L550-HHS + SRO + IR

Helicopter Hoist Status &/or Search and Rescue light

The L550-HHS/SRO lights combines the helicopter hoist light (HHS) and the Search and Rescue Operations light (SRO) in one fixture. A separate HHS or SRO light is also available. The light for helicopter hoist operation is a green status light, which is flashing or steady burning to indicate the hoist status. The SRO is a steady burning red light to indicate target turbines in emergency cases. The lights incorporate the benefits of advanced LED, optical and system control technologies to meet the most demanding applications.

KEY FEATURES

- Five year warranty
- Housing based on 30 years of experience offshore product design experience
- Lightweight and easy to install
- Extremely low wind factor
- Integrated design with built-in photocell and monitoring – no additional power supply enclosures required
- No maintenance required over service life
- Orga optical design produces highly accurate and uniform light beam
- Extremely low power consumption
- 15 year field proven power supply technology
- Long life power supply to match LED life, does not use electrolytic capacitors
- Made in the Netherlands

STANDARDS/CERTIFICATION

- Complies with CAA-UK CAP 437; Offshore helicopter landing areas – Guidance on standards, Dec. 2016, Appendix J – Helicopter hoist light
- Complies with Maritime Coastguard Agency – OREI SAR Requirements v2.0

PERFORMANCE CHARACTERISTICS

- Horizontal beam pattern: 360°
- Steady and flashing mode available according to hoist operation
- Effective intensity: According to CAP437 Helicopter hoist light, or Search and Rescue light
- Vertical beam pattern: according to CAP437 Helicopter hoist light, or search and rescue light
- Infra-Red wavelength ~850 nm
- Infra-Red vertical beam pattern: according to MCA requirements

ELECTRICAL CHARACTERISTICS

- Operating voltage: 120-240Vac
- Power consumption: see table

PHYSICAL CHARACTERISTICS

- Dimensions: L x W x H: see drawing
- Weight: 12kg
- Design degree of protection: IP65
- Operating temperature range: -40°C/+55°C
- Shipping information: 550 x 550 x 400 mm; approx. 16kg
- Supplied with pre-mounted Orga cable for easy installation and high reliability
- Cable bending radius = 120mm
- Outer cable diameter ø14.5 +/- 0.5mm
- Level indicators for correct mounting

SYSTEM DESIGN, CONTROL AND MONITORING

- Use with an Orga CIP controller

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L550-HHS + SRO + IR

Helicopter Hoist Status &/or Search and Rescue light

Product	Additional information			
Type	Power consumption (W) @ 20°C			Standard
	Off	Day	Night	
HHS flashing mode	6	23	7	CAP437
HHS steady mode	6	23	7	CAP437
SRO mode	6	53	53	MCA
SRO-IR mode	6	57	57	MCA

Type	HHS mode	SRO mode
L550-HHS	V	
L550-SRO		V
L550-SRO-IR		V
L550-HHS/SRO	V	V

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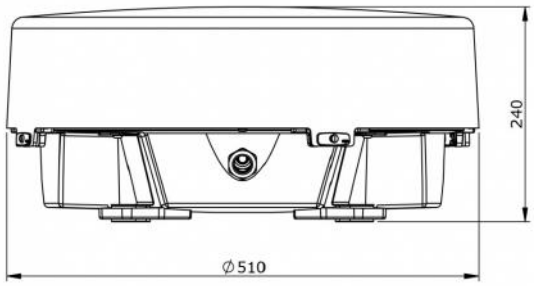
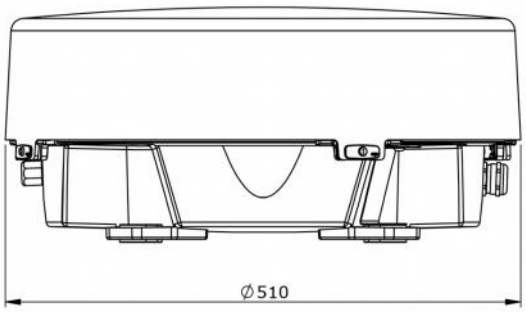
L550-HHS + SRO + IR

Helicopter Hoist Status &/or Search and Rescue light

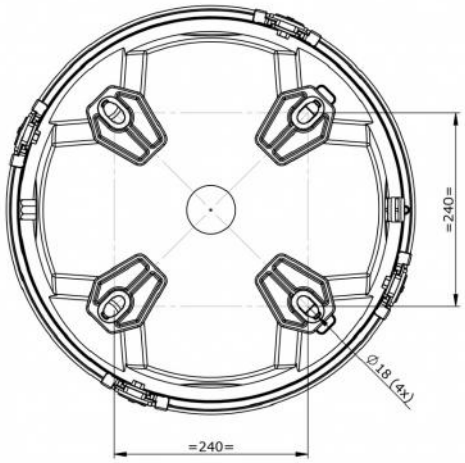
FRONT VIEW



LEFT VIEW



BOTTOM VIEW



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