# Declaration of Performance. 0832-CPR-F0009

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|---|---|
| **Product Type** | ESBA4000R; ESBA4000W |
| **Type** | Sonos Pulse W-3.1-11.3 Conventional White Light LED Beacon |
| **Intended Use** | Fire detection and fire alarm systems installed in and around buildings. |
| **Manufacturer :** | Texecom Ltd.<br>Bradwood Court, St Crispin Way, Haslingden, Lancashire. BB4 4PW |
| **Placed on market** | Texecom Ltd.<br>Bradwood Court, St Crispin Way, Haslingden, Lancashire. BB4 4PW |
| **System of assessment** | System 1 |
| **Notified Body** | BRE Global Limited |
| **Accreditation Number** | 0832 |
| **Type Testing** | EN54-23:2010 – Fire alarm devices – Visual alarm devices. |
| | Type A: Shallow Base IP21<br>Type B: Deep Base IP65 |

**Declared Performance**

| Essential Characteristics | EN54-23:2010 Subclause | Type A | Type B |
|---|---|---|---|
| **Operational reliability** | | | |
| **Duration of operation** | 4.2.1 | Pass | Pass |
| **Provision for external conductors** | 4.2.2 | Pass | Pass |
| **Flammability of materials** | 4.2.3 | Pass | Pass |
| **Enclosure protection** | 4.2.4 | Pass | Pass |
| **Access** | 4.2.5 | Pass | Pass |
| **Manufacturers adjustments** | 4.2.6 | Pass | Pass |
| **On-site adjustment behaviour** | 4.2.7 | Pass | Pass |
| **Requirements for software controlled devices** | 4.2.8 | Pass | Pass |
| **Performance parameters under fire condition** | | | |
| **Coverage volume** | 4.3.1 | Pass 395.84m$^3$ | Pass 395.84m$^3$ |
| **Variation of light output** | 4.3.2 | Pass | Pass |
| **Minimum and maximum light intensity** | 4.3.3 | Pass | Pass |
| **Light Colour** | 4.3.4 | Pass | Pass |
| **Light temporal pattern and frequency of flashing** | 4.3.5 | Pass | Pass |
| **Marking and data** | 4.3.6 | Pass | Pass |
| **Synchronisation (Option with requirements)** | 4.3.7 | Pass | Pass |
| **Durability** | | | |
| **Temperature Resistance** | | | |
| **Dry heat (operational)** | 4.4.1.1 | Pass | Pass |
| **Dry heat (endurance)** | 4.4.1.2 | N/A | Pass |
| **Cold (operational)** | 4.4.1.3 | Pass | Pass |
| **Humidity resistance** | | | |
| **Damp Heat, cyclic (operational)** | 4.4.2.1 | Pass | Pass |
| **Damp Heat, steady state (endurance)** | 4.4.2.2 | Pass | Pass |
| **Damp Heat,cyclic (endurance)** | 4.4.2.3 | N/A | Pass |
| **Shock and vibration resistance** | | | |
| **Shock (operational)** | 4.4.3.1 | Pass | Pass |
| **Impact (operational)** | 4.4.3.2 | Pass | Pass |
| **Vibration (operational)** | 4.4.3.3 | Pass | Pass |
| **Vibration (endurance)** | 4.4.3.4 | Pass | Pass |
| **Corrosion resistance** | | | |
| **SO2 corrosion (endurance)** | 4.4.4 | Pass | Pass |
| **Electrical stability** | | | |
| **EMC, immunity (operational)** | 4.4.5 | Pass | Pass |

The performance of the product identified in Product Type and Type above is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of Texecom Limited

Signed for and on behalf of the manufacturer by:

Name: James E Ludwig Function: Managing Director

Signature:

Place and date if issue: 19/07/2013