

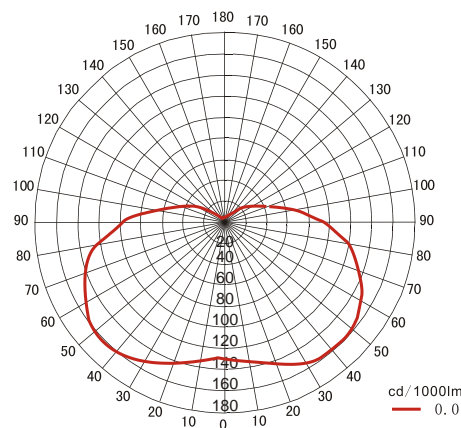
LED



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



Light distribution curve



Application

The BC9302 Series are approved for safe use in potentially explosive atmospheres such as petrol station, oil field, metallurgy, power station etc.

Characteristics of performance

- With the unique light distribution design, make the light well-distributed. Its beam angle can reach 220°. It efficiently utilizes 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.
- The housing is especially designed to dissipate heat. Besides, it uses the thermal transmission to accelerate the heat conduction which increases 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 be used in all kinds of inflammable and explosive places.
- The anti-corrosion, abrasion proof, powder coated cover which is dust proof, water proof, makes the lamp an excellent option for all kinds of high stress environments.
- The lamp can be parallel connected, no need to use the junction box.

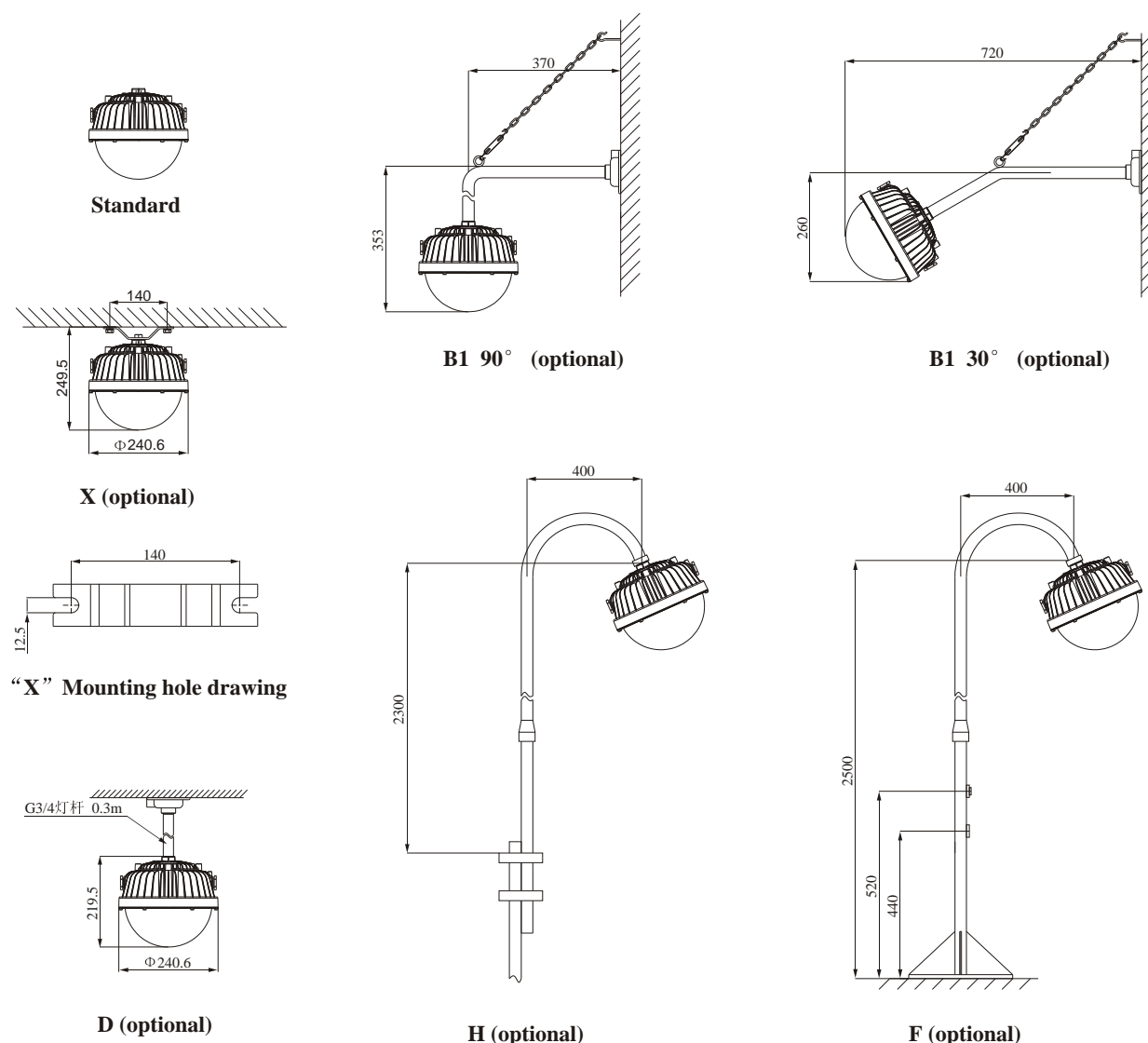
Main specification

Input Voltage	AC90 to 305V
Output Voltage	DC36-48V
Frequency	47-63Hz
Ingress Protection	IP66
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	3.5
Thread	G3/4"
Leading-in cable diameter	φ 8mm - φ 14mm
Dimension	240 × 240 × 220mm
Net Weight	5Kg

Ordering reference

Ordering Reference	Light Source	Wattage(W)	Luminous Flux (lm)	Replace			
				MH*	Induction lamp	CFL*	Mercury lamp
BC9302-L25	LED	25	3,300	70W	50W	60W	80W
BC9302-L40	LED	40	5,412	70~100W	85W	120W	125W
BC9302-L60	LED	60	6,996	100~150W	120W	180W	175W

Drawing of dimension (Dimensions in mm)



*MH: Metal halide lamp
*CFL: Compact fluorescent lamp