

# BCTZ-LED 防爆探照灯

## BCTZ-LED Explosion-proof Searchlights



### 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远距离搜索照明之用；
- 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 long-distance search and illumination in explosion-proof hazardous areas such as various operation platforms of marine engineering projects, transport ships and dangerous goods terminals;
- Can reliably work in severe environment exposed in moisture, vibration or corrosion;
- Explosive hazardous atmosphere Zone 1, Zone 2, Zone 21, Zone 22.

### 型号含义 Catalogue number logic



## 灯体 Housing

- 优质海工铝合金灯体，不锈钢外壳，表面喷塑
- High-quality marine engineering aluminum alloy lamp body, stainless steel shell, surface powder coated

## 透明罩 Transparent cover

- 钢化玻璃
- Toughened glass

## 电气 Electric

- 恒流恒压驱动电源，宽电压输入
- Constant current constant voltage power, wide voltage input

## 安装支架 Mounting frame

- 不锈钢
- Stainless steel

## 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
BCTZ-LED300	100V-277V AC 50/60Hz	300W	72000	71.0
BCTZ-LED400		400W	96000	
BCTZ-LED500		500W	120000	

- 灯具出厂时配防爆堵头，若用户需要防爆电缆夹紧密接头，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	环境温度 Ambient temperature	防爆标志 Ex-Mark		
		GB	IECEX	ATEX
BCTZ-LED300	-40°C~+60°C			
BCTZ-LED400		Ex db eb IIC T5/T4 Gb Ex tb IIIC T95°C/T130°C Db	Ex db eb IIC T5/T4 Gb Ex tb IIIC T95°C/T130°C Db	Ex II 2 G Ex db eb IIC T5/T4 Gb Ex II 2 D Ex tb IIIC T95°C/T130°C Db
BCTZ-LED500				

## 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~+60°C
光源类型 Light source	LED 模组 LED module
色温 Color temperature	5000K±200K
显色指数 Color rendering index	Ra≥65
防护等级 Degree of protection	IP66/IP67
防腐等级 Corrosion-proof	WF2
电缆引入口 Cable entris	2×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 eb , 适用于Φ12.5~Φ20.5mm电缆 2×M25×1.5 plug (Aluminum alloy), 2×M25×1.5 gland (Nickel plated brass) DQM-II/III Ex eb is recommended, suitable for Φ12.5~Φ20.5mm cable
接线端子 Terminal	1.5~6mm <sup>2</sup>

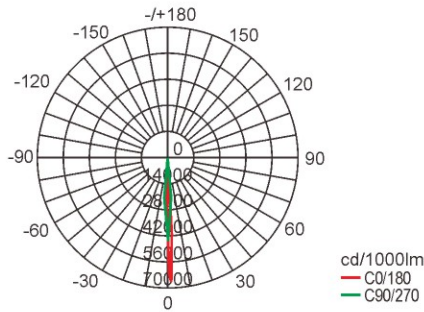
# BCTZ-LED 防爆探照灯

BCTZ-LED Explosion-proof Searchlights

## 配光曲线 Light distribution curve

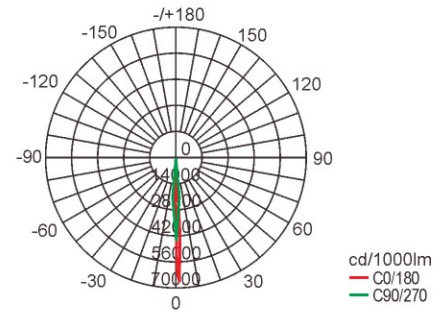
### ■ BCTZ-LED300

灯具功率 Lamp power	光通量 Luminous flux
300W	72000lm



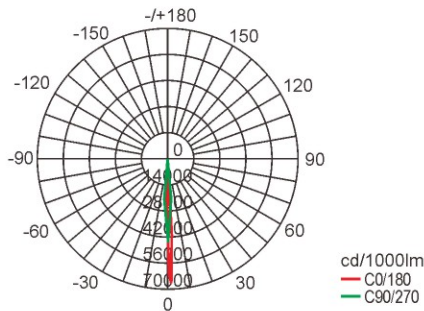
### ■ BCTZ-LED400

灯具功率 Lamp power	光通量 Luminous flux
400W	96000lm



### ■ BCTZ-LED500

灯具功率 Lamp power	光通量 Luminous flux
500W	120000lm



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

