XB13 Range - 10 JOULE XENON BEACONS

Crouse-Hinds by EATON

Harsh Industrial & Marine Environments

Features

- Weatherproof.
- IP66 & IP67.
- Operating temperature: –40°C to +70°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.

IP66/67 Weatherproof

Corrosion Free GRP/Polycarbonate

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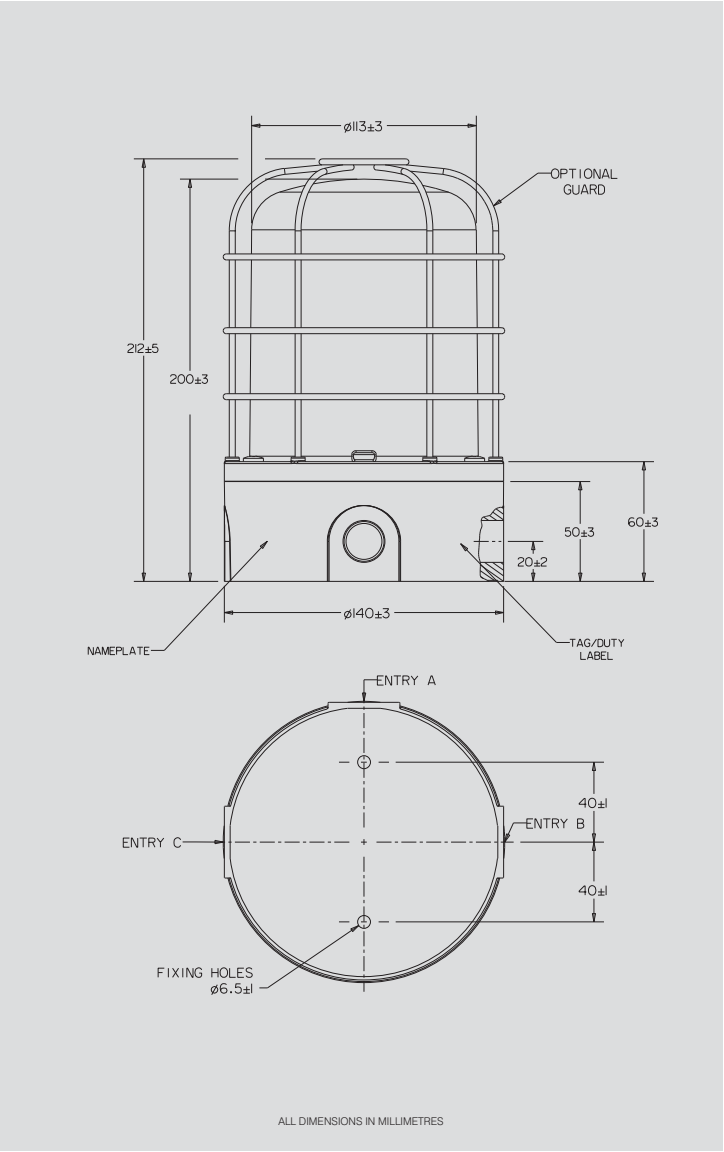
Certification and Specification

Material:	UV stable glass reinforced polyester body. UV stable polycarbonate cover/lens. Retained stainless steel cover screws.
Finish:	Painted red as standard or to Customer specification.
Tube Energy:	10 Joules (second flash 7.5 Joules).
Weight:	1.1kg.
Operating Temp:	–40ºC to +70ºC.
Ingress Protection:	IP66 & IP67.
Tube Life:	>1 x 10^6 flashes.
Voltage:	12V d.c., 24V d.c., 48V d.c., 115V a.c., 230V a.c.
Current Consumption:	Voltage – Current Consumption 12V d.c. – 1.4A 24V d.c. – 650mA 48V d.c. – 360mA 115V a.c. – 180mA 230V a.c. – 100mA
Tube Type:	Xenon discharge.
Lens Colour:	Various colours available.
Terminals:	8 x 2.5mm^2.
Flash Rate:	1 flash per second.
Dual Flash Rate:	Time between dual flashes = 0.5 seconds. Charging time = 1 second. Cycle repeats every 1.5 seconds.
Labels:	Duty and tag labels available.
Cable Entries:	Up to 3 x M20 via knockouts.
Intensity:	Effective intensity 220 Cd. Peak intensity 75,000 Cd. (Figures are for clear lens at 1Hz flash rate).
Relay Initiate:	Initiation by telephone ringing tone or low voltage control signals - not available with 48Vdc

Multiplying Factor for Coloured 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.

Model

XB13

Voltage

Voltage	Code
12V d.c.	012
24V d.c.	024
48Vd.c.	048
115V a.c.	115
230V a.c.	230

Lens Colour

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

Guard

Guard	Code
Yes	Y
None	N

Unit Options

Options	Code
Duty	D*
Tag	T*
Telephone Initiate	I
Relay Initiate	R
None	N

* Please specify wording.
† Not available with 48Vdc.

Finish

Finish	Code
Painted Red	R
Special	S*

*Please specify.