

LED Medium intensity obstruction light – AOL 303.2006 – C



Technical data

Type	AOI 303.2006 – C
Lamp	LED insert, aviation red
Supply voltage	15V/DC-30V/DC or 230V/AC with switching power supply of the manufacturer Puls GmbH z.B. Typ ML100.100
Power consumption	96 W
Luminous intensity, effective	2000 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

Electrical connection is inside the UV-consistent made of plastic, measures: 80x80x52mm, IP66, screwing terminal up to 4mm², cable entry point can be between 2-16mm (sealed)

Degree of protection IP 66

Dimensions see dimensional sketch

Weight approx. 10 kg

Mechanical stress impact-resistant and shock-proof, vibration-resistant

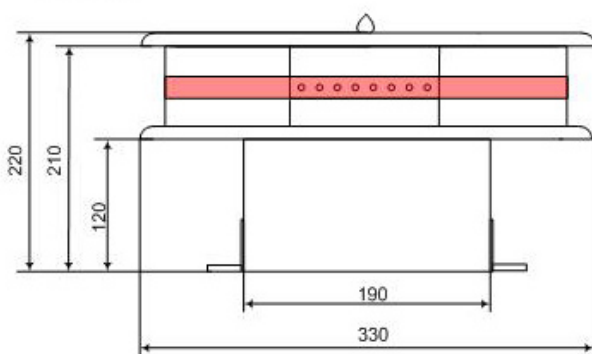
Specification certified according to CE, meets ICAO Annex 14 table 6.3 TypeC, approved by the German Federal Ministry for Transport

Surge voltage protector according to IEC 61643-1/2005 SPD class III device protection

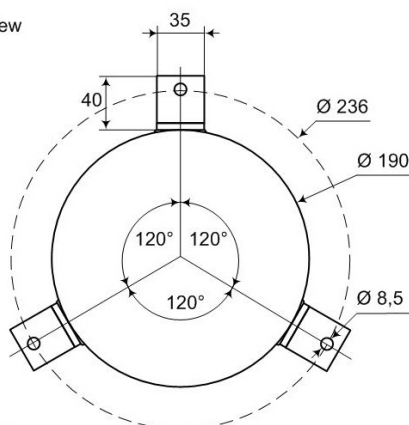
Available accessories changer
 - fault relay with potential free
 - electronic flusher with regulation of electricity and fault signalling output
 - synchronization module

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Side view

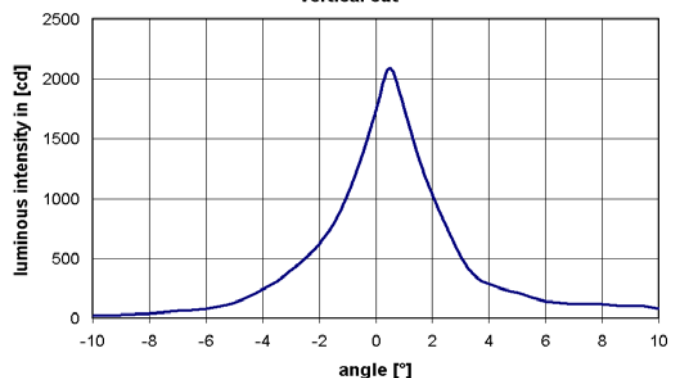


Bottom view



weight: 10 kg

luminous intensity allocation
vertical cut



Technical explanation:

The LED runs only with 50% 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 integrated in the obstruction light or it is assembled on a top hat rail in the switch cabinet.

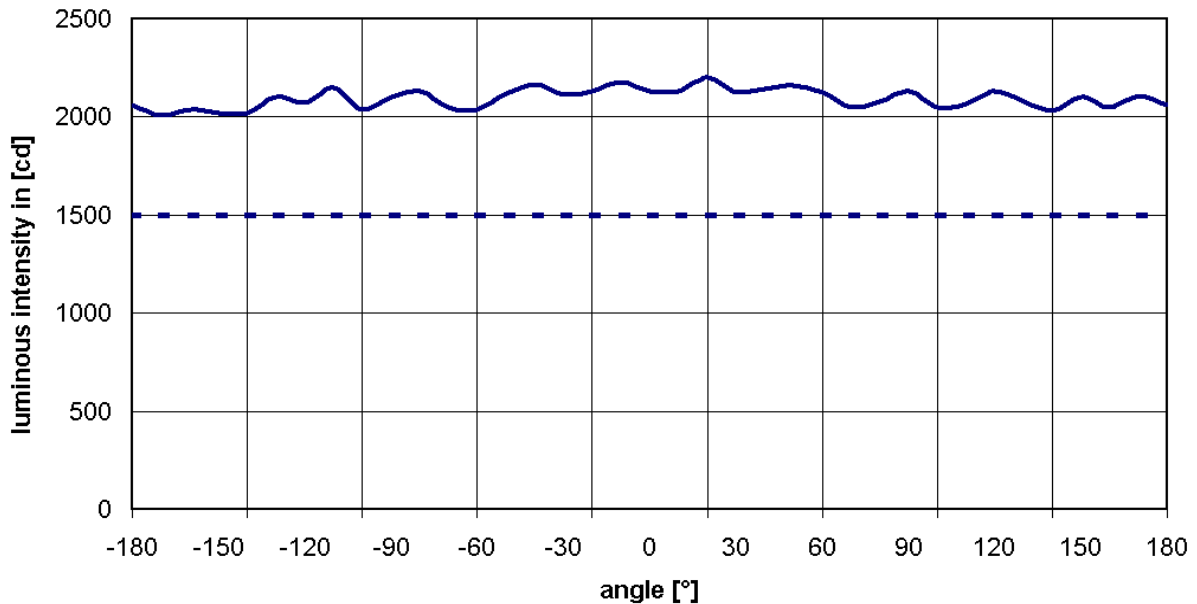
The distance of the controlling unit to the obstruction light is irrelevant, because the module regulates the way of the cable according to the voltage and electricity.

Therefore we reach a high reliability and an easy maintenance of the system because the controlling unit is in the switching cabinet, which is located on the base of the chimney/building.

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.

allocation horizontal, 0°



**luminous intensity allocation
vertical cut, -1°**

