

# HFL200EX

## Explosion proof LED ancillary helideck floodlight

Explosion Proof LED ancillary helideck floodlight to provide a source of illumination for on-deck operations such as refuelling and passenger handling. Designed in a low-profile housing (<150 mm) to allow direct mounting on the helideck. This LED helideck floodlight has an integrated junction box to support ease of installation and maintenance.



### KEY FEATURES

- Reliable LED floodlight gives low cost of ownership
- Low power consumption due to highly efficient LED lights source and lens system
- Certified for Zone 1 areas with gas explosion hazard
- Low profile design (<150 mm) allows direct mounting on helideck
- Offshore resistant, high quality coating on cast light alloy base
- Stainless steel mounting facilities to prevent corrosion problems, and integrated junction box
- Wide beam spread for optimised and even helideck illumination

### STANDARDS/CERTIFICATION

- Complies with CAA-UK CAP 437 8th edition; Standards for Offshore Helicopter Landing Areas, chapter 4, paragraph 4.23 & 4.24
- EN 60079-0, EN 60079-7, EN 60079-18
- KIWA 20ATEX0068 X; ATEX II 2 G Ex eb mb IIC T6 Gb
- IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-18
- IECEx KIWA 20.0019X; Ex eb mb IIC T6 Gb

### ELECTRICAL CHARACTERISTICS

- Operating voltage: see table
- Power consumption: see table
- Connection details: M4; one M20x1,5 cable gland entry
- Earth connection: internal M4 and external M5

### PHYSICAL CHARACTERISTICS

- Dimensions (L x W x H): 248 x 278 x 143 mm (incl. mounting bracket)
- Weight: 7 kg
- Design degree of protection: IP66
- Operating temperature range: -25°C to +55°C

### PERFORMANCE CHARACTERISTICS

- Highly efficient LED light source and lens system
- No glare
- Aiming facilities provided

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	Supply voltage	Power consumption (W)
HFL200EX-D-AC	110-254 Vac; 50/60 Hz	8W / 9VA
HFL200EX-D-DC	20-30 Vdc	8W

