

BExBG05 Explosion Proof Xenon Beacon 5 Joule

The flameproof BExBG05 5 Joule, 120 candela Xenon beacons are suitable for Zone 1, 2, 21 & 22 applications. Approved to IECEx, ATEX, Ex EAC and INMETRO standards. Available as SIL 1 and SIL 2 compliant.

The BExBG05 5 Joule beacons robust construction enables installation in the harshest of environments. Additional features include automatic synchronisation on multi-beacon systems and stainless steel guard and mounting bracket as standard.

The BEx range features enclosures manufactured from corrosion proof, marine grade copper free LM6 aluminium with a chromate and powder coat finish. All models have two M20 cable entries, large termination areas containing in & out terminals and an ingress protection of IP66/67.

Features

- Marine grade, corrosion proof, LM6 aluminium enclosure
- Automatic synchronisation on multi-beacon system.
- Beacons can be set to 'flip-flop' alternating mode with other units on multi-beacon systems.
- Xenon tubes mechanically secured against shock & vibration
- Glass lens & Stainless Steel guard
- Very large termination area.
- Dual M20 cable entries – adaptors available.
- Stopping plug included.
- Ratchet adjustable stainless steel 'U' bracket.
- Reverse polarity diode fitted.
- IP66/67 ingress protection.
- 120 candela effective light intensity.
- UV stable PC, field replaceable, colour lens filter.

Approvals

- IECEx Certificate: KEM 10.0002X
- ATEX Certificate: KEMA 00ATEX2006X
- TR-CU Ex EAC certificate: RU C-GB.HA65.B.01252_21
- SIL1 and SIL2 compliant to IEC 61508 (2010)
- INMETRO certificate: 104Ex-0010
- UKCA certificate: UL22UKEX2636X

Coding

- II 2G Ex db IIC T5 Gb Ta. -50°C to +40°C
- II 2G Ex db IIC T4 Gb Ta. -50°C to +70°C
- II 2D Ex tb IIIC T90°C Db Ta. -50°C to +40°C
- II 2D Ex tb IIIC T105°C Db Ta. -50°C to +55°C
- II 2D Ex tb IIIC T123°C Db Ta. -50°C to +70°C



Specification

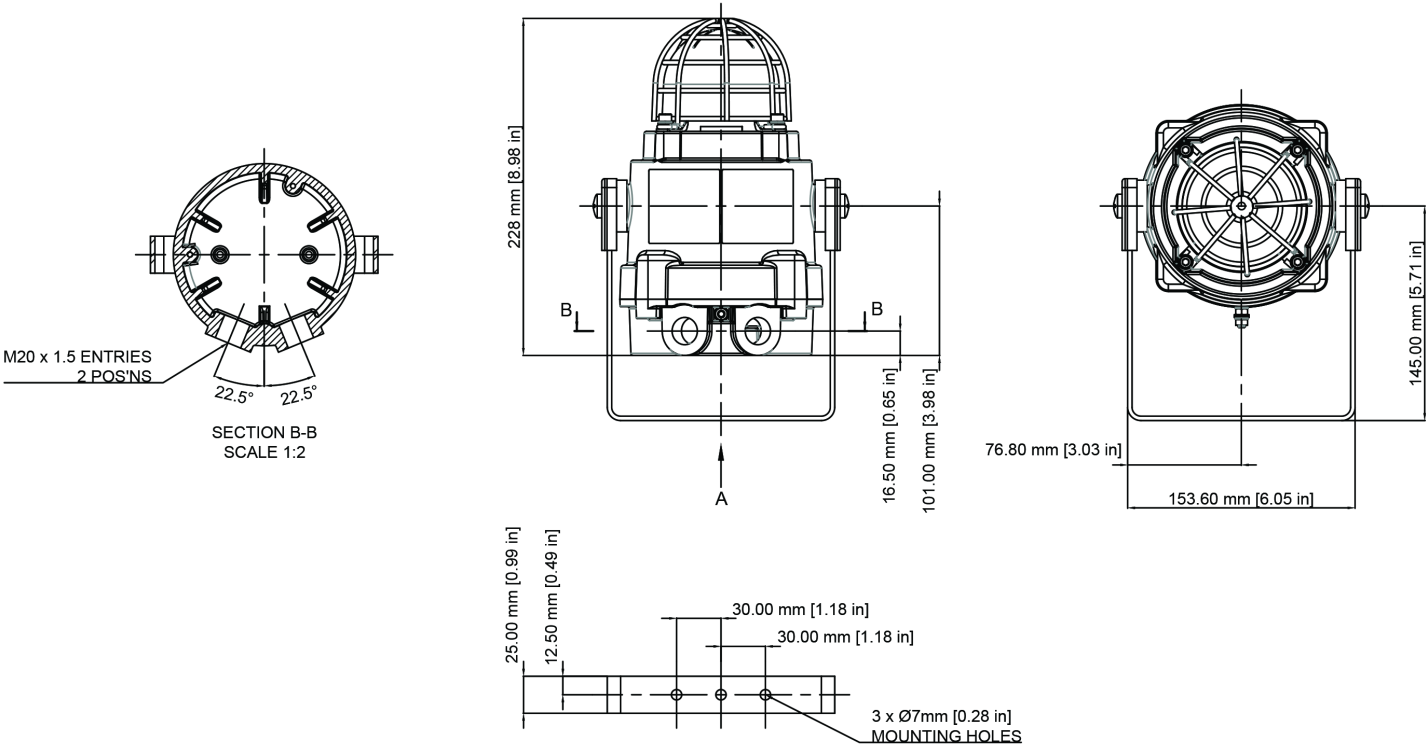
Energy:	5 Joules (5Ws)
Flash rate:	1Hz (60 fpm)
Peak Candela:	500,000 cd – calculated from energy (J)
Eff. Intensity cd:	250 cd – calculated from energy (J)
Peak Candela:	39,463 cd* – measured ref. to I.E.S.
Eff. Intensity cd:	120 cd* – measured ref. to I.E.S.
Lens colours:	Amber, Blue, Clear, Green, Red & Yellow
Voltages DC:	12vdc; 24vdc; 48vdc
Voltages AC:	115vac; 230vac
Ingress protection:	BG05D : IP66/67 BG05E : IP66
Enclosure matl:	Marine grade copper free LM6 Aluminium
Enclosure finish:	Chromate & powder coated finish – anti-corrosion.
Colour:	Red (others available on request)
Cable entries:	Dual M20 ISO (one stopping plug inc)
Terminals:	0.5 – 2.5mm² (20-14 AWG)
Enclosure volume:	<2 litres
Line monitoring:	Blocking diode included EOL Min. 500 Ohm 2w, or 3k3 Ohm 0.5w resistor or diode (DC versions) can be fitted
Grounding stud:	M5
Temperature range:	-50° to +70°C (-58°F to +158°F)
Relative humidity:	95% – Additional tropicalisation is recommended for applications where both high relative humidity and high ambient temperatures exist
Tube life :	Emissions are reduced to 70% after 5 million flashes
Weight :	DC: 2.45kg/5.39lbs AC: 2.75kg/6.05lbs
*All candela data is representative of performance with clear lens at optimum voltage.	

Part Codes

Part Code:	Identifier:	Description:
Product type:	BExBG05	Explosion proof 5J Xenon Strobe Beacon
Type:	DP	Ex d, UV stable PC Colour Lens
Voltage:	DC012	12V dc
	DC024	24V dc
	DC048	48V dc
	AC115	115V ac
	AC230	240V ac
Cable entries:[e]	A	2 x M20x1.5mm
	B	2 × 1/2" NPT – adaptors
	C	2 × 3/4" NPT – adaptors
	D	2 x M25x1.5mm – adaptors
	E	1 × 1/2" NPT – adaptor
	F	1 × 3/4" NPT – adaptor
	G	1 x M25x1.5mm – adaptor
Stopping plug/ adaptor material: [m]	B	Brass
	N	Nickel Plated
	S	Stainless Steel
Bracket/guard matl & tag: [s]	1	A2 304 Stainless Steel
	2	A4 316 Stainless Steel
	3	A2 304 St/St with Equip. Tag
	4	A4 316 St/St with Equip. Tag
Product version: [v]	A1	Default – IECEx, ATEX, Ex EAC & INMETRO – SIL1
	S1	IECEx, ATEX, Ex EAC & INMETRO – SIL2: 24Vdc only
Enclosure colour: [x]	R	Red
	S	Special – contact E2S
Lens colour: [y]	A	Amber
	B	Blue
	C	Clear
	G	Green
	M	Magenta
	R	Red
	Y	Yellow
Accessories:	SP65-0001-A4	Pole Mount Bracket Kit St/St A4 (316)
	SP65-0003-A4	Sunshade – St/St A4 (316)

Current Consumption

Product Version:	Voltage Range:	Current Consumption:
12V dc	10-14V dc	750mA
24V dc	20-28V dc	300mA
48V dc	42-54V dc	180mA
115V ac	+/-10% 50Hz/60Hz	140mA
230V ac	+/-10% 50Hz/60Hz	55mA



Assemblies

The products from the BEx range are available as multiple unit assemblies pre-wired with and without junction boxes. See the BExP data sheet for further info or contact E2S sales.

BExBG10 Explosion Proof Xenon Beacon 10 Joule

The flameproof BExBG10 10 Joule, 380 candela Xenon beacons are suitable for Zone 1, 2, 21 & 22 applications. Approved to IECEx, ATEX, Ex EAC and INMETRO standards. Available as SIL 1 and SIL 2 compliant.

The BExBG10 10 Joule Xenon strobe beacons robust construction enables installation in the harshest of environments. Additional features include automatic synchronisation on multi-beacon systems and stainless steel guard and mounting bracket as standard.

The explosion proof Ex d BEx range features enclosures manufactured from corrosion proof, marine grade copper free LM6 aluminium with a chromate and powder coat finish. All models have two M20 cable entries, large termination areas containing in & out terminals and an ingress protection of IP66/67.

Features

- Marine grade, corrosion proof, LM6 aluminium enclosure
- Automatic synchronisation on multi-beacon system.
- Beacons can be set to 'flip-flop' alternating mode with other units on multi-beacon systems.
- Xenon tubes mechanically secured against shock & vibration
- Glass lens & Stainless Steel guard
- Very large termination area.
- Dual M20 cable entries – adaptors available.
- Stopping plug included.
- Ratchet adjustable stainless steel 'U' bracket.
- Reverse polarity diode fitted.
- IP66/67 ingress protection.
- 380 candela effective light intensity.
- UV stable PC, field replaceable, colour lens filter.

Approvals

- IECEx Certificate: KEM 10.0002X
- ATEX Certificate: KEMA 00ATEX2006X
- TR-CU Ex EAC certificate: RU C-GB.HA65.B.01252_21
- SIL 1 and SIL 2 compliant to IEC 61508 (2010)
- INMETRO certificate: 104Ex-0010
- UKCA certificate: UL22UKEX2636X

Coding

- II 2G Ex db IIC T4 Gb Ta. -50°C to +70°C
- II 2D Ex tb IIIC T120°C Db Ta. -50°C to +40°C
- II 2D Ex tb IIIC T129°C Db Ta. -50°C to +70°C



Specification

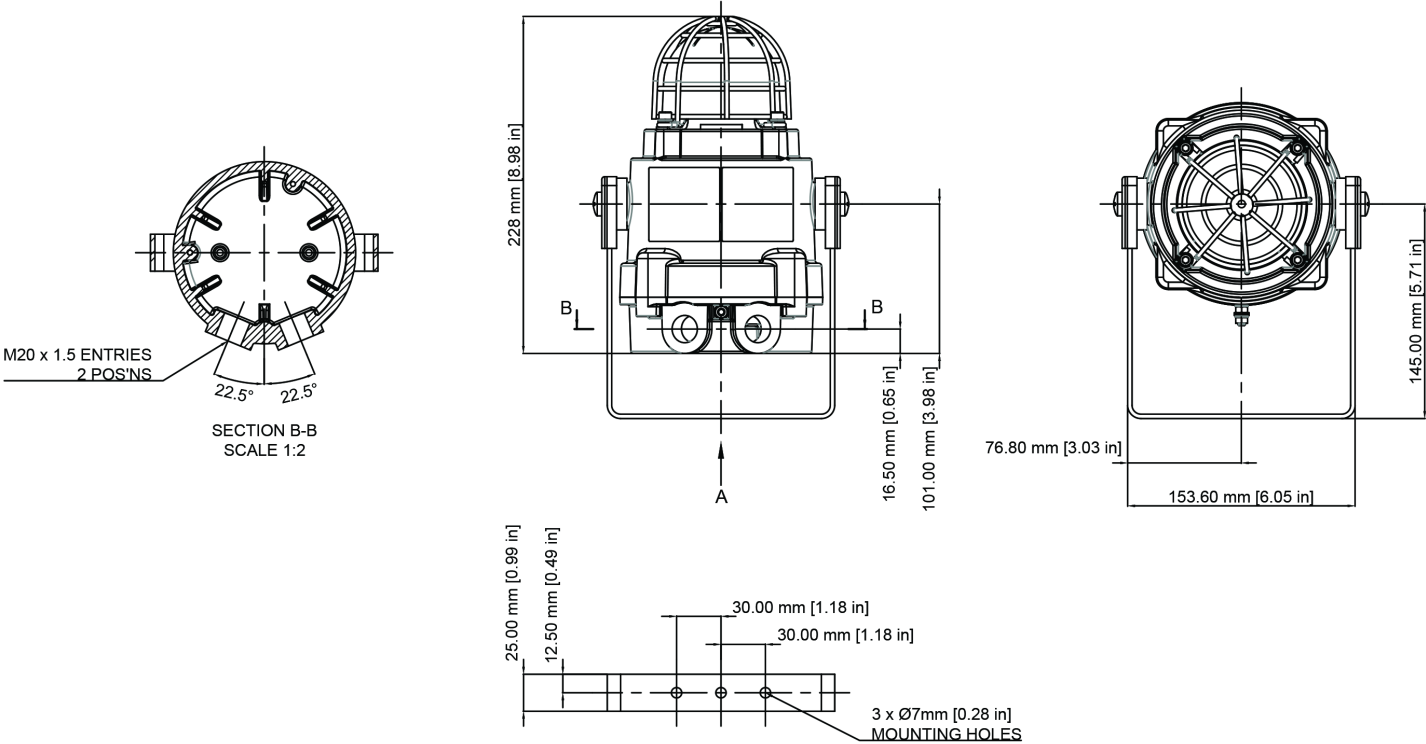
Energy:	10 Joules (10Ws)
Flash rate:	1Hz (60 fpm)
Peak Candela:	1,000,000 cd – calculated from energy (J)
Eff. Intensity cd:	500 cd – calculated from energy (J)
Peak Candela:	87,590 cd* – measured ref. to I.E.S.
Eff. Intensity cd:	380 cd* – measured ref. to I.E.S.
Lens colours:	Amber, Blue, Clear, Green, Magenta, Red & Yellow
Voltages DC:	12vdc; 24vdc; 48vdc
Voltages AC:	115vac; 230vac
Ingress protection:	BG10D : IP66/67 BG10E : IP66
Enclosure matl:	Marine grade copper free LM6 Aluminium
Enclosure finish:	Chromate & powder coated finish – anti-corrosion.
Colour:	Red (others available on request)
Cable entries:	Dual M20 ISO (one stopping plug included)
Terminals:	0.5 – 2.5mm² (20-14 AWG)
Enclosure volume:	<2 litres
Line monitoring:	Blocking diode included EOL Min. 500 Ohm 2w, or 3k3 Ohm 0.5w resistor or diode (DC versions) can be fitted
Grounding stud:	M5
Temperature range:	-50° to +70°C (-58°F to +158°F)
Relative humidity:	95% – Additional tropicalisation is recommended for applications where both high relative humidity and high ambient temperatures exist
Tube life :	Emissions are reduced to 70% after 5 million flashes
Weight:	DC: 2.45kg/5.39lbs AC: 2.75kg/6.05lbs
*All candela data is representative of performance with clear lens at optimum voltage.	

Part Codes

Part Code:	Identifier:	Description:
Product type:	BExBG10	Explosion proof 10J Xenon Strobe Beacon
Type:	DP	Ex d, UV stable PC Colour Lens
Voltage:	DC012	12V dc
	DC024	24V dc
	DC048	48V dc
	AC115	115V ac
	AC230	240V ac
Cable entries:[e]	A	2 x M20x1.5mm
	B	2 × 1/2" NPT – adaptors
	C	2 × 3/4" NPT – adaptors
	D	2 x M25x1.5mm – adaptors
	E	1 × 1/2" NPT – adaptor
	F	1 × 3/4" NPT – adaptor
	G	1 x M25x1.5mm – adaptor
Stopping plug/ adaptor material: [m]	B	Brass
	N	Nickel Plated
	S	Stainless Steel
Bracket/guard matl & tag: [s]	1	A2 304 Stainless Steel
	2	A4 316 Stainless Steel
	3	A2 304 St/St with Equip. Tag
	4	A4 316 St/St with Equip. Tag
Product version: [v]	A1	Default – IECEx, ATEX, Ex EAC & INMETRO – SIL1
	S1	IECEx, ATEX, Ex EAC & INMETRO – SIL2: 24Vdc only
Enclosure colour: [x]	R	Red
	S	Special – contact E2S
Lens colour: [y]	A	Amber
	B	Blue
	C	Clear
	G	Green
	M	Magenta
	R	Red
	Y	Yellow
Accessories:	SP65-0001-A4	Pole Mount Bracket Kit St/St A4 (316)
	SP65-0003-A4	Sunshade – St/St A4 (316)

Current Consumption

Product Version:	Voltage Range:	Current Consumption:
12V dc	10-14V dc	1.45A
24V dc	20-28V dc	660mA
48V dc	42-54V dc	340mA
115V ac	+/-10% 50Hz/60Hz	250mA
230V ac	+/-10% 50Hz/60Hz	110mA



Assemblies

The products from the BEx range are available as multiple unit assemblies pre-wired with and without junction boxes. See the BExP data sheet for further info or contact E2S sales.

BExBG15 Explosion Proof Xenon Beacon 15 Joule

The flameproof BExBG15 15 Joule, 468 candela Xenon beacons are suitable for Zone 1, 2, 21 & 22 applications. Approved to IECEx, ATEX, Ex EAC and INMETRO standards. Available as SIL 1 and SIL 2 compliant.

The BExBG15 15 Joule Xenon strobe beacons robust construction enables installation in the harshest of environments. Additional features include automatic synchronisation on multi-beacon systems and stainless steel guard and mounting bracket as standard.

The explosion proof Ex d BEx range features enclosures manufactured from corrosion proof, marine grade copper free LM6 aluminium with a chromate and powder coat finish. All models have two M20 cable entries, large termination areas containing in & out terminals and an ingress protection of IP66/67.

Features

- Marine grade, corrosion proof, LM6 aluminium enclosure
- Automatic synchronisation on multi-beacon system.
- Beacons can be set to 'flip-flop' alternating mode with other units on multi-beacon systems.
- Xenon tubes mechanically secured against shock & vibration
- Glass lens & Stainless Steel guard
- Very large termination area.
- Dual M20 cable entries – adaptors available.
- Stopping plug included.
- Ratchet adjustable stainless steel 'U' bracket.
- Reverse polarity diode fitted.
- IP66/67 ingress protection.
- 468 candela effective light intensity.
- UV stable PC, field replaceable, colour lens filter.

Approvals

- IECEx Certificate: KEM 10.0002X
- ATEX Certificate: KEMA 00ATEX2006X
- TR-CU Ex EAC certificate: RU C-GB.HA65.B.01252_21
- SIL 1 and SIL 2 compliant to IEC 61508 (2010)
- INMETRO certificate: 104Ex-0010
- UKCA certificate: UL22UKEX2636X

Coding

- II 2G Ex db IIC T4 Gb Ta. -50°C to +70°C
- II 2D Ex tb IIIC T120°C Db Ta. -50°C to +40°C
- II 2D Ex tb IIIC T129°C Db Ta. -50°C to +70°C



Specification

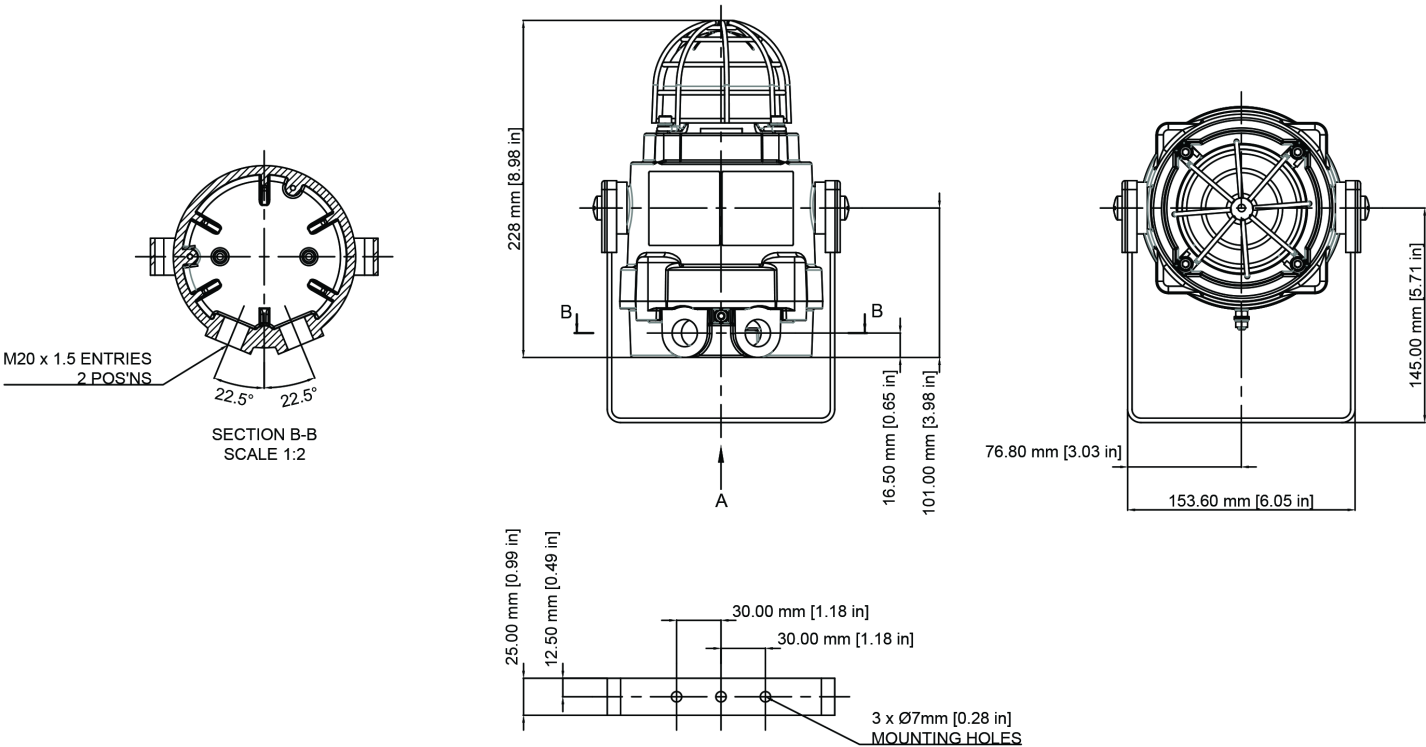
Energy:	15 Joules (15Ws)
Flash rate:	1Hz (60 fpm)
Peak Candela:	1,500,000 cd – calculated from energy (J)
Eff. Intensity cd:	750 cd – calculated from energy (J)
Peak Candela:	99,106 cd* – measured ref. to I.E.S.
Eff. Intensity cd:	468 cd* – measured ref. to I.E.S.
Lens colours:	Amber, Blue, Clear, Green, Magenta, Red & Yellow
Voltages DC:	24vdc; 48vdc
Voltages AC:	115vac; 230vac
Ingress protection:	BG15D : IP66/67 BG15E : IP66
Enclosure matl:	Marine grade copper free LM6 Aluminium
Enclosure finish:	Chromate & powder coated finish – anti-corrosion.
Colour:	Red (others available on request)
Cable entries:	Dual M20 ISO (one stopping plug inc)
Terminals:	0.5 – 2.5mm² (20-14 AWG)
Enclosure volume:	<2 litres
Line monitoring:	Blocking diode included EOL Min. 500 Ohm 2w, or 3k3 Ohm 0.5w resistor or diode (DC versions) can be fitted
Grounding stud:	M5
Temperature range:	-50° to +70°C (-58°F to +158°F)
Relative humidity:	95% – Additional tropicalisation is recommended for applications where both high relative humidity and high ambient temperatures exist
Tube life:	Emissions are reduced to 70% after 5 million flashes
MTBF AC:	279.79 years / 2,450,981 hours – MIL217
Weight:	DC:2.45kg/5.39lbs AC: 2.75kg/6.05lbs
*All candela data is representative of performance with clear lens at optimum voltage.	

Part Codes

Part Code:	Identifier:	Description:
Product type:	BExBG15	Explosion proof 15J Xenon Strobe Beacon
Type:	DP	Ex d, UV stable PC Colour Lens
Voltage:	DC024	24V dc
	DC048	48V dc
	AC115	115V ac
	AC230	240V ac
Cable entries: [e]	A	2 x M20x1.5mm
	B	2 x 1/2" NPT – adaptors
	C	2 x 3/4" NPT – adaptors
	D	2 x M25x1.5mm – adaptors
	E	1 x 1/2" NPT – adaptor
	F	1 x 3/4" NPT – adaptor
	G	1 x M25x1.5mm – adaptor
Stopping plug/ adaptor material: [m]	B	Brass
	N	Nickel Plated
	S	Stainless Steel
Bracket/guard matl & tag: [s]	1	A2 304 Stainless Steel
	2	A4 316 Stainless Steel
	3	A2 304 St/St with Equip. Tag
	4	A4 316 St/St with Equip. Tag
Product version: [v]	A1	Default – IECEx, ATEX, Ex EAC & INMETRO –
	S1	SIL1 IECEX, ATEX, Ex EAC & INMETRO – SIL2: 24Vdc only
Enclosure colour: [x]	R	Red
	S	Special – contact E2S
Lens colour: [y]	A	Amber
	B	Blue
	C	Clear
	G	Green
	M	Magenta
	R	Red
	Y	Yellow
Accessories:	SP65-0001-A4	Pole Mount Bracket Kit St/St A4 (316)
	SP65-0003-A4	Sunshade – St/St A4 (316)

Current Consumption

Product Version:	Voltage Range:	Current Consumption:
24V dc	20-28V dc	860mA
48V dc	42-54V dc	480mA
115V ac	+/-10% 50Hz/60Hz	360mA
230V ac	+/-10% 50Hz/60Hz	170mA



Assemblies

The products from the BEx range are available as multiple unit assemblies pre-wired with and without junction boxes. See the BExP data sheet for further info or contact E2S sales.

BExBG21 Explosion Proof Xenon Beacon 21 Joule

The flameproof BExBG21 21 Joule, 520 candela Xenon beacons are suitable for Zone 1, 2, 21 & 22 applications. Approved to IECEx, ATEX, Ex EAC and INMETRO standards. SIL1 compliant.

The BExBG21 21 Joule Xenon strobe beacons robust construction enables installation in the harshest of environments. The BExBG21 has three distinct user selectable flash patterns and for units with DC operating voltages a second stage flash pattern can be selected remotely. Additional features include a stainless steel guard and stainless steel mounting bracket as standard. The explosion proof Ex d BEx range features enclosures manufactured from corrosion proof, marine grade copper free LM6 aluminium with a chromate and powder coat finish. All models have two M20 cable entries, large termination areas containing in & out terminals and an ingress protection of IP66/67.

Features

- Marine grade, corrosion proof, LM6 aluminium enclosure
- Xenon tubes mechanically secured against shock & vibration
- Dual Xenon flash tubes
- Glass lens & Stainless Steel guard
- Very large termination area.
- Dual M20 cable entries – adaptors available.
- Stopping plug included.
- Ratchet adjustable stainless steel 'U' bracket.
- Reverse polarity diode fitted.
- IP66/67 ingress protection.
- 520 candela effective light intensity.
- UV stable PC, field replaceable, colour lens filter.

Approvals

- IECEx Certificate: KEM 10.0002X
- ATEX Certificate: KEMA 00ATEX2006X
- TR-CU Ex EAC certificate: RU C-GB.HA65.B.01252_21
- SIL 1 compliant to IEC 61508 (2010)
- INMETRO certificate: 10HEx-0010
- UKCA certificate: UL22UKEX2636X

Coding

- II 2G Ex db IIC T3 Gb Ta. -50°C to +70°C
- II 2D Ex tb IIIC T150°C Db Ta. -50°C to +40°C
- II 2D Ex tb IIIC T165°C Db Ta. -50°C to +55°C
- II 2D Ex tb IIIC T180°C Db Ta. -50°C to +70°C



Specification

Energy:	21 Joules
Flash rate:	1Hz, 2Hz & double strike 1Hz
Peak Candela:	2,100,000 cd – calculated from energy (J)
Effective Intensity cd:	1,050 cd – calculated from energy (J)
Peak Candela:	118,537 cd* – measured ref. to I.E.S.
Effective Intensity cd:	520 cd* – measured ref. to I.E.S.
Lens colours:	Amber, Blue, Clear, Green, Magenta, Red & Yellow
Voltages DC:	24vdc; 48vdc
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:	Red (others available on request)
Cable entries:	Dual M20 ISO (one stopping plug inc)
Terminals:	0.5 – 2.5mm² (20-14 AWG)
Enclosure volume:	<2 litres
Line monitoring:	Blocking diode included EOL Min. 500 Ohm 2w, or 3k3 Ohm 0.5w resistor or diode (DC versions) can be added
Grounding stud:	M5
Temperature range:	-50° to +70°C (-58°F to +158°F)
Relative humidity:	90% at 20°C [68°F]
Tube life:	Emissions are reduced to 70% after 5 million flashes
Weight:	DC: 2.65kg/5.83lbs AC: 2.95kg/6.49lbs
*All candela data is representative of performance with clear lens at optimum voltage.	

Part Codes

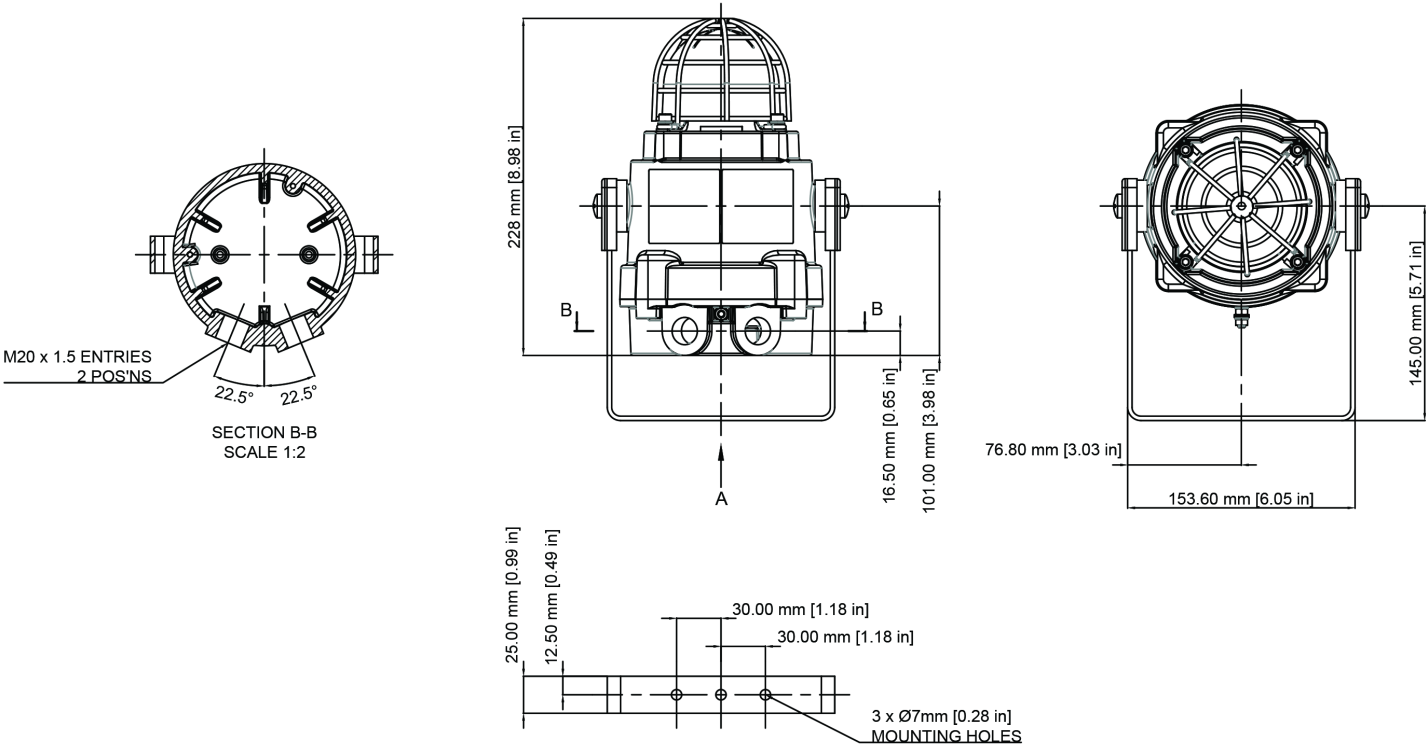
Part Code:	Identifier:	Description:
Product type:	BExBG21	Explosion proof 21J Xenon Strobe Beacon
Type:	DP	Ex d, UV stable PC Colour Lens
Voltage:	DC024	24V dc
	DC048	48V dc
	AC115	115V ac
	AC230	240V ac
Cable entries:[e]:	A	2 x M20x1.5mm
	B	2 x 1/2" NPT – adaptors
	C	2 x 3/4" NPT – adaptors
	D	2 x M25x1.5mm – adaptors
	E	1 x 1/2" NPT – adaptor
	F	1 x 3/4" NPT – adaptor
	G	1 x M25x1.5mm – adaptor
Stopping plug/ adaptor material: [m]	B	Brass
	N	Nickel Plated
	S	Stainless Steel
Bracket/guard matl & tag: [s]	1	A2 304 Stainless Steel
	2	A4 316 Stainless Steel
	3	A2 304 St/St with Equip. Tag
	4	A4 316 St/St with Equip. Tag
Product version: [v]A1		Default – IECEx, ATEX, Ex EAC & INMETRO – SIL 1
Enclosure colour: [x]	R	Red
	S	Special – contact E2S
Lens colour: [y]	A	Amber
	B	Blue
	C	Clear
	G	Green
	M	Magenta
	R	Red
	Y	Yellow
Accessories:	SP65-0001-A4	Pole Mount Bracket Kit St/St A4 (316)
	SP65-0003-A4	Sunshade – St/St A4 (316)

Current Consumption

Product Version:	Voltage Range:	Current Consumption:
24V dc	20-28V dc	1.2A
48V dc	42-54V dc	600mA
115V ac	+/-10% 50Hz/60Hz	560mA
230V ac	+/-10% 50Hz/60Hz	280mA

Flash Patterns

Pattern:	Type:	Stg 2 Remote activation (DC only)
SF	1Hz (60fpm) Both Xenon tubes flash together	AF
AF	2Hz (120fpm) Xenon tubes flash alternately	SF
DF	1Hz (60fpm) Double strike flash	SF



Assemblies

The products from the BEx range are available as multiple unit assemblies pre-wired with and without junction boxes. See the BExP data sheet for further info or contact E2S sales.

BExTBG05 Explosion Proof Telephone Beacon 5 Joule

The flameproof BExTBG05 telephone initiated 5 Joule Xenon beacons are suitable for Zone 1, 2, 21 & 22 applications. Approved to IECEx, ATEX, Ex EAC and INMETRO standards.

The BExTBG05 5 Joule units are telephone initiated beacons. Their robust construction makes installation in the harshest of environments possible. Additional features include stainless steel lens guard and stainless steel mounting bracket as standard. The ring tone detect circuit senses the ringing voltage on the telephone line and switches the supply (115V ac or 230V ac) to enable the beacon until the telephone is answered. The BEx range features enclosures manufactured from corrosion proof, marine grade copper free LM6 aluminium with a chromate and powder coat finish. All models have two M20 cable entries, large termination areas containing in & out terminals and an ingress protection of IP66/67.

Features

- Marine grade, corrosion proof, LM6 aluminium enclosure
- Xenon tubes mechanically secured against shock & vibration
- Glass lens & Stainless Steel guard
- Very large termination area.
- Dual M20 cable entries – adaptors available.
- Stopping plug included.
- Ratchet adjustable stainless steel 'U' bracket.
- IP66/67 ingress protection.
- 120 candela effective light intensity.
- UV stable PC, field replaceable, colour lens filter.

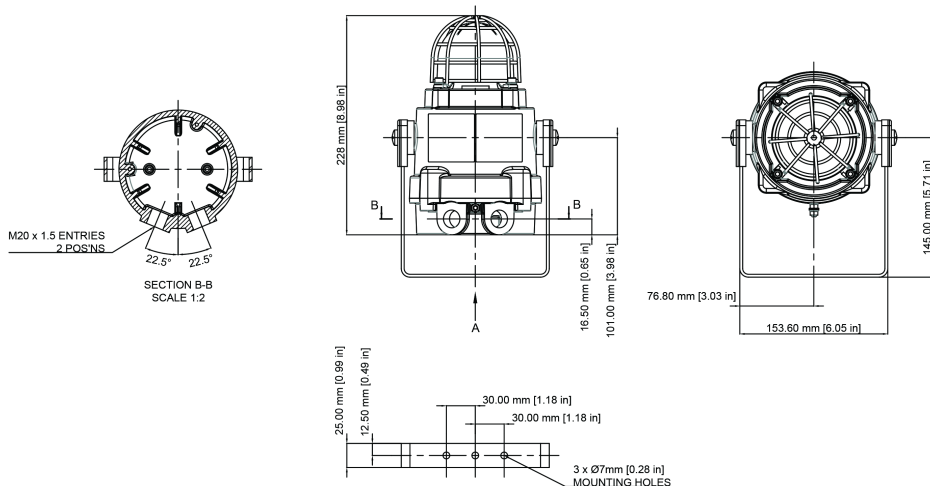
Approvals

- IECEx Certificate: KEM 10.0002X
- ATEX Certificate: KEMA 00ATEX2006X
- TR-CU Ex EAC certificate: RU C-GB.HA65.B.01252_21
- INMETRO certificate: 104Ex-0010
- UKCA certificate: UL22UKEX2636X

Coding

- II 2G Ex db IIC T5 Gb Ta. -50°C to +45°C
- II 2G Ex db IIC T4 Gb Ta. -50°C to +70°C
- II 2D Ex tb IIIC T90°C Db Ta. -50°C to +40°C
- II 2D Ex tb IIIC T105°C Db Ta. -50°C to +55°C
- II 2D Ex tb IIIC T120°C Db Ta. -50°C to +70°C





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:	39,463 cd* – measured ref. to I.E.S.
Eff. Intensity cd:	120 cd* – measured ref. to I.E.S.
Lens colours:	Amber, Blue, Clear, Green, Magenta, 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:	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 5 million flashes
Grounding stud:	M5
Temperature range:	-50° to +70°C (-58°F to +158°F)
Relative humidity:	95% – Additional tropicalisation is recommended for applications where both high relative humidity and high ambient temperatures exist
Weight :	2.75kg/6.05lbs
*Candela measurements representative of performance with clear lens at optimum voltage.	

Part Codes

Part Code:	Identifier:	Description:
Product type:	BEXTBG05	Explosion proof Telephone Initiated 5J Xenon Beacon
Type:	DP	Ex d, UV stable PC Colour Lens
Voltage:	AC115 AC230	115V ac 240V ac
Cable entries:[e]	A B C D E F G	2 x M20x1.5mm 2 x 1/2" NPT – adaptors 2 x 3/4" NPT – adaptors 2 x M25x1.5mm – adaptors 1 x 1/2" NPT – adaptor 1 x 3/4" NPT – adaptor 1 x M25x1.5mm – adaptor
Stopping plug/ adaptor material:	B N [m]	Brass Nickel Plated Stainless Steel
Bracket/guard matl & tag: [s]	1 2 3 4	A2 304 Stainless Steel A4 316 Stainless Steel A2 304 St/St with Equip. Tag A4 316 St/St with Equip. Tag
Product version: [v]	A1	Default – IECEx, ATEX, Ex EAC & INMETRO
Enclosure colour:	R [x]	Red Special – contact E2S
Lens colour: [y]	A B C G M R Y	Amber Blue Clear Green Magenta Red Yellow
Accessories:	SP65-0001- A4 SP65-0003- A4	Pole Mount Bracket Kit St/St A4 (316) Sunshade – St/St A4 (316)

Current Consumption

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