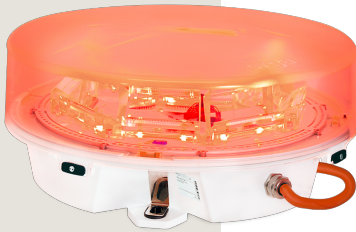


# L550-xxx-Red

Medium intensity red LED obstruction light

**Red flashing Obstruction light for day and night time marking of structures that present a hazard to aviation. Red flashing / steady in night mode. Incorporates the benefits of advanced LED, optical and system control technologies to meet the most demanding applications.**



## Key features

- Five year warranty
- 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 narrow light beam
- Optional Integrated automatic flash synchronisation between lights
- Extremely low power consumption
- Constant power draw – eliminates high peak power demands especially important when running from UPS
- 15 year field proven power supply technology
- Long life power supply to match LED life, does not use electrolytic capacitors

## Standards/Certification

- Complies with ICAO Annex 14 Volume 1, Sixth Edition, July 2013, Chapter 6, Medium Intensity B / Type C obstacle light
- Complies with United States Federal Aviation Administration AC150/5345-43F, December 2006, including Engineering Brief 67
- Various national approvals available upon request

## Performance characteristics

- Horizontal beam pattern: 360°
- Intensity steps: 30% and 10%
- Flashing: see table
- Effective intensity: see table
- Vertical beam pattern: 3° minimum

## Electrical characteristics

- Operating voltage: 120-240Vac nominal 50-60Hz
- Power factor: >0.9 in day intensity mode
- Power consumption: see table
- Overvoltage protection: Class III according to IEC61643-1

## 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: 600 x 600 x 500 mm; 16kg
- Supplied with pre-mounted Orga cable for easy installation and high reliability
- Cable bending radius = 8ø
- Outer cable diameter ø14.5 + 0.5mm

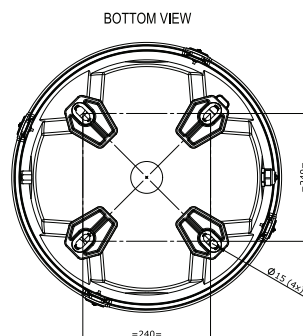
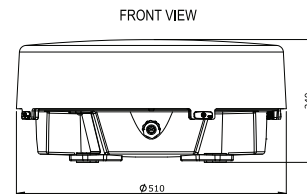
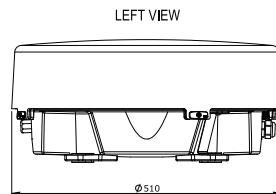
## System design, control and monitoring

- Housing based on 30 years of experience offshore product design experience
- Use as a stand-alone light, or in a multiple light system with an Orga CIP controller
- Optional Orga CIP controller facilities provides control interfaces for:
  - “smart switch” aircraft detection input
  - visibility condition variable intensity input
  - remote photocell control input/override
  - Level indicators for correct mounting

# L550-xxx-Red

Medium intensity red LED obstruction light

Product		Additional information						
Type	Incl. GPS	Flashes per minute			Power consumption (W) @ 20 °C			Standard
		Day	Tw	Night	Day	Tw	Night	
L550-63B	(-G)	-	-	2.000cd 20fpm red	6W	6W	18W	ICAO
L550-63C		-	-	2.000cd Steady red	6W	6W	29W	ICAO
L550-63B-IR	(-G)	-	-	2.000cd red 20fpm 20fpm IR	6W	6W	19W	ICAO
L550-63B-ISA	(-G)	-	2.000cd red 20fpm	200cd red 20fpm	6W	18W	7W	ICAO/ Swedish
L550-63B-ISB	(-G)	2.000cd 20fpm red	2.000cd 20fpm red	200cd 20fpm red	18W	18W	7W	ICAO/ Swedish
L550-864	(-G)	-	2.000cd 30fpm red	2.000cd 20fpm red	6W	17W	17W	FAA, AC150C
L550-864-30	(-G)	-	2.000cd 30fpm red	2.000cd 30fpm red	6W	17W	17W	FAA, AC150C
L550-864-30-54	(-G)	-	2.000cd 30fpm red	2.000cd 30fpm red	6W	17W	17W	FAA, AC150C, Photocell settings
L550-63Ca		2.000cd Steady red	2.000cd Steady red	2.000cd Steady red	29W	29W	29W	ICAO/ Swedish



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