

White, red or white-red flashing obstruction light for reliable day and night time marking of structures that present a hazard to aviation. Incorporates the benefits of advanced xenon strobe and system control technology to meet the challenges of the most demanding applications.



Key features

- White, Red and Dual versions available
- Stand alone design with integrated photocell, power supply, flasher and monitoring
- Optional external automatic flash synchronisation between lights
- Optional Sequential flash mode for power line catenary crossing systems
- Optional variable intensity control facility
- Simple cable connection for easy installation
- Two year warranty
- Low cost of ownership
- Lightweight

Standards/Certification

- Complies with ICAO Annex 14, Volume 1; International standards and recommended practices: Aerodrome design and operations, 4th Edition, July 2004, chapter 6.3 Medium Intensity Type A (white) and Type B (red) obstacle light depending on model.
- Certified to United States Federal Aviation Administration AC 150/5345-43F; Specification for obstruction lighting equipment, December 2006, Type L-865 and Type L-866 (white), Type L-864, and Type L-885 (red).
- Various national approvals

Performance characteristics

- Flashing 20/40/60 fpm; white and/or red (operating modes depending on model)
- Effective intensity: ICAO type 20,000cd / 2,000cd nominal depending on model
- Effective intensity: FAA type 20,000cd / 2,000cd nominal depending on model
- Horizontal beam coverage: 360°
- Vertical beam profile: 3° minimum

Electrical characteristics

- Operating voltage: 100-254 Vac nominal; 50-60Hz
- Low power consumption: see table
- Long life proprietary capacitor technology
- Connection details: supplied with a combined power (3x2.5mm²) and control shielded connection cable
- Overvoltage protection: class III according to IEC61643-1

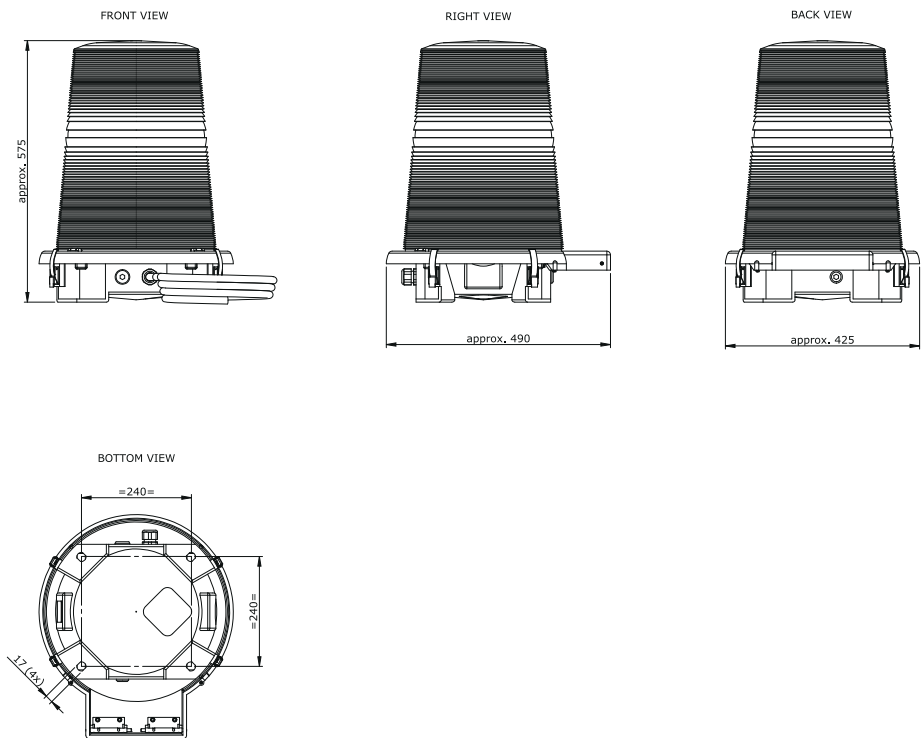
Physical characteristics

- Dimensions (L x W x H): 425 x 490 x 570mm nominal
- Weight: 13kg nominal
- Design degree of protection: IP65
- Operating temperature range: -55°C to +55°C

System design, control and monitoring

- Orga Fresnel lens optical design
- Orga STIX ignition technology to prolong xenon strobe flashtube service life
- Safety disconnect of power and capacitor discharge when opened
- Visible status indicators
- Automatic alarm feature if 3 consecutive flashes missed
- Use as a stand alone light or in system with multiple lights and Orga CIP100 or CIP200 type controllers
- UV stabilised polymeric housing
- Level indicators for correct mounting

Product Type	Additional information						comment
	flashes per minute			Ave power consumption (W) @ 20 °C			
	Day	Twilight	Night	Day	Twilight	Night	
L303-865	40 white	40 white	40 white	90	90	35	ICAO Type A FAA Type L-865
L303-865d	40 white	40 white	off	90	90	12	ICAO Type A FAA Type L-865
L303-866	60 white	60 white	60 white	135	135	50	FAA Type L-866
L303-864	off	20 red	20 red	12	50	50	ICAO Type B FAA Type L-864
L303-864a	20 red	20 red	20 red	50	50	50	ICAO Type B FAA Type L-864
L303-885	off	60 red	60 red	12	110	110	FAA Type L-885
L303-864/865	40 white	40 white	20 red	90	90	50	FAA Type L-865 & L-864 dual
L303-885/866	60 white	60 white	60 red	135	135	110	FAA Type L-885 & L-866 dual



Orga BV
Strickledeweg 13
3125 AT SCHIEDAM
The Netherlands

P.O. Box 3046
3101 EA SCHIEDAM
The Netherlands

T +31 (0)10 208 5555
F +31 (0)10 437 8445
info@orga.nl
www.orga.nl