

Signal and Alarm: Obstacle Light, EOB Series



**Flameproof
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
- Seal gasket : Silicone

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Conforming to ATEX	Ex II 2G	Ex II 2D
Symbol of Protection ATEX	Ex d IIB T6/ T5 Gb	Ex tb IIIC T80°C/ T100°C Db IP66
Compliance with	EC Directive for "Apparatus and protective systems for use in explosive atmospheres" (2014/34/EU)	
Standards	EN 60079-0:2012+A11:2013, EN 60079-1:2014, EN 60079-31:2014	
Ambient Temperature	-20°C to +55°C	
Index of Protection	IP66	
Entries	Ø3/4" NPT	
Mounting	Ceiling, Pendant or Bracket mounting	
Rated Voltage	220V.AC. 50Hz.	



Ceiling mounting

Pendant mounting

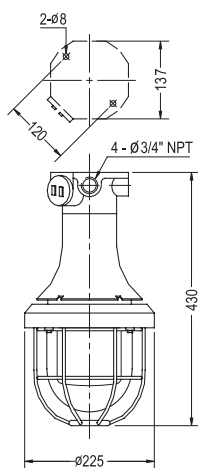


Bracket mounting

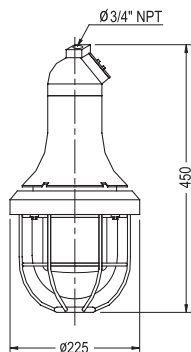
Catalogue Number and Dimension

EOB - ■■ ■■ ■■ ■■	Series	Lamp Watt (see catalogue number table)	Type	Lens colour	Mounting
			IN Incandescent CF Compact fluorescent LED LED bulb	R Red O Orange B Blue	C Ceiling P Pendant B Bracket

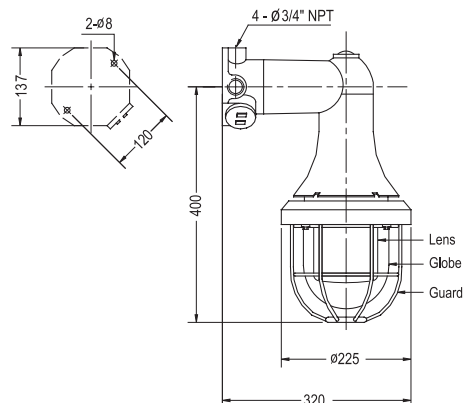
Lamp Watts	Cat. No.	Temp. Class (for zone 1 & 2)		Max. Surface Temp.* (for zone 21 & 22)		Volume (dm ³)	Approx. Weight (kgs.)
		Ta 40 °C	Ta 55 °C	Ta 40 °C	Ta 55 °C		
Incandescent							
60W.	EOB-60IN □□	T6	T5	T80°C	T100°C	3.92	7.95
100W.	EOB-100IN □□						
Compact fluorescent							
11W.	EOB-11CF □□	T6	T5	T80°C	T100°C	3.92	7.89
15W.	EOB-15CF □□						
LED bulb							
7W.	EOB-07LED □□	T6	T5	T80°C	T100°C	3.92	7.75
10W.	EOB-10LED □□						
13W.	EOB-13LED □□						



Ceiling mounting



Pendant mounting



Bracket mounting

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.