

HFL010EX-XE-xxx

Explosion proof 'Xenon' helideck floodlight

Explosion proof helideck floodlight to provide illumination and cueing of the landing area of the helideck, manufactured with a long life lamp this fitting is designed to meet CAP 437 regulatory requirements.



Key features

- Reliable helideck flood light, low cost of ownership
- Typical 4 accurately aimed lights, positioned around the landing area, provide good visual cues for the helicopter pilot (CAA report)
- Efficient 'Xenon' light source and lens system
- Certified for Zone 1 areas with gas explosion hazard
- Compact design, meeting the max 250 mm height restrictions of CAP 437 and ICAO
- High impact resistant window and corrosion resistant cast marine bronze body

Standards/Certification

- Complies with CAA-UK CAP 437; Offshore helicopter landing areas - Guidance on standards, Dec. 2008, chapter 4, paragraph 3.6 – Helideck Floodlights
- Complies with CAA-UK further interim guidance letter of 9th March 2006; Ref. 10A/253/16/3Q
- Complies with ICAO Annex 14, Volume II; International standards and recommended practices: Aerodromes, Amendment 3, Nov. 2004, chapter 5, paragraph 5.3.8 – Helideck Floodlights
- Cenelec EN 50014, EN 50018 and EN 50019
- KEMA 02ATEX2059; ATEX Ⓢ II 2G EEx d IIB T4 according to ATEX Directive 94/9/EC

Performance characteristics

- Optical system: accurate reflector and lens combination
- No glare
- Aiming facilities provided

Electrical characteristics

- Operating voltage: see table
- Power consumption: 50W / 65VA
- Connection details: max. 4mm²; two M20x1.5 cable gland entries
- Earth connection: internal max. 4mm² and external M6
- Spacious cable connection compartment

Physical characteristics

- Dimensions (L x W x H): 340 x 290 x 210mm
- Weight: 30kg
- Degree of protection: IP66
- Operating temperature range: -20°C to +40°C

Type designation	Power consumption (W/VA)	Frequency (Hz)	Colour	Voltage (Vac)
HFL010EX-XE-230-AB	50W / 65VA	50/60Hz	White	230Vac
HFL010EX-XE-110-AB	50W / 65VA	50/60Hz	White	110Vac
HFL010EX-XE-24-AB	45W	--	White	20-28.5Vdc

HFL010EX-XE-xxx

Explosion proof 'Xenon' helideck floodlight

