

BC9310A

Explosion-proof
Platform Light
(Emergency)

BC9310B

Explosion-proof
Platform Light
(Emergency)

Ex-mark: Ex de II CT6
DIP A20 TA, T6
Protection grade: IP65
Ex No.: CNEx09.0190



Applications

This product is applicable to fixed illumination in inflammable and explosive places, such as the petro-chemical devices, oil platforms, gas stations, oil pump rooms and transfer stations. Zone 1 and 2 refers to environments with explosive gases. Zone 21 and 22 refers to environments with inflammable dust.

Features

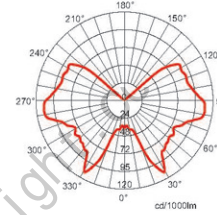
- With highest explosion-proof grade, it can be used safely in various inflammable and explosive places.
- It uses the high efficient gas discharge lamp as lighting source, with good illumination effects and no flashover, average service life as long as 9000 hours, and saving 45% of power than ordinary lamps.
- The emergency lighting is provided by wide amplitude stable voltage, constant power technology and special circuit technology. Model A is used for normal illumination and emergency lighting as well. Model B is purely for emergency lighting and is usually off. The emergency lighting is started when the main power supply for Model A and Model B is cut off, and it can also be controlled with exterior switch.
- The transparent part uses optimized design, with gentle light and even illumination, no overlapping, and it can effectively eliminate the discomfort and weariness to the eyes during the operation.
- The shell is made of light alloy materials through static coating, which is resistant to wearing, water and dust. It can be used under harsh environments.
- With delicate structure design, it boasts good heat radiation, and effectively reduces the lamp temperature and raises the service life of bulb.
- Due to small size, it can be mounted in suspension, bending or ceiling, making the installation simple and convenient.



Lighting Source

Order Number	Lighting source	Rated power(W)	Luminous flux(Lm)	Average service life(h)
BC9310-J35	MH gas discharge lamp	35	3000	9000
BC9310-J70	MH gas discharge lamp	70	6350	9000

Light Distribution Curve



Product Data

Rated voltage	AC220V 50Hz
	DC12V (Emergency)
Time of charge	>10h
Time of emergency lighting	70W/40min
	35W/80min
Corrosion-proofing grade	WF2
Insulation grade	I
Spacing height ratio	2.5
Drop cable	φ 8 mm ~ φ 14mm
Dimension of lamp(mm)	φ 200 × 315
Dimension of ballast box(mm)	310 × 237 × 85
Package size (mm)	310 × 370 × 390
Gross weight	11.1Kg

Dimension And Mounting Mode

