

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

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

透明罩 Transparent cover

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

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

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

- 单管应急，应急时间≥90min
- Single tube emergency, emergency lighting time ≥90 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 LED 20	100V~277V AC 50/60Hz 130~250V DC	20W	2540	4.6
HRY51-G/C LED 20J		20W	2480	5.8
HRY51-G/C LED 40		40W	5100	7.1
HRY51-G/C LED 40J		40W	5060	8.4
HRY51-G/C LED 60		60W	7060	7.4
HRY51-G/C LED 60J		60W	7030	8.3
HRY51-G/C LED 80		80W	9950	8.1

- 灯具出厂时配防爆堵头，若用户需要防爆电缆夹紧密密封接头，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

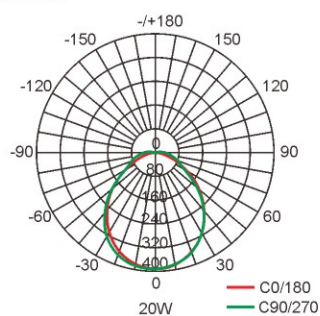
型号 Type	环境温度 Ambient temperature	防爆标志 Ex-Mark		
		GB	IECEx	ATEX
HRY51-G/C LED20 HRY51-G/C LED20J	-40℃≤Ta≤+40℃	Ex db eb mb IIC T6 Gb Ex tb IIIC T80℃ Db	Ex db eb mb IIC T6 Gb Ex tb IIIC T80℃ Db	II 2G Ex db eb mb IIC T6 Gb II 2D Ex tb IIIC T80℃ Db
	-40℃≤Ta≤+58℃	Ex db eb mb IIC T5 Gb Ex tb IIIC T95℃ Db	Ex db eb mb IIC T5 Gb Ex tb IIIC T95℃ Db	II 2G Ex db eb mb IIC T5 Gb II 2D Ex tb IIIC T95℃ Db
HRY51-G/C LED40 HRY51-G/C LED40J	-40℃≤Ta≤+40℃	Ex db eb mb IIC T6 Gb Ex tb IIIC T80℃ Db	Ex db eb mb IIC T6 Gb Ex tb IIIC T80℃ Db	II 2G Ex db eb mb IIC T6 Gb II 2D Ex tb IIIC T80℃ Db
	-40℃≤Ta≤+58℃	Ex db eb mb IIC T5 Gb Ex tb IIIC T95℃ Db	Ex db eb mb IIC T5 Gb Ex tb IIIC T95℃ Db	II 2G Ex db eb mb IIC T5 Gb II 2D Ex tb IIIC T95℃ Db
HRY51-G/C LED60 HRY51-G/C LED60J	-40℃≤Ta≤+40℃	Ex db eb mb IIC T6 Gb Ex tb IIIC T80℃ Db	Ex db eb mb IIC T6 Gb Ex tb IIIC T80℃ Db	II 2G Ex db eb mb IIC T6 Gb II 2D Ex tb IIIC T80℃ Db
	-40℃≤Ta≤+58℃	Ex db eb mb IIC T5 Gb Ex tb IIIC T95℃ Db	Ex db eb mb IIC T5 Gb Ex tb IIIC T95℃ Db	II 2G Ex db eb mb IIC T5 Gb II 2D Ex tb IIIC T95℃ Db
HRY51-G/C LED80	-40℃≤Ta≤+40℃	Ex db eb mb IIC T5 Gb Ex tb IIIC T95℃ Db	Ex db eb mb IIC T5 Gb Ex tb IIIC T95℃ Db	II 2G Ex db eb mb IIC T5 Gb II 2D Ex tb IIIC T95℃ Db
	-40℃≤Ta≤+58℃	Ex db eb mb IIC T4 Gb Ex tb IIIC T130℃ Db	Ex db eb mb IIC T4 Gb Ex tb IIIC T130℃ Db	II 2G Ex db eb mb IIC T4 Gb II 2D Ex tb IIIC T130℃ Db

技术参数 Technical parameters

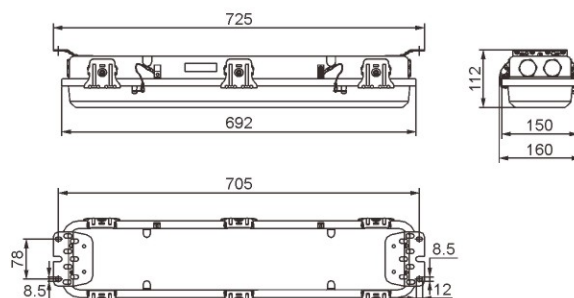
执行标准 Conformity to standards		IEC 60079, EN 60079, GB/T 3836, CCS 入级规范 (CCS standard)
防爆标志 Ex-Mark	GB	Ex db eb mb IIC T6/T5/T4 Gb Ex tb IIIC T80°C/T95°C/T130°C Db
	IECEX	Ex db eb mb IIC T6/T5/T4 Gb Ex tb IIIC T80°C/T95°C/T130°C Db
	ATEX	II 2G Ex db eb mb IIC T6/T5/T4 Gb II 2D Ex tb IIIC T80°C/T95°C/T130°C Db
环境温度 Ambient temperature		-40°C~+58°C
光源类型 Light source		防爆LED模组 Explosion-proof LED module
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
防腐等级 Corrosion-proof		WF2
电缆入口 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

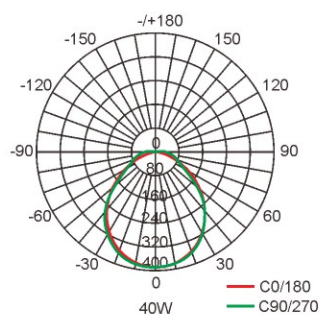


配光曲线
Light distribution curve

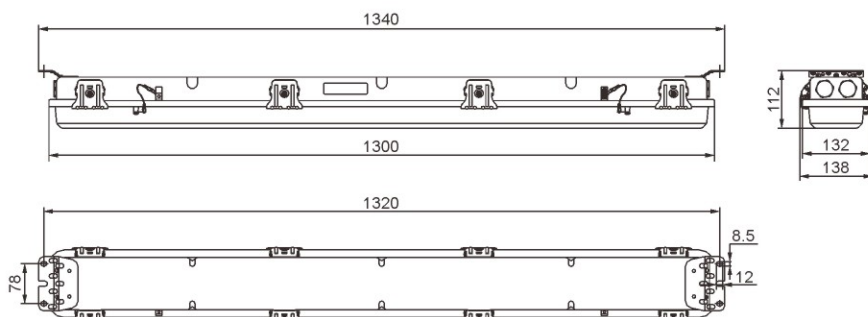


20、20J

cd/1000lm



配光曲线
Light distribution curve



40、40J、60、60J、80