



IP65

-40°C

+60°C



E27



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.
- Zone 1, Zone2; Zone 21, Zone 22
- Temperature class: T1 to T6

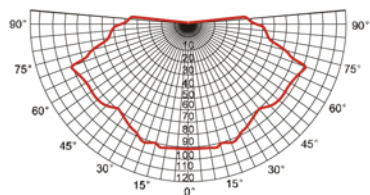
Characteristics

- Equipped with international famous brand light source and electrical appliance, more stable performance and gives approximately 20% more light over the other manufacturer's.
- The average life span of the light source is more than 10000 hours. Therefore it is low maintenance .
- Two Explosion-proof cavities structure. The wiring cavity is separated from the main flameproof cavity, enhancing safety.
- Made of aluminium alloy, high strength. The spray coating treatment ensure the lamp waterproof, anti corrosion.

Main specification

Input Voltage	220VAC 50Hz (110V 60Hz Option)
Ingress Protection	IP65
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	2.6
Thread	G3/4"
Leading-in cable diameter	φ 8mm - φ 10mm
Dimension	Lamp 400x266x170mm
	Ballast 340x220x88mm
Net Weight	Lamp 5Kg
	Ballast 5.2Kg

Light distribution curve

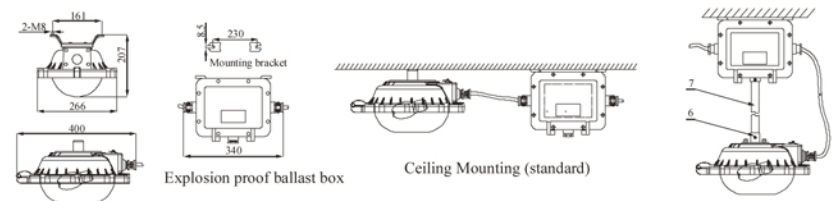


cd/1000lm

Ordering reference

Ordering Reference	Light Source	Rated wattage (W)	Light output (lm)	Lamp Average Life (h)	Temperature
BC9100-J70	Metal halide lamp	70	5,500	10,000	T6
BC9100-J100	Metal halide lamp	100	9,000	10,000	T4
BC9100-J150	Metal halide lamp	150	13,000	10,000	T4
BC9100-N70	High pressure sodium lamp	70	6,000	28,500	T6
BC9100-N100	High pressure sodium lamp	100	9,600	28,500	T4
BC9100-N150	High pressure sodium lamp	150	16,000	28,500	T4

Drawing of dimension (Dimensions in mm)

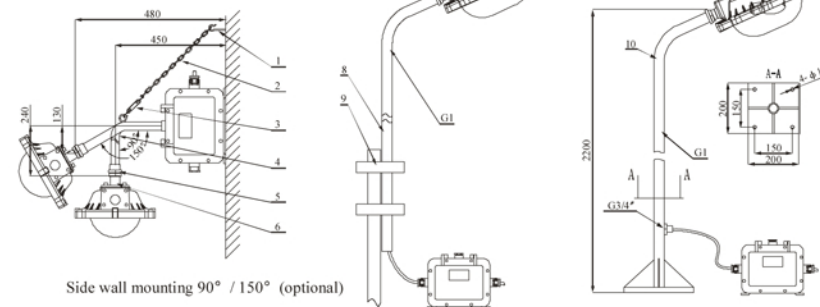


Standard

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Ceiling Mounting (standard)

Pole mounting (optional)



Side wall mounting 90° / 150° (optional)

Streetlight-mounting (optional)



G3/4" Internal to external threaded

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	