

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 obstruction light if required

### PERFORMANCE CHARACTERISTICS

- Internal windsock light colour: white
- Aeronautical obstruction 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 8th 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, chapter 5.1.1 – Wind direction indicators for elevated Heliports & Helidecks
- Complies with ICAO Annex 14, volume l; Aerodrome design and operations, 7th Edition, 2016, chapter 6.2.1.2 – Type A and B low intensity obstruction light
- Complies with CAA-UK CAP 437 8th edition; Standards for Offshore Helicopter Landing Areas, chapter 4, paragraph 4.32 – Low intensity 10cd obstruction light
- Complies with CAA-UK CAP 168, Licensing of Aerodromes Feb 2014, chapter 4, table 6A.1 Group A. Low intensity 10cd obstruction light



#### **ELECTRICAL CHARACTERISTICS**

- Operating voltage: see table
- Power consumption: see table
- Connection details: max. 4 mm<sup>2</sup>; two M25x1.5 entries
- Earth connection: internal max. 4 mm<sup>2</sup> 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

Page 1 of 2

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All values mentioned in this document are typical values. Document can be subject to modifications, without prior notice. Datasheet last modified on November 27, 2019.



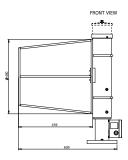
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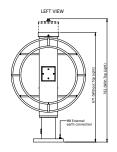
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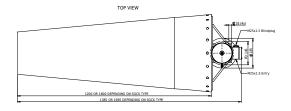


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| Туре             | Power<br>consumption<br>(W) | Frequency<br>(Hz) | Voltage (V)    | Aeronautical<br>obstruction<br>light |
|------------------|-----------------------------|-------------------|----------------|--------------------------------------|
| HWC100SA-AC      | 8.5 W / 9 VA                | 50/60 Hz          | 110-254<br>Vac |                                      |
| HWC100SA-AC-R-10 | 14 W / 15 VA                | 50/60 Hz          | 110-254<br>Vac | 10 cd                                |
| HWC100SA-AC-R-32 | 18 W / 19 VA                | 50/60 Hz          | 110-254<br>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                                |







Page 2 of 2

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