



L303-865 MEDIUM INTENSITY WHITE FLASHING STROBE OBSTACLE LIGHT

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Overview

The Orga L303-865 medium intensity white flashing strobe obstacle light complies with FAA type: L865 and ICAO Annex 14 Vol.1, Fourth edition - July 2004, Chapter 6 type A medium intensity obstacle light.

Application

Marking of aviation hazards, typically structures such as communication towers, broadcast antennas, electricity transmission and distribution towers, chimneys, bridges, wind turbines and tall buildings.

Technical data / Characteristics

Operating voltage: 110-240 Vac ($\pm 10\%$), 50-60 Hz

Power consumption: 100 W continuous @40 fpm during daytime, 35 W continuous @40 fpm during nighttime

Control: Internal microprocessor based controller for power management, flash character, daylight on/off and failure alarm control

Alarms: Volt free dry alarm relay contact (2 A) for lamp failure. Further alarms and status information via CIP control unit

Photocell (Sunswitch): Two internal photocells fitted in the light fixture for automatic day/night control

Light source / life expectancy: Xenon flash tube, >2 years life. Safe plug fitting

Lens diameter / colour: Precision injection moulded $\varnothing 300$ mm fresnel lens. UV resistant with hinged opening / white

Divergence (beam angle): 360° horizontal, 3° vertical at 50 % peak

Effective intensity: 20.000 Cd white $\pm 25\%$ in day time mode, 2000 Cd white $\pm 25\%$ in night time mode

Flash character: Factory set: 40 (FAA) or 20-60 (ICAO) fpm

Operating temperature: -55°C to $+55^\circ\text{C}$, 95 % relative humidity

Ingress protection: IP65

L303-865 and L303-866





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Features

- Used as single light or in multiple light systems
- Advanced communication facilities in multiple light systems
- Light weight, omni-directional lights
- Very high optical efficiency resulting in low power consumption comparing to equivalent products
- Intelligent lamp control technology for maximum lamplife and low power consumption
- Simple latch and tilt lens with safety switch protection, and power LED
- Over voltage protection devices to protect against lightning discharges
- Low cost cabling scheme
- Micro-switch provided to disconnect power on opening of the light fixture, with power connected warning LED

Certificates

- FAA AC150/5345-43F
- ICAO Annex 14 Vol.1 (compliant)
- Dutch CAA approval
- French CAA approval (STNA)