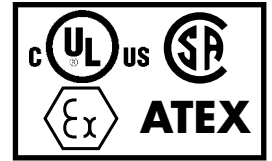


5 JOULE XENON STROBES

Explosion-proof, Weatherproof

SM87 Range



**Now UL listed to +158°F (+70°C)
Ambient Temperature**

Introduction

These certified strobes have been designed for use in harsh environmental conditions.

The stainless steel or marine grade alloy enclosures are suitable for use offshore or onshore, where light weight combined with corrosion resistance and strength is required. Units can be painted to customer specification and fitted with identification labels.

A high temperature unit is available which is ideal for harsh environments.

European, Russian, Chinese and other worldwide approvals are available, refer to main section of catalog.

- ★ UL listed for USA and Canada
 - Class I, Div. 1, Groups C & D.
 - Class I, Zone 1, AExd IIB.
- ★ CSA certified.
- ★ CUL listed.
- ★ ATEX approved.
- ★ Xenon.
- ★ NEMA 4x & 6, IP66 & 67.
- ★ Certified temperature –67°F to +158°F.
–55°C to +70°C.
- ★ High temperature unit (up to 185°F/85°C) available.
- ★ 4 wire monitored connection.
- ★ 24 & 48V d.c.
- ★ 110, 120, 240 & 254V a.c.
- ★ Various lens colours.
- ★ Optional lens guard.

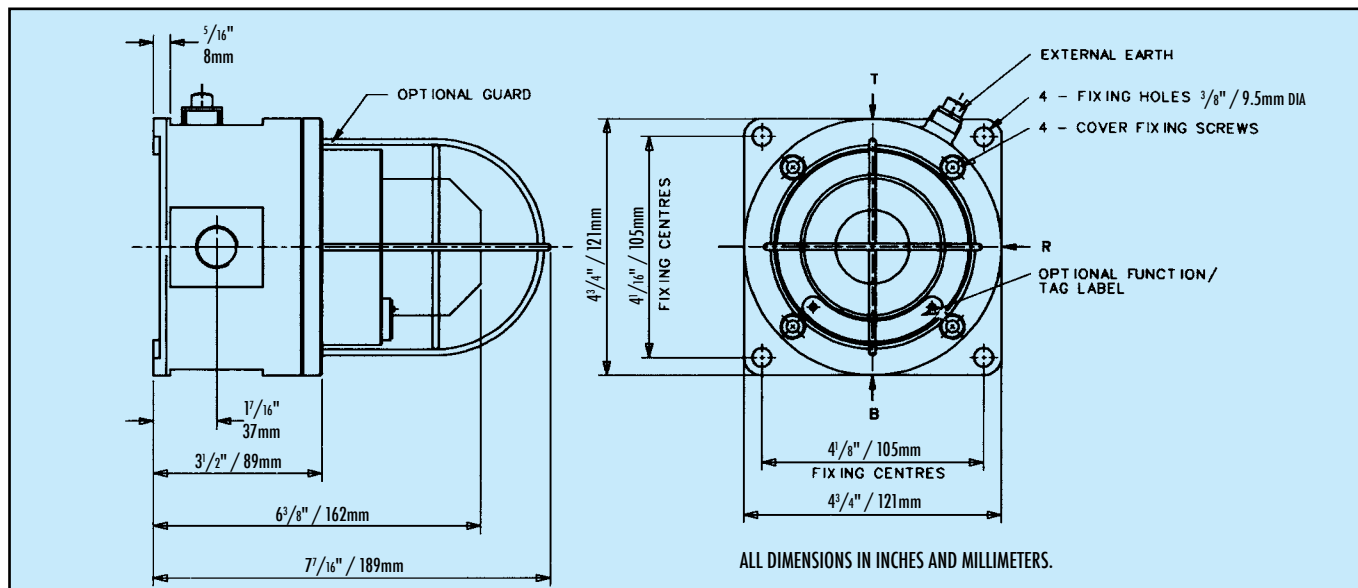
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MEDC



Specification

Certification: UL Listed for USA and Canada for Class I, Div. 1. Groups C & D and Class I, Zone 1. Listing No. E187894. **CSA Certification** to C22.2, Nos. 0, 0.4, 0.5, 9, 30-M1986, 94-M91, 137-M1981, Class 1, Div 1, Group 0, Enclosure 3/4, Cert. No. 96406. **ATEX approved:** EN50014, EN50018, EN50019. Cert. No. Baseefa 03ATEX0222, EExd IIC T6.

Material: Grade 316 ANC4B stainless steel or LM25 TF Marine Grade Alloy. Lens - Toughened Glass.

Finish: Epoxy paint finish as standard or to customer's specification.

Weight: Alloy - 4.4lb/2.0kg. approx. stainless steel - 8.4lb/3.8kg

Certified Temperature: Standard unit SM87 HXB: -67°F to +158°F, -55°C to +70°C. High temperature unit: -67°F to +185°F, -55°C to +85°C.

Ingress Protection: NEMA 4x & 6, IP66 & 67.

Terminals: 4 off suitable for up to 14AWG conductor size.

Labels: Duty & Tag Labels optional.

Entries: Up to 4 off 1/2" or 3/4" NPT.

Voltage	DC		AC 50/60 Hz			
	24	48	110	120	240	254
Tube Energy (Joules)	5	5	6	7	7	8
Peak Current Consumption (mA)	320	170	250	275	135	150
Power Consumption (Watts)	7.2	7.6	25	27	27	35
Effective Intensity (Cd)	29	29	32	39	39	44
Peak Intensity (Cd)	22213	22213	25061	30187	30187	34174

Note: The above figures (Cd) 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 independently verified. A report is available if required.

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. **For standard products, available ex-stock, contact sales office for details.**

Model	Certification	Voltage	Lens color	Lens Guard	Entries	Tag/Duty Label	Other Options	Unit Finish																																																																																							
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All the above specifications, dimensions, weights and tolerances are nominal (typical) and MEDC reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.