



# BC9303 Series LED Explosion proof Platform Light

LED



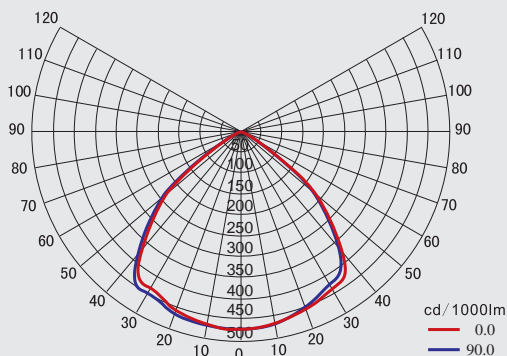
ATEX Ex Marking:

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

- 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 Taiwan Meanwell 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.

## Technical Specification

Input Voltage	90~264VAC / 127~370VDC
Frequency	50Hz / 60Hz
Anti corrosion grade	WF2
Insulation Grade	I
Spacing height ratio	2
Screw Thread	G3/4
Cable Diameter	8mm~ 14mm
Dimension	240 × 160mm
Net Weight	4Kg

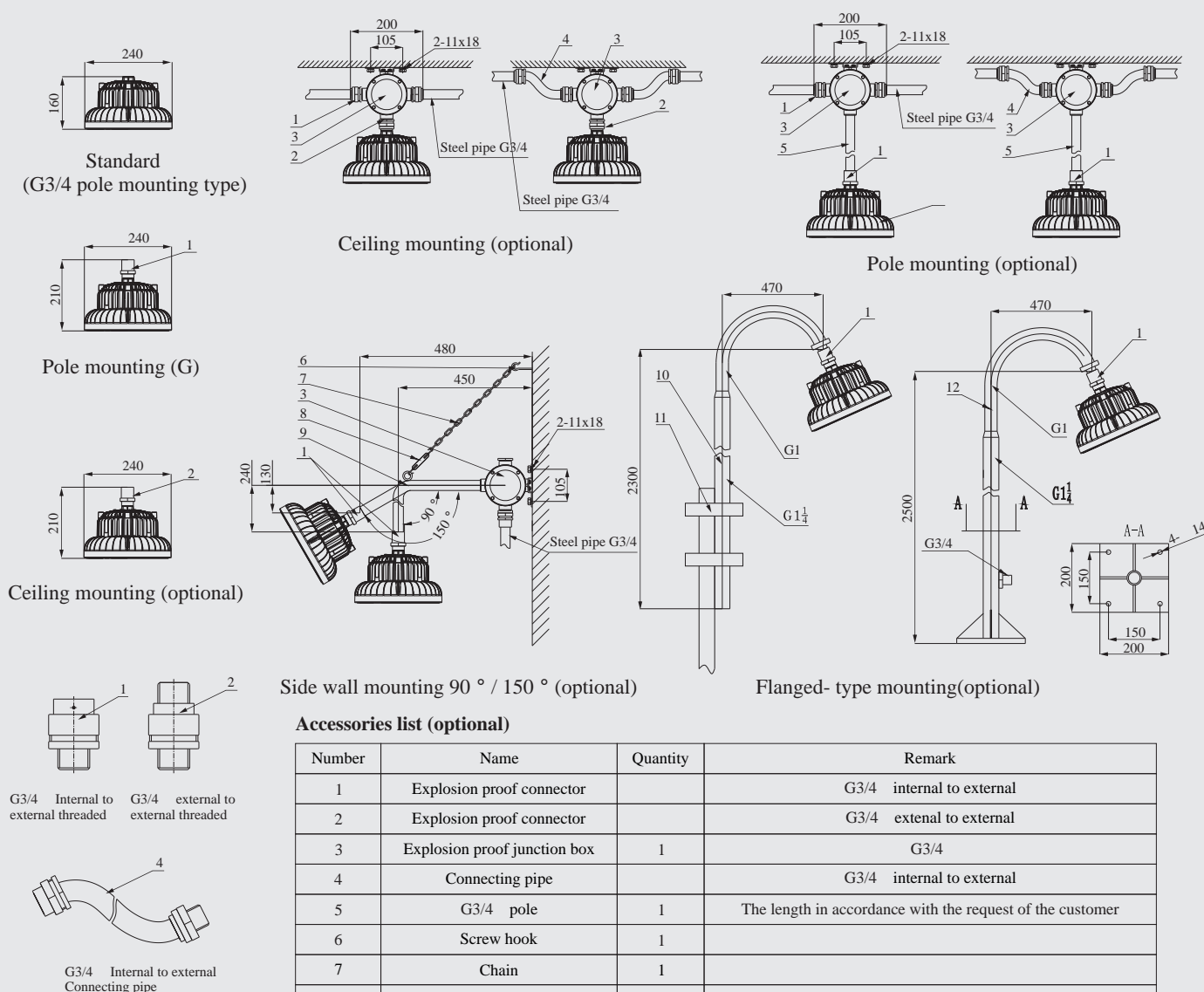
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## Ordering reference

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
BC9303-L25	90~264VAC or 127~370VDC	LED	25	3,300	50~70W	50W	60W	80W
BC9303-L40		LED	40	5,508	100W	85W	120W	125W
BC9303-L60		LED	60	7,128	150W	120W	180W	175W
Optional								
BC9303-L25-D	18~43VAC or 18~55VDC	LED	25	3,300	50~70W	50W	60W	80W
BC9303-L40-D		LED	40	5,508	100W	85W	120W	125W

## Drawing of dimension (Dimensions in mm)



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