TECHNICAL DATA SHEET

Stanilite®
Platinum batten LED weatherproof Nexus® - 4 foot

Range
Platinum range

Product group
Batten LED

Features
• Typically 3,500 lumens on mains AC operation, 600 lumens in emergency operation
• Weatherproof rating IP65
• IK08 impact rating
• Ceiling, wall mount or suspension mounting (wall mount requires optional 45° mounting brackets)
• Higher wall mount classification using optional wall mount brackets
• Long LED life 75,000 hours
• Colour temperature 4,000K
• Higher colour rendering index CRI>80
• Mains terminal block accepts up to 2.5mm² cable
• Advanced charging technology combined with Lithium iron phosphate battery for long life and low maintenance
• External mounting clips for ease of installation
• Stainless steel diffuser clips
• High efficiency frosted polycarbonate diffuser
• AC efficacy typically 121 lumens/watt
• Ambient operating temperature; +10°C to +40°C
• Nexus monitored, wireless
• RF frequency range 920 - 925 MHz

Catalogue no. Description
Nexus products
SGBLWRF35LM Platinum batten LED weatherproof Nexus RF 3500 lumens maintained

Accessories
21-PCCSBLW Polycarbonate clips
26-PBMD001 Wall mount bracket pair 45°
PBLWSS316-KIT SS316 marine grade accessory kit (includes diffuser clips x 10, suspension clips x 2, mounting bracket x 2 and M4 x 8 screws x 2)

Spare parts
03-01307P Battery LiFePO4 6.4V 3.2Ah

Dimensions
<table>
<thead>
<tr>
<th>Length</th>
<th>Width</th>
<th>Bare height</th>
</tr>
</thead>
<tbody>
<tr>
<td>1260mm</td>
<td>140mm</td>
<td>90mm</td>
</tr>
</tbody>
</table>

Weight
Model | Weight
---|---
Nexus RF | 3.2kg

Construction
<table>
<thead>
<tr>
<th>Part</th>
<th>Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reflector</td>
<td>Powder coated steel</td>
</tr>
<tr>
<td>Body and diffuser</td>
<td>Polycarbonate</td>
</tr>
<tr>
<td>Clips</td>
<td>Stainless steel</td>
</tr>
</tbody>
</table>
**Light source**

<table>
<thead>
<tr>
<th>Model</th>
<th>Light source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nexus RF</td>
<td>LED strips</td>
</tr>
</tbody>
</table>

**Power consumption**

<table>
<thead>
<tr>
<th>Model</th>
<th>Normal</th>
<th>S/A off</th>
<th>Standby</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nexus RF</td>
<td>30.5W</td>
<td>1W</td>
<td>N/A</td>
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</tbody>
</table>

Note: Preliminary results

**Photometrics**

<table>
<thead>
<tr>
<th>Model</th>
<th>Class</th>
<th>Classification</th>
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</thead>
<tbody>
<tr>
<td>Nexus RF ceiling mount</td>
<td>C0</td>
<td>D80</td>
</tr>
<tr>
<td></td>
<td>C90</td>
<td>D63</td>
</tr>
<tr>
<td>Nexus RF wall mount 45°</td>
<td>C0</td>
<td>D100</td>
</tr>
<tr>
<td></td>
<td>C90</td>
<td>D80</td>
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</table>

Note: Preliminary results

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**AC polar diagram**

**EM polar diagram**

Note on AC/EM polar diagrams:
- Legend C0: black, C45.2: green, C90.3: cyan
- Two plane symmetry C0:C90

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Note: Preliminary results

Note:
- Complies to IEC60598.2.22 and AS2293