

21 JOULE XENON STROBES

Explosion-proof, Weatherproof

XB4 Range



**Now UL listed to +158°F (+70°C)
Ambient Temperature**

Introduction

These **high output strobes** have been designed for use in flammable atmospheres and harsh environmental conditions. The marine grade alloy or stainless steel enclosures are suitable for use offshore or onshore, where light weight combined with corrosion resistance and strength is required. Units can be painted to customer specification and fitted with identification labels.

European, Russian and other worldwide approvals are available, refer to main section of catalog.

- ★ UL listed for USA and Canada
 - Hazardous locations:
 - Class I, Div. 1, Groups C & D.
 - Class I, Zone 1, AExd IIB T4.
 - Ordinary locations: Visual-Signal Device.
- ★ ATEX approved.
- ★ Xenon.
- ★ NEMA 4x & 6, IP66 & 67.
- ★ Certified temperature –67°F to +158°F.
–55°C to +70°C.
- ★ 4 wire monitored connection.
- ★ 24V d.c.
- ★ 110V & 240V a.c.
- ★ Various lens colours.
- ★ Optional lens guard.
- ★ Twin replaceable tubes.
- ★ Tapered spigot flamepath.

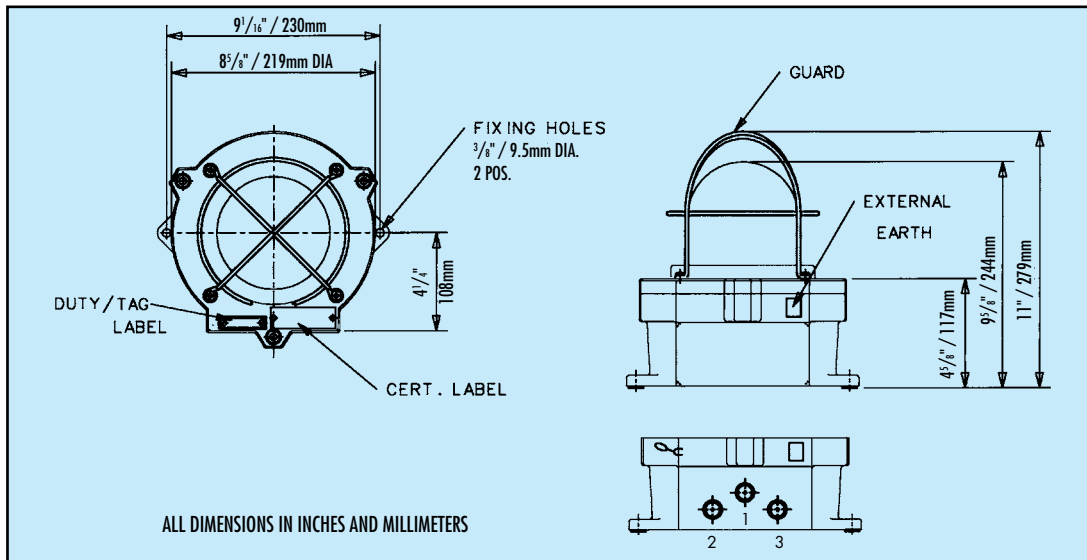
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Specification

Voltage	DC	AC 50/60 Hz	
	24	110	240
Tube Energy (Joules)	21	21	21
Peak Current Consumption (mA)	1400	350	185
Effective Intensity (Cd)	355	355	355
Peak Intensity (Cd)	123691	123691	123691

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

FOR COLORED LENSES

Color	Red	Blue	Amber	Green	Yellow
Multiplying Factor (Approximate)	0.15	0.12	0.51	0.49	0.86

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

Certification:	UL Listed for USA and Canada – Hazardous locations: Class I, Div. 1, Groups C & D Class I, Zone 1, AExd IIB T4. UL Listing No. E187894. – Ordinary locations: Visual-Signal Device. UL Listing No. S8128. ATEX approved: EExd IIC T5. Cert. No. Baseefa 02ATEX0224X.
Materials:	LM25TF Marine Grade Alloy body. Grade 316 ANC4B Stainless Steel body. Toughened Wellglass.
Finish:	Red epoxy paint finish as standard or to customer's specification.
Weight:	LM25: 14.5lb/6.6kg. Stainless Steel: Add 18.5lb/8.5kg.
Certified Temperature:	–67°F to +158°F. –55°C to +70°C.
Ingress Protection:	NEMA 4x & 6, IP66 & 67.
Terminals:	8 off suitable for up to 10 AWG conductor size.
Entries:	Up to 3 x 1/2" or 3/4" NPT.

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.**

Model Type	Certification	Voltage	Terminals	Entries	Flash Rate	Other Options	Lens Guard	Lens Color	Tag/Duty Label	Material	Finish
XB4			8D								

Certification	Code
UL	UL
UL (ordinary locations)	UW

Voltage	Code
24V d.c.	B
110V a.c.	E
240V a.c.	H

Terminals	Type
8 x 10 AWG	8D

Flash Rate	Code
60/min.	06
120/min.	12
240/min.	24

Option	Code
None	A
Yes*	Y
*(Please specify)	

Entries	Code
1/2" NPT	*D
3/4" NPT	*E
*prefix entry size with entry position code (from above diagram e.g. 1D, 2D).	

Lens Guard	Code
None	N
Yes	Y

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

Label	Code
None	N
Yes*	Y
*(Please specify wording)	

Finish	Code
Red	R
Blue	B
Yellow	Y
Grey	G
White	W
Other – specify	S

Material	Code
Alloy	1
Stainless Steel	0

To order ATEX approved version see European data sheet.



All the above specifications, dimensions, weights and tolerances are nominal (typical) and MEDC reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.