



**DECLARATION OF PERFORMANCE**  
**According to Construction Products Regulation EU No. 305/2011**  
**No. SS2119 / 01.02.2024**

1. Unique identification code of the product-type:

**s-smoke**

2. Intended use/es:

**Fire safety. Smoke alarm devices. Wireless smoke alarm device**

3. Manufacturer:

**LPL Ltd.,  
12 „Sirma voyvoda“ str., 5800 Pleven, Bulgaria**

4. System/s of AVCP:

**System 1**

5. Harmonized standard:

**EN 14604:2005 - Smoke alarm devices**

Notified body/ies:

**"Dedal – Attestation and Certification", notified body 1922 performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued the EC certificates of conformity:**

**• 1922-CPR-2119**

6. Declared performance

Essential Characteristics	Performance	Clause
<b>Nominal activation conditions / sensitivity / Response delay (response time) and performance under fire conditions</b>		
Smoke alarm signals	Pass	4.12
Inter-connectable smoke alarms	N/A	4.18
Repeatability	Pass	5.2
Directional dependence	Pass	5.3
Initial sensitivity	Pass	5.4
Air movement	Pass	5.5
Dazzling	Pass	5.6
Fire sensitivity	Pass	5.15
Sound output	Pass	5.17
Sounder durability	Pass	5.18
Inter-connectable smoke alarms	N/A	5.19
Alarm silence facility	Pass	5.20
<b>Operational reliability</b>		
Compliance	Pass	4.1
Individual alarm indicator	Pass	4.2
Mains-on indicator	N/A	4.3
Connection of external ancillary devices	N/A	4.4
Means of calibration	Pass	4.5
User replaceable components	Pass	4.6
Normal power source	Pass	4.7
Standby power source	N/A	4.8
Electrical safety requirements	Pass	4.9
Routine test facility	Pass	4.10
Terminals for external conductors	N/A	4.11
Battery removal indication	N/A	4.13
Battery connections	N/A	4.14
Battery capacity	Pass	4.15
Protection against the ingress of foreign bodies	Pass	4.16
Additional requirements for software controlled smoke alarms	N/A	4.17
Marking and data	Pass	4.19
Impact	Pass	5.11
Battery fault warning	Pass	5.16
Battery reversal	N/A	5.22
Back-up power source	N/A	5.23
Electrical safety — assessment and testing to determine the adequacy of personal protection against hazardous currents passing through the human body (electric shock), excessive temperature and the start and spread of fire	Pass	5.24
<b>Tolerance to supply voltage</b>		
Variation in supply voltage	Pass	5.21

<b>Durability of operational reliability and response delay, temperature resistance</b>		
Dry heat	Pass	5.7
Cold (operational)	Pass	5.8
<b>Durability of operational reliability, vibration resistance</b>		
Vibration (operational)	Pass	5.12
Vibration (endurance)	Pass	5.13
<b>Durability of operational reliability, humidity resistance</b>		
Damp heat(operational)	Pass	5.9
<b>Durability of operational reliability, corrosion resistance</b>		
Sulphur dioxide (SO2) corrosion	Pass	5.10
<b>Durability of operational reliability, electrical stability</b>		
Electromagnetic compatibility (EMC), immunity (operational)	Pass	5.14

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Lachezar Petrov, Chief Executive

Pleven, 01.02.2024

/place and date of issue/



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/signature/