

# 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 static: 7x cable diameter
- Outer cable diameter: Ø12.5 +/- 0.5 mm
- Cable weight: 260 g/m
- Level indicators for correct mounting

### SYSTEM DESIGN, CONTROL AND MONITORING

- Use with an Orga CIP controller



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| Product           | Additional information       |     |       | Standard |
|-------------------|------------------------------|-----|-------|----------|
|                   | Power consumption (W) @ 20°C |     |       |          |
| Type              | 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      |

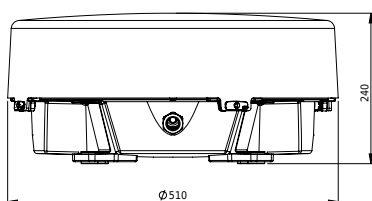
| Type         | HHS mode | SRO mode |
|--------------|----------|----------|
| L550-HHS     | V        |          |
| L550-SRO     |          | V        |
| L550-SRO-IR  |          | V        |
| L550-HHS/SRO | V        | V        |



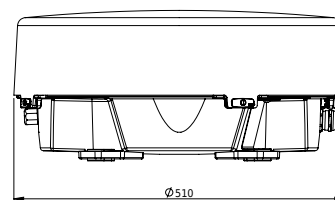
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FRONT VIEW



LEFT VIEW



BOTTOM VIEW

