



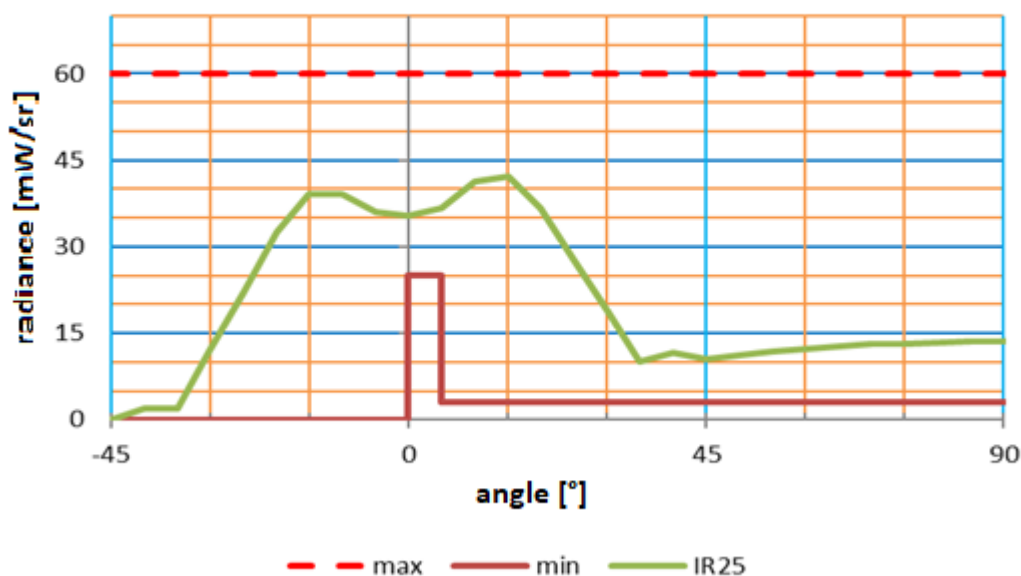
Infrared light IR25

For night marking of aviation obstacles in accordance with the German general administrative regulation of the BMVI (in accordance with the AVV dated 24.04.2020)

- Radiation strength > 25 mW/ sr infrared (wavelength $\lambda = 850$ nm)
- Maintenance-free due to fail safe LED-technology
- Durable ($t > 50.000$ h)
- GPS (for synchronized clocking)
- Twilight sensor

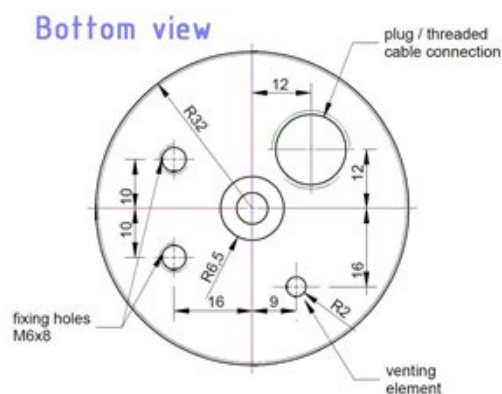
The Lanthan infrared light IR25 is characterized by its modular design and robust construction. New requirements can thus be easily accounted for by new assembly combinations. The IR25 is suitable for night vision devices according to the AVV for the identification of aviation obstacles, Annex 3 "Specification of lights for infrared identification".

**IR25
vertical beam spread**



Technical data

Voltage range	19-28 V
Ambient temperature	-25 to +55 °C
Operating current	I= 40 mA (bei U= 24 V)
Power consumption	P= 1,0 W
Clocking	1 Sec. : 0.2 sec. on / 0.8 sec. off
Service lifetime	>50.000 h
Vertical beam spread	According to specification „Infrarotfeuer“ of the BMVI
Wavelength	850 nm
Enclosure	Marine grade aluminum (AlMg3) EN AW-5754
Lens	Clear acrylic, uv-resistant
Bare weight	Ca. 360 g
Pressure consumption	Gore membrane vents
Size	d = 64 mm, h = 87 mm
Sealing	EPDM o-rings



The **Lanthan IR25** requires a DC power supply and an error message. The synchronized flashing cycle is generated via a GPS signal and an integrated twilight sensor takes care of switching on and off. The switching point is between a brightness of 50 and 150 lux (factory setting 100 lux).

If other holders than lanthan-holders are used, please watch out for the free breathing valve.