistant, PMMA, UV-resistant
Protection class	IP67, with venting element
Weight	400g
Dimension	D = 64 mm, h = 103 mm (body)
Surge protection	Integrated
Failure detection	Integrated, Fail-Safe 24V DC (at 24V supply voltage)
Measurement of operating duration	Integriert, failure after 50.000h
Specifications	CE certified accredited by ICAO Annex 14,1 and German administration rule of the German federal government of BMVI as well as STAC
Connector	Connector M12, 2-4pole, according to application 1x grounding wire 1x failure signal

Side view



Bottom view



## Add ons

- Fixtures on individual demand
- Stand-by set with accumulator or fuel cell
- Supervision- and error transmitting system
- Self supervisory and redundant twilight switch MDS-50
- Stand-alone power supply based on fuel cell, photovoltaics or wind turbines