



# Specification

**Certification:** Certified to IEC60079-0, IEC60079-1, IEC60079-31  
 Certified to EN60079-0, EN60079-1, EN60079-7, EN60079-31  
 ATEX Cert. No. Baseefa02ATEX0224X  
 Ex II 2 GD Ex d IIC T4/T5/T6 Gb, Ex tb IIIC T85°C/T100°C/T135°C Db  
 or Ex de IIC T5  
 IECEx Cert. No. IECEx BAS 10.0078X  
 Ex d IIC T4/T5/T6 Gb, Ex tb IIIC T85°C/T100°C/T135°C Db  
 UL Listed for USA and Canada  
 Hazardous locations:  
 Class I, Div 1 Groups C-D  
 Class I, Zone 1.  
 Listing No. E187894.  
 Ordinary locations: Visual-Signal Device.  
 Listing No. S8128.  
 Refer to UL data sheet at rear of catalogue for complete information.  
 GOST 'R' Certification: 1 Exd IIC T4.  
 Russian Fire Approval.  
 Brazilian (Inmetro) Certification: BR-Ex d IIC T3/T4/T5/T6.  
 BR-Ex de IIC T3/T4/T5/T6.

**Material:** LM25TF Marine Grade Alloy body.  
 Grade 316 ANC4B Stainless Steel body.  
 Glass reinforced polyester (GRP) terminal chamber.  
 Toughened Wellglass.

**Finish:** Red epoxy paint finish as standard or to customer specification.

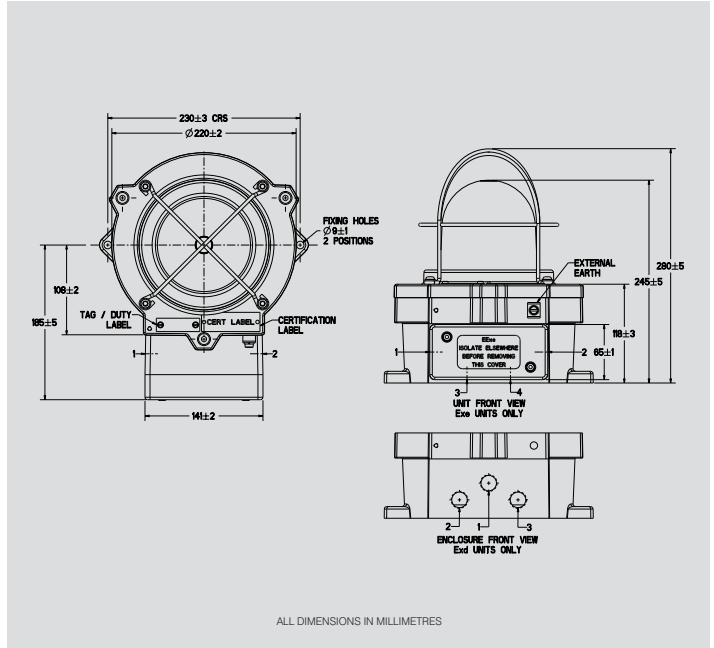
**Certified Temp:** UL -25°C to + 70°C  
 ATEX, IECEx, GOST 'R' & Inmetro  
 -50°C to +55°C (Ex de)  
 -55°C to +70°C (Ex d)

**Weight:** Exd: 6.6kg. Exde: 7.6kg. Add 8.4kg for stainless steel version.

**Entries:** Up to 3 x M20 or 2 x M25 ISO in Exd unit.  
 Up to 4 x M20 or 4 x M25 ISO in Exe unit.

**Terminals:** Exe: 6 off suitable for up to 6mm<sup>2</sup> cable.  
 Exd: 8 off suitable for up to 6mm<sup>2</sup> cable.

**Telephone initiation:** Initiation by telephone ringing tone or low voltage control signals,  
**or relay interface:** plus initiation of a second beacon or sounder.



## Electrical Ratings:

	d.c.	a.c. 50/60Hz	
<b>Voltage</b>	24	110	240
<b>Tube Energy (Joules)</b>	21	21	21
<b>Peak Current Consumption (mA)</b>	1400	350	185
<b>Effective Intensity (Cd)</b>	355	355	355
<b>Peak Intensity (Cd)</b>	123691	123691	123691

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

## Multiplying Factor for Colored Lenses.

Red	Blue	Amber	Green	Yellow
0.15	0.12	0.51	0.49	0.86

The photometric data given above has been verified by BSI. Reports are 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. **For standard products, available ex-stock, contact sales office for details.**

Model	Certification	Voltage	Terminals	Entries	Flashrate	Options	Guard	Lens Colour	Duty Label	Material	Finish																																																																																												
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