

## ***AERONAUTICAL LED OBSTRUCTION LIGHT TYPE IOL 150***

### **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 which makes it very suitable for solar powered systems , 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 : ICAO Annex 14 Vol.I, Chapter 6 type A/B Low Intensity Obstruction light, FAA L810 regulations.**

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**Noordwijk Holland**

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### **Specifications:**

<b>Application</b>	<b>: Aeronautical obstruction light.</b>
<b>Type</b>	<b>: IOL 150.</b>
<b>Manufacturer</b>	<b>: I.T.O. Vaarwegmarkering BV.</b>
<b>Lens material/type</b>	<b>: Polycarbonate high impact resistant</b>
<b>Housing</b>	<b>: Marine grade gun metal.</b>
<b>Led type</b>	<b>: High intensity.</b>
<b>Led life expectancy</b>	<b>: Approx. 100.000 hours.</b>
<b>Colour Chromaticity</b>	<b>: Red within ICAO specifications.</b>
<b>Connection</b>	<b>: Ex e terminals max. 4 mm<sup>2</sup>, external, internal M6 earth connection.</b>
<b>Cable entry</b>	<b>: 2 cable entries M25x1,5.</b>
<b>Horizontal spread</b>	<b>: 360 degrees.</b>
<b>Vertical divergence</b>	<b>: 180 degrees.</b>
<b>Effective Intensity</b>	<b>: 32 candela.</b>
<b>Character</b>	<b>: Fixed light.</b>
<b>Power consumption</b>	<b>: Max 10 watt.</b>
<b>Voltage range</b>	<b>: 110 – 250 VAC 50/60 Hz., option 12 volt - 34 volt DC.</b>
<b>Operating temperature</b>	<b>: -40° + 40 degrees Celsius</b>
<b>Protection class</b>	<b>: IP66 (design).</b>
<b>Attachment</b>	<b>: 4 holes ø11 mm. on 200 mm.</b>
<b>Weight</b>	<b>: 5,7 kg.</b>



Photo: Lukas Tavoras

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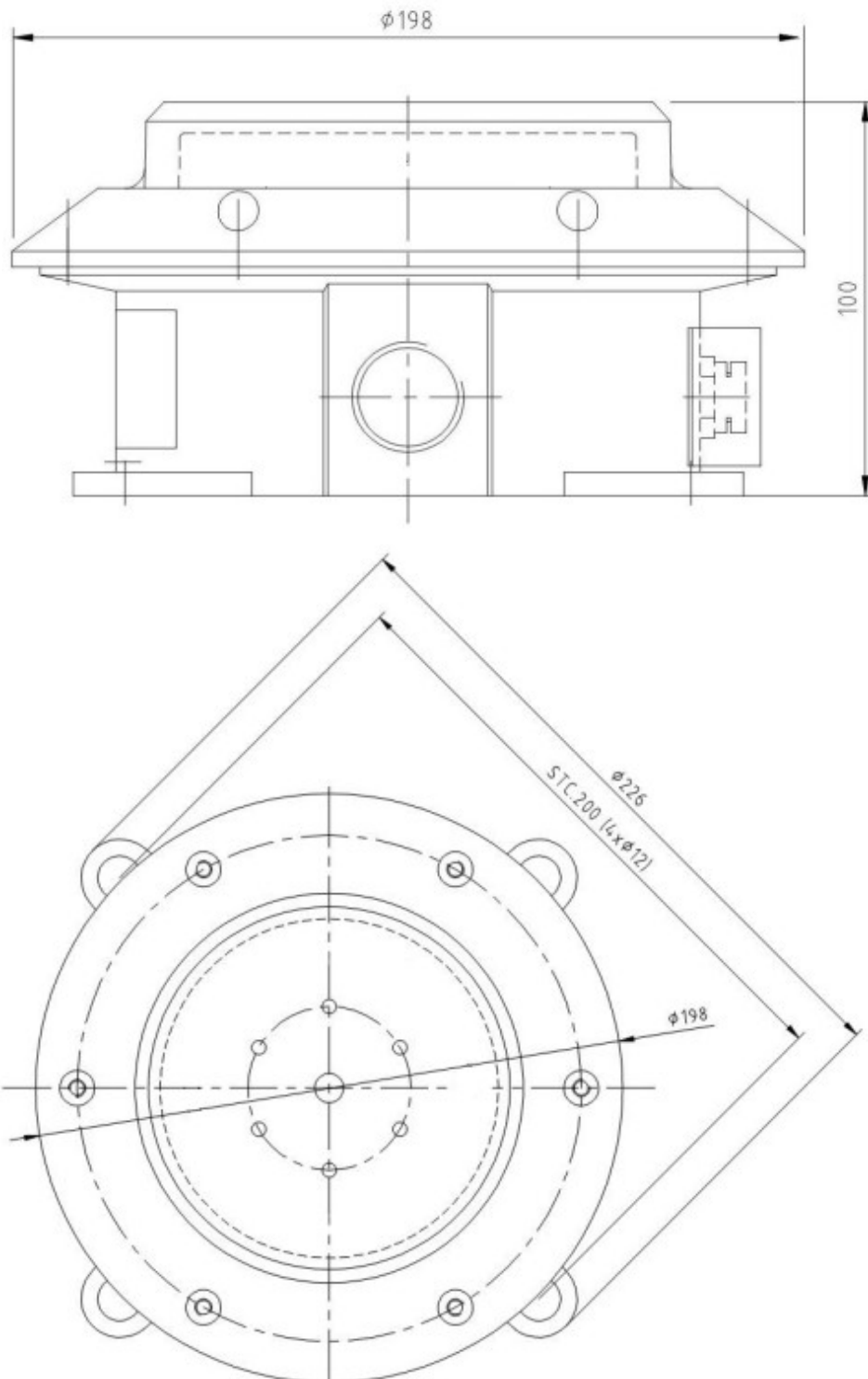
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### Drawings:



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