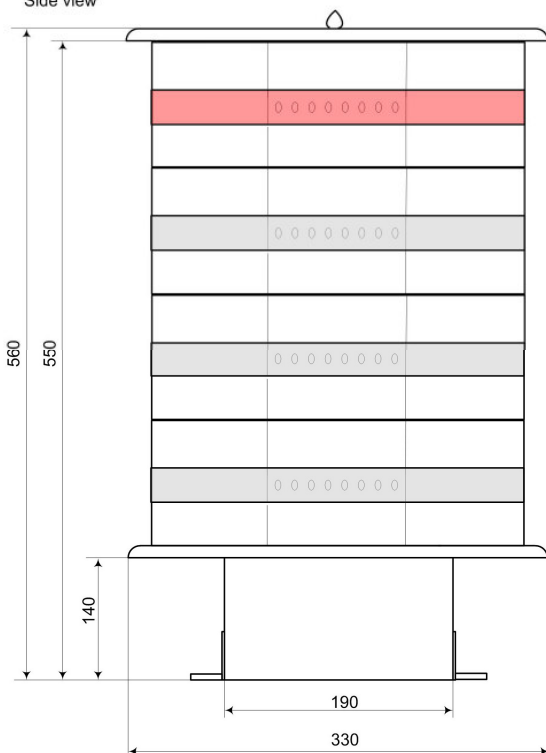


LED Medium intensity obstruction light – AOL 304-2006



Medium intensity obstruction light
AOL 303.2006 – C with 2000 cd ladder

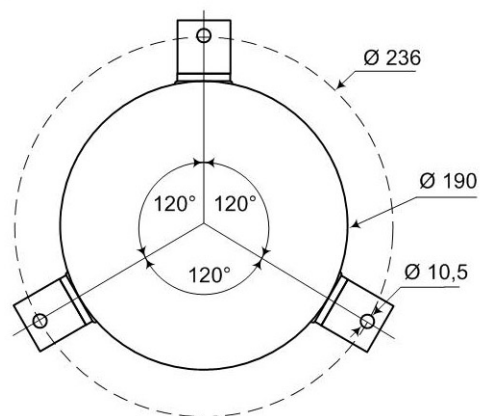
Side view



Technical data

Type	AOL 304 – 2006
Lamp	LED insert illuminating diode, white/red
Supply voltage	100-240V/AC ± 15% 24V/DC with surcharge
Power consumption	90 W constant
Luminous intensity, effective	20 000 cd white, 2 000 cd red, horizontal 360°
Average service life	> 100.000 hours
Range of temperature	From - 40 to + 80° C
Housing	cast aluminium, powder-coated, traffic-type white
Optics	Fresnel-optics
Blink frequency	1s on / 2s off, 20 thunderbolts per minute
Electrical connection	electric control cabinet with screw-cramp, 2.5 mm ²
Degree of protection	IP 67
Dimensions	see dimensioned sketch
Weight	approx. 13 kg
Mechanical stress Specification	vibration-resistant certified according to CE, meets ICAO Annex 14, table 6.3 Typ A +B approved by the German Federal Ministry for Transport according to IEC 61643-1/2005 SPD class III device protection
Surge voltage protector	SPD class III device protection
Available applications	- GPS module - controller with inputs o 10%, 30%, 100% intensity of light - integrated 2000cd red meets ICAO Typ B - integrated „fire-brigade-red“

Bottom view



weight: 13 kg

Technical explanation:

The LED runs only with one part of the amperage. Therefore we guarantee the mandatory light illumination for the period of more than 100000 operating hours.

Every LED is also equipped with a jumper, so the electric circuit won't fail.

The electronic that controls the LED is a separate module, which is assembled in the switch cabinet.

The distance of the controlling unit to the obstruction light is irrelevant, because the module regulates the way of the cable according to the voltage and electricity.

Therefore we reach a high reliability and an easy maintenance of the system. The use of screened feeding cable is inevitable to prevent lightning strokes.

In addition the obstruction light is equipped with pressure releasing elements to prevent the creation of condensed water.



This project was promoted from resources of the German Federal Land Brandenburg and the EU.