



### **Applications**

- A wide range of hazardous areas where ignitable vapors, dust, moisture and corrosive elements are present
- Typical applications include:  
*Oil and gas industries*  
*Chemical, petrochemical*  
*Pharmaceutical industries*  
*Pulp and Paper*  
*Waste and sewage treatment*  
*Power Generation*

### **Features**

- Die casting shell made of cast aluminum alloy (copper is less than 0.4%), surface is high voltage electrostatic spray paint after high speed shot blasting, good corrosion proof.
- Stainless steel outer fasteners.
- Tempered glass for transparent parts, high energy impact proof, anti glare design.
- Easy installation and maintenance, reliable electrical performance.
- Lens guard to protect against breakage.
- With the hole for easy opening, and the patented structure (automatic suspended security structure), make lamp replacement fast, convenient and safe.

### **Standard Materials**

Housing: Die-casting aluminum  
 Exterior: Stainless steel  
 Globe: Tempered glass  
 Gasket: Silicon rubber  
 Wire Guard: Carbon steel

### **Certifications**

ATEX  
 CNEX  
 CE  
 RoHS  
 ISO9001

## Electrical Data

Ex Marking	Ex d IIC T6
Classification	Group II, Catogory 2 GD; Class I, Division 1 and 2, Group A,B,C,D
IP Degree	IP65
Corrosion Resistant	WF1
Input Voltage	220VAC
Conduit Entries	G 3/4"
Lamp Holder	E27, E40
Mounting Styles	Pendant; Ceiling; Wall Bracket; Stanchion

## Ordering Information

Model No.	BCD-100	BCD-200	BCD-200Big	BCD-250	BCD-400
Holder	E27	E27	E27	E40	E40
Metal Halide Lamp	/	70/100/150/175W	70/100/150/175W	250W	400W
High Pressure Sodium Lamp	/	70/100/110/150W	70/100/110/150W	250W	400W
High Pressure Mercury Lamp	/	80/125/160W	80/125/160W	175/250W	400/450W
Energy Saving Bulb	15W	36W	36W	105W	150W
LED Bulb	8W	15W	15W	36W	/
Weight	1.4kg	2.0kg	2.87kg	3.78kg	6.31kg

## Installation

