

AERONAUTICAL LED OBSTRUCTION LIGHT TYPE W-Rot ES

DATASHEET



The light's housing is made of marine grade gun metal with an high impact resistant lens cover.

In the base a membrane is incorporated for airpressure equalization and for blocking moisture to enter the lanternhousing.

In regards to conventional aeronautical obstruction lights the advantages of this light are especially the low maintenance cost, the very low power consumption, the long life expectancy of the LED's, and the very high reliability.

The design of this aeronautical obstruction light is according to the following standards : NFL 1 97 - 107/03, Neues feuer w,rot , Technical Standard W-rot ES obstruction lighting for Windfarms.

**I.T.O. Vaarwegmarkering BV
's Gravendijkseweg 23 2201 CZ**

Noordwijk Holland

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DOC.NO: W-rot ES rev1

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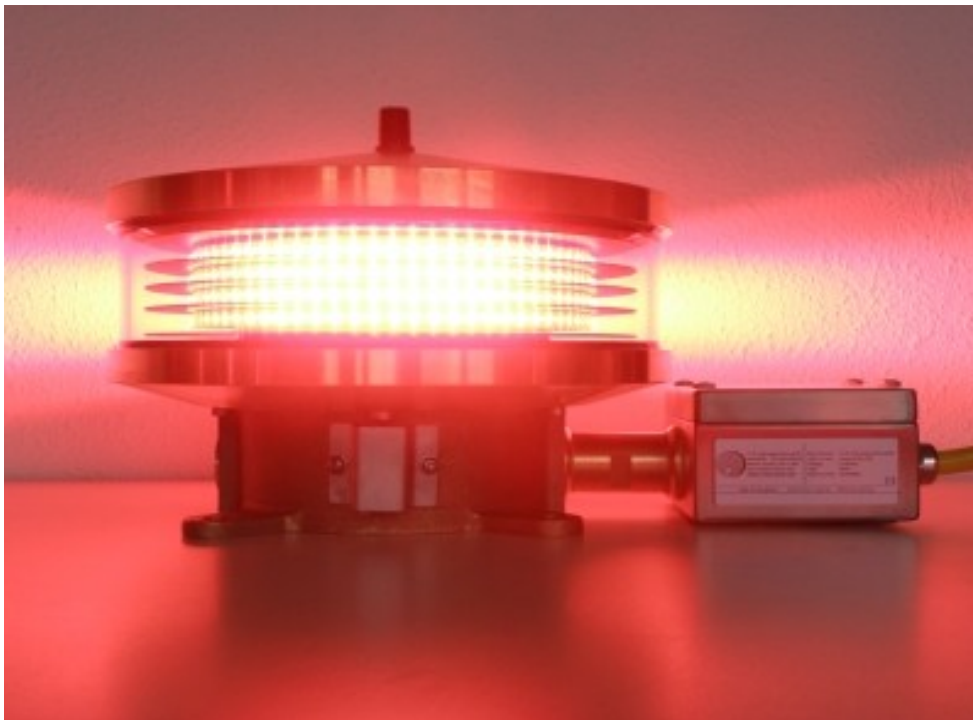
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Specifications:

Application	: Aeronautical obstruction light.
Type	: W-rot-ES.
Manufacturer	: I.T.O. Vaarwegmarkering BV.
Lens material/type	: PMMA high impact resistant .
Housing	: Marine grade gun metal.
Led type	: High intensity.
Led life expectancy	: Approx. 100.000 hours.
Colour Chromaticity	: Red within ICAO annex 14 specifications.
Connection	: Terminals max. 4 mm², external M6 earth connection.
Cable entry	: 1 cable entry PG13.5
Horizontal spread	: 360 degrees.
Vertical divergence	: 180 degrees.
Effective Intensity	: 100 Cd (170Cd peak).
Intensity setting	: User selectable 100%, 30%, 10%.
Character	: 1 sec on, 0,5 sec. Off, 1 sec. On, 1,5 sec. Off.
Power consumption	: During flash 30 watt.
Voltage range	: 20 volt - 34 volt DC.
Operating temperature	: -40/ + 40 degrees Celsius
Protectionclass	: IP66 (design).
Attachment	: 4 holes ø11 mm. on 200 mm.
Weight	: 5,7



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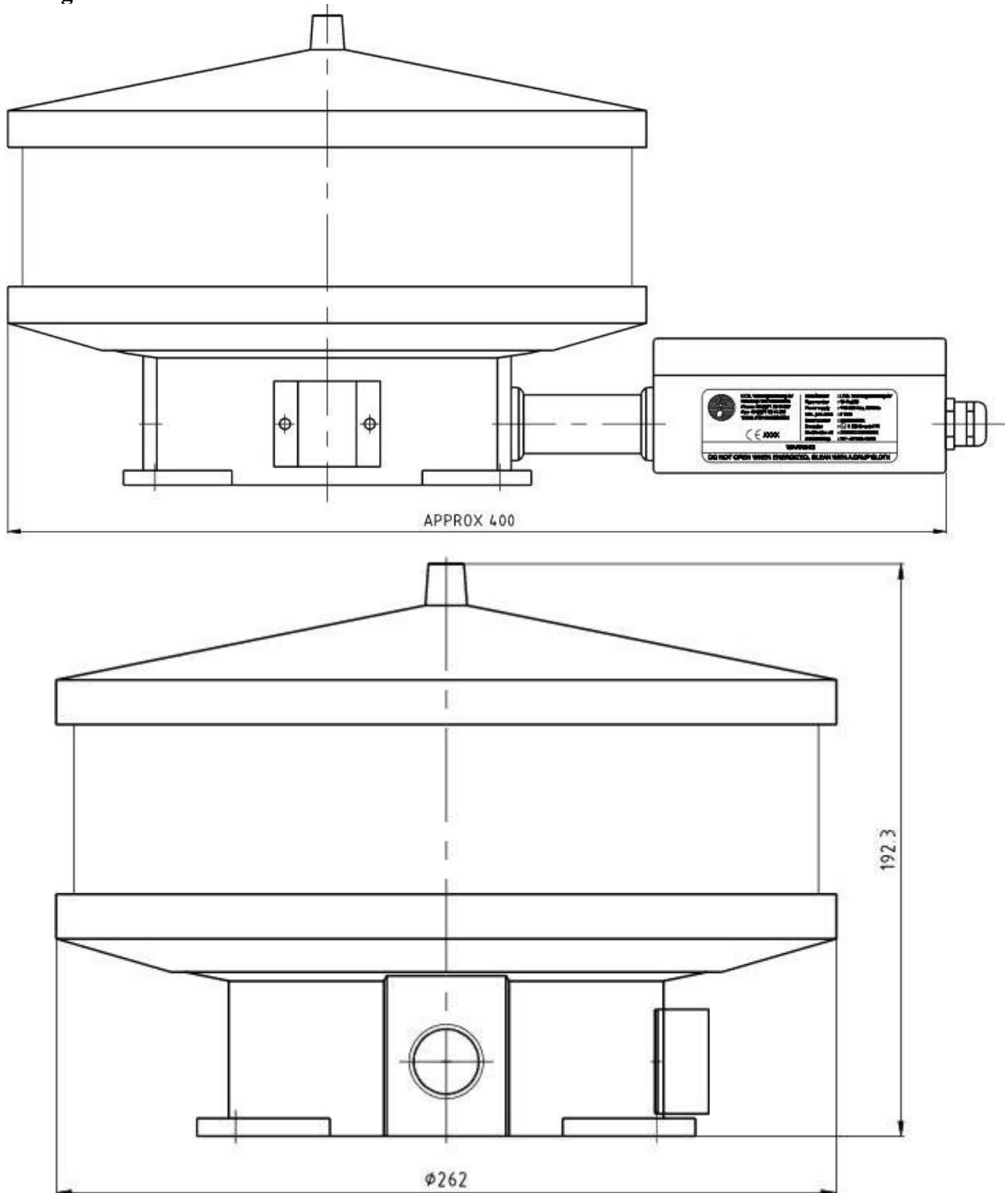
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Drawings:



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