

E2xB05 Xenon Strobe Beacon 5 Joule

The hazardous area E2xB05 Xenon strobe beacon is ATEX certified for Zone 2 applications and also UL approved for Class I Div 2 applications.

The E2xB05 is a 5 Joule Xenon strobe beacon with a 1Hz (60 fpm) flash rate. The E2x range features enclosures manufactured from lightweight, high performance PPS which, with its corrosion proof properties, is suitable for the harshest of environments.

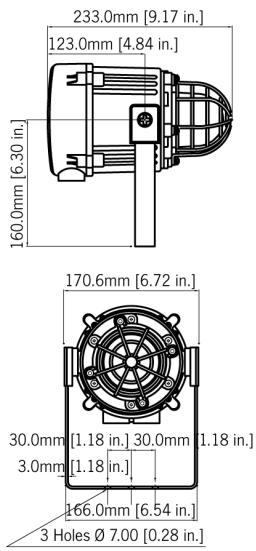
Features

- Very large termination area.
- Ratchet adjustable stainless steel 'U' bracket.
- Stainless Steel dome guard as standard
- Xenon tube mechanically secured against vibration & shock.
- User replaceable Xenon tube assembly.

Approvals

- ATEX certificate: DEMKO 06 ATEX 0421554, EN 50021: 1999
- UL File ref: E245313





Specification

Energy:	5 Joules (5Ws)
Flash rate:	1Hz (60 fpm)
Peak Candela:	500,000 cd - calculated from energy (J)
Effective Intensity cd:	250 cd - calculated from energy (J)
Peak Candela:	31,950 cd* - measured ref. to I.E.S.
Effective Intensity cd:	101 cd* - measured ref. to I.E.S.
Lens colours:	Amber, Blue, Clear, Green, Red & Yellow
Voltages DC:	12vdc; 24vdc; 48vdc
Voltages AC:	115vac; 230vac
Ingress protection:	ATEX: IP66 & IP67 UL: Type 4, 4X & 13
Housing material:	UL94V0 PPS & ABS
ATEX cable entries:	2 x M20 ISO cable gland entries - with 1 blanking plug.
UL cable entries:	1 x 1/2" NPT cable gland entry & 1 x M20 with blanking plug
Terminals:	0.5 to 2.5mm ² - In & Out
Weight:	1.48kg/3.25lbs

* All candela data is representative of performance with clear lens at optimum voltage.

Part Codes

Part Code: **Classification:**

ATEX version:

E2xB05EG **	II 3G EEx nA nL IIC T2 (Tamb -20°C to +55°C)
	II 3G EEx nA nL IIC T3 (Tamb -20°C to +40°C)

UL version:

E2xB05UL **	Class I, Div 2, Grps A,B,C,D T2D (215°C) at +55°C
	Class I, Div 2, Grps A,B,C,D T3 (200°C) at +40°C
	Class II, Div 2, Grps F & G T5 (100°C) at +55°C
	Class II, Div 2, Grps F & G T6 (85°C) at +40°C
	Class III, Div 1, T5 (100°C) at +55°C
	Class III, Div 1, T6 (85°C) at +40°C

** = Voltage & lens colour reference:

Voltage options: 12DC, 24DC, 48DC, 115AC, 230AC

Lens colour options:	-AM (Amber)	-BL (Blue)	-CL (Clear)
	-GN (Green)	-RD (Red)	-YW (Yellow)

e.g: E2xB05EG 115AC-AM

Replacement Xenon flash tube: FTASSYE2X

Current Consumption

Version:	Voltage:	Current:
12V dc	10-14V dc	520mA
24V dc	20-28V dc	275mA
48V dc	42-58V dc	145mA
115V ac	50/60Hz +/-10%	80mA
230V ac	50/60Hz +/-10%	30mA