

# BDD95 防爆LED泛光灯

BDD95  
Explosion-proof LED 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远距离泛光照明之用；
- 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 floodlight 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.

## 型号含义 Catalogue number logic



## 灯体 Housing

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

## 电气 Electric

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

## 透明罩 Transparent cover

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

### 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
BDD95-90-60	100~300V AC 50/60Hz 100~250V DC	60W	9706	8.5
BDD95-90-90		90W	14975	8.5
BDD95-160-120		120W	20280	12.2
BDD95-160-160		160W	27343	12.2

- 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	防爆标志 Ex-Mark	
	IECEx	ATEX
BDD95-90-60 BDD95-90-90 BDD95-160-120 BDD95-160-160	Ex db eb op is IIC T□ Gb Ex tb op is IIIC T□ Db	Ⓔ II 2 G Ex db eb op is IIC T□ Gb Ⓔ II 2 D Ex tb op is IIIC T□ Db

型号 Type	温度组别 Temperature classification			
	-40°C≤Ta≤+40°C		-40°C≤Ta≤+55°C	
	气体 Gas	粉尘 Dust	气体 Gas	粉尘 Dust
BDD95-90-60	67°C (T6)	62°C	82°C (T6)	77°C
BDD95-90-90	87°C (T5)	82°C	102°C (T4)	97°C
BDD95-160-120	72°C (T6)	67°C	87°C (T5)	82°C
BDD95-160-160	92°C (T5)	87°C	107°C (T4)	102°C

### 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(+40°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≥70
防护等级 Degree of protection	IP66
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	1.5~4mm <sup>2</sup>



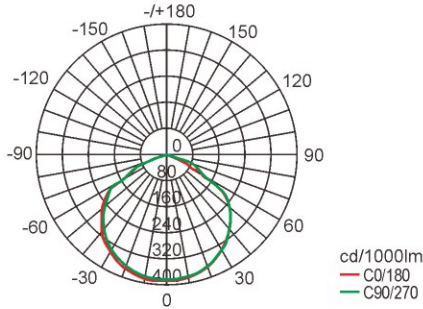
# BDD95 防爆LED泛光灯

BDD95 Explosion-proof LED Lightings

## 配光曲线 Light distribution curve

### ■ BDD95-90-□□

灯具功率 Lamp power	光通量 Luminous flux
60W	9706lm
90W	14975lm

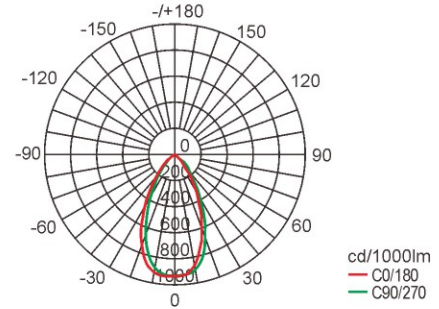


### ■ BDD95-90-□□

灯具功率 Lamp power	光通量 Luminous flux
60W	7200lm
90W	10450lm

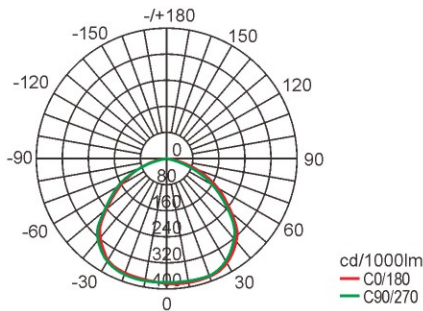
注：可根据需求提供45°或30°透镜。

Note: Lens of 45° and 30° can be provided on request.



### ■ BDD95-160-□□

灯具功率 Lamp power	光通量 Luminous flux
120W	20280lm
160W	27343lm

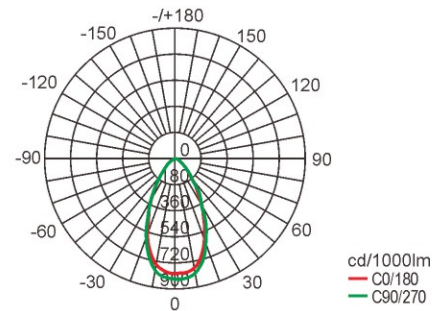


### ■ BDD95-160-□□

灯具功率 Lamp power	光通量 Luminous flux
120W	13200lm
160W	19250lm

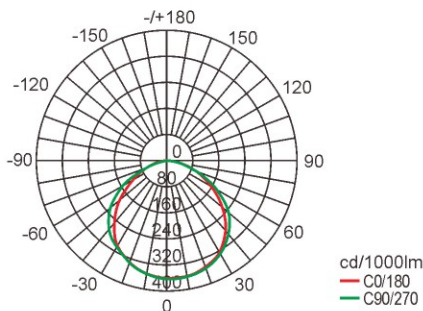
注：可根据需求提供45°或30°透镜。

Note: Lens of 45° and 30° can be provided on request.



### ■ BDD95-160-□□

灯具功率 Lamp power	光通量 Luminous flux
2×120W	40560lm
2×160W	54686lm

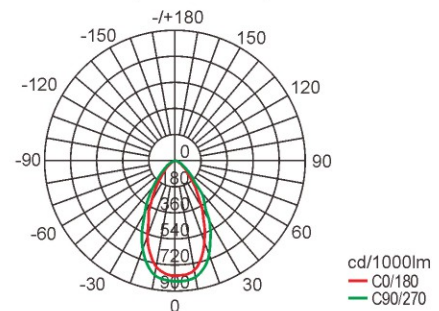


### ■ BDD95-160-□□

灯具功率 Lamp power	光通量 Luminous flux
2×120W	26400lm
2×160W	38500lm

注：可根据需求提供45°或30°透镜。

Note: Lens of 45° and 30° can be provided on request.



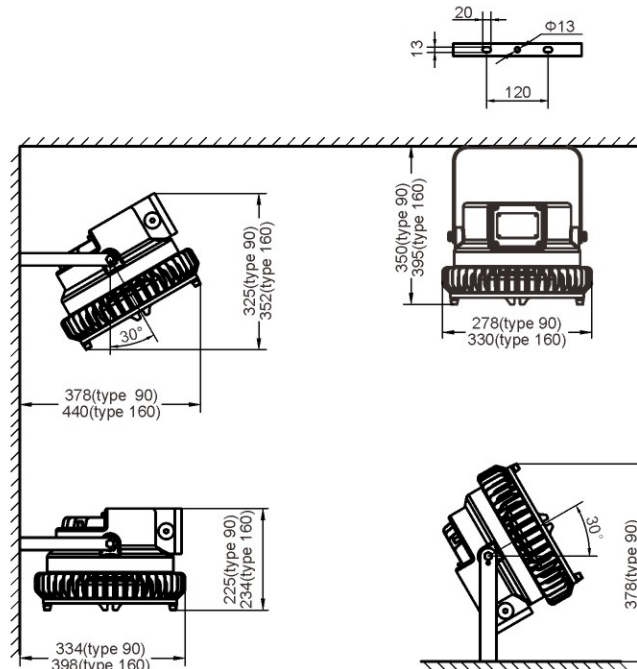
注：集成两盏灯的灯具参数。

Note: Measuring parameters of light fitting integrating two lamps

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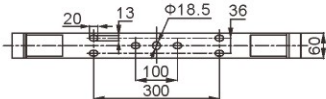
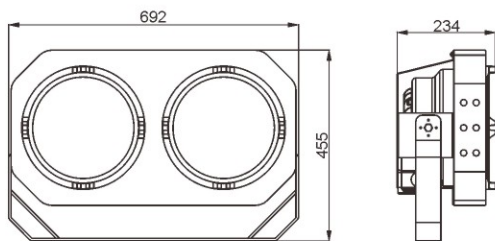
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外形尺寸及安装方式举例 Outline dimension and mounting type

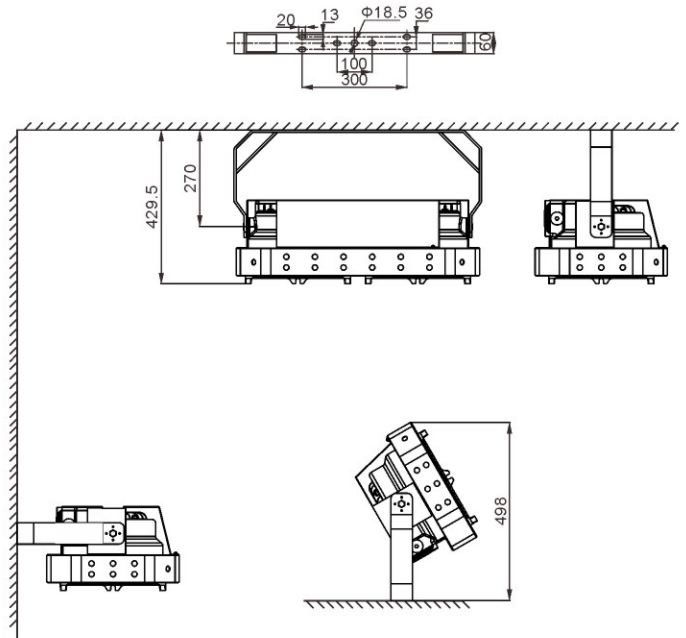


支架式(K)  
Bracket type(K)

C



Weight: 30.00kg



支架式(K)  
Bracket type(K)