Strobe Lights

Hazardous Locations
Weatherproof

MEDC Series

XB16

XB15 Pipe Mount (with cast guard)

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 ½" 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

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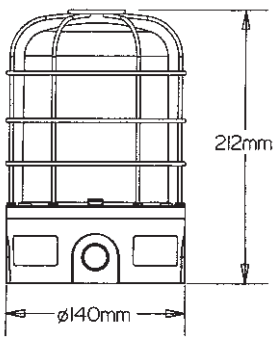
MEDC Series

XB13 — 10 Joule Flashing Xenon—Weatherproof and Heavy Duty

Certification UL Listed for:	Weatherproof IP66 & 67
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 × 20mm via knockouts
Weight	1.1kg
Options	Body & lens color, lens guard, voltages 12–24V DC, 115–230V AC



Certification	Voltage	Lens Color	Ordering Code	Cat. #	Standard Product Configuration
Weatherproof, IP66 & 67	24V DC	Red	813101	**XB13024RNNN**	Dust-tight and weatherproof, uncertified, no tag or duty labels, 3 × 20mm entries via knockouts, 60 flashes per minute, dual and single flash modes, natural red GRP
Weatherproof, IP66 & 67	24V DC	Amber	813102	**XB13024ANNN**	
Weatherproof, IP66 & 67	230V AC	Red	813103	**XB13230RNNN**	
Weatherproof, IP66 & 67	230V AC	Amber	813104	**XB13230ANNN**	

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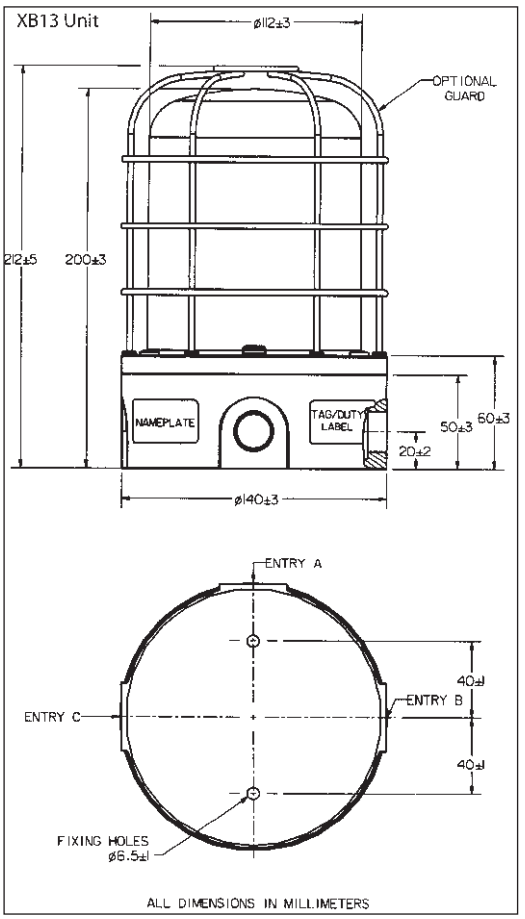
MEDC Series



Specification—XB13 Unit

Materials:	UV stable glass reinforced polyester body UV stable polycarbonate cover/lens Retained stainless steel cover screws
Finish:	Self colored red as standard or epoxy coated to customer's specification
Tube Energy:	10 joules (second flash 7.5 joules)
Weight:	1.1kg
Operating Temperature:	–55°C to +70°C
Ingress Protection:	IP66 & IP67
Tube Life:	>1 × 10^6 flashes
Voltage:	12V DC, 24V DC, 115V AC, 230V AC
Current Consumption:	Voltage / Current Consumption 12V DC / 1.4A 24V DC / 650mA 115V AC / 180mA 230V AC / 100mA
Tube Type:	Xenon discharge
Lens Color:	Various colors available
Terminals:	8 x 2.5mm²
Flash Rate:	1 flash per second
Dual Flash Rate:	Time between dual flashes = 0.5 seconds Charging time = 1 second Cycle repeats every 1.5 seconds
Labels:	Duty and tag labels available
Tube Type:	Up to 3 × M20 via knockouts
Intensity:	Effective intensity 220 Cd. Peak intensity 75,000 Cd. (Figures are for clear lens at 1Hz flash rate).

For Colored Lenses

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

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.

Unit Type	Voltage	Lens Color	Lens Guard	Options	Unit Finish is Red
XB13				N	N

Voltage	Code
24V DC	024
115V AC	115
230V AC	230

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

Guard	Code
Yes	Y
No	N

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