

L303-865 MEDIUM INTENSITY WHITE FLASHING STROBE OBSTRUCTION LIGHT SERIES

DATASHEET

Key features

- High reliability with long life time, low cost of ownership and low power consumption
- 110 – 240 V_{AC} ($\pm 10\%$) 50/60 Hz operating voltage
- Effective Intensity 2,000 cd red
- Uses TWR/Orga special technology for the ignition of xenon lamps control for long lamp life and very low UV and ozone generation
- Orga Strobeline™ cable wiring system configuration combines power and control wires into a single protected cable
- Lightweight and easy to install

Specifications

- Certified to:
Federal Aviation Administration AC 150 5345/43E Type L864
- Compliant to:
ICAO Annex 14 Volume 1. third edition July 1999 Chapter 6, Medium Intensity, Type B obstacle light
- Approved by:
FAA of the United States of America
STNA of France
DGAC of Mexico
Civil Aviation of Germany
Civil Aviation of The Netherlands

Optical characteristics

- 40 (L865) flashes per minute¹ (factory set as per table next page)
- Automatic intensity change control
- Horizontal beam pattern 360°
- Vertical beam pattern 3°
- High accuracy fresnel lens

Electrical characteristics

- Power consumption (see table next page)
- Integral photocells
- Safety switches to disconnect power and discharge capacitors when unit opened with external high voltage warning LED
- Supplied with integral Strobeline™ connection cable
- Two stage over voltage protection

System Design, Control and Monitoring

- Combine L303-865 medium intensity lights with L1000 high intensity lights or L810 low intensity lights for optimum system design
- Connect up to 32 (more on request) L1000 high intensity, L303 medium intensity and L810 low intensity lights to a single CIP200 control unit.
- Local and remote monitoring facilities provided by CIP200 or CIP100
- No-Wire multiple system flash character synchronization option
- Catenary crossing system configuration options

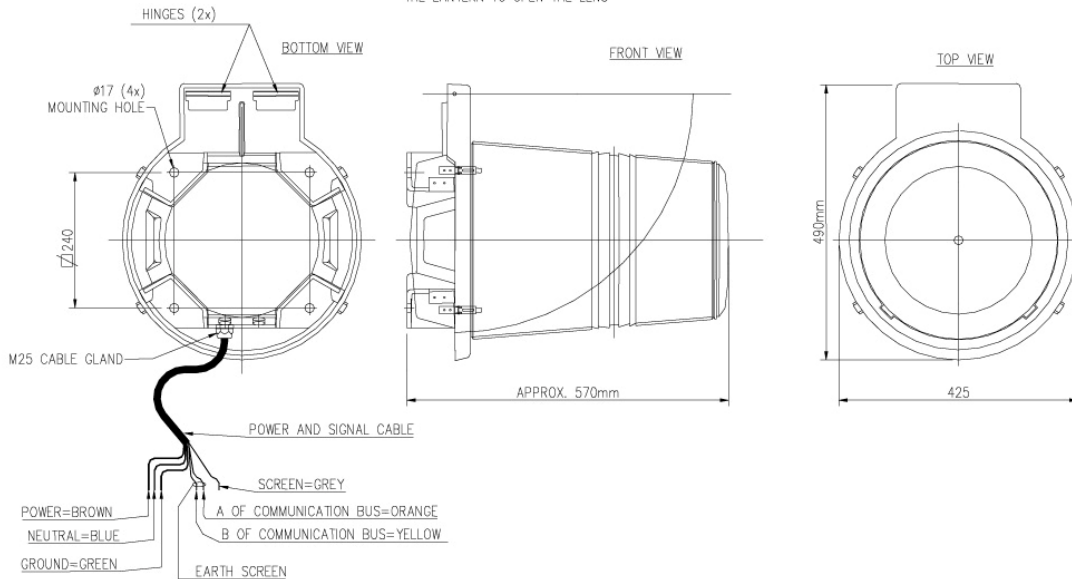


Orga
The new standard in obstruction lights.

TWR Lighting, Inc.
Enlightened Technology™

Type Numbering		Additional Information						Comment
L1000	Extension	Flashes Per Minute			Power Consumption (W)			
		Day	Twilight	Night	Day	Twilight	Night	
L303-865		40	40	40	90	90	35	Standard Configuration
L303-865	d	40	40	off	90	90	12	Day Time only Operation
L303-865	n	off	off	40	12	12	35	Night time only Operation
EMC								Additional EMC Protection

NOTE: CLEARANCE OF AT LEAST 650mm IS REQUIRED ON THE BACK (HINGE) SIDE OF THE LANTERN TO OPEN THE LENS



Mechanical characteristics

- Polyurethane body
- IP67 Degree of Ingress Protection (by design)
- Operating temperature range -55...+55 °C
- Height 585 mm, diameter 432 mm
- Mounting holes at 240 x 240 mm
- Weight 12 kg