These listed strobes have been designed for use in potentially explosive atmospheres and harsh environmental conditions. The enclosures are suitable for use offshore or onshore, where a lightweight product combined with corrosion resistance is required.

The housing is manufactured from a U.V. stable, glass reinforced polyester, with the lens manufactured from a U.V. stable polycarbonate. Stainless steel screws are used, ensuring a totally corrosion-free product.

The strobes contain supervisory diode and four wire leads for fire alarm applications. This strobe is also available UL 1971 (ADA) Listed for hearing impaired applications.

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

Applications:
- Condition signaling
- Security alert
- Equipment obstruction warning
- Emergency evacuation signaling

Features and Benefits:
- Pipe mount with 1/2" NPT entry
- Corrosion resistant GRP enclosure
- XB16 580,000 peak candlepower
- XB15 520,000 peak candlepower
- Polycarbonate lens, various colors available†
- 4 wire diode monitored board
- Optional relay initiate
- Optional lens guard

†UL 1971 version available with clear lens only (XB16 only).
*Conforms to UL regulated voltage.
Strobe Lights

MEDC Series

SM87 HXB 5 Joule Xenon Strobe—Explosionproof

Certification
UL Listed for:
cULus, CSA, ATEX
Class I, Div. 1, Groups C, D
Class I, Zone 1

Certified Ambient Temperature
-67°F to +158°F
-55°C to +70°C

Ingress Protection
NEMA 4X & 6
IP66 & 67

Material
Alloy

Entries
Up to 2 × ½” or ¾” NPT, M20, M25

Weight
4.4lb/2.0kg approx.

Options
Body & lens color, certification, lens guard,
voltages 24–48V DC, 110–254V AC

SM87 HXB 5 Joule Xenon Strobe—Explosionproof

Certification
UL Listed for:
cULus, ATEX
Class I, Div. 2, Groups C, D
Class I, Zones 1 & 2, AExd IIB T5

Certified Ambient Temperature
-67°F to +158°F
-55°C to +70°C

Ingress Protection
NEMA 4X & 6
IP66 & 67

Material
Corrosion-free GRP

Entries
2

Weight
2.6lb/1.2kg

Options
Body & lens color, voltages 24V DC, 110–254V AC

XB11 5 Joule Xenon Strobe—Hazardous Locations

Certification
UL Listed for:
cULus, ATEX
Class I, Div. 2, Groups C, D
Class I, Zones 1 & 2, AExd IIB T5

Certified Ambient Temperature
-67°F to +158°F
-55°C to +70°C

Ingress Protection
NEMA 4X & 6
IP66 & 67

Material
Corrosion-free GRP

Entries
2 × ⅛” NPT, 20mm

Weight
2.6lb/1.2kg

Options
Body & lens color, voltages 24V DC, 110–254V AC

Crouse-Hinds
by


1239
**Specification—XB11 Unit**

**Certification:**
- 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
  - ATEX approved:
    - Exd IIB T5/T6
    - Cert. No. 99 ATEX 2195X
    - CENELEC EN50014 and EN50018

**Material:**
- Body: Glass reinforced polyester
- Lens: Glass
- Cover Screws + Backstrap: Stainless steel 316

**Finish:**
- Natural black or painted to customer specification

**Weight:** 5.5lb/2.5kg

**Certified Temperature:**
- Standard unit SM87 HXB: –67°F to +158°F, –55°C to +70°C
- High temperature unit: –67°F to +185°F, –55°C to +85°C

**Ingress Protection:** NEMA 4X & 6, IP66 & 67

**Terminals:** 6 off suitable for up to 14 AWG conductor size

**Labels:** Duty/tag label optional

**Entries:** 2 × 1/2" NPT, 20mm

**Strobe/Sounder Unit:**
- The beacon may be combined with an MEDC Sounder to create a visual/audible alarm.
  - Contact MEDC for price and specification.

**For Colored Lenses**

<table>
<thead>
<tr>
<th>Color</th>
<th>Red</th>
<th>Blue</th>
<th>Amber</th>
<th>Green</th>
<th>Yellow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiplying Factor</td>
<td>0.15</td>
<td>0.12</td>
<td>0.51</td>
<td>0.49</td>
<td>0.86</td>
</tr>
</tbody>
</table>

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

**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.