

# 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 purpose. They are suitable for installation on towers or tall buildings in zone 1, 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, SUS 304
- Seal gasket : Silicone

## Technical Data

<b>Hazardous Area</b>	<b>Gas</b>	<b>Dust</b>
<b>Zones</b>	<b>1 &amp; 2</b>	<b>21 &amp; 22</b>
<b>Equipment Group/Category</b>	<b>II 2G</b>	<b>II 2D</b>
<b>Symbol of Protection</b>	<b>Ex d IIB T6/ T5 Gb</b>	<b>Ex tb IIIC T80°C/ T100°C Db IP66</b>
<b>Conformity to Standards</b>	EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014	
<b>Ambient Temperature</b>	-20°C to +55°C	
<b>Index of Protection</b>	IP66	
<b>Entries</b>	Ø3/4" NPT	
<b>Mounting</b>	Ceiling, Pendant or Bracket mounting	
<b>Rated Voltage</b>	220V.ac 50Hz.	



Ceiling mounting

Pendant mounting



Bracket mounting

## Catalogue Number Logic

**EOB -** ■ ■ ■ ■ ■

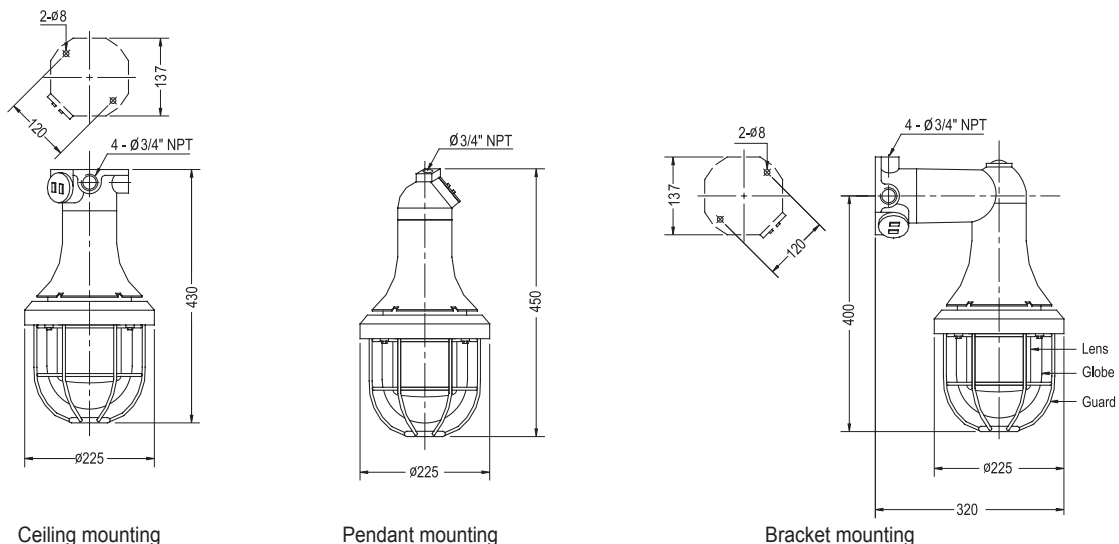
Series	Lamp Watt (see catalogue number table)	Type	Lens colour	Mounting
IN	60W.	Incandescent	R Red	C Ceiling
CF	11W.	Compact fluorescent	O Orange	P Pendant
LED	4W., 6W., 8W., 10W.	LED bulb	G Green	B Bracket

## Ordering Requirements

Cat. No.	Lamp Watts	Temp. Class (for zone 1 & 2)		Max. Surface Temp.* (for zone 21 & 22)		Volume (dm <sup>3</sup> )	Approx. Weight (kgs.)
		Ta 40°C	Ta 55°C	Ta 40°C	Ta 55°C		
<b>Incandescent Lamp</b> ● ● ●							
EOB-60IN □□	60W.	T6	T5	T80°C	T100°C	3.92	7.95
EOB-100IN □□	100W.						
<b>Compact Fluorescent Lamp</b> ● ● ●							
EOB-11CF □□	11W.	T6	T5	T80°C	T100°C	3.92	7.89
EOB-15CF □□	15W.						
<b>LED Bulb</b> ● ● ●							
EOB-04LED □□	4W.	T6	T5	T80°C	T100°C	3.92	7.75
EOB-06LED □□	6W.						
EOB-08LED □□	8W.						
EOB-10LED □□	10W.						

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.

## Dimension



Ceiling mounting

Pendant mounting

Bracket mounting

