XB9 5 joule xenon beacon range

Ex d, weatherproof



Overview

These compact and lightweight beacons have been designed for use in potentially explosive atmospheres and harsh environmental conditions. The beacon housing, including the flamepaths, is manufactured completely from a UV stable glass reinforced polyester which is ideally suited for use offshore and onshore.
Stainless steel screws and mounting bracket are incorporated ensuring a totally corrosion free unit.
Units can be painted to customer specification and supplied with identification labels.

Features

- Zone 1 and Zone 2 use
- Ex d IIC T5/T6
- ATEX approved, Ex II 2G
- IECEx certified Gb
- IP66 and IP67
- Certified temperature –55°C to +55°C
- Corrosion Free GRP
- Various lens colours
- Lens guard fitted as standard
- Optional gland plus cable tail
- Stainless steel mounting bracket & screws
- Replaceable tube

ATEX IECEx

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Powering Business Worldwide

All specifications, dimensions, weights and tolerances are nominal (typical) and Eaton reserve the right to vary all data without prior notice.
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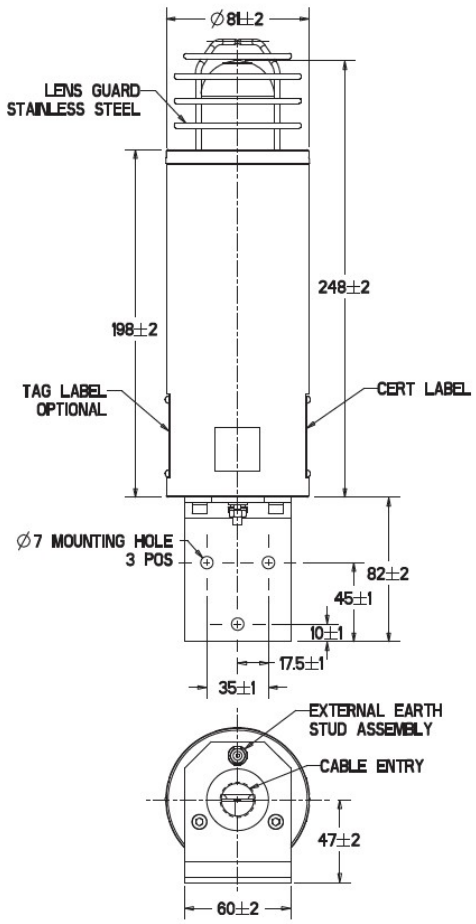
Certifications

ATEX Ex d	Cert. no. Baseefa BAS00ATEX2031 Certified to: EN60079-0, EN60079-1 Ex II 2G, Ex d IIC T5/T6 Gb
IECEx Ex d	Cert. no. IECEx BAS 10.0113 Certified to: IEC60079-0, IEC60079-1 Ex d IIC T5/T6 Gb

Specifications

Material	Body & cover: glass reinforced polyester (GRP) Lens: glass Cover screws & bracket: stainless steel 316
Finish	Natural black or painted to customer specification
Weight	1.6kg
Certified temp	–55°C to +40°C (T6). –55°C to +55°C (T5)
Ingress protection	IP66 & IP67
Fire retardancy	GRP is fire retardant to IEC 60695-11-10
Terminals	3 x 2.5mm^2
Mounting	Wall mounted via bracket
Entries	1 x M20 or PG 13.5
Optional	1 x 3m cable tail and gland
Tube life	>1x10^6 flashes

General arrangement drawing (all dimensions in mm)



Electrical ratings:

	d.c				a.c.	
Voltage	**12**	**24**	**48**	**60**	**110**	**240/254**
Tube energy (J)	5	5	5	5	5	5
Current (A)	0.65	0.35	0.18	0.13	0.08	0.06/0.057
Effective intensity (Cd)	29	29	29	29	29	29
Peak intensity (Cd)	22213	22213	22213	22213	22213	22213
Power consumption (W)	8	9	9	8	9	15

Note: The above figures (Cd) are for a clear lens @ 1Hz flash rate

Multiplying factor for coloured lenses:

Red	Blue	Amber	Green	Yellow
0.15	0.12	0.51	0.49	0.86

The photometric data has been verified by BSI. A report is available if required

Ordering requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box

Model XB9 | **Certification** | **Voltage** | **Flashrate** | **Lens** | **Lens guard** | **Tag/duty** | **Entries/cable tail** | **Finish**

Certification	Code
Uncertified	W
ATEX	D
IECEx	J

Flash rate	Code
60 / min	06

Other flash rates available on request, please specify

Guard	Code
Yes	Y

Entries	Code
1 x M20	1B
1 x PG 13.5	1P
Cable & tail 3m cable	CB

Voltage	Code
12Vdc	012
24Vdc	024
48Vdc	048
60Vdc	060
110Vac	110
240Vac	240
254Vac	254

Colour	Code
Red	R
Blue	B
Green	G
Amber	A
Yellow	Y
Clear	C

Label	Code
None	N
Yes	Y*

*Please specify

Finish	Code
Natural black	N
Red	R
Blue	B
Yellow	Y
Grey	G
White	W
Special	S*

*Please specify