

LED Single Obstruction Light for ATEX Zone II



- > ATEX Ex i for Zone II
- > ATEX Ex i [intrinsically safe]
- > EcoLed LED Lamp
- > Simple but sturdy design
- > Easy installation and maintenance

Typical Application



Low Intensity Obstruction Light (ICAO Type A or ICAO Type B)

The DWT-OBS ATEX light is designed to meet both the ICAO demands for red LED obstruction lights and ATEX Zone II for hazardous area lighting locations. The light fulfills the requirements for Protection Class IP68.

Obstruction lighting is intended to reduce the hazards to aircraft by indicating the presence of obstructions. The color is fully obtained by the LED module. The tightness is guaranteed by a special O-Ring system. The LED lamps are characterized by long life and even light distribution. The extraordinary quality and reliability of all our range are due to the particular care in manufacturing and to many tests done during the manufacturing procedure. The aluminum body and tempered glass exclude all the disagreements of synthetic products (plastic, PMMA). These materials keep their physical properties in all climate conditions (high and very low temperature).

ATEX homologation (pending) EX II 3 G / Eex i llx T5.



Compliant to:
 ✓ ICAO Annex 14

MECHANICAL CHARACTERISTICS

Material	
Body	Aluminum
Optic	Glass
Body Color	Yellow RAL 1021
Dimensions	
Height	245 mm
Diameter	140 mm
with mounting plate	165 mm
Weight	Approx. 2.5 kg
Mounting	◦ Tripod ◦ Frangible Coupling
Protection Class	IP68
Corrosion resistant integrated LEDs	

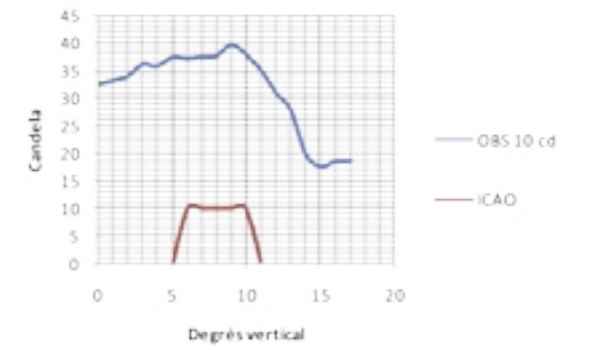
ELECTRICAL CHARACTERISTICS

Operating Voltage	12 V via DWT-PS ATEX power supply
Modern SMD-LED technology	

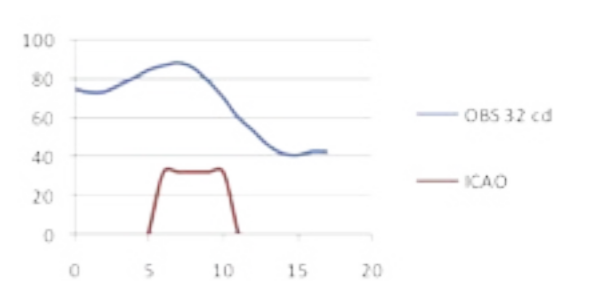
OPTICAL CHARACTERISTICS

Light Source	High-Power LEDs
Light Color	Red (standard)
Light intensity	
Type A	> 10 Candela
Type B	> 32 Candela
Horizontal Output	360°

PHOTOMETRY ICAO TYPE A (10 CD MIN)



PHOTOMETRY ICAO TYPE B (32 CD MIN)



DIMENSIONS

