

Obstruction light system Type AV-OLD-BAZL

Obstruction light system in accordance with the regulations of the Federal Office for Civil Aviation BAZL (AD I-006). For marking **flight obstacles with low intensity obstruction lights**.

In this system a red light (RD) - and an infrared light (IR) - light is installed. Thus, the system is suitable for night vision devices (NVG). The red light shines continuously, the infrared light flashes. Several systems can flash synchronously.

A potential-free switching contact can be used to signal a fault or defect in the obstruction light.



Technical Data

Casing	Lexan polycarbonate UV-resistant
Protection	IP 68
Weight	1.1kg
Source of light	LED
Temperature	-40°C to +80°C
Mounting	internal thread $\frac{3}{4}$ " gas thread, base plate hole size 50x 112mm
Intensity of light	RD 10 / 32 cd red light / permanent IR 50 - 184 $\frac{\text{mW}}{\text{sr}}$ Infrared flashing (approx. 20 impulses/ $\frac{\text{min}}$)
Color location	red light with $x = 0.684$, $y = 0.315$ Infrared = 800 - 880 nm

Execution and Accessory

External glass	Lexan polycarbonate clear
Options	adjustable by dip switch: intensity of light [cd] IR radiation intensity [$\frac{\text{mW}}{\text{sr}}$] activation / deactivation of internal twilight sensor
Accessory	base plates, tube supports, poles or brackets according to customers specifications

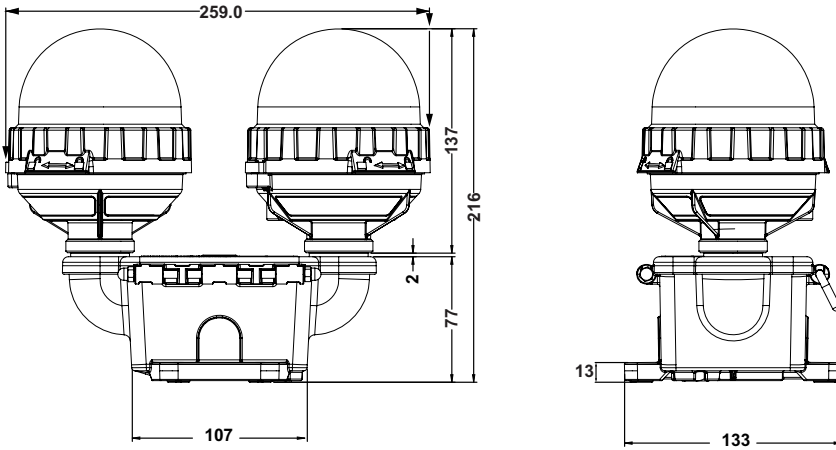
Maximum power input

	Type AV-OLD-BAZL
12 - 48V DC	175 - 384mA
110 - 240V AC	10 - 35mA

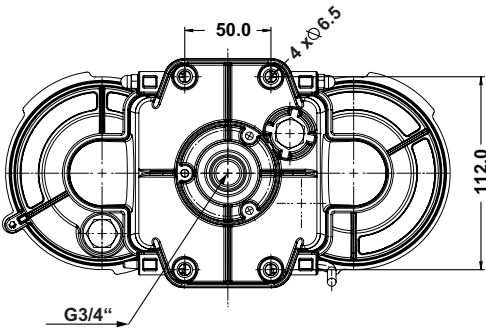
Order Information

Order number	AV-OLD-BAZL-uu
Voltage (uu)	12 12 - 48V DC UM 110 - 240V AC

Side view



Bottom view



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Signalling and alarm lights



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