

# XB13 Range - 10 JOULE XENON BEACONS



## Harsh Industrial & Marine Environments



## Features

- Weatherproof.
- IP66 & IP67.
- Operating temperature:  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$ .
- Corrosion resistant red painted GRP body.
- High intensity flash.
- Polycarbonate lens, various colours available.
- Retained stainless steel cover screws.
- Optional lens guard.
- Optional telephone or relay initiate.
- 3 x M20 cable entries.
- Replaceable tube.
- Switchable dual flash.

## Introduction

This range of ruggedised, weatherproof beacons, have been designed with high ingress protection to cope with harsh environmental conditions.

**Authorized Distributor:**  
**GasDetectorsUSA.com**  
**Houston, TX USA**  
**832-615-3588**  
**sales@GasDetectorsUSA.com**

**IP66/67**  
**Weatherproof**

**Corrosion Free**  
**GRP/Polycarbonate**

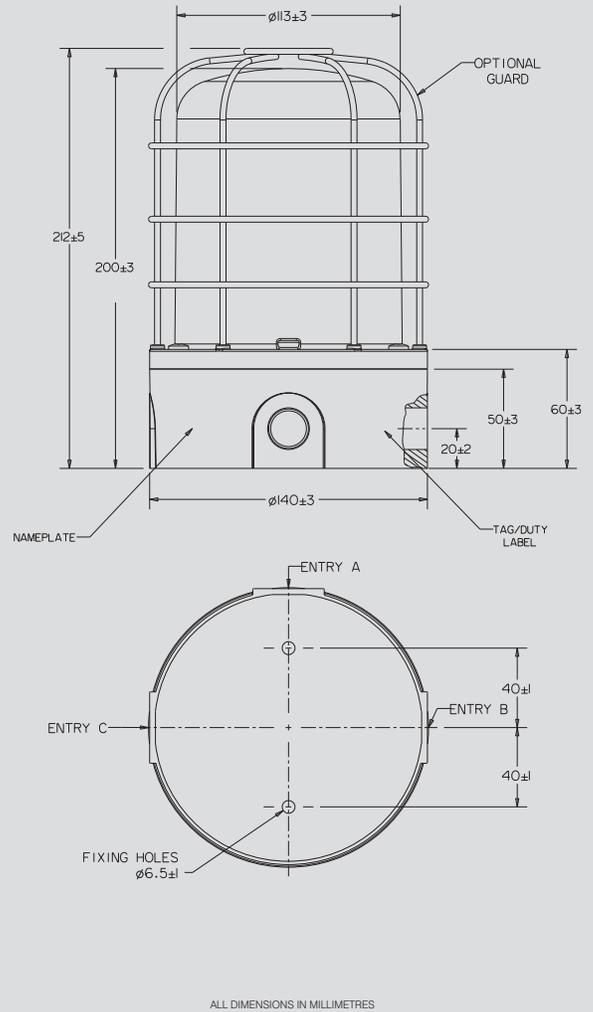


# Specification

<b>Material:</b>	UV stable glass reinforced polyester body. UV stable polycarbonate cover/lens. Retained stainless steel cover screws.	
<b>Finish:</b>	Painted red as standard or to Customer specification.	
<b>Tube Energy:</b>	10 Joules (second flash 7.5 Joules).	
<b>Weight:</b>	1.1kg.	
<b>Operating Temp:</b>	-40°C to +70°C.	
<b>Ingress Protection:</b>	IP66 & IP67.	
<b>Tube Life:</b>	> 1 x 10 <sup>6</sup> flashes.	
<b>Voltage:</b>	12V d.c., 24V d.c., 115V a.c., 230V a.c.	
<b>Current Consumption:</b>	<b>Voltage</b>	<b>Current Consumption</b>
	12V d.c.	1.4A
	24V d.c.	650m
	115V a.c.	180mA
	230V a.c.	100mA
<b>Tube Type:</b>	Xenon discharge.	
<b>Lens Colour:</b>	Various colours available.	
<b>Terminals:</b>	8 x 2.5mm <sup>2</sup> .	
<b>Flash Rate:</b>	1 flash per second.	
<b>Dual Flash Rate:</b>	Time between dual flashes = 0.5 seconds. Charging time = 1 second. Cycle repeats every 1.5 seconds.	
<b>Labels:</b>	Duty and tag labels available.	
<b>Cable Entries:</b>	Up to 3 x M20 via knockouts.	
<b>Intensity:</b>	Effective intensity 220 Cd. Peak intensity 75,000 Cd. (Figures are for clear lens at 1Hz flash rate).	

## Multiplying Factor for Colored Lenses:

Red	Blue	Amber	Green	Yellow
0.15	0.12	0.51	0.49	0.86



# 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. **Standard products available ex-stock. Please visit [www.coopermedc.com](http://www.coopermedc.com) for further details.**

<b>Model</b> XB13	<b>Voltage</b> [ ]	<b>Lens Colour</b> [ ]	<b>Guard</b> [ ]	<b>Unit Options</b> [ ]	<b>Finish</b> [ ]																																																
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