The LX Sounder Beacons are for dual use applications where a visual alarm device is required in addition to an audible alarm.

**Functions**

The device has a unique lens design to achieve the required illumination specified by EN54-23. The flash rate as well as a reduced coverage volume can be set via DIP switch. The light is distributed in a cubical shape for wall application.

The integrated sound transducer offers a selection of 32 tone variants, including various wailing tones, diverse signals for fire alarm (e.g. the DIN tone according to DIN 33404) and other special modulations.

The tones and volume are set with a 6-pin DIP switch in the signaling device. With a selected tone type, on activation of the second input, the second tone type is switched on.

Depending on the tone type, volume set, and operating voltage, the sound pressure varies. The device is designed for a variety of applications.

**Certifications and approvals**

<table>
<thead>
<tr>
<th>Region</th>
<th>Regulatory compliance/quality marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germany</td>
<td>VdS G 214070 LX Sounder Beacon Wall Base</td>
</tr>
</tbody>
</table>

**Installation/configuration notes**

- Can be connected to
  - LSN fire panels with NZM 0002 A or FLM-420-NAC
  - FPC-500 Conventional Fire Panel
- The device is suitable for wall applications.
- The device is suitable for indoor and outdoor use. (Outdoor use only with appropriate cable fittings. Not included in delivery.)
- The coverage of the device depends on the ambient light level. Consider also the maximum mounting height of the device.
- The current consumption depends on the tone type of the audible device and the flash rate and the coverage of the optical signaling device. Add up both current consumption values to calculate the total current consumption of the sounder beacon.
### Fire Alarm Systems - LX Sounder Beacons Conventional

#### Technical specifications

<table>
<thead>
<tr>
<th>Coverage</th>
<th>Operating Voltage</th>
<th>Current consumption (visual notification)</th>
<th>24 V DC</th>
<th>EN54-3 1928 VDC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>High power 1 Hz</td>
<td>High power 0.5 Hz</td>
<td>Low power 1 Hz</td>
<td>Low power 0.5 Hz</td>
</tr>
<tr>
<td>7.5 m (135 m²)</td>
<td>2.5 m (15 m²)</td>
<td>24 V DC</td>
<td>25 mA</td>
<td>16 mA</td>
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<tr>
<td>900 m²</td>
<td>490 m²</td>
<td>24 V DC</td>
<td>25 mA</td>
<td>16 mA</td>
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<tr>
<td>1200 m²</td>
<td>750 m²</td>
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<tr>
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<td>16 mA</td>
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<tr>
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<td>1562 m²</td>
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<tr>
<td>3200 m²</td>
<td>1920 m²</td>
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<td>16 mA</td>
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<tr>
<td>4400 m²</td>
<td>2700 m²</td>
<td>24 V DC</td>
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<td>5900 m²</td>
<td>3525 m²</td>
<td>24 V DC</td>
<td>25 mA</td>
<td>16 mA</td>
</tr>
</tbody>
</table>

- Use the Bosch Safety Systems Designer for reliable planning.

### Mechanics

#### Housing and base color
- Red similar to RAL 3031
- White similar to RAL 9003

#### Weight
- 200 g

#### Dimensions
- 95 mm x 135 mm x 95 mm

### Electrical

#### Operating voltage
- 18 - 30 V DC / 9 - 15 V DC

#### Current consumption
- dependent on flash rate setting, coverage setting and sounder setting
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