

LOW INTENSITY LED-OBSTRUCTION / AVIATION LIGHT

WHITE 100cd

The LED - obstruction lights are deployed worldwide on tall structures such as high-rise buildings, towers, and bridges to enhance visibility for passing aircraft. Our Low intensity LED - Obstruction Light is in full compliance with ICAO standards.



Key Features

- Microprocessor software controlled light
- Smart light with temperature sensors and voltage sensors to monitor the light
- Breather valve to avoid condensation
- Developed using extensive industry experience for harsh outdoor conditions
- Compact, lightweight body designed for quick installation
- Aerodynamic profile ensures minimal wind resistance
- Maintenance-free design throughout operational lifespan
- Precision optical system provides uniform light distribution
- Ultra-efficient LEDs for low energy consumption
- Long-life driver technology designed to match LED life cycle
- Proudly engineered and assembled in the UAE

Electrical Characteristics

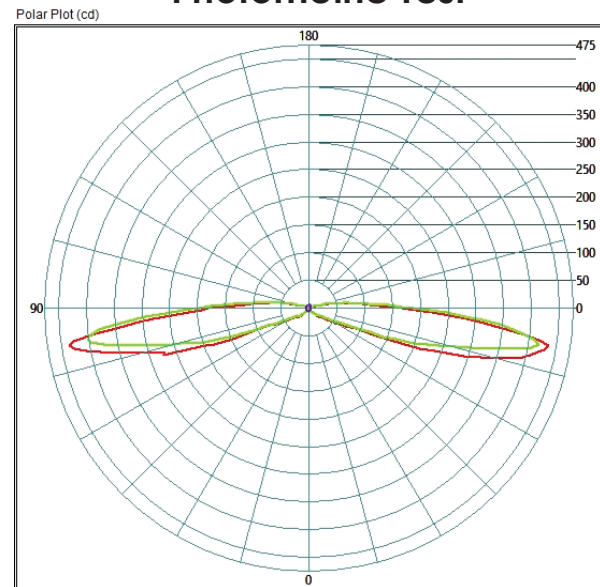
- Various Input voltage options
- Low Power Consumption
- High efficiency driver with stable performance across voltage range

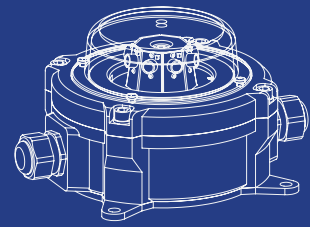
Physical Characteristics

- Compact dimensions – designed for ease of mounting (see mechanical drawings per model)
- Light Weight
- Ingress protection: IP66 for outdoor durability
- High operating temperature range
- Rugged design suitable for long-term outdoor exposure



Photometric Test

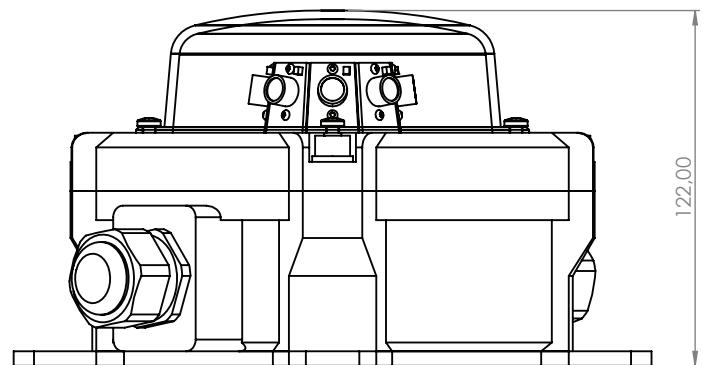
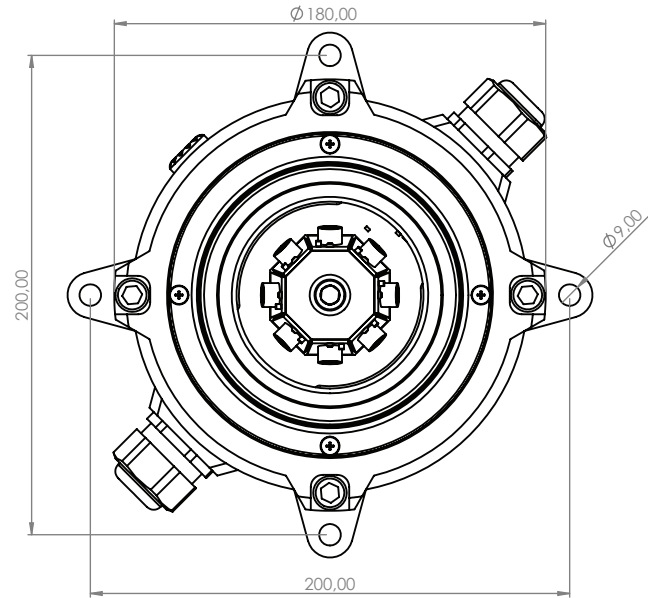




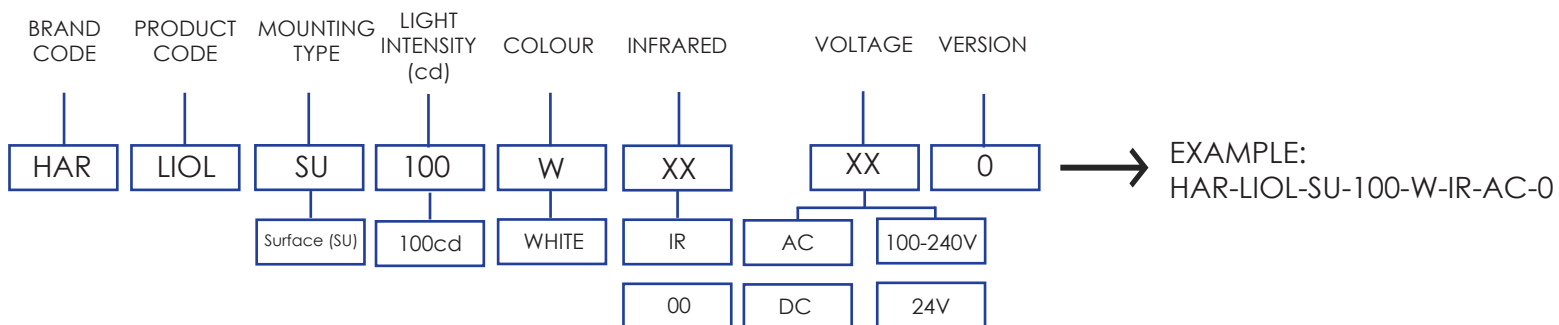
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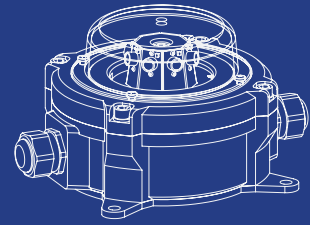
WHITE 100cd

Application:	Obstruction Lighting
Classification:	Safe Area only
Light Source:	LED, steady burning
Colour	WHITE
Light Intensity:	100cd
Vertical Beam Profile:	as per CAP437/ICAO
Colour chromaticity:	as per CAP437/ICAO
Enclosure:	Marine Grade Aluminium, Powder coated
Mounting:	Rigid, 4x M8
Input Voltage:	AC – 85V to 264V. DC – 10V to 26V
External Earthing:	up to 4mm ²
Ambient Temp:	-25° to +60°C
In Compliance With	CAP437/ ICAO, Annex 14, Type B FAA L-810
Cable glands	2 x M25x1.5
Cable Outer Dimension:	11,1 - 20,0 mm
Consumption without IR:	12 W att
Consumption with IR:	14 W att
Life expectancy:	100,000+ hours
IP index:	IP 66
Salt Spray Tested	240 hours
Weight:	2.20 kg.
Dimensions:	180x180x122 mm (LxW xH)
Packaging dimension:	250x250x300 mm (LxW xH)



ORDERING INFORMATION





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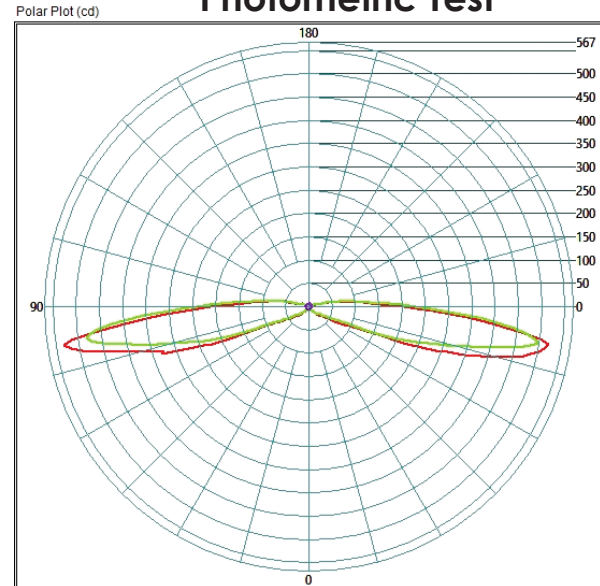
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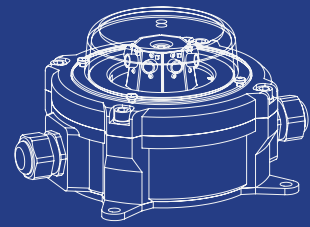
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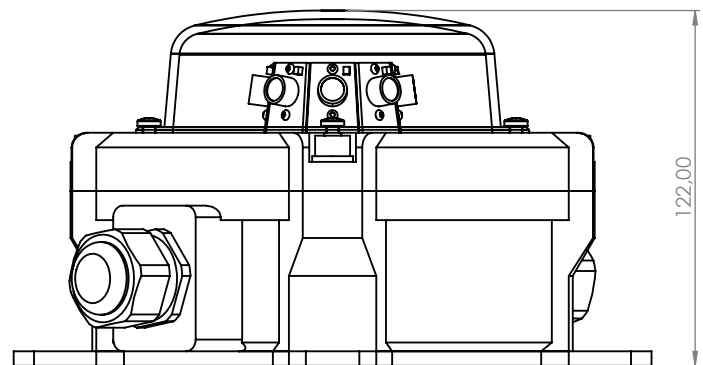
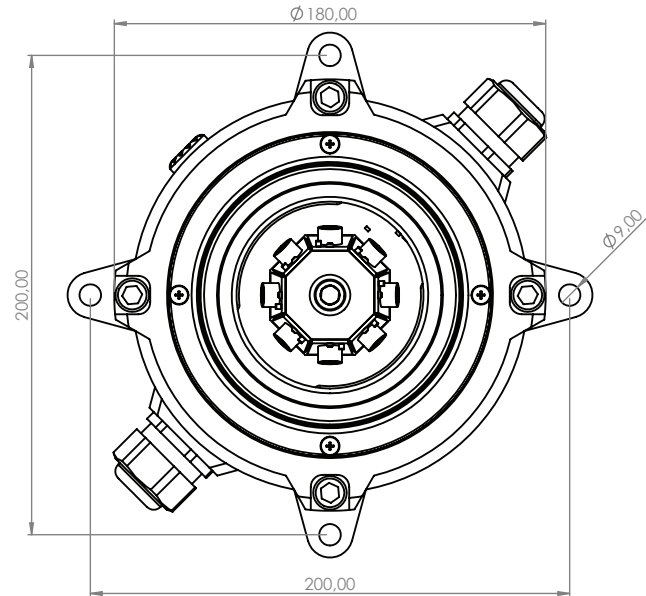




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