

**PART NUMBER :LGDS9200IL**

**Certificate**

CE, Explosion Proof Certificate  
Ex code:Ex de II C T6  
GB Code:NLE09441  
Ingress Protection:IP65  
Standard:  
GB3836.1-2000  
GB3836.2-2000  
GB3836.3-2000



**Application**

This product is approved for safe use in various explosive and flammable fields such as **petroleum, chemical industry, metallurgy**, etc.

**Characteristics**

- 1)Light Source: American **CREE LED**, save almost 90% energy than the incandescent lamp and 60% over the energy saving lamp.
- 2) Long Service Life: with the average service life as long as 100,000 hours, maintenance free.
- 3) Multi-voltage: 90 to 264VAC or 18 to 40V
- 4) Feature: LED anti-dazzle lens, making the light more gentle, glare free. It will not cause weariness for the operators' eyes.
- 5) Material: aluminum alloy, PC transparency.
- 6) Surface Treatment: electro static treatment, anti-corrosion.
- 7) Multi-mounting options: Ceiling mounted, wall mounted etc.
- 8) It is provided with dual explosion-proof interfaces that make the lamp can be connected in series.

## Light Source

specification	UNIT	BC9200A	BC9200B	BC9200C
Voltage	V	90 to 264VAC, AC/DC(18-40V)		
wattage	W	4×3W	2×3W	2×1.5W
Luminous Flux	Lm	1144	572	348
Average service Time	h	100,000	100,000	100,000
Anticorrosion Grade	WF2			
Insulation Grade	I			
spacing height ratio	1.2			
Cable Diameter	mm	Φ 6~ Φ8	Φ 6~ Φ8	Φ 6~ Φ8
Dimension	mm	Φ 147×140	Φ 147×140	Φ 147×140
Weight	Kg	1.3	1.3	1.3

Model No.	Light Source	Rated Wattage (W)	luminous flux (Lm)	Average Service Life (h)
BC9200A	LED	4×3W	1144	100,000
BC9200B	LED	2×3W	572	100,000
BC9200C	LED	2×1.5W	348	100,000

## Drawing of dimension

