

Features

- Xenon tubes mechanically secured against shock & vibration
- Glass lens & Stainless Steel guard
- Very large termination area.
- Ratchet adjustable stainless steel 'U' bracket.

Approvals

- ATEX certificate: KEMA 00ATEX2006,

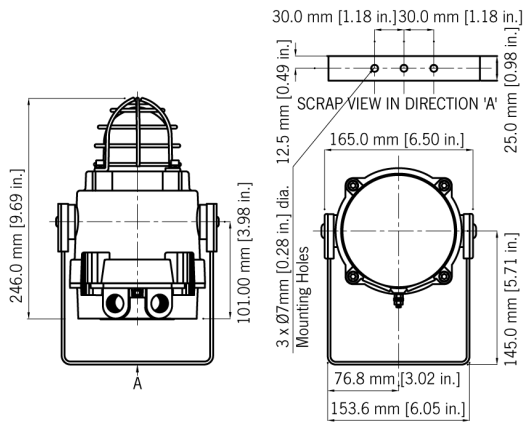
EN 60079-0 : 2006, EN 60079-1 : 2007,

EN 61241-0 : 2006, EN 61241-1 : 2004
- IECEx certificate: IECEx KEM 10.0002,

IEC 60079-0 : 2004 (Ed4), IEC 60079-1 : 2007 (Ed6),

IEC 61241-0 : 2004 (Ed1), IEC 61241-1 : 2004 (Ed1)
- GOST-R certificate: POCC GB.JB05.B03365
- Inmetro certificate: 10Ex-0010





Specification

Energy:	5 Joules (5Ws)
Flash rate:	1Hz (60 fpm)
Peak Candela:	500,000 cd – calculated from energy (J)
Eff. Intensity cd:	250 cd – calculated from energy (J)
Peak Candela:	34,812 cd* – measured ref. to I.E.S.
Eff. Intensity cd:	105 cd* – measured ref. to I.E.S.
Lens colours:	Amber, Blue, Clear, Green, Red & Yellow
Voltages AC:	115vac; 230vac
Ingress protection:	IP66/67
Enclosure matl:	Marine grade copper free LM6 Aluminium
Enclosure finish:	Chromate & powder coated finish – anti-corrosion.
Colour:	RAL3000 Red (others available on request)
Cable entries:	Dual M20 ISO (one stopping plug inc)
Terminals:	0.5 – 2.5mm ² (20-14 AWG)
Enclosure volume:	<2 litres
Tube life :	Emissions are reduced to 70% after 8 million flashes
Weight :	2.75kg/6.05lbs

*Candela measurements representative of performance with clear lens at optimum voltage.

Part Codes

Part Code:	Classification:
BExTBG05D**	ATEX / IECEx: II 2G Ex d IIC T4 Ta. -50°C to +70°C II 2G Ex d IIC T5 Ta. -50°C to +55°C II 2G Ex d IIC T6 Ta. -50°C to +40°C II 2D Ex tD A21 IP67 T115°C based on max. Ta. 70°C
	GOST-R: 1ExdIICT4 Ta. -50° to +55°C DIP A21 Ta T4

** = Voltage & lens colour reference:

Voltage options:	115AC, 230AC		
Lens colour options:	-AM (Amber)	-BL (Blue)	-CL (Clear)
	-GN (Green)	-RD (Red)	-YW (Yellow)

e.g: BExTBG05D115AC-AM

Current Consumption

Version:		Voltage:	Current:
115V ac	50Hz/60Hz	+/-10%	140mA
230V ac	50Hz/60Hz	+/-10%	55mA