5 JOULE XENON BEACONS
EExd, Weatherproof
XB9 Range

★ All GRP
⬇
★ Low Initial Cost
⬇
★ Greater Reliability
⬇
★ Minimal Maintenance Cost
⬇
★ Reduced Cost of Ownership

Introduction

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.

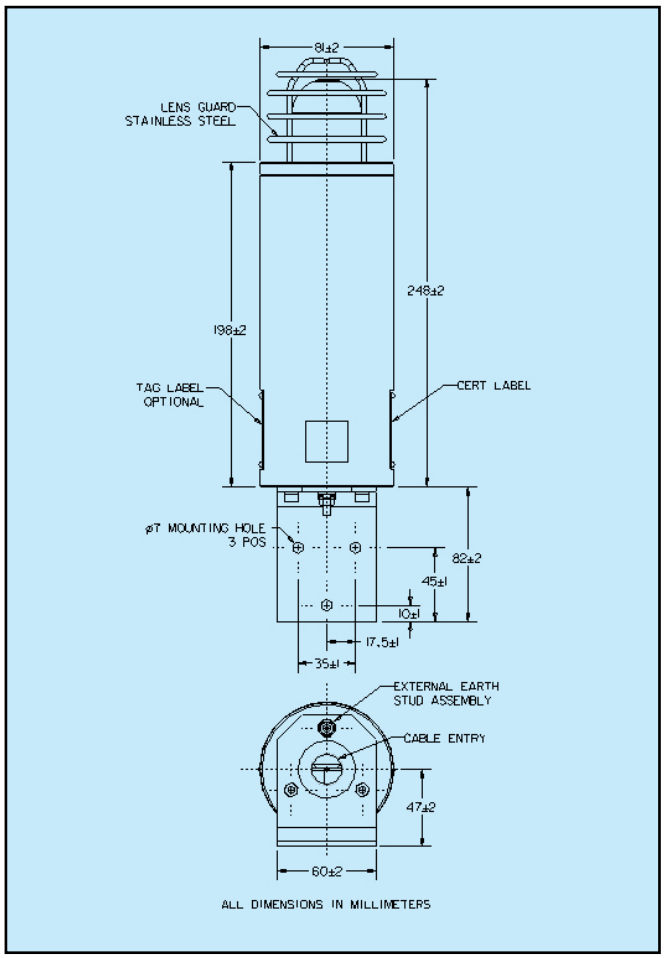
- ★ Zone 1 and Zone 2 use.
- ★ EExd IIC T6.
- ★ ATEX Approved, Ex II 2G.
- ★ BASEEFA Certified.
- ★ Brazilian (Inmetro) Certified.
- ★ IP66 and IP67.
- ★ Certified Temperature -55°C to +55°C.
- ★ Corrosion Free GRP.
- ★ Various lens colours.
- ★ Lens guard fitted as standard.
- ★ Optional gland plus cable tail.
- ★ Stainless steel mounting bracket & screws.
- ★ Replaceable tube.

MEDC Ltd, Colliery Road,
Pinxton, Nottingham NG16 6JF, UK.
Tel: +44 (0)1773 864100
Fax: +44 (0)1773 582800

MEDC International, 5829 West Sam Houston Parkway,
North, Suite 1005, Houston, Texas 77041, USA.
Tel: +1 (713) 937 9772
Fax: +1 (713) 937 9773

MEDC Norway, Auglaendsmyraa 6,
4016, Stavanger, Norge.
Tel: +47 913 92 289
Fax: +47 914 46 030

Sales Enq. Fax: +44 (0)1773 582830 Sales Orders Fax: +44 (0)1773 582832
E-Mail: sales@medc.com Web: www.medc.com



Specification

Certification:	CENELEC EN50014 and EN50018. BASEEFA EExd II CT6 (T5). Cert. No. BAS00ATEX2031. Zone 1 and Zone 2. Brazilian (Inmetro) Certified: BR-Ex d IIC T5/T6
Materials:	Body & Cover - Glass Reinforced Polyester (GRP). Lens - Toughened Glass. Cover Screws & Bracket - Stainless Steel 316
Finish:	Natural or painted to customer requirements.

	DC			AC 50/60 Hz	
Voltage	12	24	48	110	240/254
Tube Energy (J)	5	5	5	5	5
Peak Current Consumption (A)	0.74	0.32	0.18	0.1	0.06
Effective Intensity (Cd)	29	29	29	29	29
Peak Intensity (Cd)	22213	22213	22213	22213	22213
Power Consumption (W)	9	8	9	11	15

NOTE: The above figures (Cd) are for a clear lens @ 1Hz flash rate.
A report is available if required.

For Coloured Lenses:

Colour	Red	Blue	Amber	Green	Yellow
Multiplying Factors (Approximate)	0.15	0.12	0.51	0.49	0.86

Weight:	1.6kg.
Certified Temperature:	–55°C to +40°C(T6). –55°C to +55°C (T5).
Ingress Protection:	IP66 & IP67.
Fire Retardancy:	GRP is fire retardant to ISO 1210.
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.

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. **Standard products available ex-stock as follows:**

Product	Description
XB9D02406RYNCBN	ATEX approved Ex II 2G, certified EExd IIC T6, 24v d.c., 60 flashes/min, red lens, lens guard, M20 entry + gland + 3m cable, natural black finish.
XB9D02406AYNCBN	ATEX approved Ex II 2G, certified EExd IIC T6, 24v d.c., 60 flashes/min, amber lens, lens guard, M20 entry + gland + 3m cable, natural black finish.
XB9D24006RYNCBN	ATEX approved Ex II 2G, certified EExd IIC T6, 240v a.c., 60 flashes/min, red lens, lens guard, M20 entry + gland + 3m cable, natural black finish.
XB9D24006AYNCBN	ATEX approved Ex II 2G, certified EExd IIC T6, 240v a.c., 60 flashes/min, amber lens, lens guard, M20 entry + gland + 3m cable, natural black finish.

Model	Certification	Voltage	Flash Rate	Lens Colour	Lens Guard	Tag Label	Entries/Cable Tail	Body Colour
XB9					Y			

Voltage	Code
12V d.c.	012
24V d.c.	024
48V d.c.	048
110V a.c.	110
240V a.c.	240
254V a.c.	254

Flash Rate	Code
60/min.	06
Other flash rates available on request, please specify.	

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

Tag/Duty Label	Code
None	N
*Yes	Y
*(Please specify)	

Entries	Code
1 x 20mm	1B
1 x PG 13.5	1P
Cable & Tail	
3m cable	CB

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

Certification	Code
Uncertified	W
EExd	D
Inmetro	DM

Lens Guard	Code
Yes	Y