# orga

# L550-XXX- HHS/SRO + INFRARED SE

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 IR light is also available. This light is optimized for use in Offshore environments. 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 + infrared light to indicate target turbines in emergency cases. The lights incorporates the benefits of advanced LED, optical and system control technologies to meet the most demanding applications.



- Designed for optimal corrosion resistance in offshore environments due to usage of best-in-class aluminium with "Excellent Resistance to Corrosion" classification and offshore proven coating system
- Optimised housing design minimizing the risk of coating damage during handling and installation
- Stainless steel mounting feet eliminating galvanic corrosion between feet and structure
- No maintenance required over service life.
- Orga optical design produces highly accurate and uniform narrow light beam
- Integrated design with build-in photocell and monitoring – no additional power supply enclosure needed.
- Integrated GPS based flash synchronization between lights, UTC 0.0.0.
- Low power consumption
- 15 year field proven power supply technology
- Made in the Netherlands

#### STANDARDS/CERTIFICATION

- Certified to CAA-UK CAP 437; Offshore helicopter landing areas – Guidance on standards, Feb. 2023, Appendix J – Helicopter hoist light
- Complies with Maritime Coastguard Agency
  OREI SAR Requirements v3.0 Nov. 2021

#### 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 nominal 50-60Hz
- Power consumption: See table
- Overvoltage protection: Class III according to IEC61643-1



#### PHYSICAL CHARACTERISTICS

- Dimensions: L x W x H: see drawing
- Weight: 16kg
- Design degree of protection: IP65
- Operating temperature range:
- -40°C/+55°C
- Shipping information: 550 x 550 x 400 mm; approx. 20kg
- Supplied with pre-mounted Orga cable for easy installation and high reliability
- Cable bending radius static: 10x 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



info@orga.nl P.O. Box 3046 T +31 (0)10 208 55 55 3101 EA SCHIEDAM F +31 (0)10 437 8445 The Netherlands Orga BV Strickledeweg 13 3125AT Schiedam The Netherlands

Page 1 of 3



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Product	Additional information			
Туре	Power consumption (W) @ 20°C			Standard
	Off	Day	Night	
HHS flashing mode	6	23	7	CAP437
HHS steady mode	6	23	7	CAP437
SRO-IR mode	6	56	56	MCA

Туре	HHS mode	SRO mode
L550-HHS-SE	V	
L550-HHS/SRO-IR-SE	V	V
L550-SRO-IR-SE		V

Page 2 of 3

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info@orga.nl T +31 (0)10 208 55 55 3101 EA SCHIEDAM F +31 (0)10 437 8445 The Netherlands

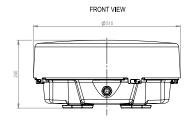
P.O. Box 3046

Orga BV Strickledeweg 13 3125AT Schiedam The Netherlands

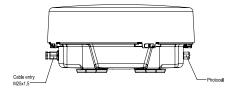


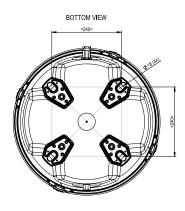
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Page 3 of 3

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