信号灯系列
Signal lights

HDL-F 系列直升机平台防爆泛光灯
HDL-F Series Helideck Explosion-proof Floodlights

应用场所 Application
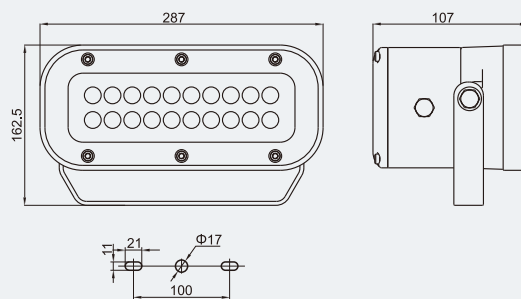
◆ 适用于直升机平台定位照明；
◆ 适用于爆炸性环境1区，2区，21区，22区等场所；
◆ 适用于环境温度: −40℃~+50℃。

◆ Used for position lighting on helideck；
◆ Explosive hazardous atmosphere zone 1, zone2, zone 21, zone22;
◆ Suitable for temperature of -40℃~+50℃.

产品特性 Features

◆ 壳体采用海工专用铝合金压铸成型，经特殊防腐处理后表面喷塑；
◆ 采用钢化玻璃透明罩，透光率高达90%，抗高能量冲击；
◆ 采用国际品牌LED光源，白色发光，色温5000K，寿命大于6万小时；
◆ 内装恒压恒流驱动电源，宽电压输入，恒功率输出，启动快，性能稳定，防浪涌、过流、开路、短路等保护功能；
◆ 小角度聚光配光设计，专业光学软件设计的二次配光系统，符合CAP437标准要求；
◆ 内置接线端子，适用于导线: ≤3×4.0mm²。

◆ Enclosure is made of maritime special aluminium alloy, powder coated surface after special corrosion-proof treatment;
◆ Toughened glass transparent cover, light transmittance up to 90%, stands high energy impact;
◆ International brand of LED light source, white light, color temperature of 5000K, service life more than 60000 hours；
◆ Built-in constant current constant voltage drive power, wide voltage input, constant power output, with functions of quick start, stable performance, surge-proof, and protection against overcurrent, open circuit, and short circuit etc.;
◆ Small angle spotlight and distribution light design. Secondary light distribution system designed by professional optical design software, conforms to the requirements of CAP437;
◆ Built-in terminal, suitable for conductor: ≤3×4.0mm.

外形尺寸 Outline dimension

选配表 Selection table

型 号 Model	额定电压(V) Rated voltage	额定功率(W) Rated power	防爆标志 Ex-Mark	光源类型 Lamp	防护等级 Degree of protection	进线规格 Cable entry	重量(kg) Weight
HDL-F	220/230V AC 50/60Hz 24V DC	40	Ex d e mb IIC T6 Gb Ex tD A21 IP66 T80℃	LED	IP66	2×M25×1.5	4.0

◆ 产品出厂时不配防爆格兰，如有需求，订货时请注明；
◆ 如需其他特殊要求，订货请注明。

◆ The product is supplied without explosion-proof cable gland. If needed, please specify when ordering;
◆ If other special requirements needed, please specify when ordering.

Zones 1&2; 21&22