Designed with an internal LED floodlight to illuminate the windsock and prevent glare. The explosion proof 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
- Suitable for Zone 1 and Zone 2 areas with gas explosion hazard
- Various operating voltages
- Fully integrated aeronautical obstruction light if required

**STANDARDS/CERTIFICATION**
- Complies with CAA-UK CAP 437 8th edition; Standards for Offshore Helicopter Landing Areas, chapter 4, paragraph 4.32 – Low intensity 10cd obstruction light
- Certified to CAA-UK CAP 168, Licensing of Aerodromes Feb 2014, chapter 4, table 6A.1 Group A. Low intensity 10cd obstruction light
- Cenelec EN 60079-0, EN 60079-1, EN 60079-7
- SIRA 15ATEX1257; ATEX II 2 G Ex db eb IIB T5 Gb
- IEC 60079-0, IEC 60079-1, IEC 60079-7
- IECEx SIR 15.0093; II 2 G Ex db eb IIB T5 Gb
- ABNT NBR IEC 60079-0, ABNT NBR IEC 60079-1 and ABNT NBR IEC 60079-7 (optional)
- Inmetro NCC 17.0028 (optional)

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

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

**ELECTRICAL CHARACTERISTICS**
- Operating voltage: see table
- Power consumption: see table
- Connection details: max. 4mm²; two M25x1.5 entries. Blindplug installed in one hole.
- Earth connection: internal max. 4mm² and external M8

All values mentioned in this document are typical values. Document can be subject to modifications, without prior notice. Datasheet last modified on March 25, 2020.
HWC100EX
Explosion proof LED illuminated windsock

<table>
<thead>
<tr>
<th>Type</th>
<th>Power consumption (W)</th>
<th>Frequency (Hz)</th>
<th>Voltage (V)</th>
<th>Aeronautical obstruction light</th>
</tr>
</thead>
<tbody>
<tr>
<td>HWC100EX-AC</td>
<td>8.5 W / 9 VA</td>
<td>50/60 Hz</td>
<td>110-254 Vac</td>
<td></td>
</tr>
<tr>
<td>HWC100EX-AC-R-10</td>
<td>14 W / 15 VA</td>
<td>50/60 Hz</td>
<td>110-254 Vac</td>
<td>10 cd</td>
</tr>
<tr>
<td>HWC100EX-AC-R-32</td>
<td>18 W / 19</td>
<td>50/60 Hz</td>
<td>110-254 Vac</td>
<td>32 cd</td>
</tr>
<tr>
<td>HWC100EX-DC</td>
<td>7 W</td>
<td></td>
<td>20-32 Vdc</td>
<td></td>
</tr>
<tr>
<td>HWC100EX-DC-R-10</td>
<td>12 W</td>
<td></td>
<td>20-32 Vdc</td>
<td>10 cd</td>
</tr>
<tr>
<td>HWC100EX-DC-R-32</td>
<td>17 W</td>
<td></td>
<td>20-32 Vdc</td>
<td>32 cd</td>
</tr>
</tbody>
</table>