

## Strobe - 355 candela, Hazardous Location XB12



### Description:

These high output certified strobes have been designed for use in potentially explosive atmospheres and harsh environmental conditions. The enclosures are suitable for use offshore or onshore, where light weight combined with corrosion resistance 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.

### Features\*:

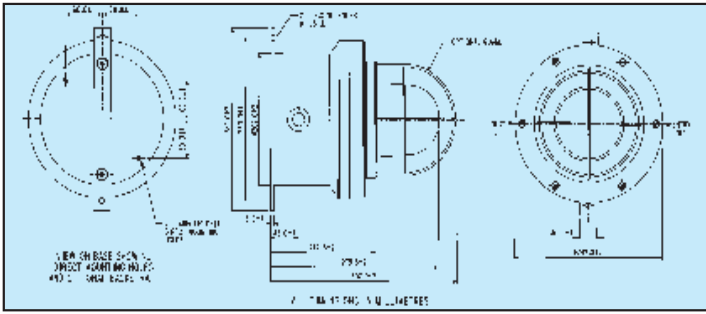
- UL Listed for USA and Canada
  - Hazardous locations:
    - Class I, Div 2, Groups C & D.
    - Class I, Zones 1 & 2, AExd IIB T4 & T5.
  - Ordinary locations: Visual-Signal Device
- California State Fire Marshal (CSFM) Listed
- ATEX approved
- High Output 355 candela with clear lens
- NEMA 4x & 6, IP66 and IP67
- Certified temperature  $-67^{\circ}\text{F}$  to  $+158^{\circ}\text{F}$  ( $-55^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$ )
- Corrosion resistant GRP
- Optional stainless steel backstrap
- Various lens colors
- Optional lens guard
- 4 wire monitored connection
- 24 VDC, 110 & 240 VAC
- Xenon
- Twin replaceable tubes

### Architects and Engineers Specifications

Strobes for hazardous locations and harsh environments shall be UL and cUL listed for Class I, Division 2, Groups C&D, and Class I, Zones 1&2, AExd IIB T4/T5 applications and shall be listed under UL Standard 1638 for Indoor/Outdoor use. They shall be constructed of lightweight, UV stable glass reinforced polyester, shall be corrosion resistant, and shall meet NEMA 4x, NEMA 6, IP 66 & IP 67 environmental requirements over a temperature range of  $-67^{\circ}\text{F}$  to  $+158^{\circ}\text{F}$  ( $-55^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$ ).

The strobes shall be rated to flash at 1 Hz with 355 candela per flash. Rated current draw shall not exceed 1400 mA at 24 vdc. The strobe shall be capable of direct surface mounting in any direction.

Note: Due to continuous development of our products, specifications and offerings are subject to change without notice in accordance with Cooper Wheelock standard terms and conditions.



## Specification

Certification: UL Listed for USA and Canada:  
 – Hazardous locations:  
 Class I, Div 2 Groups C & D.  
 Class I, Zones 1 & 2 AExd IIB T4/T5.  
 UL Listing No: E187894.  
 – Ordinary locations: Visual-Signal Device.  
 California State Fire Marshal (CSFM) Listed, Marine Listed  
 UL listing No. S8128.  
 ATEX approved: EExd IIB T4/T5  
 Cert. No. 99 ATEX 2196

Material: Body: – Glass reinforced polyester (GRP).  
 Lens: – Toughened Glass.  
 Cover Screws + Backstrap: – Stainless steel 316.

Finish: Natural black or painted to customer specification.

Weight: 15.5 lb./7.0Kg.

Certified Temperature: –67°F to +158°F (–55°C to +70°C) hazardous locations  
 –67°F to +131°F (–55°C to +55°C) ordinary locations

Ingress Protection: NEMA 4x & 6, IP66 & IP67.

Terminals: 6 x 10 AWG

Labels: Duty/Tag Label optional.

Entries: 2 x 1/2" NPT

	DC	AC50/60 Hz	
Voltage	24	110	240
XB12 Tube Energy (Joules)	21	21	21
Peak Current Consumption (mA)	1400	350	185
Effective Intensity	355	355	355
Peak Intensity (Cd)	123691	123691	123691
Power Consumption (Watts)	33.6	38.5	44.4

NOTE: The Cd figures are for a clear lens @ 1Hz flash rate.

### For Colored Lenses

Color	Red	Blue	Amber	Green	Yellow
Multiplying Factor	0.15	0.12	0.51	0.49	0.86

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

### Configuration Options:

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.

<b>XB12</b>						<b>N</b>			
Certification Code	Guard Code			Label Code		Options Code			
UL UL	None N Yes Y			None N Yes Y*		Blanking Plug P None N			
UL (ordinary locations) UW				*(Please specify)					
Voltage Code	Color Code			Unit Fixing Code		Continuity Code		Finish Code	
24V d.c. 024	Red R Blue B Green G Amber A Yellow Y Clear C			Direct Mounting D Backstrap B		None N		Natural Black N Red R Blue B Yellow Y Grey G White W Special Finish S	
110V a.c. 110									
240V a.c. 240									
Flash Rate Code									
60/min 06									
Other flash rates available, please specify.									



WE ENCOURAGE AND SUPPORT NICET CERTIFICATION  
 3 YEAR WARRANTY  
 XB12 08/11

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