

# XB4 21 joule xenon strobe range

Hazardous locations, ordinary locations



## Overview

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 lightweight 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.

## Features

- 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



## Certifications

<b>Certification</b>	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
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## Specifications

<b>Material</b>	LM25TF marine grade alloy body Grade 316 ANC4B stainless steel body Toughened wellglass
<b>Finish</b>	Epoxy paint finish as standard or to customer specification
<b>Weight</b>	LM25: 14.5lb/6.6kg Stainless steel: add 33lb/15.1kg
<b>Certified temp</b>	-67°F to +158°F -55°C to +70°C
<b>Ingress protection</b>	NEMA 4x & 6, IP66 & IP67
<b>Terminals</b>	8 off suitable for up to 10 AWG conductor size
<b>Relay initiate</b>	Available on all versions
<b>Entries</b>	Up to 3 x ½" or ¾" NPT
<b>Tube life</b>	>1 x 10 <sup>6</sup> flashes

## Electrical ratings

	d.c.	a.c. 50/60Hz	
<b>Voltage</b>	24	110	240
<b>Tube energy (Joules)</b>	21	21	21
<b>Current (mA)</b>	1400	350	185
<b>Effective intensity (Cd)</b>	355	355	355
<b>Peak intensity (Cd)</b>	123691	123691	123691

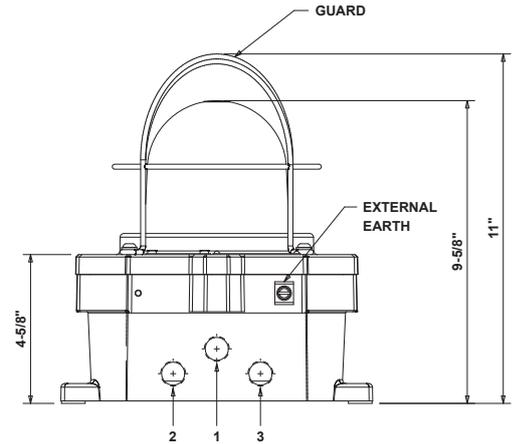
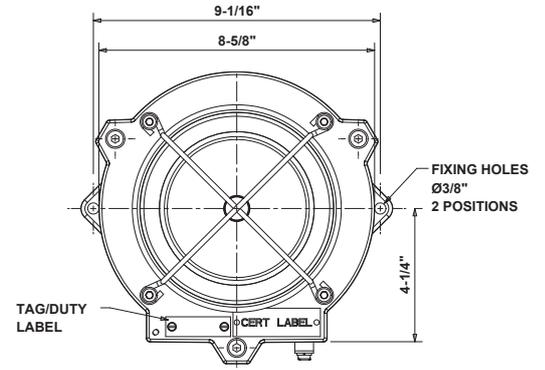
NOTE: The Cd figures are for a clear lens @ 1Hz flash rate

## 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. Reports is available if required

## General arrangement drawing (all dimensions in inches)



## 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

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