

UL Listed Only, Weatherproof



Introduction

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

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

The model XB16 contains supervisory diode and four wire leads for fire alarm applications. This beacon is also available UL 1971 (ADA) listed for hearing impaired applications.

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

Features

- UL listed for USA and Canada.
 - Hazardous locations for USA and Canada:
 - Class I, Div. 2, Groups A, B, C & D*.
 - Class II, Div. 2, Groups F & G.
 - UL 1971 compliant version available†.
 - Ordinary locations: Visual Signal Device.
 - 'T' Rating model dependent. Contact sales office for information.
- IP66 & 67.
- Certified temperature: -55°C to +70°C.
- Pipe mount with 3/4" NPT entry.
- Corrosion-free GRP enclosure.
- 580,000 peak candlepower.
- Polycarbonate lens, various colours available†.
- 4 Wire diode monitored board.
- Optional relay initiate.
- Optional lens guard.

* *Conforms to UL standard or regulated voltage.*

† *UL 1971 version available with clear lens only.*



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Certification and Specification

Certification:	UL Listed for USA and Canada:
	– Hazardous locations for USA and Canada: UL1604.
	Class I, Div 2, Groups A, B, C & D.
	Class II, Div. 2, Groups F & G.
	UL listing No. E251185.
	– Ordinary locations: Visual Signal Device: UL1638.
	UL listing No. E251185.
	– Hazardous locations for hearing impaired: UL1971.
	UL listing No. E251185.
Material:	Body: Glass reinforced polyester.
	Lens: U.V. stable polycarbonate.
	Lens screws: stainless steel 316.
Finish:	Natural black or painted to customer specification.
Voltage:	24V d.c., 48V d.c.
	110, 120, 230, 240, 254V a.c.
	Conforms to UL regulated voltage output (24Vdc, 120Vac, 240Vac).
Certified Temp:	–55°C to +70°C.
Tube Energy:	10 Joules.
Tube life:	> 1 x 10 ⁶ flashes.
Weight:	1.0kg.
Ingress Protection:	IP66 & IP67.
Entries:	Standard 1 x 3/4" NPT pipe mount. (Contact MEDC if 1/2" NPT is required).
Terminals:	8 x 2.5mm ² .
Labels:	Tag/Duty label option.

Electrical Ratings:

	d.c.		a.c.				
Voltage	24	48	110	120	230	240	254
Current (A)	0.89	0.30	0.38	0.38	0.22	0.22	0.18

Effective candlepower (Cd): 285 at 60 f.p.m.

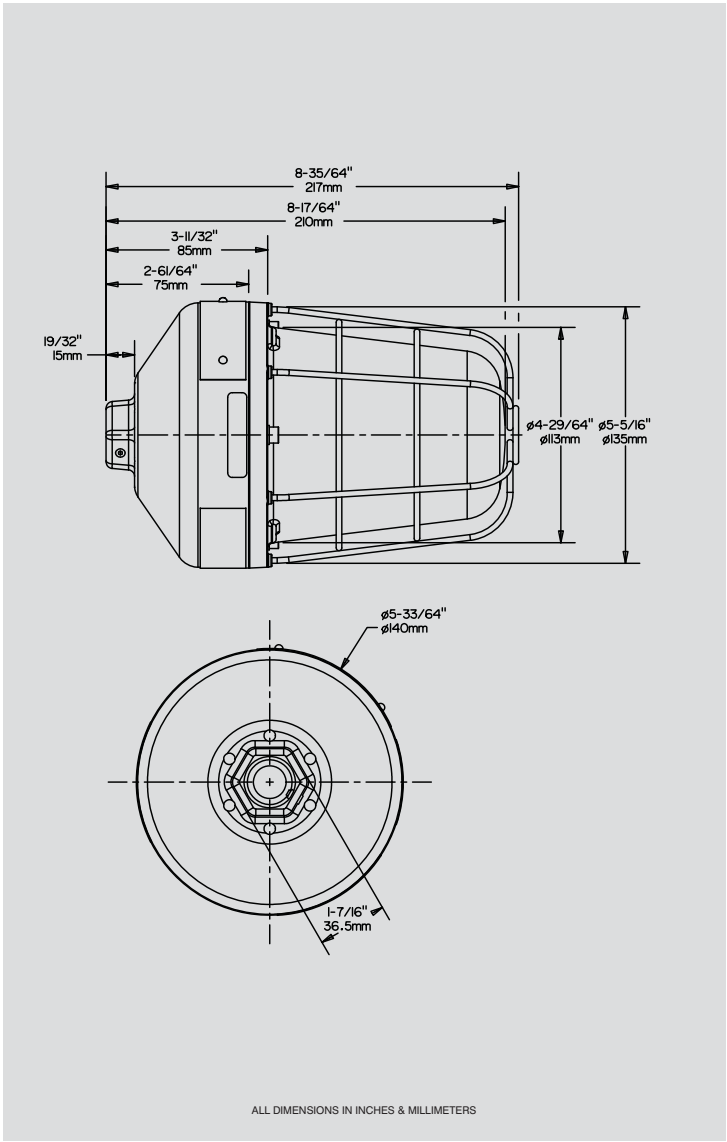
Peak candlepower: 580,000 (Peak candlepower is the maximum light intensity generated by a flashing light during its light pulse).

UL 1971 On-axis output: 15 Cd.

Multiplying Factor for Coloured Lenses:

Red	Blue	Amber	Green	Yellow
0.15	0.12	0.51	0.49	0.86

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



Ordering Requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box.

Model	Certification	Voltage	Flashrate	Lens Colour	Lens Guard	Options	Finish																																																																														
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