

**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 STAC PRO/STAC/SE/VIS/08-5078
- Various national approvals

### Performance characteristics

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

### Electrical characteristics

- Operating voltage: 120-240Vac; 50-60Hz
- Low power consumption: see table
- Long life proprietary capacitor technology
- Connection details: supplied with a combined power and control shielded connection cable
- Overvoltage protection: class III according to IEC61643-1

### Physical characteristics

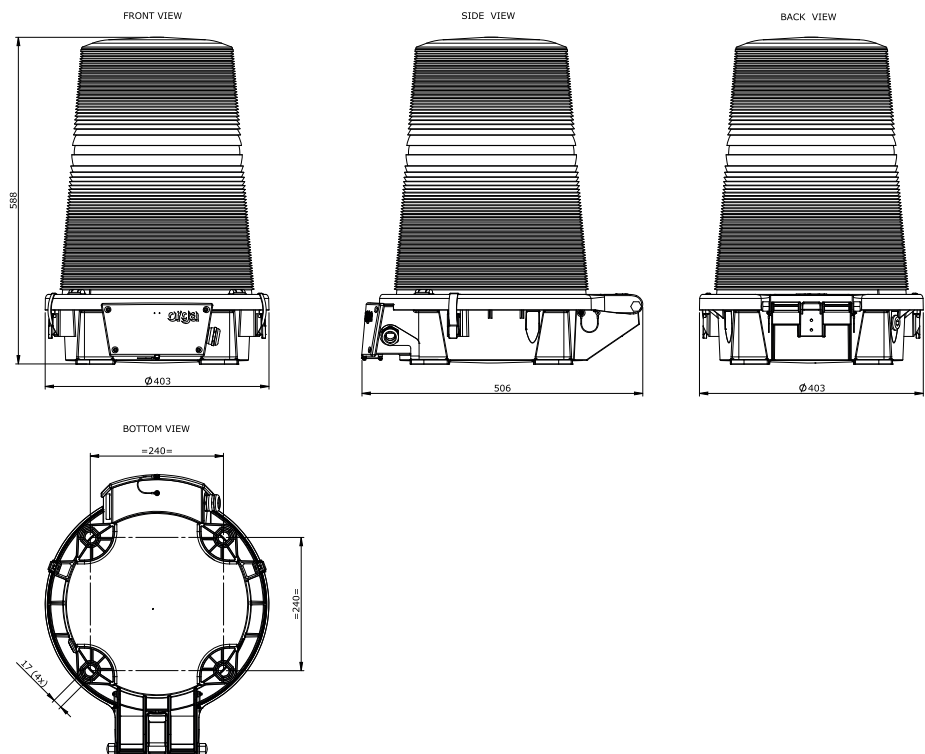
- Dimensions (L x W x H): see drawing
- Weight: 13kg
- Design degree of protection: IP65
- Operating temperature range: -40°C to +55°C
- Shipping information: 700x550x750mm; 17kg

### 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 4 or more 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

## Medium intensity obstruction light

Product	Additional information					
	Flashes per minute			Power consumption (W) @ 20 °C		
	Day	Twilight	Night	Day	Twilight	Night
L303-63A	20 white	20 white	20 white	50	50	20
L303-63A/63B	20 white	20 white	20 red	50	50	30
L303-63A/63B-40	40 white	40 white	40 red	65	65	35
L303-865	40 white	40 white	40 white	90	90	35
L303-865d	40 white	40 white	off	90	90	12
L303-866	60 white	60 white	60 white	135	135	50
L303-885	off	60 red	60 red	12	110	110
L303-864/865	40 white	40 white	20 red	90	90	50
L303-885/866	60 white	60 white	60 red	135	135	110



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