

# BDD81 防爆灯

BDD81  
Explosion-proof Lightings



## 应用场所 Application

- 广泛应用于海洋工程各类作业平台、各类化学品、天然气运输船、危险品码头等危险区域作检修照明之用；
- 可在潮湿、振动、腐蚀等恶劣环境中可靠工作；
- 适用于爆炸性危险环境1区、2区、21区、22区等场所。
- Widely used for overhaul the illumination on various marine platforms, chemical tankers, LNG ships and hazardous cargo wharfs, etc..
- Can reliably work in severe environment exposed in moisture, vibration or corrosion;
- Explosive hazardous atmosphere Zone 1, Zone 2, Zone 21, Zone 22.

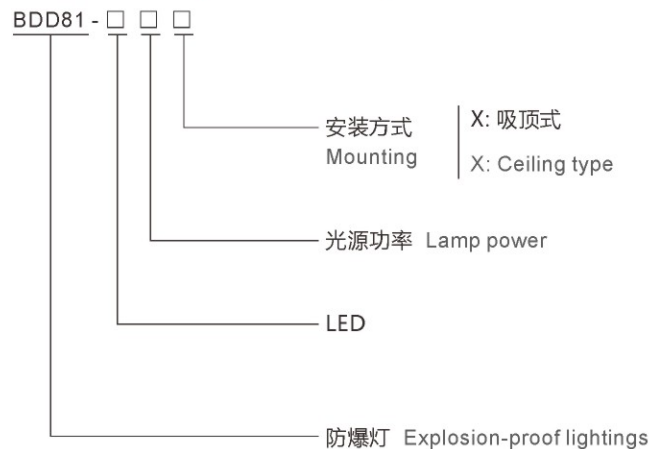
## 灯体 Housing

- 优质海工铝合金，表面喷塑
- High quality maritime aluminum alloy, powder coated surface

## 透明罩 Transparent cover

- 钢化玻璃，抗4J冲击
- Toughened glass, stands 4J impact

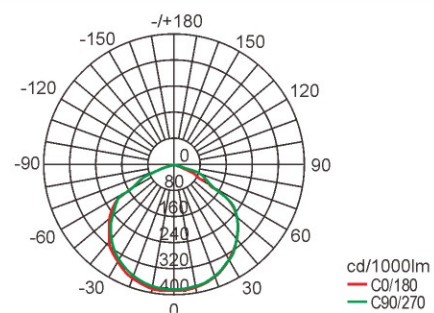
## 型号含义 Catalogue number logic



## 配光曲线 Light distribution curve

- BDD81-LED7□

灯具功率 Lamp power	光通量 Luminous flux
7W	840lm



### 选配表 Selection table

型号 Type	额定电压(V) Rated voltage	额定功率(W) Rated power	光通量(lm) Luminous flux	重量(kg) Weight
				吸顶式 Ceiling type
BDD81-LED7	220V/230V AC 50/60Hz	7W	840	2.5
BDD81-LED10		10W	1200	2.5
BDD81-LED12		12W	1440	2.5

- 灯具出厂时配防爆堵头，若用户需要防爆电缆夹紧密封接头，请注明。
- The light fitting is supplied with Ex type stopping plug and Ex cable gland is on request.

### 防爆标志选配表 Ex-Mark Selection table

型号 Type	防爆标志 Ex-Mark		
	GB	IECEX	ATEX
BDD81-LED7 BDD81-LED10 BDD81-LED12	Ex db IIC T6 Gb Ex tb IIIC T80°C Db	Ex db IIC T6 Gb Ex tb IIIC T80°C Db	Ⓔ II 2 G Ex db IIC T6 Gb Ⓔ II 2 D Ex tb IIIC T80°C Db

### 技术参数 Technical parameters

执行标准 Conformity to standards	IEC 60079, EN 60079, GB/T 3836, CCS 入级规范 (CCS standard)
环境温度 Ambient temperature	-40°C~+55°C
光源类型 Light source	LED 模组 LED module
色温 Color temperature	5700K±250K
显色指数 Color rendering index	Ra≥80
防护等级 Degree of protection	IP66
防腐等级 Corrosion-proof	WF2
电缆引入口 Cable entris	4×M25×1.5堵头(铝合金), 推荐配2×M25×1.5格兰(黄铜镀镍) DQM-II/III Ex db , 适用于Φ12.5~Φ20.5mm电缆 4×M25×1.5 plug (Aluminum alloy), 2×M25×1.5 gland (Nickel plated brass) DQM-II/III Ex db is recommended, suitable for Φ12.5~Φ20.5mm cable
接线端子 Terminal	1.5~4mm <sup>2</sup>

### 外形尺寸及安装方式举例 Outline dimension and mounting type

