

3 Mile LED beacon type IML85 AL LED



The signal lantern **IML 85 AL LED** is a compact marine navigation lantern with a intensity of more than 20 candela.

The lightsource is a single LED of high intensity and depending on which visibility is needed the light output can be programmed by means of a infrared remote control.

Total vertical divergence is more than 11 degrees at 10% of the intensity at 10.

The signal lantern base is made of marine grade aluminum painted with two layers of high impact epoxy coating, the color is the same as the emitted light.

In the lantern a membrane is incorporated for airpressure equalization and for blocking moisture to enter the lantern housing.

The applied flasher has a: charge regulator function, sync option and infrared remote control for setting the led current, character setting (221 preprogrammed IALA flash codes), daylight sensor setpoints. Electrical parameters as led current setpoint, battery voltage, and day/night switching point among others can be read. The marine lantern is reverse polarity protected.

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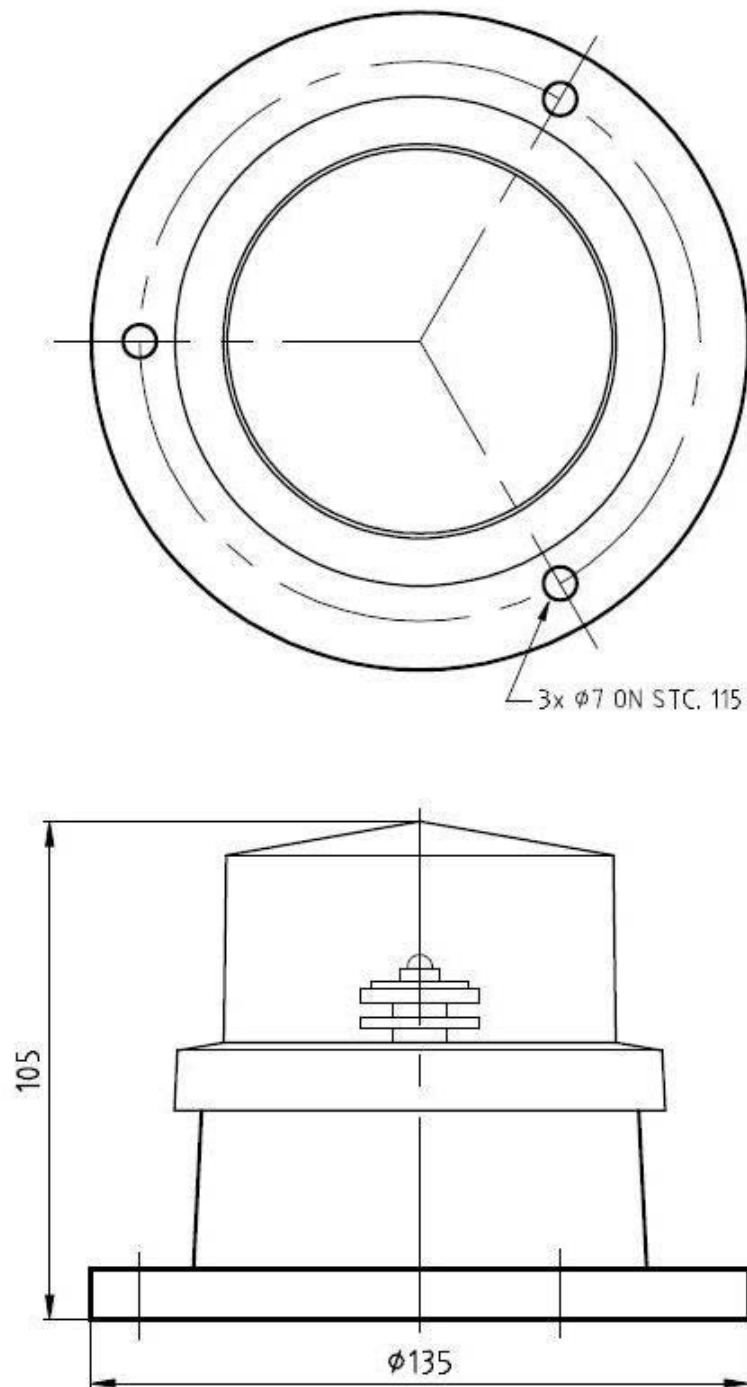
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The advantages of this marine light are especially the large vertical divergence, the intensity of the emitted light in regard to the power consumption, the long life expectancy of the LED and the very high reliability and small dimensions.

Application	: Buoys, beacons.
Type	: IML 85AL LED.
Make	: I.T.O. Vaarwegmarkering BV.
Lens material/type	: Polycarbonate U.V. stabilized.
Lantern housing	: Aluminium ALMG3.
Surface treatment	: 2 layer polyester powder coating system.
Led type	: High intensity, red, green, yellow, white.
Life expectancy	: 100.000 hour
Flasher	: Fully programmable.
Connection	: 3 meter cable 3x 0.75mm standard.
Daylight sensor	: Internally placed
Remote control	: Infrared.
Horizontal spread	: 360 degrees.
Vertical divergence	: 11 degrees at 10% of I0.
Intensity	: Depending on color, max 30 candela.
Range	: More than 3 nautical mile.
Voltage range	: 8 volt - 30 volt DC, 230volts AC option.
Protection class	: IP66.
Mounting	: 3 holes 7 mm on 115 mm pitch circle.
Weight	: 1,4 kg.

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Drawings:



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