

# **GREEN LED HELIDECK PERIMETER LIGHT IHP 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 lights the advantages of this light are especially the low maintenance cost, the very low power consumption which makes it suitable for solar powered systems , the long life expectancy of the LED's, and the very high reliability.**

**The design of this perimeter light is according to the following standards :**

**ICAO annex 14, volume II paragraph 5.3.8.**

**CAA-UK CAP 4.3.7, Offshore helicopter landing areas, guidance on standard, December 2008 chapter 4, paragraph 3.**

**IMO standard (International Maritime Organisation), MODU code 2001 paragraph 13.4.1, ATEX II 2G Ex e mb IIC T4 (zone 1).**

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**DOC.NO: IHP150 rev3**



## **GREEN LED HELIDECK PERIMETER LIGHT TYPE IHP 150**

### **Specifications:**

<b>Application</b>	<b>: Helideck perimeter light.</b>
<b>Type</b>	<b>: IHP 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>: Green within ICAO specifications.</b>
<b>Connection</b>	<b>: 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>: According: CAP437.</b>
<b>Effective Intensity</b>	<b>: Main beam 30 candela (max 60 candela).</b>
<b>Power consumption</b>	<b>: 7 watt.</b>
<b>Voltage range</b>	<b>: 110 – 250 VAC 50/60 Hz.</b>
<b>Operating temperature</b>	<b>: -40° + 40 degrees Celsius</b>
<b>Protection class</b>	<b>: IP66.</b>
<b>Attachment</b>	<b>: 4 holes ø11 mm. on 200 mm.</b>
<b>Weight</b>	<b>: 5,7 kg.</b>



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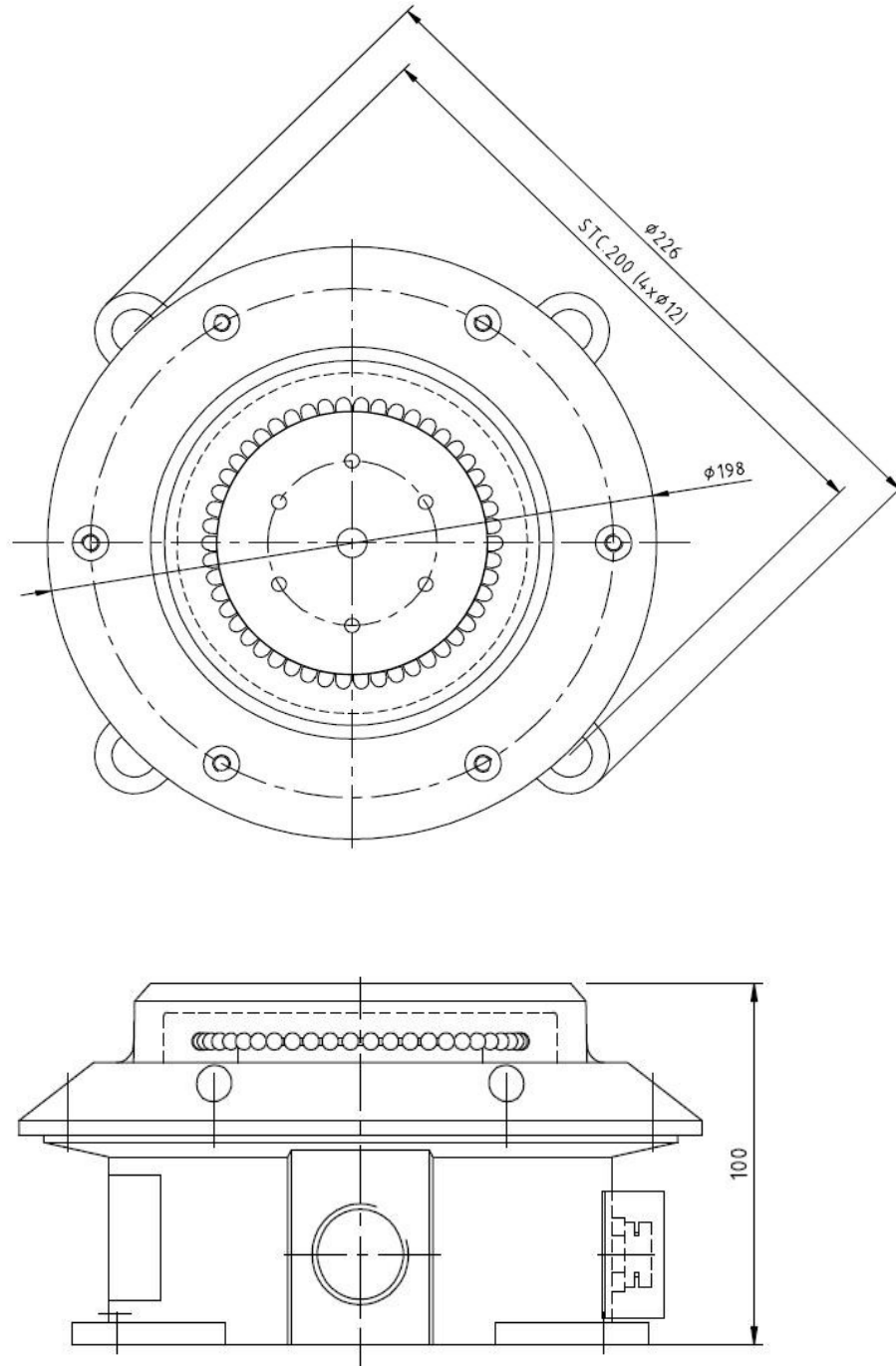
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Drawings:



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