Series J

Robust heavy-duty and rough-service industrial hazard warning beacon. Incorporates fixing holes on 164 x 215 centres for either direct surface mounting or clamp mounting to standard 6", 8" or 10" RSJ (clamps not supplied). Threaded M20 entries in base and side for direct conduit/gland coupling. High grade engineering, UV-stabilised polycarbonate lens with heavy duty cast aluminium base.

Example Order Code: RFJ/AC/230/B15D/Red

For Installation Accessories please refer to page 73
### Series J

#### XFJ/11 Joule Xenon Strobe Beacon
- High energy xenon strobe beacon.
- Repetitive Dual Flash (DH) and Single Flash (SH) models.
- Long-life xenon tube - typically > 20,000,000 flashes.
- 12Vdc, 24Vdc, 115Vac and 230Vac 11 Joule models.
- 12-100Vdc (12-72Vac) automatic voltage-ranging 5 Joule model (VRA).
- /SYNC terminals to allow multiple units to be flashed in synchronisation.
- 360° All-round and 270° All-over visibility.
- Special 240Vac model also available.

**Supply voltage**
- 12Vdc
- 24Vdc
- 115Vac
- 230Vac

**Supply voltage limits**
- ± 15%

**Supply current**
- 1.36A
- 0.76A
- 0.2A
- 0.13A

**Luminous intensity**
- **Red**
  - 106Cd
  - 53Cd
- **Amber**
  - 240Cd
  - 120Cd
- **Blue**
  - 88Cd
  - 44Cd
- **Green**
  - 264Cd
  - 120Cd
- **Clear**
  - 576Cd
  - 288Cd

**Flash Energy**
- 11J

**Flash Event**
- DH

**Temperature limits**
- -40°C, +55°C

**IEC protection class**
- IP65

**Example Order Code:** XFJ/AC/230/DH/11J/Amber

#### XFJ/24 Joule Xenon Strobe Beacon
- Ultra-high energy xenon strobe beacon.
- Repetitive Dual Flash (DH) and Single Flash (SH) models.
- Long-life xenon tube - typically > 20,000,000 flashes.
- 12Vdc, 24Vdc, 115Vac and 230Vac 24 Joule models.
- /SYNC terminals to allow multiple units to be flashed in synchronisation.
- 360° All-round and 270° All-over visibility.
- Special 240Vac model also available.

**Supply voltage**
- 12Vdc
- 24Vdc
- 115Vac
- 230Vac

**Supply voltage limits**
- ± 15%

**Supply current**
- 3.10A
- 1.55A
- 350mA
- 175mA

**Luminous intensity**
- **Red**
  - 230Cd
  - 115Cd
- **Amber**
  - 576Cd
  - 288Cd
- **Blue**
  - 192Cd
  - 96Cd
- **Green**
  - 576Cd
  - 288Cd
- **Clear**
  - 960Cd
  - 480Cd

**Flash Energy**
- 24J

**Flash Event**
- DH or SH

**Temperature limits**
- -40°C, +55°C

**IEC protection class**
- IP65

**Example Order Code:** XFJ/AC/115/SH/24J/Blue

#### PSJ/B15D Pulsed (Flashing) Beacon
- Solid-state operation.
- 12V, 24V, 50V, 115V and 230V versions. AC or DC operation (B15D bulb supplied).
- 230Vac compact fluorescent (CFT) also available.
- Also available without fitted bulb (voltage designation 'O').
- Alternative lamps and lamp caps available, e.g. E14 or E27.

**Supply voltage**
- 12Vdc
- 24Vdc
- 115Vac
- 230Vac

**Supply voltage limits**
- ± 15%

**Supply current**
- 4A
- 2A
- 520mA
- 260mA

**Luminous intensity**
- **Red**
  - 13Cd
  - 6Cd
- **Amber**
  - 33Cd
  - 16Cd
- **Green**
  - 23Cd
  - 11Cd
- **Blue**
  - 8Cd
  - 4Cd
- **Clear**
  - 50Cd
  - 25Cd

**Lamp rating**
- 48W

**Max slave load**
- 48W

**Flash rate**
- 40ftp (0.667Hz)

**Temperature limits**
- -20°C, +55°C

**IEC protection class**
- IP65

**Example Order Code:** PSJ/DC/12/B15D/Amber

#### SBJ Static (Non-flashing) Beacon
- Ideal slave (not CFT) to conventional **deegee** pulsed beacons (not LED).
- 360° All-round and 270° All-over visibility.
- 12V, 24V, 50V, 115V and 230V versions. AC or DC operation (B15D bulb supplied).
- 230Vac compact fluorescent (CFT) also available.
- Also available without fitted bulb (voltage designation 'O').
- Alternative lamps and lamp caps available, e.g. E14 or E27.

**Supply voltage**
- 12Vdc
- 24Vdc
- 50Vac
- 115Vac
- 230Vac

**Supply voltage limits**
- ± 15%

**Supply current**
- 4A
- 2A
- 350mA
- 260mA

**Luminous intensity**
- **Red**
  - 13Cd
  - 6Cd
- **Amber**
  - 33Cd
  - 16Cd
- **Green**
  - 23Cd
  - 11Cd
- **Blue**
  - 8Cd
  - 4Cd
- **Clear**
  - 50Cd
  - 25Cd

**Lamp rating**
- 48W

**Temperature limits**
- -20°C, +55°C

**IEC protection class**
- IP65

**Example Order Code:** SBJ/UC/50/B15D/Red

**For Installation Accessories please refer to page 73**
**Series J**

**RFJ/LED Rotating Mirror LED Beacon**

- Traditional rotating mirror with solid-state light source.
- High-output **AND** Low-power!
- 360° All-round visibility.
- Long-life LED (>100,000 hours typical).
- Ultra-low current draw means more units can be powered from a single source.
- Specifically ideal for systems that feature battery back-up in case of failure of the primary power source.

<table>
<thead>
<tr>
<th>Supply Voltage</th>
<th>Supply Voltage Limits</th>
<th>Supply Current</th>
<th>Number of LEDs</th>
<th>Luminous Intensity</th>
<th>Flash/min (RFJ/LED)</th>
<th>Temperature Limits</th>
<th>IEC Protection Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>12Vdc - 24Vdc</td>
<td>± 15%</td>
<td>100mA</td>
<td>Red</td>
<td>120</td>
<td>120 fpm (2Hz)</td>
<td>-40°C, +55°C</td>
<td>IP65</td>
</tr>
<tr>
<td>115Vac - 230Vac</td>
<td></td>
<td>300mA</td>
<td>Amber</td>
<td>120</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Green</td>
<td>120</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Blue</td>
<td>72</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Clear</td>
<td>72</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Example Order Code:** RFJ/DC/12-24/RMLED/Blue

**RFJ/LED Revolving and PSJ/LED Pulsed (Flashing) LED Beacons**

- Solid-state LED beacon with either revolving (simulated rotating) or Pulsed light effect.
- 360° All-round visibility.
- No moving parts.
- Long-life LEDs (>100,000 hours typical).
- 50% duty cycle (equal on/off periods).
- User selectable pulsed/static (flashing/non-flashing) operation by simple jumper link change.
- Very low current draw.

<table>
<thead>
<tr>
<th>Supply Voltage</th>
<th>Supply Voltage Limits</th>
<th>Supply Current</th>
<th>Number of LEDs</th>
<th>Luminous Intensity</th>
<th>Flash/min (PSJ/LED)</th>
<th>Temperature Limits</th>
<th>IEC Protection Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>12Vdc</td>
<td>± 15%</td>
<td>600mA</td>
<td>Red</td>
<td>120</td>
<td>120 fpm (2Hz)</td>
<td>-40°C, +55°C</td>
<td>IP65</td>
</tr>
<tr>
<td>24Vdc</td>
<td></td>
<td>800mA</td>
<td>Amber</td>
<td>120</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>115Vac - 230Vac</td>
<td></td>
<td>300mA</td>
<td>Green</td>
<td>120</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Blue</td>
<td>72</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Clear</td>
<td>72</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Example Order Code:** PSH/AC/115/LED/GreenRFJ/AC/230/LED/Amber or RFJ/RMLED Rotating Mirror LED Beacon

**SBJ/LED Static (Non-flashing) LED Beacon - 360° All-round viewing**

- Static (non-flashing) LED beacon.
- 360° All-round visibility.
- Meets ICAO requirements for Low Intensity Obstruction Warning (Red only).
- High-density LED Matrix.
- Long-life LEDs (>100,000 hours typical).
- Ideal low-current slave to conventional **deegee** (not LED) pulsed beacons.

<table>
<thead>
<tr>
<th>Supply Voltage</th>
<th>Supply Voltage Limits</th>
<th>Supply Current</th>
<th>Number of LEDs</th>
<th>Luminous Intensity</th>
<th>Temperature Limits</th>
<th>IEC Protection Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>12Vdc</td>
<td>± 15%</td>
<td>400mA</td>
<td>Red</td>
<td>120</td>
<td>-40°C, +55°C</td>
<td>IP65</td>
</tr>
<tr>
<td>24Vdc</td>
<td></td>
<td>800mA</td>
<td>Amber</td>
<td>160</td>
<td></td>
<td></td>
</tr>
<tr>
<td>115Vac - 230Vac</td>
<td></td>
<td>600mA</td>
<td>Green</td>
<td>160</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Blue</td>
<td>96</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Clear</td>
<td>96</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Example Order Code:** SBJ/AC/115/LED/Amber

**SBJ/AOV-LED Static (Non-flashing) LED Beacon - 360° All-round + 270° All-over viewing**

- Static (non-flashing) LED beacon.
- 360° All-round and 270° All-over visibility.
- Meets ICAO requirements for Low Intensity Obstruction Warning (Red only).
- 48 Vdc model for specialist applications.
- High-density LED Matrix.
- Long-life LEDs (>100,000 hours typical).
- Ideal low-current slave to conventional **deegee** (not LED) pulsed beacons.

<table>
<thead>
<tr>
<th>Supply Voltage</th>
<th>Supply Voltage Limits</th>
<th>Supply Current</th>
<th>Number of LEDs</th>
<th>Luminous Intensity</th>
<th>Flash/min (AOV/LED)</th>
<th>Temperature Limits</th>
<th>IEC Protection Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>12Vdc</td>
<td>± 15%</td>
<td>800mA</td>
<td>Red</td>
<td>160</td>
<td>150 fpm (2.5Hz)</td>
<td>-40°C, +55°C</td>
<td>IP65</td>
</tr>
<tr>
<td>24Vdc</td>
<td></td>
<td>1200mA</td>
<td>Amber</td>
<td>160</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>115Vac - 230Vac</td>
<td></td>
<td>600mA</td>
<td>Green</td>
<td>160</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Blue</td>
<td>96</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Clear</td>
<td>96</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Example Order Code:** SBJ/AC/230/AOV-LED/Red

For Installation Accessories please refer to page 73