

**Lens Guard not
supplied as standard**

Product overview

Typical applications are Oil and Gas, On-shore and Offshore, Chemical, Petrochemical, Refineries & Marine locations etc.

The units also have the ability to be fitted with a telephone initiation function and can be used as the second ring output indicator for telephones when installed in very noisy environments.

- Approved by ATEX and CQST
 - IMETRO and IECEx (Pending)
- ATEX: II 2G Exd IIC T4 - T6
(incorporating IIA & IIB)
- Zones 1&2, Zones 21&22 (Pending)
- Conforms to EN (IEC) 60079-0
EN (IEC) 60079-1 and EN54
- 360° light output
around the vertical axis
- Dustproof & Weatherproof

BC150 Series > Ordering Information

		Lens Colour	Beacon Type	Power (Xenon)*	Power (LED)*	Voltage	Duty Label	Tag Label	Lens Guard	Cable Entry	Finish Colour	Telephone Initiated	
Standard Product Selection	BC150	Y = Amber	X = Xenon	05 = 5J	05 = 5W	DC 12 - 48v	Y = Yes	Y = Yes	Y = Yes	A = M20	RD = Red	Y = Yes	
		R = RED		10 = 10J				B = M25	YW = Yellow				
		B = BLUE	L = LED	15 = 15J	10 = 10W	AC1 12 - 48v		N = No	N = No	C = 1/2 NPT	BU = Blue	N = No	
		G = Green		21 = 21J						AC2 100 - 240v	D = 3/4 NPT		BL = Black
		C = Clear		O = Other						O = Other	OR = Other		

Follow the chart (right) to

Follow the chart (right) to generate your part code.

* Choose either Xenon power or LED power only

MODEL CONFIGURATOR (By using the table above, complete this box sequence to select your required beacon).

BC150						Y					
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Note: All customers orders will be confirmed in writing. Care should be taken that the correct code has been ordered as be-spoke manufactured products cannot be returned for exchange or credit later.

Kg 3.8

 °C -40+70

IP 66/67



GRP

APPROVALS and CONFORMITIES



Explosion Proof Beacon > GRP BC150 Series

General Information

EX CODE: Exd IIC T4 - T6

CERTIFICATION: ATEX, CQST

TYPE: Xenon or LED Visual Beacon

Xenon Working Status		Xenon - Flashing			
Flash Rate		Selectable from 60-180 Flashes per Minute			
Power Rating	5 J (10W) Max	10 J (15W) Max	15 J (20W) Max	21 J (25W) Max	
Effective Candela	109	293	395	424	

LED Working Status		LED - Flashing / Rotating / Static	
Flash Rate		Selectable from 60-120 Flashes per Minute	
Rotation Rate		Selectable from 60-120 Revolutions per Minute	
Static Mode		Permanently ON (ie Steady)	
Power Rating	5 W	10 W	
Effective Candela	128	312	

MULTIPLYING FACTOR FOR COLOURED LENSES:

Yellow (Amber) x 0.51, Red x 0.15, Blue x 0.12, Green x 0.49, Clear x 0

Mechanical Specifications

MATERIAL: GRP (Glass Reinforced Plastic)

LENS COLOURS: Yellow (Amber), Red, Blue, Green, Clear or Other (specify)

ENCLOSURE COLOUR: Red (RAL3001), Yellow (RAL1003)
Blue (RAL5005), Black (RAL9004)

WEIGHT: 3.8 Kg / 8.38 lb

DIMENSIONS: Length/Width: 150mm / 5.91" Height: 212mm / 8.35"

INGRESS PROTECTION: IP 66 & 67

AMBIENT TEMPERATURE: -40 to +70

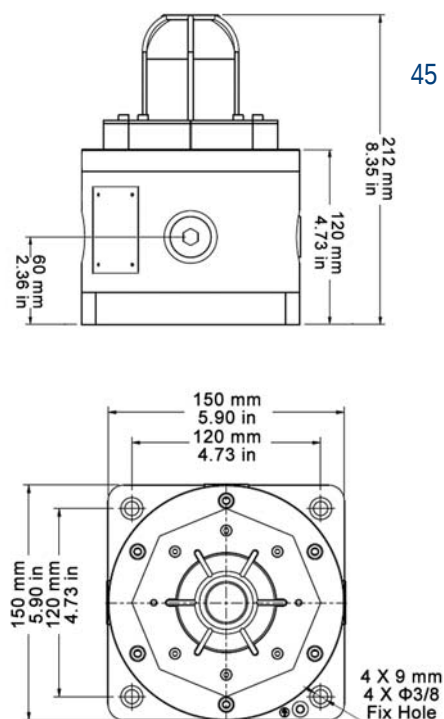
HUMIDITY: ≤ 95% RH

Electrical Specifications

POWER SUPPLY: 12-48v Dc, 12-48v Ac or 100-240v Ac

TERMINATION: Accepts upto ≤ 2.5mm² incorporating rising clamp protectors

CABLE ENTRY: 4 x M20, M25, 1/2"NPT, 3/4"NPT or Other (Specify)



Spareparts & Accessories

Cage Guard S/S	05/50060110109
Xenon PCB (DC)	05/50060400621
Xenon PCB (AC)	05/50060400622
LED PCB (DC)	05/50060400611
LED PCB (AC)	05/50060400612
M20 Stainless Steel Exd Blind Plug	05/55100110920
M25 Stainless Steel Exd Blind Plug	05/55100110925
1/2" NPT Stainless Steel Exd Blind Plug	05/55100110821
3/4" NPT Stainless Steel Exd Blind Plug	05/55100110843
M20 Stainless Steel Exd Cable Gland	05/CG SM020X
M25 Stainless Steel Exd Cable Gland	05/CG SM025X
1/2" NPT Stainless Steel Exd Cable Gland	05/CG SN012X
3/4" NPT Stainless Steel Exd Cable Gland	05/CG SN034X

BC150 Series > Working Current

Xenon						LED					
ENERGY	12v Dc	24v Dc	48v Dc	110v Ac	220v Ac	POWER	12v Dc	24v Dc	48v Dc	110v Ac	220v Ac
5 J	460 mA	280 mA	140 mA	60 mA	35 mA	5 W	530 mA	260 mA	120 mA	80 mA	40 mA
10 J	850 mA	490 mA	250 mA	100 mA	60 mA	10 W	1100 mA	530 mA	240 mA	160 mA	80 mA
15 J	1200 mA	700 mA	360 mA	140 mA	80 mA						
21 J	N/A	960 mA	480 mA	180 mA	110 mA						