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5 JOULE XENON BEACONS EExd Weatherproof XB11 Range

These certified beacons have been designed for use in potentially explosive gas and dust atmospheres and harsh environmental conditions. The glass reinforced polyester enclosures are suitable for use offshore or onshore, where light weight combined with corrosion resistance is required.

The beacon housing is manufactured completely from a U.V. stable, glass reinforced polyester. Stainless steel screws and mounting bracket are incorporated ensuring a totally corrosion free product.

Units can be painted to customer specification and supplied with identification labels.

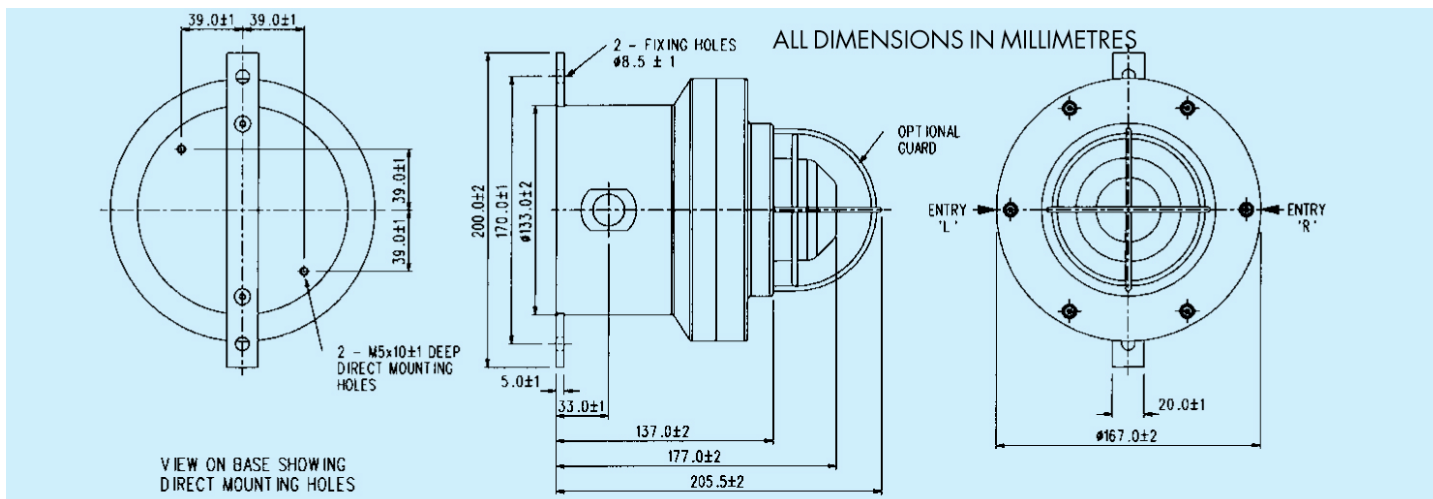
Features

- Zone 1 and Zone 2 use.
- EExd IIB T4, T5 & T6.
- ATEX approved, Ex II 2GD.
- BASEEFA certified.
- UL Listed for USA and Canada
 - Hazardous locations:
 - Class I, Div 2, Groups C & D.
 - Class I, Zones 1 & 2, AExd IIB T4/T5.
 - Ordinary locations:
 - Visual-Signal Device.
- IECEx certified Gb, Db
- GOST 'R' & 'K' Certified.
- Chinese (CQST) certified.
- Brazilian (Inmetro) certified.
- IP66 and IP67.
- Certified temperature -55°C to $+70^{\circ}\text{C}$.
- Corrosion resistant GRP.
- Optional stainless steel backstrap.
- Various lens colours.
- Optional lens guard.
- Optional telephone initiation.
- 2 x M20 cable entries or 2 x 1/2" NPT*.
- Earth continuity option (model dependent).
- Filament version (20W) available†.
- Fluorescent version (10W) available†.
- Beacon/Sounder Combination Unit available.

*Model dependent.

†See FL11, FB11, FL12, FB12 data sheet.





Specification

<p>Certification:</p>	<ul style="list-style-type: none"> • Certified to IEC60079-0, IEC60079-1, IEC60079-3. • Certified to EN60079-0, EN60079-1, EN60079-31. • ATEX Cert. No. BAS99ATEX2195. • Ex II 2 G Ex d IIB T4/T5/T6 Gb, Ex tb IIIC T75°C/T90°C/T105°C Db. • IECEx Cert. No IECEx BAS 10.0101. • Ex d IIB T4/T5/T6 Gb, Ex tb IIC 75°C/80°C/105°C Gb. • UL Listed for USA and Canada to: <ul style="list-style-type: none"> – Hazardous locations: Class I, Div 2 Groups C & D. Class I, Zones 1 & 2 AExd IIB T4/T5. UL Listing No: E187894. – Ordinary locations: Visual-Signal Device. UL listing No. S8128. Refer to UL Data sheet at rear of catalogue for complete information. • GOST 'R' Certification: 1Exd IIB T4/T5/T6. • GOST 'K' Certification: Exd IIB T4/T5/T6. • Chinese (CSQT) Certification: Exd IIB T5/T6. • Brazilian (Inmetro) Certification: BR-Ex d IIB T4/T5/T6.
<p>Material:</p>	<p>Body: – Glass reinforced polyester (GRP). Lens: – Glass. Cover Screws + Backstrap: – Stainless steel 316.</p>
<p>Finish:</p>	<p>Natural black or painted to customer specification.</p>

	DC	AC50/60 Hz	
Voltage	24	110	240
XB11 Tube Energy (Joules)	5	5	5
Peak Current Consumption (mA)	320	100	60
Effective Intensity (Cd)	29	29	29

Peak Intensity (Cd)	22213	22213	22213		
Power Consumption (Watts)	8	11	18		
<i>NOTE: The Cd figures are for a clear lens @ 1Hz flash rate.</i>					
FOR COLOURED LENSES					
Colour	Red	Blue	Amber	Green	Yellow
Multi-plying Factor	0.15	0.12	0.51	0.49	0.86
<i>The photometric data has been verified by BSI. A report is available if required.</i>					
Weight:	2.5Kg.				
Certified Temperature:	EExd	–55°C to +70°C (T4). –55°C to +55°C (T5). –55°C to +40°C (T6).			
	UL	–55°C to +70°C (hazardous locations). –55°C to +55°C (ordinary locations).			
Ingress Protection:	IP66 & IP67.				
Fire Retardancy:	GRP is fire retardant to ISO 1210.				
Earth Continuity:	Optional for metal glands provided via a brass plate. (Not available for UL version).				
Terminals:	6 x 2.5mm ² .				
Telephone initiation:	Initiation by telephone ringing tone.				
Labels:	Duty/Tag Label optional.				
Entries:	2 x M20 ISO EExd. 2 x 1/2" NPT UL. Note: ATEX/UL Dual Listed unit has up to 2 x 1/2" NPT entries only.				
Beacon/Sounder Unit:	The beacon maybe combined with an cooper MEDC sounder to create a visual/audible alarm. Contact MEDC for price and specification.				

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Ordering Requirements

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

For standard products, available ex-stock, contact sales office for details.

Unit Type:	XB11	
(A) Certification:	Certification	Code
	Uncertified	W
	BASEEFA	B
	IECEX	J
	UL	UL
	UL (Ordinary location)	UW
	ATEX/UL Dual Listed	AU
	GOST 'R'	G
	GOST 'K'	K
	Chinese (CQST)	Q
	Inmetro	DM
(B) Voltage:	Voltage	Code
	24V d.c.	024
	48V d.c.	048
	110V a.c.	110
	230V a.c.	230
	240V a.c.	240
	<i>Other voltages available, please specify.</i>	
	(C) Flash Rate:	Flash Rate
60/min		06
<i>Other flash rates available, please specify.</i>		
(D) Lens Colour:	Colour	Code
	Red	R
	Blue	B
	Green	G
	Amber	A
	Yellow	Y
	Clear	C
(E) Lens Guard:	Guard	Code
	None	N
	Yes	Y
(F) Unit Fixing:	Unit Fixing	Code
	Direct Mounting	D
	Backstrap	B

(G) Earth Continuity:	Continuity*	Code
	None	N
	Yes	Y
<i>*Earth continuity not available in UL or Dual Listed versions.</i>		
(H) Tag/Duty Label:	Label	Code
	None	N
	Yes (Please specify)	Y
(I) Options:	Option	Code
	*Telephone initiate	T
	Blanking Plug	P
	None	N
	<i>*Telephone option not available in UL version.</i>	
	(J) Unit Finish:	Finish
Natural Black		N
Red		R
Blue		B
Yellow		Y
Grey		G
White		W
Special Finish		S

ORDER CODE:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
XB11										