TORMIN BC9303 Series LED Explosion-proof Floodlight



Ex marking: Ex db IIB T6 Gb
Ex tb IIIC T80℃ Db



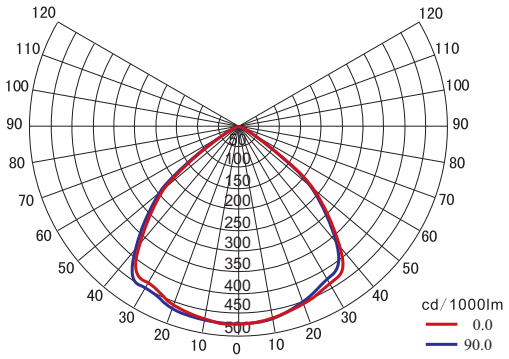
Application

- Ideal to be used in the oilfield, chemical industry, steel industry, power,port, Petroleum etc.Harsh environment, moist area.
- class I,zone1&zone2,zone21&zone22

Characteristics

- The Light distribution and its mounting types are especially designed for the platform.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp.
- The housing is designed to dissipate heat, which increase the efficiency and the lifespan of the LED, so that to ensure the 100,000 hours led lifespan.
- Supplied with the world top ranking LED driver, ensure the lamp of high performance, more efficient.
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof , make the lamp an excellent option for all kinds of high stress environment.
- 18~43VAC or 18~55VDC is optional for 25W and 40W as customer's requirement.

Light Distribution Curve



Main Specification

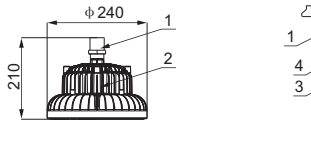
Item	Technical Parameters
Input voltage (V)	90~264VAC
	18~43VAC/ 18~55VDC (25~40W)
Rated frequency	50Hz / 60Hz
Light source	LED
Life time (h)	100,000
CRI (Ra)	75
CCT	5000K ±250K
Cable entry	G3/4, M20, M25, NPT3/4", NPT1/2
Dimension (mm)	Φ240×180
Net weight (kg)	4

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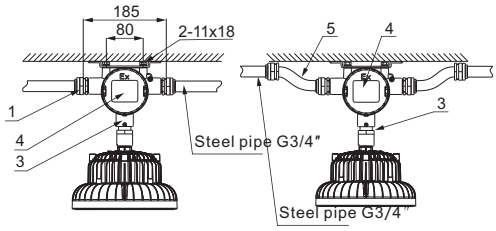
Ordering Reference

Ordering reference	Input voltage (V)	Rated wattage (W)	Light output (lm)	Mounting height (m)	Equivalent to MH
BC9303- L25H	90~264VAC	25W	2400	3~6m	50~70W
BC9303- L40H		40W	4300		100W
BC9303- L60H		60W	5800	4~8m	150W
BC9303- L25L	18~43VAC/ 18~55VDC	25W	2400	3~6m	50-70W
BC9303- L40L		40W	4300		100W

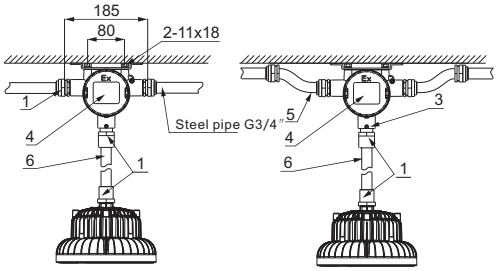
Drawing of dimension (Dimensions in mm)



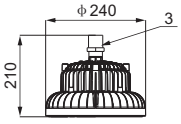
Standard
(G3/4 pole mounting type)



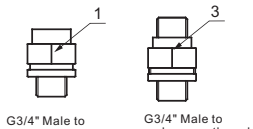
Ceiling mounting (optional)

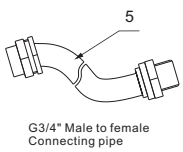


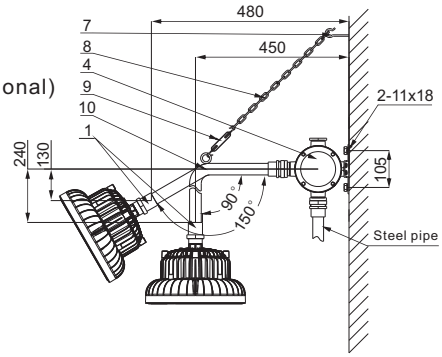
Pole mounting (optional)



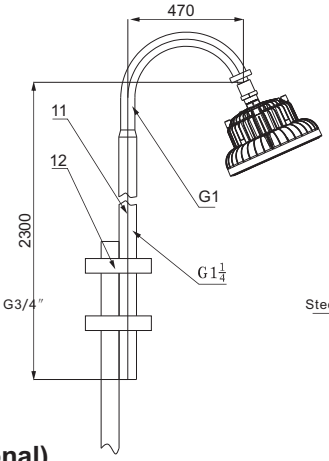
Ceiling mounting (optional)

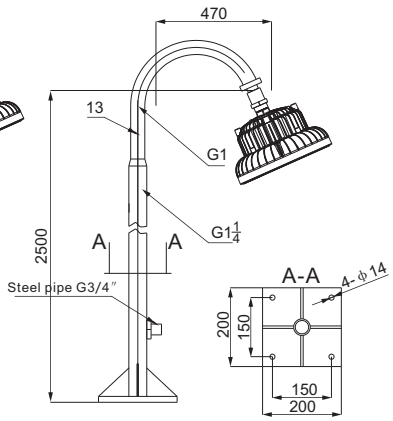






Side wall mounting 90°/ 150°(optional)





Flanged mounting(optional)

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Number	Name	Quantity	Remark	Number	Name	Quantity	Remark
1	Explosion proof connector	Reference mounting image	G3/4"female to male	8	Chain	1	
2	BC9303	1	female to male	9	Turn buckle	1	
3	Explosion proof connector	Reference mounting image	G3/4"female to male	10	G3/4" bend pipe	1	90 degrees and 150 degrees are optional
4	Explosion proof junction box	1	G3/4"	11	Light pole	1	
5	Connecting pipe	Reference mounting image	G3/4"female to male	12	U-bolts	2	
6	G3/4"pole	1	The length in accordance with the request of the customer	13	flanged type pole	1	
7	Screw hook	1		14			