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.

Certifications and Compliances:
- UL Listed for USA and Canada
  - Hazardous locations for USA and Canada
    Class I, Div. 2, Groups A, B, C, D*
    UL 1971 compliant version available
  - Ordinary locations: Visual Signal Device
    NEMA 4X and 6, IP66 & 67
    Certified temperature
    -67°F to +158°F
    -55°C to +70°C

Typical Industries:
- Utility gas plants
- Wastewater treatment plants
- Mining
- Petroleum refineries
- Chemical and petrochemical
- Pulp and paper
## MEDC Series

### XB15

15 Joule Flashing Xenon—Hazardous & Ordinary Locations

<table>
<thead>
<tr>
<th>Certification</th>
<th>Voltage</th>
<th>Lens Color</th>
<th>Ordering Code</th>
<th>Cat. #</th>
<th>Standard Product Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>120V AC</td>
<td>Red</td>
<td>869400</td>
<td>XB15UL12006RWBNN</td>
<td>15 joules, direct mount with backstrap, x 3/4&quot; NPT side entries, wire guard, 60 flashes per minute, natural black finish</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>120V AC</td>
<td>Amber</td>
<td>869401</td>
<td>XB15UL12006AWBNN</td>
<td>15 joules, pipe mount, 1 x 3/4&quot; NPT entry, wire guard, 60 flashes per minute, natural black finish</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>120V AC</td>
<td>Red</td>
<td>869402</td>
<td>XB15UL12006RWPNN</td>
<td>15 joules beacon, 60 flashes per minute, wire guard, backstrap, 2 x 3/4&quot; NPT entries, natural black enclosure</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>120V AC</td>
<td>Amber</td>
<td>869403</td>
<td>XB15UL12006AWPNN</td>
<td>15 joules beacon, 60 flashes per minute, wire guard, pipe mounting, 1 x 3/4&quot; NPT entry, natural black enclosure</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>120V AC</td>
<td>Clear</td>
<td>27600042</td>
<td>XB15UL02406CWBN</td>
<td>15 joules, direct mount with backstrap, x 3/4&quot; NPT side entries, wire guard, 60 flashes per minute, natural black finish</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>24V DC</td>
<td>Green</td>
<td>27600043</td>
<td>XB15UL02406GBNN</td>
<td>15 joules beacon, 60 flashes per minute, wire guard, backstrap, 2 x 3/4&quot; NPT entries, natural black enclosure</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>24V DC</td>
<td>Blue</td>
<td>869393</td>
<td>XB15UL02406WBNN</td>
<td>15 joules beacon, 60 flashes per minute, wire guard, pipe mounting, 1 x 3/4&quot; NPT entry, natural black enclosure</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>24V DC</td>
<td>Red</td>
<td>869398</td>
<td>XB15UL02406RWPNN</td>
<td>15 joules beacon, 60 flashes per minute, wire guard, pipe mounting, 1 x 3/4&quot; NPT entry, natural black enclosure</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>24V DC</td>
<td>Amber</td>
<td>869399</td>
<td>XB15UL02406AWPNN</td>
<td>15 joules beacon, 60 flashes per minute, wire guard, pipe mounting, 1 x 3/4&quot; NPT entry, natural black enclosure</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>24V DC</td>
<td>Clear</td>
<td>27600047</td>
<td>XB15UL02406CPBN</td>
<td>15 joules, direct mount with backstrap, x 3/4&quot; NPT side entries, wire guard, 60 flashes per minute, natural black finish</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>24V DC</td>
<td>Green</td>
<td>27600048</td>
<td>XB15UL02406GPBN</td>
<td>15 joules beacon, 60 flashes per minute, wire guard, backstrap, 2 x 3/4&quot; NPT entries, natural black enclosure</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>24V DC</td>
<td>Blue</td>
<td>869394</td>
<td>XB15UL02406BPNN</td>
<td>15 joules beacon, 60 flashes per minute, wire guard, pipe mounting, 1 x 3/4&quot; NPT entry, natural black enclosure</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>24V DC</td>
<td>Red</td>
<td>869396</td>
<td>XB15UL02406RPNN</td>
<td>15 joules beacon, 60 flashes per minute, wire guard, pipe mounting, 1 x 3/4&quot; NPT entry, natural black enclosure</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>24V DC</td>
<td>Amber</td>
<td>869397</td>
<td>XB15UL02406APNN</td>
<td>15 joules beacon, 60 flashes per minute, wire guard, pipe mounting, 1 x 3/4&quot; NPT entry, natural black enclosure</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>120V AC</td>
<td>Clear</td>
<td>27600052</td>
<td>XB15UL12006CBNN</td>
<td>15 joules, direct mount with backstrap, x 3/4&quot; NPT side entries, wire guard, 60 flashes per minute, natural black finish</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>120V AC</td>
<td>Green</td>
<td>27600053</td>
<td>XB15UL12006GBNN</td>
<td>15 joules beacon, 60 flashes per minute, wire guard, backstrap, 2 x 3/4&quot; NPT entries, natural black enclosure</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>120V AC</td>
<td>Blue</td>
<td>869405</td>
<td>XB15UL12006BBN</td>
<td>15 joules beacon, 60 flashes per minute, wire guard, pipe mounting, 1 x 3/4&quot; NPT entry, natural black enclosure</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>120V AC</td>
<td>Clear</td>
<td>27600057</td>
<td>XB15UL12006CPNN</td>
<td>15 joules, direct mount with backstrap, x 3/4&quot; NPT side entries, wire guard, 60 flashes per minute, natural black finish</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>120V AC</td>
<td>Green</td>
<td>27600058</td>
<td>XB15UL12006GPNN</td>
<td>15 joules beacon, 60 flashes per minute, wire guard, backstrap, 2 x 3/4&quot; NPT entries, natural black enclosure</td>
</tr>
<tr>
<td>UL, cUL Listed, Class I, Div. 2, Groups A, B, C, D</td>
<td>120V AC</td>
<td>Blue</td>
<td>869404</td>
<td>XB15UL12006BPPN</td>
<td>15 joules beacon, 60 flashes per minute, wire guard, pipe mounting, 1 x 3/4&quot; NPT entry, natural black enclosure</td>
</tr>
</tbody>
</table>

**Certification:** cULus, ATEX

**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:**

Up to 3 x 1/2" NPT or 3 x 3/4" NPT

**Weight:**

6–8lb/2.6-3.6kg

**Options:** Body & lens color, voltages 12–48V DC, 110–254V AC
Strobe Lights

Hazardous Locations
Weatherproof

MEDC Series

**Electrical Ratings:**

<table>
<thead>
<tr>
<th>Voltage (V)</th>
<th>DC</th>
<th>110</th>
<th>120</th>
<th>220</th>
<th>240</th>
<th>254</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current (A)</td>
<td>.78</td>
<td>.67</td>
<td>.4</td>
<td>.4</td>
<td>.2</td>
<td>.2</td>
</tr>
<tr>
<td>Current (A)</td>
<td>.99</td>
<td>.73</td>
<td>.4</td>
<td>.4</td>
<td>.2</td>
<td>.2</td>
</tr>
</tbody>
</table>

Effective Candlepower: 330 (Effective candlepower is the intensity that would appear to an observer if the light was burning steadily)

Peak Candlepower: 520,000 (Peak candlepower is the maximum light intensity generated by a flashing light during its light pulse)

**Multiplying Factor for Colored Lenses:**

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

**Specification—XB15 Unit**

**Certification:**
UL Listed for USA and Canada:
- Hazardous locations
  - Class I, Div. 2, Groups A, B, C, D
  - Class I, Zone 1, AExd IIC T5/T6
  - UL listing No. E187894
- Ordinary locations: Visual Signal Device
  - UL listing No. S8128
  - CENELEC/ATEX approved
  - CENELEC EN50014 & EN50018
  - ATEX Cert. No. Baseefa 04ATEX0009X

**Material:**
- Body: Glass reinforced polyester
- Lens: Glass
- Backstrap: stainless steel 316
- Wire Guard (optional): stainless steel wire
- Cast Guard (optional): aluminium LM25M

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

**Voltage:**
24, 48V DC
110, 120, 230, 240, 254V AC

**Tube Energy:** 15 joules

**Tube Life:** >1 x 10^6 flashes

**Flash Rate:** 60, 80, 120 fpm

**Certified Temperature:**
-67°F to +131°F (-55°C to +55°C) T6
-67°F to +158°F (-55°C to +70°C) T5

**Weight:**
Pipe mount: 5.75 lb/2.6kg; Direct mount: 6.5 lb/3.0kg

**Ingress Protection:**
NEMA 4X & 6, IP66 & IP67

**Entries:**
Supplied as 2 × ¾" NPT (direct mount) or ¾" (pipe mount) as standard
Other options available:
Up to 3 × ⅜" NPT or 3 × ¾" NPT (direct mount);
¾" NPT (pipe mount) — contact sales office to order

**Terminals:**
Direct mount: 12 x 14AWG
Pipe mount: 8 x 14AWG

**Relay Initiate:**
Available on all units — suitable for 24V DC supplies only

**Labels:**
Tag/Duty label option

**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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Certification</th>
<th>Voltage</th>
<th>Lens Flashrate</th>
<th>Lens Color</th>
<th>Unit Guard</th>
<th>Fixing</th>
<th>Unit Options</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>XB15</td>
<td>ATEX B, UL</td>
<td>24V DC</td>
<td>06</td>
<td>08</td>
<td>None</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lens Flashrate Code</th>
<th>08</th>
<th>12</th>
<th>80 fpm</th>
<th>120 fpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color Code</td>
<td>08</td>
<td>12</td>
<td>Red R</td>
<td>Blue B</td>
</tr>
<tr>
<td>Amber A</td>
<td>Green G</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yellow Y</td>
<td>Clear C</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit Fixing Code</th>
<th>Pipe mount</th>
<th>Direct w/backstrap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>P*</td>
<td>B</td>
</tr>
</tbody>
</table>

*Not available on ATEX version.