

HDL-W 防爆风向灯

HDL-W
Explosion-proof Wind Direction Lamp



应用场所 Application

- 适用于直升机平台做风向指示之用；
- 适用于爆炸性环境1区，2区，21区，22区等场所；
- 适用于环境温度：-40°C~+55°C。
- Used for indicating the wind direction on helideck;
- Explosive hazardous atmosphere Zone 1, Zone 2, Zone 21, Zone 22;
- Suitable for temperature of -40°C~+55°C.

型号含义 Catalogue number logic



产品特性 Features

- 不锈钢316骨架，灯具为海工铝材质，防腐处理后表面喷塑；
- LED白色光源，寿命长达6万小时；
- 活动滑环结构，随风向水平360°自由旋转。
- Stainless steel 316 framework, lamp is of maritime aluminium alloy, powder coated on surface after preservative treatment.
- LED white light source, service life is up to 60000 hours.
- Flexible slip ring structure, horizontal 360° free rotation with wind.

选配表 Selection table

型号 Type	额定电压(V) Rated voltage	额定功率(W) Rated power	防护等级 Degree of protection	重量(kg) Weight
HDL-W	100V~277V AC 50/60Hz 12V~48V DC	9	IP66	20.0

- 产品出厂时不配防爆电缆夹紧密封接头，如有需求，订货时请注明；
- 如需其他特殊要求，订货时请注明。
- The product is supplied without explosion-proof cable gland. If needed, please specify when ordering;
- If other special requirements are needed, please specify when ordering.

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 IIC T6 Gb Ex tb IIIC T80°C Db
	IECEX	Ex db eb op is IIC T6 Gb Ex tb op is IIIC T80°C Db IP66
	ATEX	⊕ II 2 G Ex db eb op is IIC T6 Gb ⊕ II 2 D Ex tb op is IIIC T80°C Db IP66
环境温度 Ambient temperature	-40°C~+55°C	
光源类型 Light source	LED	
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×M20×1.5堵头(塑料)，推荐配2×DQM-II/III Ex eb, M20×1.5格兰(黄铜镀镍)，适用于Φ9~Φ16mm电缆 2×M20×1.5 plug (Plastic), 2×DQM-II/III Ex eb, M20×1.5 gland (Nickel plated brass) is recommended, suitable for Φ9~Φ16mm cable	
接线端子 Terminal	1.5~4mm ²	

外形尺寸 Outline dimension

