

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 3/4" gas thread, base plate hole size 50x 112mm |
| Intensity of light | RD 10 / 32 cd red light / permanent IR 50 - 184 mW/sr Infrared flashing (approx. 20 impulses/min) |
| Color location | red light with $x = 0.684$, $y = 0.315$ Infrared = 800 - 880 nm |

Maximum power input

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

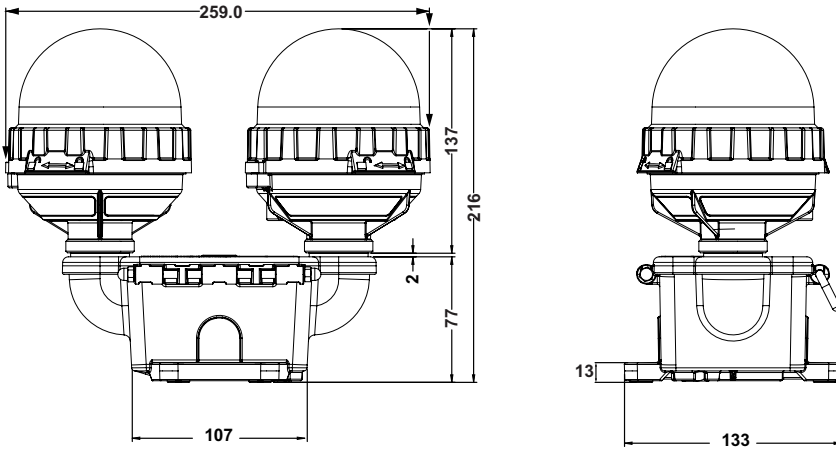
Execution and Accessory

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

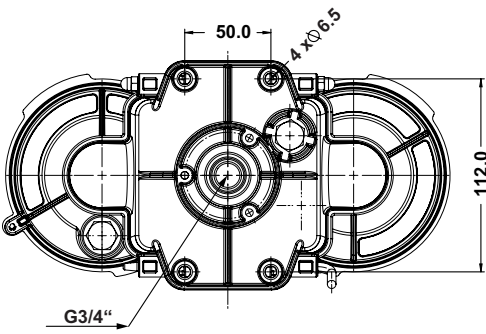
Order Information

| | |
|---------------------|--|
| Order number | AV-OL-D-S3-BAZL-UM-R (110 - 240V AC) AV-OL-ASSY-B1-12-R07IR18-GPS (12 - 48V DC) |
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Side view



Bottom view



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