



Explosion proof ballast box

Application

- Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc.
- Harsh environment, moist area.
- Gas explosive environment : Group IIA, IIB, IIC.
- Zone 1, Zone2: Zone 21, Zone 22
- Temperature class: T1 to T5

Characteristics

- World famous brand light source and electrical appliance, with stable performance. It can give more 20% light over the other manufacturers.
- The average service life of the bulb is over 10,000 hours .Therefore it is low maintenance.
- It uses dual-cavity explosion-proof design, making it safer in explosive and flammable places.
- The housing is made of aluminium alloy and have strong resistant to corrosion, water and dust, suitable to various harsh environments. The surface is subjected to the electro static treatment ,that enhance the anti corrosion performance.

- The protective guard is available.

Other options:

Model: BC9320

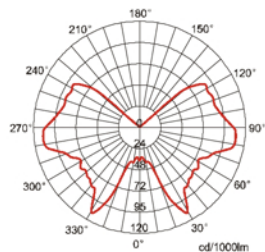
Light Source: Energy saving lamp (Compact Fluorescent Lamp) which can save almost 70% energy than the incandescent lamp.

Feature: quick start, no flicker, high efficiency and long service life.

Main specification

Input Voltage	220VAC 50Hz (110V 60Hz Option)
Ingress Protection	IP65
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	2.5
Thread	G3/4"
Leading-in cable diameter	φ 8mm - φ 14mm
Dimension	Lamp φ 200×330mm
	Ballast 340×220×88mm
Net Weight	Lamp 5.2Kg
	Ballast 5.3Kg

Light distribution curve

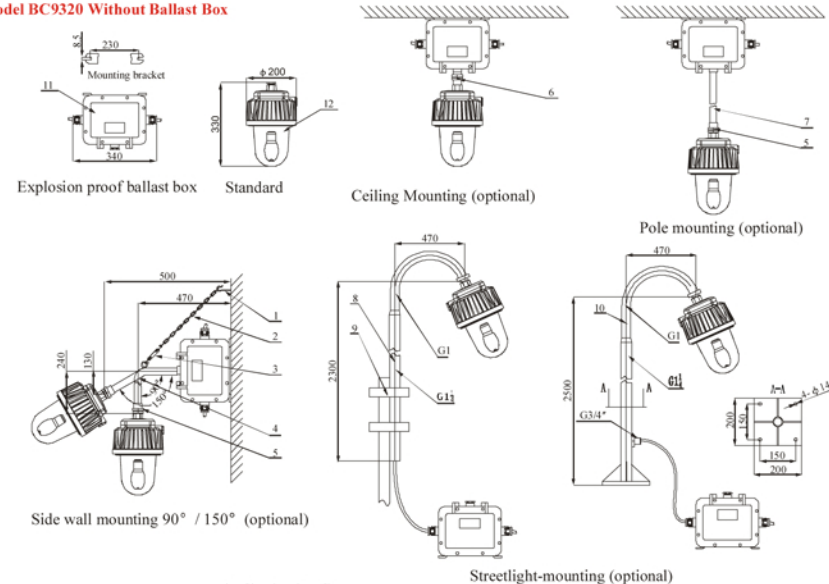


Ordering reference

Ordering Reference	Light Source	Rated wattage (W)	Light output (lm)	Lamp Average Life (h)	Temperature
BC9300-J70	Metal halide lamp	70	5,500	10,000	T5
BC9300-J100	Metal halide lamp	100	9,000	10,000	T4
BC9300-J150	Metal halide lamp	150	13,000	10,000	T4
BC9300-N70	High pressure sodium lamp	70	6,000	28,500	T5
BC9300-N100	High pressure sodium lamp	100	9,600	28,500	T4
BC9300-N150	High pressure sodium lamp	150	16,000	28,500	T4
BC9320-Y40	Compact Fluorescent Lamp	40	2,860	8,500	T5

Drawing of dimension (Dimensions in mm)

Model BC9320 Without Ballast Box



Accessories list (optional)

Number	Name	Quantity	Remark
1	Screw hook	1	
2	Chain	1	
3	Turn buckle	1	
4	G3/4" pole	1	90 degrees and 150 degrees are optional
5	Explosion proof connector	1	G3/4" internal to external
6	Mounting bracket	1	
7	G3/4" pole	1	The length in accordance with the request of the customer
8	Light pole	1	
9	U-bolts	2	
10	Flanged type pole	1	