

HWC100SA

LED illuminated windsock

Designed with an internal LED floodlight to illuminate the windsock and prevent glare. The illuminated windsock provides wind-speed and direction indication to pilots during landing and take-off.



KEY FEATURES

- Reliable wind direction and wind-speed indication for helicopter operations
- Low cost of ownership
- Low power consumption
- No dazzling of pilot because of internal sock illumination
- No corrosion due to stainless steel 316 body
- Easy to install
- Various operating voltages
- Fully integrated aeronautical obstacle light if required

PERFORMANCE CHARACTERISTICS

- Internal windsock light colour: white
- Aeronautical obstacle light colour: red
- Sock type 1: Red/White/Red; 1200 mm ; standard execution
- Sock type 2: Orange/White/Orange; 1200 mm ; optional
- Sock type 3: Orange; 1200 mm ; optional
- Sock type 4: Red/White/Red; 1800 mm; optional
- Sock type 5: Orange/White/Orange; 1800 mm; optional

STANDARDS/CERTIFICATION

- Complies with CAA-UK CAP 437 9th edition; Standards for Offshore Helicopter Landing Areas, chapter 4, paragraph 4.5 – Illuminated windsock
- Complies with ICAO Annex 14, Volume II; International standards and recommended practices: Aerodromes, 5th edition, 2020, chapter 5.1.1 – Wind direction indicators for elevated Heliports & Helidecks
- Complies with ICAO Annex 14, volume I; Aerodrome design and operations, 9th Edition, 2022, chapter 6.2.1.2 – Type A and B low intensity obstacle light
- Complies with CAA-UK CAP 437 9th edition; Standards for Offshore Helicopter Landing Areas, chapter 4, paragraph 4.31 – Low intensity 10 cd obstacle light
- Complies with CAA-UK CAP 168, Licensing of Aerodromes edition 12, 2022, chapter 4, table 6A.1 Group A. Low intensity 10 cd obstacle light

ELECTRICAL CHARACTERISTICS

- Operating voltage: see table
- Power consumption: see table
- Connection details: max. 4 mm²; two M25x1.5 entries
- Earth connection: internal max. 4 mm² and external M8

PHYSICAL CHARACTERISTICS

- Dimensions (L x W x H): 609 x 460 x 677 mm
- Weight: 20 kg
- Design degree of protection: IP66
- Operating temperature range: -40°C to +60°C

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Type	Power consumption (W)	Frequency (Hz)	Voltage (V)	Aeronautical obstacle light
HWC100SA-AC	8.5 W / 9 VA	50/60 Hz	110-254 Vac	
HWC100SA-AC-R-10	14 W / 15 VA	50/60 Hz	110-254 Vac	10 cd
HWC100SA-AC-R-32	18 W / 19 VA	50/60 Hz	110-254 Vac	32 cd
HWC100SA-DC	7 W		20-32 Vdc	
HWC100SA-DC-R-10	12 W		20-32 Vdc	10 cd
HWC100SA-DC-R-32	17 W		20-32 Vdc	32 cd

