Stacking Beacons

Ideally suited to internal or external multi-status signalling applications, and commonly used on machinery as a visual alarm to draw attention to warning messages and fault conditions, helping minimise unnecessary periods of non-productivity.

This range of modular stacking (click-together) beacon lamps builds from a common base/terminal module and offers a choice of visual indicator modules including: Electronic Sounders, Multi-function LED (Rotating, Pulsed and Static), Xenon Strobe, Pulsed Filament Lamp & Static Filament Lamp.

All polycarbonate construction with Base and Cap. Lenses are available in the full range of colours - Red, Amber, Green, Blue, Yellow, Purple and Clear.

ASA Sounder Module

<table>
<thead>
<tr>
<th>ASA/DC/12-24/PT</th>
<th>ASA/UC/115-230/PT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Supply Voltage</strong></td>
<td>12-24Vdc</td>
</tr>
<tr>
<td><strong>Minimum Supply Voltage</strong></td>
<td>10.2Vdc</td>
</tr>
<tr>
<td><strong>Maximum Supply Voltage</strong></td>
<td>27.6Vdc</td>
</tr>
<tr>
<td><strong>Average Current Draw (Continuous Tone)</strong></td>
<td>8mA@12Vdc, 30mA@24Vdc</td>
</tr>
<tr>
<td><strong>Peak Operating Current</strong></td>
<td>43mA@24Vdc</td>
</tr>
<tr>
<td><strong>Nominal power consumption</strong></td>
<td>&lt; 1W</td>
</tr>
<tr>
<td><strong>Number of Tones</strong></td>
<td>4 - (Continuous / Pulsed / Fast-Pulse / Five-Pulse)</td>
</tr>
<tr>
<td><strong>Frequency</strong></td>
<td>2.6KHz</td>
</tr>
<tr>
<td><strong>Recommended fuse rating</strong></td>
<td>external - 500mA TD</td>
</tr>
<tr>
<td><strong>IEC protection class</strong></td>
<td>IP54</td>
</tr>
<tr>
<td><strong>Operating Temperature Range</strong></td>
<td>-20 to +55 Degrees C</td>
</tr>
<tr>
<td><strong>Net Product Weight</strong></td>
<td>156g</td>
</tr>
</tbody>
</table>
## Stacking Beacons

### PSA/LED Multi-function LED Module

<table>
<thead>
<tr>
<th></th>
<th>PSA/DC/12/LED</th>
<th>PSA/DC/24/LED</th>
<th>PSA/UC/115-230/LED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Supply Voltage</strong></td>
<td>12Vdc</td>
<td>24Vdc</td>
<td>115-230Vuc</td>
</tr>
<tr>
<td><strong>Minimum Supply Voltage</strong></td>
<td>10.2Vdc</td>
<td>20.4Vdc</td>
<td>97Vuc</td>
</tr>
<tr>
<td><strong>Maximum Supply Voltage</strong></td>
<td>13.8Vdc</td>
<td>27.6Vdc</td>
<td>265Vuc</td>
</tr>
<tr>
<td><strong>Average Current Draw</strong></td>
<td>110mA@12Vdc</td>
<td>35mA@24Vdc</td>
<td>32mA@230Vac</td>
</tr>
<tr>
<td><strong>Peak Operating Current</strong></td>
<td><a href="mailto:250mA@13.8Vdc">250mA@13.8Vdc</a></td>
<td><a href="mailto:83mA@27.6V">83mA@27.6V</a></td>
<td>490mA@97Vac</td>
</tr>
<tr>
<td><strong>Nominal power consumption</strong></td>
<td>1.27W</td>
<td>0.83W</td>
<td>2.3W</td>
</tr>
<tr>
<td><strong>Factory-set Flash Rate</strong></td>
<td>120fpm 2Hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Number of functions / patterns</strong></td>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Luminous Intensity</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red</td>
<td>9Cd</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amber</td>
<td>16Cd</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green</td>
<td>14Cd</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td>7Cd</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clear</td>
<td>17Cd</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Angle of max rated brilliance</strong></td>
<td>0 Degrees vertical</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recommended fuse rating</strong></td>
<td>external - 500mA TD</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>IEC protection class</strong></td>
<td>IP65</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Operating Temperature Range</strong></td>
<td>-20 to +55 Degrees C</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Net Product Weight</strong></td>
<td>136g</td>
<td>136g</td>
<td>149g</td>
</tr>
</tbody>
</table>

### XSA Xenon Strobe Module

<table>
<thead>
<tr>
<th></th>
<th>XSA/DC/12-24/SH/2.5J</th>
<th>XSA/AC/115/SH/2.5J</th>
<th>XSA/AC/230/SH/2.5J</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Supply Voltage</strong></td>
<td>12-24Vdc</td>
<td>115Vac</td>
<td>230Vac</td>
</tr>
<tr>
<td><strong>Minimum Supply Voltage</strong></td>
<td>10.2Vdc</td>
<td>97Vuc</td>
<td>195Vac</td>
</tr>
<tr>
<td><strong>Maximum Supply Voltage</strong></td>
<td>27.6Vdc</td>
<td>132Vac</td>
<td>264Vac</td>
</tr>
<tr>
<td><strong>Average Current Draw</strong></td>
<td>163mA</td>
<td>68mA</td>
<td>34mA</td>
</tr>
<tr>
<td><strong>Peak Operating Current</strong></td>
<td>482mA</td>
<td>4.4A</td>
<td>4A</td>
</tr>
<tr>
<td><strong>Nominal power consumption</strong></td>
<td>3.9W</td>
<td>3.0W</td>
<td>3.2W</td>
</tr>
<tr>
<td><strong>Flash Rate</strong></td>
<td>60fpm 1Hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Luminous Intensity</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red</td>
<td>5cd</td>
<td>3cd</td>
<td>3cd</td>
</tr>
<tr>
<td>(Schmidt-Clausen Amber</td>
<td>18cd</td>
<td>13cd</td>
<td>13cd</td>
</tr>
<tr>
<td>Day</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green</td>
<td>10cd</td>
<td>7cd</td>
<td>7cd</td>
</tr>
<tr>
<td>Blue</td>
<td>8cd</td>
<td>6cd</td>
<td>6cd</td>
</tr>
<tr>
<td>Clear</td>
<td>37cd</td>
<td>27cd</td>
<td>27cd</td>
</tr>
<tr>
<td><strong>Angle of max rated brilliance</strong></td>
<td>0 Degrees Vertical</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recommended fuse rating</strong></td>
<td>External - T500mA</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>IEC protection class</strong></td>
<td>IP65</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Operating Temperature Range</strong></td>
<td>-20 to +55 Degrees C</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Net Product Weight</strong></td>
<td>144g</td>
<td>138g</td>
<td>141g</td>
</tr>
</tbody>
</table>

**D G Controls Limited**, Cadley Hill Road, Swadlincote, Derbyshire, UK, DE11 9TB
Tel: +44 1283 550 850 Fax: +44 1283 550 776 e-mail: mail@beaconlamps.com
## Stacking Beacons

### SSA/B15d Static Lamp Module

<table>
<thead>
<tr>
<th>SSA/UC/0/B15D</th>
<th>SSA/UC/0/B15D</th>
<th>SSA/UC/0/B15D</th>
<th>SSA/UC/0/B15D</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fitted Lamp</strong></td>
<td>12V 10W B125d</td>
<td>24V 10W B125d</td>
<td>115V 10W B125d</td>
</tr>
<tr>
<td><strong>Supply Voltage</strong></td>
<td>12Vuc (ac or dc)</td>
<td>24Vuc (ac or dc)</td>
<td>115Vuc (ac or dc)</td>
</tr>
<tr>
<td><strong>Minimum Supply Voltage</strong></td>
<td>10.2Vdc</td>
<td>20.4Vuc</td>
<td>98Vuc</td>
</tr>
<tr>
<td><strong>Maximum Supply Voltage</strong></td>
<td>13.8Vdc</td>
<td>27.6Vuc</td>
<td>132Vuc</td>
</tr>
<tr>
<td><strong>Average Current Draw</strong></td>
<td>807mA</td>
<td>438mA</td>
<td>66mA</td>
</tr>
<tr>
<td><strong>Nominal power consumption</strong></td>
<td></td>
<td></td>
<td>10W</td>
</tr>
<tr>
<td><strong>Flash Rate</strong></td>
<td>Non-flashing (Continuous) light source</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Luminous Intensity</strong></td>
<td>Red 3Cd</td>
<td>Amber 8Cd</td>
<td>Green 4Cd</td>
</tr>
<tr>
<td><strong>Angle of max rated brilliance</strong></td>
<td>On axis with front face</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recommended fuse rating</strong></td>
<td>External - 1A TD</td>
<td>External - 500mA TD</td>
<td>External - 500mA TD</td>
</tr>
<tr>
<td><strong>IEC protection class</strong></td>
<td>IP65</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Operating Temperature Range</strong></td>
<td>-20 to +55 Degrees C</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Net Product Weight</strong></td>
<td>118g (Excluding lamp)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PSA/B15d Pulsed Lamp Module

<table>
<thead>
<tr>
<th>PSA/DC/12-24/B15D</th>
<th>PSA/AC/115-230/B15D</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fitted Lamp</strong></td>
<td>12V 10W B125d</td>
</tr>
<tr>
<td><strong>Supply Voltage</strong></td>
<td>12Vdc</td>
</tr>
<tr>
<td><strong>Minimum Supply Voltage</strong></td>
<td>10.2Vdc</td>
</tr>
<tr>
<td><strong>Maximum Supply Voltage</strong></td>
<td>13.8Vdc</td>
</tr>
<tr>
<td><strong>Average Current Draw</strong></td>
<td>438mA</td>
</tr>
<tr>
<td><strong>Nominal power consumption</strong></td>
<td>10W</td>
</tr>
<tr>
<td><strong>Flash Rate</strong></td>
<td>40fpm (0.667Hz)</td>
</tr>
<tr>
<td><strong>Luminous Intensity</strong></td>
<td>Red 3Cd</td>
</tr>
<tr>
<td><strong>Angle of max rated brilliance</strong></td>
<td>On axis with front face</td>
</tr>
<tr>
<td><strong>Recommended fuse rating</strong></td>
<td>External - 1A TD</td>
</tr>
<tr>
<td><strong>IEC protection class</strong></td>
<td>IP65</td>
</tr>
<tr>
<td><strong>Operating Temperature Range</strong></td>
<td>-20 to +55 Degrees C</td>
</tr>
<tr>
<td><strong>Net Product Weight</strong></td>
<td>134g (Excluding lamp)</td>
</tr>
</tbody>
</table>