

Medium Intensity Obstruction Light



- > 20 000 cd effective intensity
- > Integrated heating system for protection against ice
- > LEDs protected against UV-light and condensation

Typical Application



Medium Intensity Obstruction Light ICAO Type A

Certified according to No. 24 of the General Administrative Regulation for identification of obstacles to aviation (AVV marking) and CE.

The light has the ability to control brightness.

A surge protector is integrated in the light (EN 61643-11:2001 in Type 2 SPD for control and light).

The electronic ballast unit compensates voltage losses due to long cable runs.

It is externally mounted in the cabinet.



Available Options::

- ✓ Steady light (ICAO Typ C)
- ✓ Twilight switch
- ✓ GPS Module for synchronization
- ✓ Body colors in RAL-colors
- ✓ Body material: stainless steel (V4A)

MECHANICAL CHARACTERISTICS LIGHT

Body	Powdercoated Aluminum, white
Operating Temperature	-40° C to + 60°C
Height	
Total	350 mm
Optics	230 mm
Diameter	330 mm
Weight	approx. 13 kg
Protection Class	IP 66
Installation	Base plate with 3 holes (8,5 mm diameter)

Impact and shock resistant, vibration proof

MECHANICAL CHARACTERISTICS JUNCTION BOX

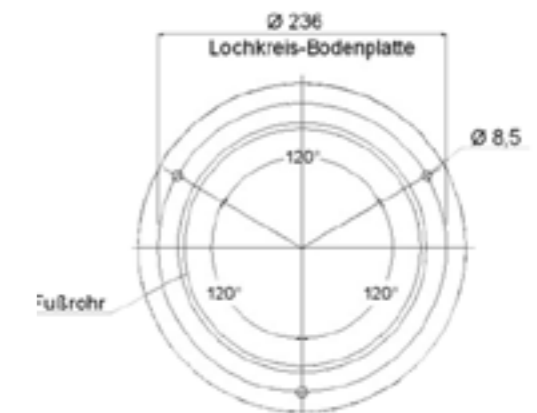
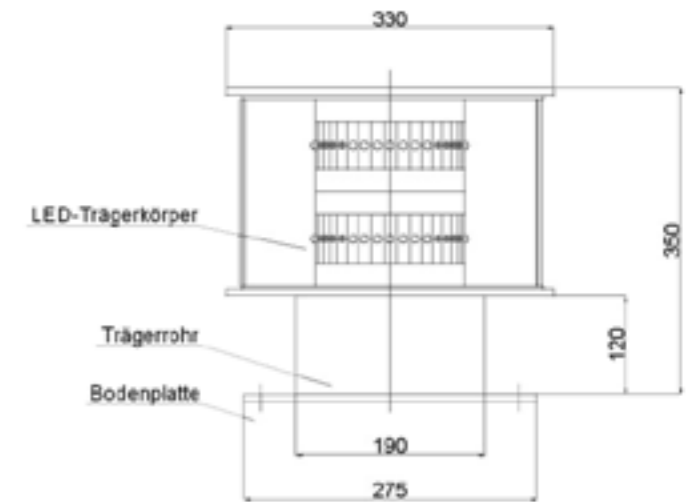
Body	AE 1050.500 - Steel
Length	500 mm
Width	500 mm
Height	210 mm
Weight	approx. 22 kg
Protection Class	IP 66

ELECTRICAL CHARACTERISTICS

Operating Voltage	◦ 100 - 240 V AC 50/60 Hz ◦ 88 - 375 V / DC ◦ 21 - 27 V / DC
Power Consumption	60 W (Average)
Connection	Screw clamps up to 2,5 mm ²
Cable Inlet	1xM16, 1xM20, 2xM25
Main Fuse	10 A

Electronic ballast unit must be mounted externally in the control cabinet, power loss is compensated for longer cable run through ballast

DIMENSIONS



OPTICAL CHARACTERISTICS

Light Source	LED
Light Color	White
Intensity	20 000 cd ± 25%
Flash Frequency [on / off]	1,0 s / 2,0 s (20 / min) 0,2 s / 0,46 s (90 / min)
Horizontal Divergence	360°
Vertical Divergence	Compliant to ICAO