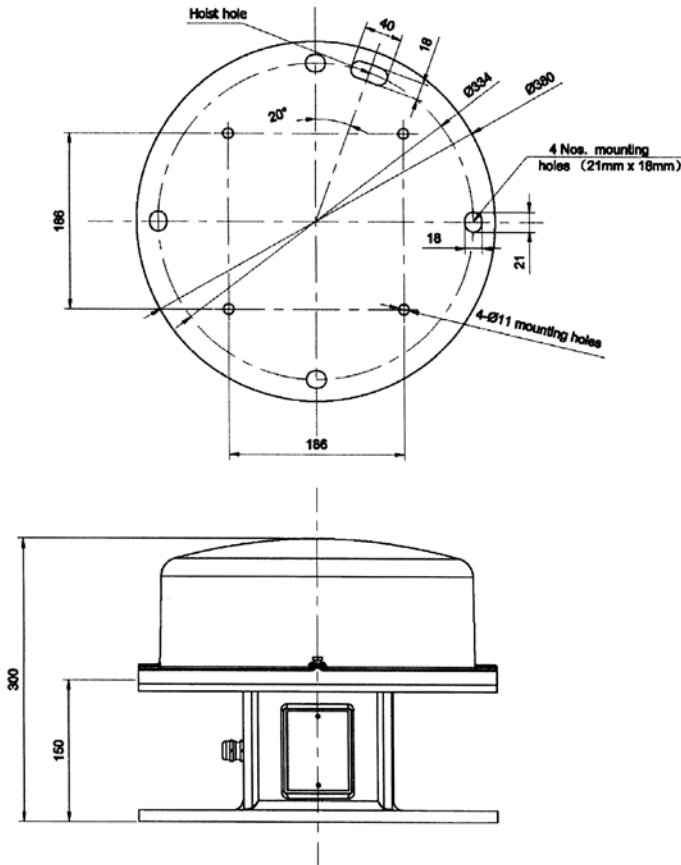


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MEDIUM INTENSITY AVIATION OBSTRUCTION LIGHT

WL2500 MEDIUM INTENSITY STEADY BURNING, HIGH POWERED RED LEDS



Application

The Delta WL2500 LED medium intensity aircraft warning light unit incorporates state of the art LEDs into an efficient optical design to give the performance needed in order to meet ICAO, CAA and FAA requirements, whilst only consuming 48 watts of power.

The beacon has been designed for ease of installation with reduced size and weight. This beacon can be flashed or steady burned (please specify on order) and requires no additional cabling or monitoring.

It can easily be synchronised with the use of an external controller, and due to the reduced power consumption, lends itself to solar applications.

Features and Benefits

- Medium intensity: 2.400 candela output
- 5 year warranty
- 8 to 10 year expected life
- Modular design can be flashed or steady burned (Specify at time of order).
- Lightweight and easy to install
- Reduced wind loading
- Uses less than 50 Watts
- Resistant to shock and vibration
- Creates no EMI/RFI
- Tighter beam spread (less wasted light), and reduce light pollution therefore avoiding nuisance light to local residence and/or industry.
- Mounting brackets can be supplied - Please ask for details.



Approvals

- Compliant to ICAO (Annex 14 July 1999)
- Certified to FAA AC No. (150/5345E)
- Compliant to Canadian Aviation Regulations

Operational Conditions

The beacon is designed to withstand the dynamic conditions experienced in the most severe environments around the world. The beacon has been tested and can be operated in the following conditions:

- Flashing or Steady burned
- -55°C to + 55°C degrees
- Direct sunlight
- Wind blown rain
- High humidity
- Salt
- Fog

Materials

The beacon is designed for durability, with cast aluminium base and stainless steel hardware. The dome is made of a UV resistant acrylic and sealed to ensure maximum life of the product.

Ordering Information	
Product	Description
WL2500	Beacon Red 110 - 250 volts AC

Weights and Measurements		
PART NUMBER	APPROX SHIPPING WEIGHT	CONTAINER DIMENSIONS
WL2500	14.5kg	600 x 600 x 600mm

Electrical Specifications										
DELTA WL2500	Operating Voltage			Current (Amps)			Voltage Amps (VA)			Watts type
	Min	Type	Max	Min	Type	Max	Min	Type	Max	
110/250 VAC UNITS	85	110/250	265	0.2	0.5	0.8	40	48	70	48



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LOW INTENSITY AVIATION OBSTRUCTION LIGHT

WL75/PEC (OPTIONAL) LOW INTENSITY AVIATION OBSTRUCTION LIGHT WITH PHOTO SENSOR - STEADY BURNING

Mechanical Data

- Material: Aluminium LM6
- Glass: High - Intensive glass
- Hardware: Stainless steel
- Cable Entry: Bottom entry (G 3/4")
- Gasket: Neoprene
- IP Protection: IP65
- Comes with / without photocell - specific at time of order
- Bird spike: provided

Electrical Data

- Voltage: 30 - 60V DC AC110 - 240V (optional)
- Steady burning or flashing available - specific at time of order
- Lamp wattage: Less than 8W
- Intensity of each LED: 10, 20 or 32cd - specific at time of order
- Colour: Red

Container Dimensions

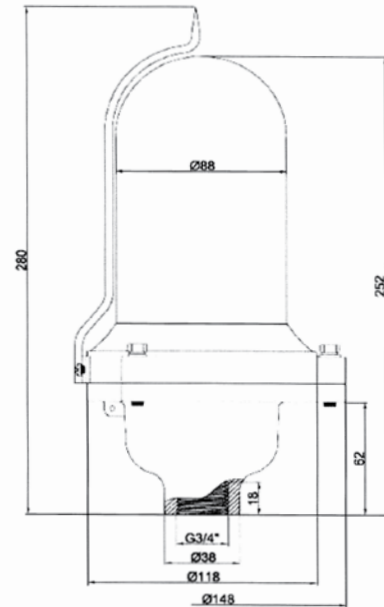
- Length: 30cm
- Width: 15cm
- Depth: 16cm
- Approx. shipping weight: 1.15kg

WL75 (LED) Low Intensity Weatherproof aviation obstruction light with optional is photo sensor specially designed for a wide variety of uses including cranes, lighthouses, tall buildings, towers and masts. It consists of LM6 cast-aluminium lamp holder and toughened glass, which houses the electronics to the lamp from the bottom, convenient for mounting and replacement. Steel wire is used to connect to base against failing in operation. It is waterproof and erosion resistant.

The WL75 is composed of two separate parts:

- LED Bulb
- Light fitting

The electricity circuit is integrated in a lamp, convenient for replacement. Without purchasing a whole product for cost saving.



Features

- Base is made from LM6 aluminium with good intensity and erosion resistance.
- The lamp housing accepts 3mm glass and sealed with structural glue for good watertight.
- Entire LED bulb unit completely replaceable.
- A bird spike is provided on the top.
- Integrated photo-sensors turn the light on or off the light according to sunlight conditions.
- Long life expectancy (100,000 hours) and energy saving (efficiency > 90%).
- Mounting: 3/4 inch conduit, (threaded bar).
- Mounting bracket available.

