



BC9302 Series LED Explosion proof Platform Light

LED



Pole mounting Ceiling mounting

ATEX Ex Marking:

Ex 2 GD

Ex d B T6 Gb ,

Ex tb C T80 Db

Standard: GB3836.1, GB3836.2

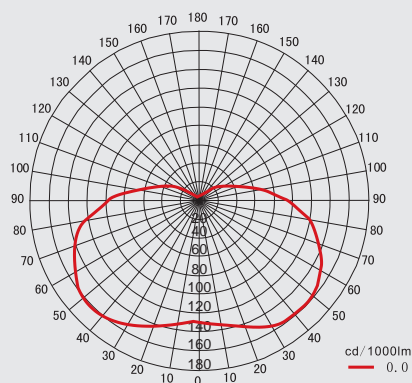
EN60079-0:2009, EN60079-1:2007,

EN60079-31:2009

IEC60079-0:2007, IEC60079-1:2007,

IEC60079-31:2008

Light distribution curve



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

- With the unique light distribution design, make the light well-distributed. Its beam angel can reach 220 ° . It efficiently utilize the light. Have a good performance of illuminance uniformity, glare free, can avoid eyestrain to the worker.
- Equipped with American CREE LED as light source, can save 60% or more on energy than the metal halide lamp.
- Taiwan Meanwell LED driver, high efficiency, more stable performance.
- The housing is especially designed to dissipate heat. Besides, it uses the thermal transmission to accelerate the heat conduction which increase the efficiency and lifespan of the LED, so that to ensure the 100,000 hours LED lifespan.
- The lamp is made to the highest explosion proof protection grade: flame proof, so that ensure the lamp can safely used in all kinds of inflammable and explosive places.
- 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.

Technical Specification

Input Voltage	90~264VAC / 127~370VDC
Frequency	50Hz / 60Hz
Anti corrosion grade	WF2
Insulation Grade	I
Spacing height ratio	3.5
Screw Thread	G3/4
Cable Diameter	8mm~ 14mm
Dimension	240 × 220mm
Net Weight	5Kg

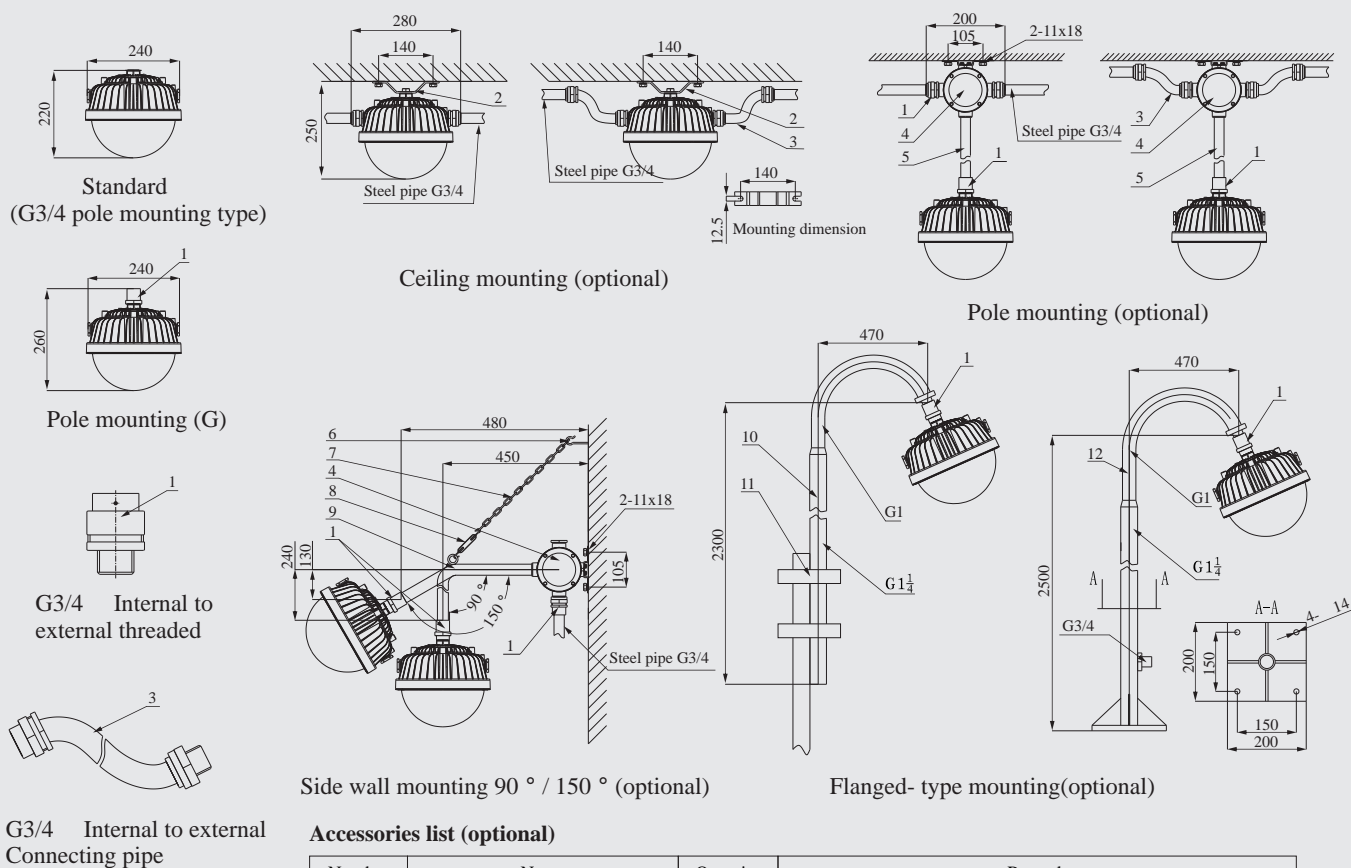
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Ordering reference

Model Number	Input Voltage	Light source	Rated wattage (W)	Light output (lm)	Equivalent to			
					Metal Halide Lamp	Electrode Less Lamp	Energy Saving Lamp	High pressure mercury lamp
BC9302-L25	90~264VAC or 127~370VDC	LED	25	3,300	50~70W	50W	60W	80W
BC9302-L40		LED	40	5,508	100W	85W	120W	125W
BC9302-L60		LED	60	7,128	150W	120W	180W	175W
Optional								
BC9302-L25-D	18~43VAC or 18~55VDC	LED	25	3,300	50~70W	50W	60W	80W
BC9302-L40-D		LED	40	5,508	100W	85W	120W	125W

Drawing of dimension (Dimensions in mm)



Accessories list (optional)

Number	Name	Quantity	Remark
1	Explosion proof connector		G3/4 internal to external
2	Mounting bracket	1	
3	Connecting pipe	2	G3/4 internal to external
4	Explosion proof junction box	1	G3/4
5	G3/4 pole	1	The length in accordance with the request of the customer
6	Screw hook	1	
7	Chain	1	
8	Turn buckle	1	
9	G3/4 bend pipe	1	90 degrees and 150 degrees are optional
10	Light pole	1	
11	U-bolts	2	
12	Flanged type pole	1	



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