

DECLARATION OF PERFORMANCE



No. 921655004_59_001

1. Unique identification code of the product-type: **BS-655/A**
2. Intended use/es: Optical smoke detector for use in fire detection and alarm systems for buildings.
3. Manufacturer: Olympia Electronics N. Lakasas – P. Arvanitidis S.A., 72nd klm old national road Thessaloniki-Katerini, P.O. 60300 Eginio, Pieria, Greece
4. System/s AVCP: System 1
5. Harmonized standard: EN 54-7:2018 – Fire detection and fire alarm systems – Part 7: Smoke detectors – Point detectors using scattered light, transmitted light or ionization

Notified body/ies: EVPU A.S., No. 1293

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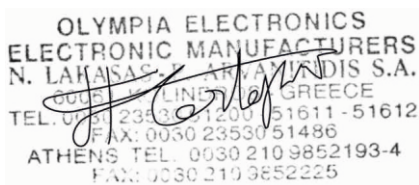
www.olympia-electronics.gr

6. Declared performance/s:

Essential characteristics	Performance	Harmonized technical specification: EN 54-7:2018
Operational reliability	PASS	4.2.1 to 4.2.3, 4.2.4=N/A, 4.2.5 to 4.2.8
Nominal activation conditions / Sensitivity	PASS	4.3.1 to 4.3.3
Response delay (response time)	PASS	4.4.1, 4.4.2
Tolerance to supply voltage	PASS	4.5
Performance parameters under fire conditions	PASS	4.6
Durability of Nominal activation condition / Sensitivity: Temperature resistance	PASS	4.7.1.1, 4.7.1.2
Durability of Nominal activation condition / Sensitivity: Humidity resistance	PASS	4.7.2.1, 4.7.2.2
Durability of Nominal activation condition: Corrosion resistance	PASS	4.7.3
Durability of Nominal activation condition / Sensitivity: Vibration resistance	PASS	4.7.4.1 to 4.7.4.4
Durability of Nominal activation condition / Sensitivity: Electrical stability	PASS	4.7.5

7. 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.

8. Signed for and on behalf of:



Elias Tsologiannis, R&D engineer

Eginio, Pieria, Greece 3/2/2021