

Signal and Alarm: Obstacle Light, EOB Series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 21 & 22



Application

The EOB obstacle lights are designed for aviation warning purposes. They are suitable for installation on towers or tall buildings in Zone 1, Zone 2, and Zone 21, 22 hazardous areas.

Specification

Body material	Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (grey)
Globe	Borosilicate glass
Filter	Plastic
Guard, bolts	Stainless steel, SS 304
Sealing (O-ring)	Silicone

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	II 2G	II 2D
Symbol of Protection	Ex d IIB T6/ T5 Gb	Ex tb IIIC T80°C/ T100°C Db
Conformity to Standards	EN IEC 60079-0, EN 60079-1, EN IEC 60079-31	
Ambient Temperature	-20°C to +55°C	
Index of Protection	IP66	
Entry Threads	3/4" NPT or M25x1.5	
Mounting	Ceiling, Pendant or Bracket mounting	
Rated Voltage	220 V AC, 50 Hz	

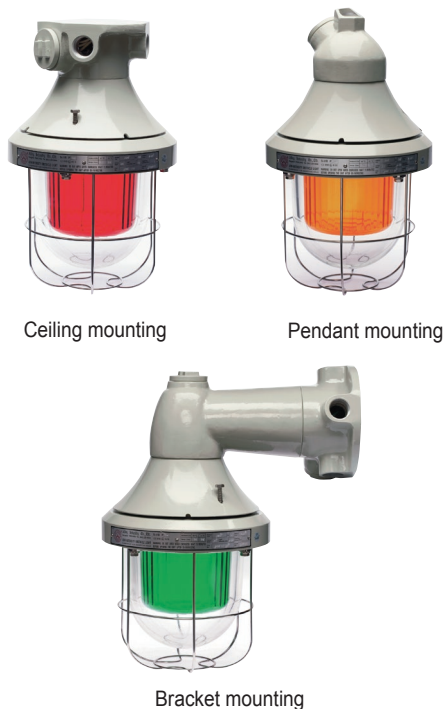
Catalogue Number Logic

EOB -	Series	Lamp watt (see catalogue number table)	Type	Lens colour	Mounting
	IN	Incandescent	R	Red	C
	CF	Compact fluorescent	O	Orange	P
	LED	LED bulb	G	Green	B

Ordering Requirements

Cat. No.	Lamp watts	Temp. Class (for zone 1 & 2)		Max. Surface Temp.* (for zone 21 & 22)		Volume (cm³)	Approx. weight (kg)
		Ta 40°C	Ta 55°C	Ta 40°C	Ta 55°C		
Incandescent lamp ● ● ●							
EOB-60IN △ □	60 W	T6	T5	T80°C	T100°C	3,920	7.95
EOB-100IN △ □	100 W						
Compact fluorescent lamp ● ● ●							
EOB-11CF △ □	11 W	T6	T5	T80°C	T100°C	3,920	7.89
EOB-15CF △ □	15 W						
LED bulb ● ● ●							
EOB-04LED △ □	4 W	T6	T5	T80°C	T100°C	3,920	7.75
EOB-06LED △ □	6 W						
EOB-08LED △ □	8 W						
EOB-10LED △ □	10 W						

Remark * : The maximum surface temperatures are specified for dust free condition. The dust layer which may cover around the lighting fixture will cause to higher surface temperature.



Dimensions (in mm)

