

BC9100 Explosion Proof Floodlight

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Ex marking: Ex de IIB T4/T6 Gb

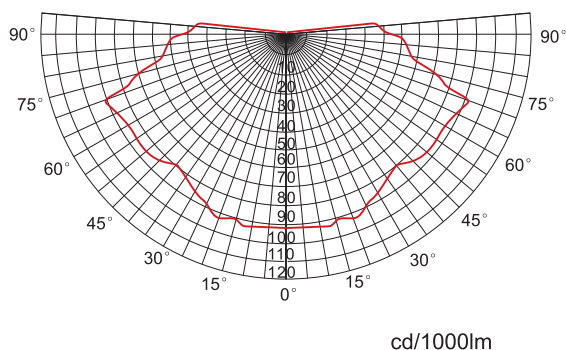
Application

- Ideal to be used in the environment of flammable gas and steam environment, such as Petrochemical Plant Chemical Plant Coal Washery, Pharmaceutical Factory, etc.
- Zone 1, zone 2.

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.

Light Distribution Curve



Main Specification

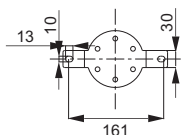
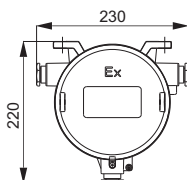
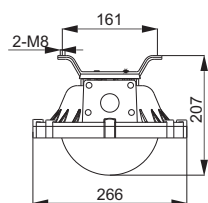
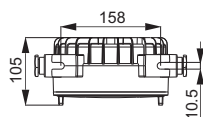
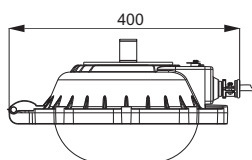
Item	Technical Parameters
Input voltage (V)	220VAC
Rated frequency	50Hz
Light source	MH Mercury
Life time (h)	10,000
Cable entry	G3/4"
Leading-in cable diameter	φ 9mm~ φ 10mm
Dimension (mm)	Lamp 400×266×207
	Ballast 230×220×105
Net weight (kg)	Lamp 5
	Ballast 3.8



Ordering reference

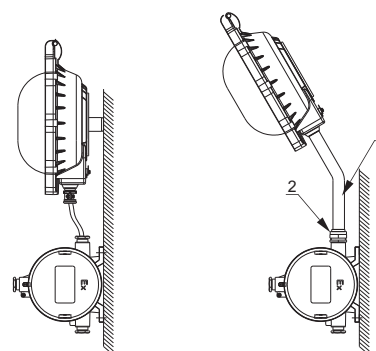
Model number	Rated Wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Temperature
BC9100-J70	70W	4725	2.6	2~4m	T6
BC9100-J100	100W	6750		3~5m	T4
BC9100-J150	150W	10500		4~6m	T4

Drawing of dimension (Dimensions in mm)



Explosion proof ballast box

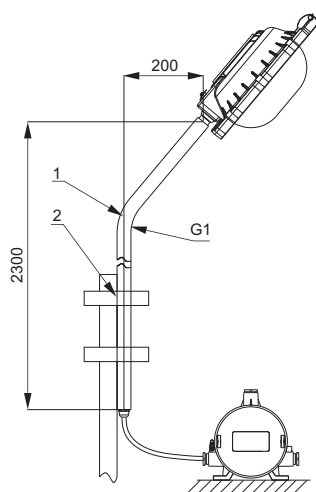
Ceiling mounting (standard)



Wall mounting (optional)

Accessories order information(Wall mounting 150deg)

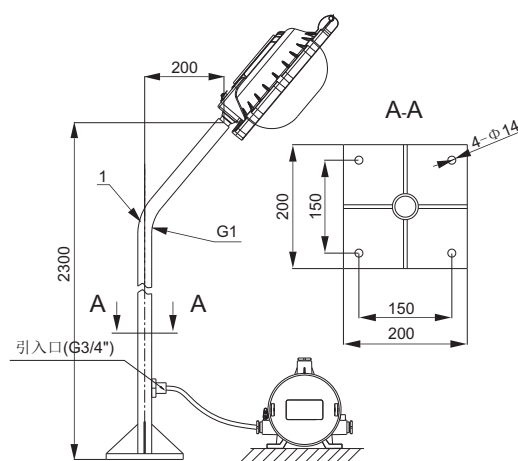
Order number	No.	Specification	quantity
P08	1	G3/4" bend pipe 150°	1
P09	2	Adapter G3/4" (internal-external)	1



Guardrail mounting

Accessories order information(Guardrail mounting)

Order number	No.	Specification	quantity
P05	1	Guardrail pole	1
	2	U type bolts	2



Flange mounting

Accessories order information(Flange mounting)

Order number	No.	Specification	quantity
P06	1	Flange pole	1