

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

- 316L不锈钢板拉伸成型，表面喷塑
- Stretching formed 316L stainless steel, 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

- 透明聚碳酸酯，抗4J冲击
- Cleat polycarbonate, stands 4J impact

带应急参数(J) Data for light with emergency function

- 单管应急，应急时间≥120min
- Single tube emergency, emergency lighting time ≥120 min

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
HRY51-G/C LED9 × 2	170V~264V AC 50/60Hz	9W × 2	2250	4.5
HRY51-G/C LED18 × 2		18W × 2	4740	6.8
HRY51-G/C LED14 × 2	100V~277V AC 50/60Hz 200V~250V DC	14W × 2	3050	5.7
HRY51-G/C LED28 × 2		28W × 2	6340	8.0
HRY51-G/C LED14 × 2J		14W × 2	3050	6.2
HRY51-G/C LED28 × 2J		28W × 2	6340	9.0

- 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

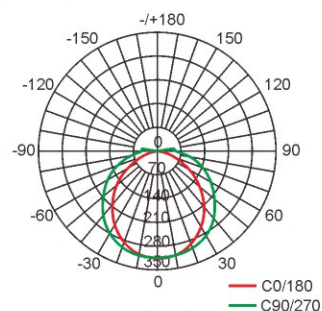
型号 Type	环境温度 Ambient temperature	防爆标志 Ex-Mark		
		GB	IECEx	ATEX
HRY51-G/C LED9 × 2	-40℃ ≤ Ta ≤ +57℃	Ex db eb IIC T6 Gb Ex tb IIIC T80℃ Db	Ex db eb IIC T6 Gb Ex tb IIIC T80℃ Db IP66/IP67	Ex II 2G Ex db eb IIC T6 Gb Ex II 2D Ex tb IIIC T80℃ Db IP66/IP67
HRY51-G/C LED18 × 2	-40℃ ≤ Ta ≤ +58℃	Ex db eb IIC T5 Gb Ex tb IIIC T80℃ Db	Ex db eb IIC T5 Gb Ex tb IIIC T80℃ Db IP66/IP67	Ex II 2G Ex db eb IIC T5 Gb Ex II 2D Ex tb IIIC T80℃ Db IP66/IP67
HRY51-G/C LED14 × 2	-40℃ ≤ Ta ≤ +53℃	Ex db eb q IIC T6 Gb Ex tb IIIC T80℃ Db	Ex db eb q IIC T6 Gb Ex tb IIIC T80℃ Db IP66/IP67	Ex II 2G Ex db eb q IIC T6 Gb Ex II 2D Ex tb IIIC T80℃ Db IP66/IP67
HRY51-G/C LED28 × 2	-40℃ ≤ Ta ≤ +58℃	Ex db eb q IIC T5 Gb Ex tb IIIC T80℃ Db	Ex db eb q IIC T5 Gb Ex tb IIIC T80℃ Db IP66/IP67	Ex II 2G Ex db eb q IIC T5 Gb Ex II 2D Ex tb IIIC T80℃ Db IP66/IP67
HRY51-G/C LED14 × 2J	-40℃ ≤ Ta ≤ +48℃	Ex db eb q IIC T6 Gb Exx tb IIIC T80℃ Db	Ex db eb q IIC T6 Gb Ex tb IIIC T80℃ Db IP66/IP67	Ex II 2G Ex db eb q IIC T6 Gb Ex II 2D Ex tb IIIC T80℃ Db IP66/IP67
HRY51-G/C LED28 × 2J	-40℃ ≤ Ta ≤ +53℃	Ex db eb q IIC T5 Gb Ex tb IIIC T80℃ Db	Ex db eb q IIC T5 Gb Ex tb IIIC T80℃ Db IP66/IP67	Ex II 2G Ex db eb q IIC T5 Gb Ex II 2D Ex tb IIIC T80℃ Db IP66/IP67

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~+53°C/58°C
光源类型 Light source	防爆LED灯管 Explosion-proof LED tube
色温 Color temperature	5000K ± 250K (3000K、4000K可选 Optional)
显色指数 Color rendering index	Ra ≥ 80
防护等级 Degree of protection	IP66/IP67
防腐等级 Corrosion-proof	WF2
电缆引入口 Cable entris	4 × Φ25.5孔, 配4 × M25 × 1.5堵头(黄铜镀镍), 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 4 × Φ25.5 hole, with 4 × M25 × 1.5 plug (Nickel plated brass), 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 ²

外形尺寸 Outline dimension

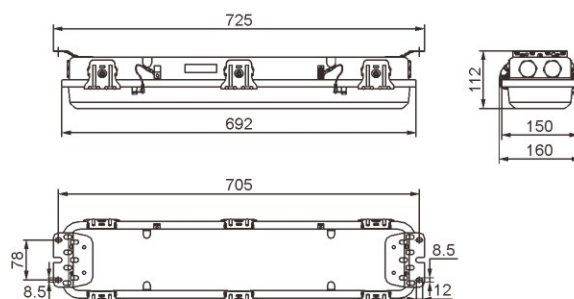
cd/1000lm



14W × 2

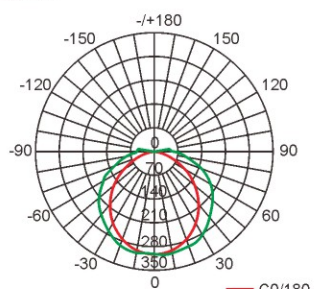
配光曲线

Light distribution curve



9W × 2、14W × 2

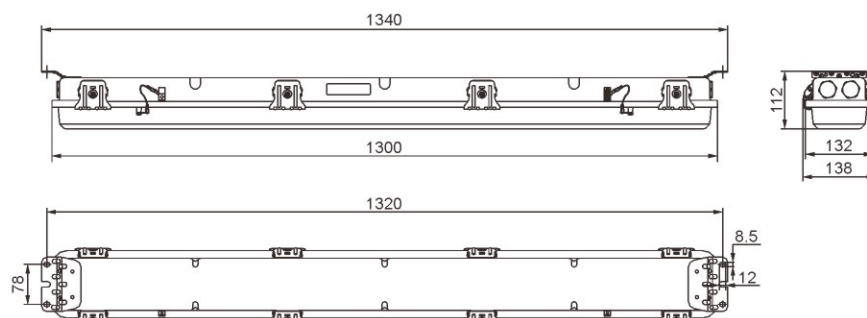
cd/1000lm



28W × 2

配光曲线

Light distribution curve



18W × 2、28W × 2