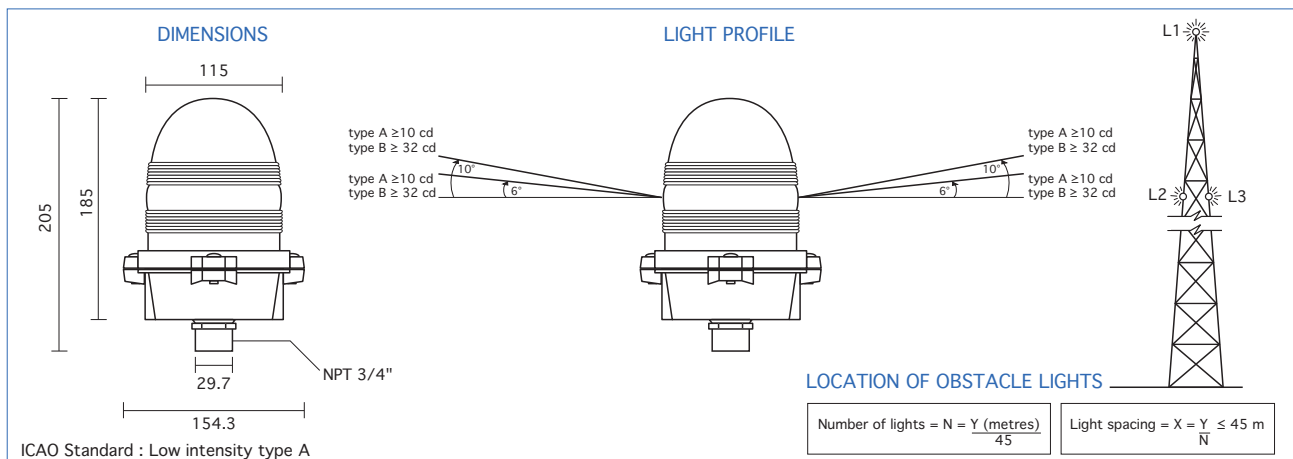


LED OBSTRUCTION LAMP



- Obstruction makers for air navigation
- ICAO Standard and Recommend Practices Design Type A, B¹
- Proven ultra bright LED technology
- Low energy consumption less than 5 Watt (Type A)
- 90% reduction in power consumption vs incandescent
- Long life time MTBF more than 100,000 hours
- Transient suppression to IEEE C62.41-1991 CAT. C1: 6 kV/3 kA (for DC lamp only)
- Constanding safe from vibration and corrosion
- Protection class typical IP65
- Polycarbonate dome with lens (ASTM : UV stabilized)
- Die-cast aluminium housing with yellow polyester powder coated
- OBL-220A and OBL-230A can be set to self flash by user.



SPECIFICATION	OBL-024A	OBL-048A	OBL-048L	OBL-048B	OBL-220A ²	OBL-230A ²
Lamp Technology	Ultra bright Light Emitting Diode (LED)					
Power consumption / set	5 Watt	5 Watt	3 Watt	7.5 Watt	7 Watt	7 Watt
ICAO standard low intensity	type A	type A	type A	type B	type A	type A
IP Protection (dust and water)	IP65	IP65	IP65	IP65	IP65	IP65
Operating voltage (nominal)	24 Vdc	48 Vdc	48 Vdc	48 Vdc	220 Vac	230 Vac
Operating voltage range	-10% + 20%	-10% + 20%	-10% + 20%	-10% + 20%	± 10 %	± 10 %
Lamp average life (MTBF)	>100,000 hour					
Light intensity (Type)	>10 cd	>10 cd	>10 cd	>32 cd	>10 cd	>10 cd
ICAO requirement (+10°)	≥10 cd	≥10 cd	≥10 cd	≥32 cd	≥10 cd	≥10 cd
Color	Aviation Red (Dominate wave length = 626 nm)					
Vibration resistance	yes					
Wind load at 200 km/h.	< 40 N					
CE					EMC-Directive 89/336/EEC EU-Low Voltage Directive	
Weight	1400 g	1400 g	1400g	1400 g	1600 g	1600 g

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

¹ International Civil Aviation Organization (ICAO) Standard and Recommend Practices : Aerodromes Annex 14- Volume 1, 3rd Edition, July 1999, Chapter 6.

² CE (EMC&LVD) product complies with the Electromagnetic Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC). Certified by Electronics Technology Systems Dr. Genz GmbH (ETS)