Crouse-Hinds
by **EAT•N**

Hazardous Location, Weatherproof

Features

- UL listed for USA and Canada.
  - – Hazardous locations:
    - Class I, Div. 2, Groups C & D.
    - Class I, Zones 1 & 2, AExd IIB T5.
  - – Ordinary locations: Visual-Signal Device.
- CSFM approved.
- ATEX approved.
- Xenon.
- Output 22,000 Candela.
- NEMA 4x and 6, IP66 & 67.
- 24V d.c., 110 & 240V a.c.
- Certified temperature: –67°F to +158°F.
  –55°C to +70°C.
- 4 wire monitored connection.
- Corrosion resistant GRP.
- Optional stainless steel backstrap.
- Various lens colours.
- Optional lens guard.
- Available as a status light.

Introduction

These certified strobes have been designed for use in potentially explosive atmospheres and harsh environmental conditions. The glass reinforced polyester enclosure is suitable for use onshore and offshore, where light weight combined with a high level of corrosion is required.

The strobe housing is manufactured completely from a U.V. stable, glass reinforced polyester. Stainless steel screws and mounting bracket are incorporated ensuring a totally corrosion free product.

Units can be painted to customer specification and supplied with identification labels.

European, Chinese and other worldwide approvals are available, refer to main section of catalogue.

c(UL)us ⟨Ex⟩ ATEX *IECEx*
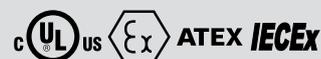
Certification and Specification

Certification:	UL Listed for USA and Canada. – Hazardous locations: Class I, Div. 2, Groups C & D. Class I Zones 1 & 2, AExd IIB T5. UL Listing No. E187894. – Ordinary locations: Visual-Signal Device. UL Listing No. S8128.
Material:	Body: Glass reinforced polyester. Lens: Glass. Cover Screws + Backstrap: Stainless steel 316.
Finish:	Natural black or painted to customer specification.
Weight:	$5\frac{1}{2}$ lb/2.5kg.
Certified Temp:	-67^oF to $+158^oF$ (-55^oC to $+70^oC$.) hazardous locations. -67^oF to $+131^oF$ (-55^oC to $+55^oC$) ordinary locations.
Ingress Protection:	NEMA 4x and 6, IP66 & 67.
Terminals:	6 off suitable for up to 14 AWG conductor size.
Labels:	Duty/Tag Label optional.
Entries:	2 x $^1/_2$" NPT.
Strobe/Sounder Unit:	The beacon may be combined with an MEDC sounder to create a visual/audible alarm. Contact MEDC for price and specification.
Tube Life:	$>1 \times 10^6$ Flashes

Electrical Ratings:

	d.c.	a.c. 50/60Hz	
Voltage	24	110	240
XB11 Tube Energy (Joules)	5	5	5
Peak Current Consumption (mA)	320	100	60
Effective Intensity (Cd)	29	29	29
Peak Intensity (Cd)	22213	22213	22213
Power Consumption (Watts)	8	11	18

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 given above has been verified by BSI. Reports are available if required.

ALL DIMENSIONS IN INCHES
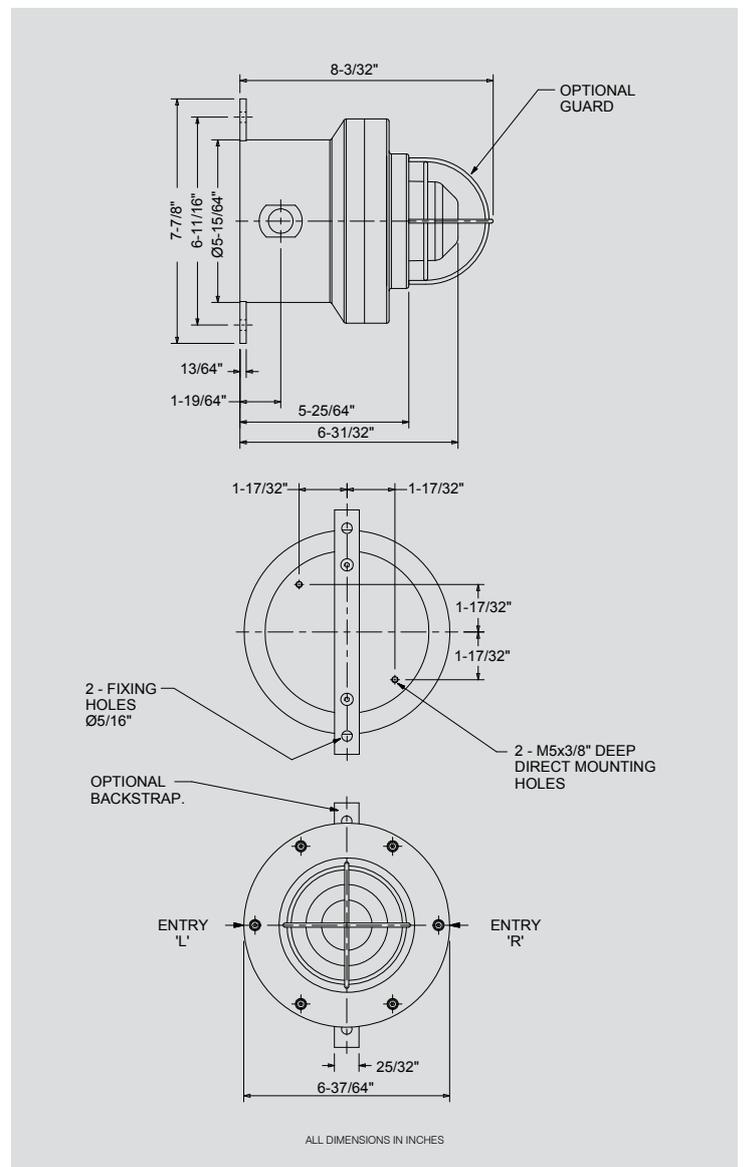
Ordering Requirements

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.

Model: **XB11** | Certification | Voltage | Flashrate | Lens Colour | Lens Guard | Fixing | Earth Continuity: **N** | Tag/Duty | Options | Finish

Certification	Code
UL	UL
UL (ordinary locations)	UW

Flashrate	Code
60 / min	06

Other flash rates available, please specify.

Guard	Code
None	N
Yes	Y

Continuity	Code
None	N

Options	Code
None	N
Blanking Plug	P

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

* Please specify.

Voltage	Code
24V d.c.	024
48V d.c.	048
110V a.c.	110
120V a.c.	120
240V a.c.	240

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

Fixings	Code
Direct mount without backstrap	D
Direct mount with backstrap	B

Label	Code
None	N
Yes	Y*

*Please specify.

To order ATEX approved version, see European data sheet.

MEDC