Strobe - 355 Candela, Hazardous Location
XB15

XB15
Pipe Mount
(with cast guard)

XB15 Direct
Mount (with
wire guard)
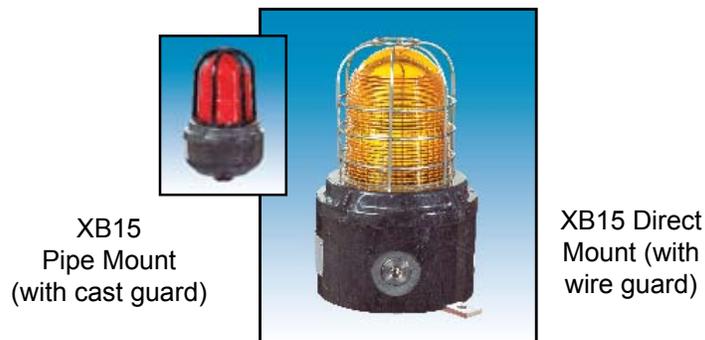
Description:

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 light weight combined with corrosion resistance is required.

The housings are manufactured completely from a U.V. stable, glass reinforced polyester. Stainless steel screws and mounting bracket are available ensuring a totally corrosion-free product.

The model XB15 contains a polarization diode and four wire lead connections for fire alarm applications.

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

Architects and Engineers Specifications

Strobes for hazardous locations and harsh environments shall be UL and cUL Listed for Class I, Division 2, Groups A,B,C&D, and Class I, Zones 1, Class II, Div 2, Groups F & G, AExd IIC T5/T6 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°F to +158°F (-55°C to +70°C).

The strobes shall be rated to flash at 1 Hz with 15 joules per flash. Rated current draw shall not exceed 780 mA at 24 vdc. The strobes shall be available for direct surface mounting or pipe mounting and shall be able to mount 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.

Features*:

- 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
    - Class II, Div. 2, Groups F & G
  - Ordinary locations: Visual-Signal Device
- ATEX approved
- NEMA 4x & 6, IP66 & 67
- Certified temperature –67°F to +158°F (–55°C to +70°C)
- 520,000 peak candlepower
- Pipe mount or direct mount enclosure
- Corrosion-free GRP
- Four wire monitored connection
- Optional stainless steel backstrap (direct mount version only)
- Various lens colors
- Optional relay
- Optional cast or wire lens guard
- Up to 3 x 3/4" NPT entries
- Filament version available (100W max)
  *Depends on version

Specification

Certification:	UL Listed for USA and Canada: – Hazardous locations 　　Class I, Div 2, groups A, B, C & D. Class 1, Zone 1 　　Class II, Div 2, groups F & G, AExd IIC T4/T5. UL listing No. E187894. – Ordinary locations: Visual Signal Device. UL listing No. S8128 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 d.c. 110, 120, 230, 240, 254V a.c.
Tube Energy:	15 Joules.
Tube Life:	>1 x 10^6 flashes.
Flash Rate:	60, 80, 120 fpm.
Certified Temperature:	-67°F to +104°F (T6)　　　-55°C to +40°C (T6) -67°F to +131°F (T5)　　　-55°C to +55°C (T5)
Weight:	Pipe mount: 5.75lb./2.6kg; Direct mount: 6.5lb./3.0kg.
Ingress Protection:	NEMA 4x &6, IP66 & IP67.
Entries:	Supplied as 2 x ¾" NPT (direct mount) or ¾" (pipe mount) as standard. Other options available: Up to 3 x ½" NPT or 3 x ¾" NPT (direct mount); ½" 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 d.c. supplies only.
Labels:	Tag/Duty label option.
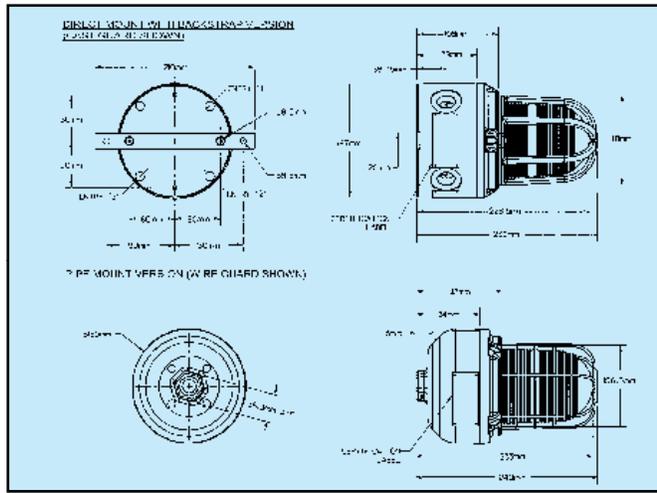
Electrical Ratings:

	d.c		a.c				
Voltage	24	48	110	120	230	240	254
Current (mA)	780	670	400	400	200	200	170
Effective Candela - 330							
Tube Energy (Joules)	15	15	15	15	15	15	15

Multiplying Factor for Colored Lenses:

Red	Blue	Amber	Green	Yellow
0.15	0.12	0.51	0.49	0.86

Configuration Options:

Model	Certification	Voltage	Lens Flashrate	Lens Color	Unit Guard	Fixing	Other Options	Finish
XB15								

Certification	Code
UL	UL
UL (ordinary location)	UW

Voltage	Code
24V d.c.	024
48V d.c.	048
110V a.c.	110
120V a.c.	120
230V a.c.	230
240V a.c.	240
254Va.c.	254

Fpm	Code
60	06
80	08
120	12

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

Guard	Code
None	N
Cast	C
Wire	W

Option Code	
None	N
Tag label	T
Duty label	D
Relay initiate*	R

*Suitable for 24V d.c. supplies only.

Unit Fixing	Code
Pipe mount	P†
Direct mount	D†
Direct w/backstrap	B†

†Contact Sales Office if ½" NPT is required.

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

Standard Models

Series	Model Number	Order Code	Decription
XB15	XB15UL02406RWPNN	109203-001	330 candela Red Lens, Black finish, 24 VDC
XB15	XB15UL02406RWBNN	109203-002	330 candela Red Lens, Black finish, 24 VDC
XB15	XB15UL02406CWBNR	109203-205	Clear Lens, 330 candela, 24 VDC, Pipe mount, Black finish
XB15	XB15UL12006AWBNN	109202-005	Amber Lens, 330 candela, 120 VAC, backstrap mount, Black finish
XB15	XB15UL12006AWPNN	109202-006	Amber Lens, 330 candela, 120 VAC, Pipe mount, Black finish
XB15	XB15UL12006RWBNN	109202-007	Red Lens, 330 candela, 120 VAC, backstrap mount, Black finish
XB15	XB15UL12006RWPNN	109202-208	Red Lens, 330 candela, 120 VAC, Pipe mount, Black finish

NEMA Member

WE ENCOURAGE AND SUPPORT NICET CERTIFICATION
3 YEAR WARRANTY
XB15 02/08

Cooper Notification is Wheelock® MEDC SAFEPATH® WAVES Roam Secure

COOPER Notification