

## 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工作及场景照明之用；
- 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 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

## 电气 Electric

- 恒流恒压驱动电源，宽电压输入100V~277V AC 50/60Hz
- Constant current constant voltage drive power, wide voltage input 100V-277V AC 50/60Hz

## 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	防爆标志 Ex-Mark	重量(kg) Weight
HRD91-30	220V/230V AC 50/60Hz, 100V~277V AC 50/60Hz	30W	3150	Ex d IIC T□ <sup>1)</sup> Gb Ex tD A21 IP66 T□ <sup>1)c</sup> <sup>1)</sup> 见选配表 <sup>1)</sup> See Selection Table	4.3
HRD91-50		50W	5450		
HRD91-70		70W	7955		
HRD91-100		100W	10800		
HRD91-120		120W	12930		6.2

- 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

额定功率(W) Rated power	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
30, 50, 70, 100	T6	80°C	T5	95°C
120	T5	95°C	T4	130°C

## 技术参数 Technical parameters

执行标准 Conformity to standards	IEC60079, EN60079, GB3836, GB12476, 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
电缆入口 Cable entris	吸顶式: 4 × M25 × 1.5堵头(铝合金), 立杆式: 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 Exd, 适用于Φ12.5~Φ20.5mm电缆 Ceilling type: 4×M25×1.5 plug (Aluminum alloy). pole type: 2×M25×1.5 plug (Aluminum alloy). 2×M25×1.5 gland (Nickel plated brass) DQM-II/III Exd is recommended, suitable for Φ12.5-Φ20.5mm cable
接线端子 Terminal	3 × 1.5~4mm <sup>2</sup>

## 外形尺寸 Outline dimension

