



BC9500



BC9500A

BC9500 Explosion proof ballast box

BC9500A

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 T6

Characteristics

- Light Source: Imported famous brand light source and ballast with high efficient long life span. The average service life of the bulb is over 10,000 hours. Low maintenance.
- World famous brand light source and electrical appliance, with stable performance. It can give more 20% light over the other manufacturers.
- Material: aluminium alloy, tempered glass.
- Surface treatment: electro static spraying treatment
- With strong resistant to corrosion. Water and dust, applicable to various harsh environments.
- The light source of BC9500A is HID. It can restart quickly after the temporary power outage so that it decrease the effect on the lamp.

Main specification

Specification		Unit	BC9500	BC9500A
Rated Voltage		V	220VAC	9-28VDC
Cable Diameter	Lamp	mm	φ 8- φ 10	φ 8- φ 10
	Ballast box	mm	φ 8- φ 10	—
Dimension	Lamp Head	mm	φ 180	φ 180
	Length of Lamp Head	mm	242	242
	Total Height	mm	295	295
Weight	Lamp	Kg	3.8	3.4
	Ballast box	Kg	4.2	—

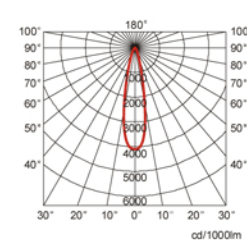
Ex Code: Ex d II C T6
 Ex d II C T5
 Ex d II C T4
 Standard: GB3836.1, GB3836.2
 IEC60079-1:2007,MOD



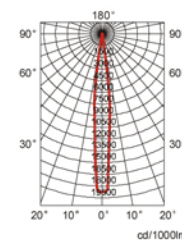
Ordering reference

Ordering Reference	Light Source	Rated wattage (W)	Rated Voltage	Luminous Flux (lm)	Lamp Average Life (h)	Temperature
BC9500-J70	Metal halide lamp	70	220VAC	5,500	10,000	T5
BC9500-J100	Metal halide lamp	100	220VAC	9,000	10,000	T4
BC9500-J150	Metal halide lamp	150	220VAC	13,000	10,000	T4
BC9500A-X35	HID	35	9-28VDC	3,200	10,000	T6

Light distribution curve

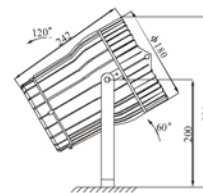


BC9500 150W

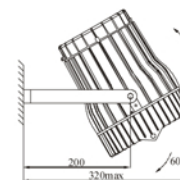


BC9500A 35W HID

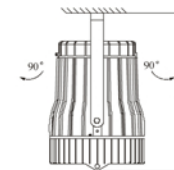
Drawing of dimension (Dimensions in mm)



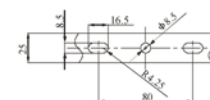
Seat-mounting



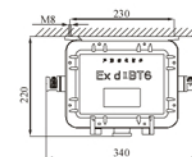
Side wall-mounting



Ceiling mounting



Lamp mounting bracket



Explosion proof ballast box