

2340210034

GNEX-230A

Explosion proof Xenon beacon. Amber, 10J, 230V AC



 IP66

 Atex

DESCRIPTION

- Robust, corrosion proof GRP (glass reinforced polyester) enclosure
- Ingress protection IP66
- Automatic synchronisation on multi-beacon systems
- Choice of three flash rates: 1Hz, 1.5Hz and double flash
- User replaceable Xenon tube mechanically secured against shock & vibration
- Glass lens & Stainless Steel guard
- UV stable PC field replaceable lens colour filter
- Stainless steel fixings
- Triple cable entries
- Duplicate cable terminations (in & out for daisy-chain installations)

The GNEX-230A is an IECEx and ATEX approved explosion proof 10 Joule Xenon beacon. The robust IP66 corrosion proof GRP enclosure and extended temperature range ensures the GNEX-230A is suitable for all Zone 1, 2, 21 and 22 hazardous location signalling applications. The GNEX-230A beacon produces over 479cd effective - a very high output Xenon strobe flash as required for efficient signalling over greater distances and in high ambient light. The optically enhanced field replaceable colour filter optimises the strobe output and is constructed from UV stable PC. The GRP enclosure features a threaded flame path, triple cable entries and a large termination area - all of which significantly reduce installation time.

Available options

- Voltage: 24V dc, 230V ac
- Lens Colour: Amber, Blue, Green and Red

SPECIFICATIONS

GENERAL

Energy	10 Joules (10Ws)
Flash rate	1Hz (60 fpm), 1.5Hz (90fpm) & double flash
Peak Candela	1,000,000 cd - calculated from energy (J)
Eff. Intensity cd	500 cd - calculated from energy (J)
Peak Candela	110,243 cd - measured ref to I.E.S
Eff. Intensity cd	479.39 cd - measured ref to I.E.S
Lens colours	Amber, Blue, Green, Red
Voltages AC	230Vac
Ingress protection	IP66
Enclosure mat.	UV stable GRP (glass reinforced polyester)
Colour	Natural Red - can be provided in alternative colours
Cable entries	3 x M20 ISO (2 stopping plugs inc.) Adaptors to M25, 1/2" & 3/4" NPT can be specified
Terminals	0.5 - 2.5mm ² (20-14 AWG)
Temperature range	-50° to +70°C
Weight	3.5kg/7.7lbs
Approvals	IECEX UL 15.0003X, IEC 60079-0:2011, IEC 60079-1:2014, IEC 60079-31:2013, ATEX DEMKO 15ATEX1448X; EN 60079-0:2012, EN 60079-1:2014, EN 60079-31:2014, TR-CU Ex EAC certificate: RU C-GB.AA71.B.0010
Coding	II 2G Ex db IIC Gb T6 Ta -50°C to +55°C, II 2G Ex db IIC Gb T5 Ta -50°C to +70°C, II 2D Ex tb IIIC Db T95°C Ta -50°C to +70°C

ORDER NUMBER

DESCRIPTION

2340210034	Beacon EX IP66 10J 230V AC Amber GNEX-230A
2340210035	Beacon EX IP66 10J 230V AC Blue GNEX-230B
2340210036	Beacon EX IP66 10J 230V AC Red GNEX-230R
2340210037	Beacon EX IP66 10J 230V AC Green GNEX-230G

TECHNICAL DIMENSIONS

