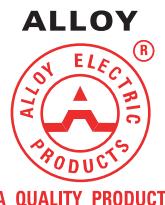


# Signal and Alarm: Obstacle Light, EOB Series



**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	$\text{Ex II 2G}$	$\text{Ex II 2D}$
Symbol of Protection ATEX	Ex d IIB T6/ T5 Gb	Ex tb IIIC T80°C/ T100°C Db IP66
Compliance with	Equipment and protective systems intended for use in potentially explosive atmospheres, Directive 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	$\varnothing 3/4''$ NPT	
Mounting	Ceiling, Pendant or Bracket mounting	
Rated Voltage	220V.ac 50Hz.	



Ceiling mounting

Pendant mounting



Bracket mounting

## Catalogue Number Logic

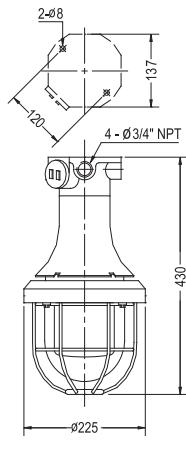
<b>EOB</b> -	<b>■ ■</b>	<b>■ ■</b>	<b>□</b>	<b>□</b>
Series	Lamp Watt (see catalogue number table)	Type	Lens colour	Mounting
		IN Incandescent CF Compact fluorescent LED LED bulb	R Red O Orange G Green	C Ceiling P Pendant B Bracket

## Ordering Requirements

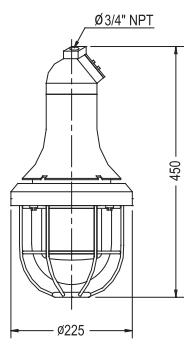
Cat. No.	Lamp Watts	Temp. Class (for zone 1 & 2)		Max. Surface Temp.* (for zone 21 & 22)		Volume (dm <sup>3</sup> )	Approx. Weight (kgs.)
		Ta 40 °C	Ta 55 °C	Ta 40 °C	Ta 55 °C		
<b>Incandescent Lamp</b>							
EOB-60IN □□	60W.	T6	T5	T80°C	T100°C	3.92	7.95
EOB-100IN □□	100W.						
<b>Compact Fluorescent 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.

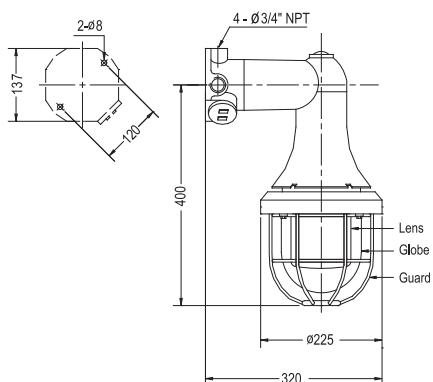
## Dimension



Ceiling mounting



Pendant mounting



Bracket mounting