

DECLARATION OF PERFORMANCE



No. 921657000_59_001

1. Unique identification code of the product-type: BS-657
2. Intended use/es: Optical smoke detector and rate of rise heat detector for use in fire detection and alarm systems installed in buildings
3. Manufacturer: Olympia Electronics N. Lakasas – P. Arvanitidis S.A., 72nd klm old national road Thessaloniki – Katerini, Kolindros, Pieria, Greece, P.O. 60061
4. System/s AVCP: System 1
5. Harmonized standards: EN 54-5:2000 +A1:2002 – Fire detection and fire alarm systems – Part 5: Heat detectors – Point detectors.

EN 54-7:2000 +A1:2002 +A2:2006 – Fire detection and fire alarm systems – Part 7: Smoke detectors – Point detectors using scattered light, transmitted light or ionization.

Notified body/ies: HELLENIC ELECTRONIC EQUIPMENT QUALITY ASSURANCE CENTER, No. 0848.

6. Declared performance/s:

Essential characteristics	Performance	Harmonized technical specification: EN 54-5:2000 +A1:2002	Harmonized technical specification: EN 54-7:2000 +A1:2002 +A2:2006
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	PASS	4.2, 4.3, 5.2 to 5.4, 5.6, 5.8, 6.2 ^a	4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18
Operational reliability	PASS	4.4 to 4.7, 4.9 to 4.11	4.2 to 4.5, 4.7, 4.9 to 4.11
Tolerance to supply voltage	PASS	5.7	5.5
Durability of operational reliability and response delay; temperature resistance	PASS	5.9	5.8, 5.9
Durability of operational reliability; vibration resistance	PASS	5.14 to 5.17	5.13 to 5.16
Durability of operational reliability; humidity resistance	PASS	5.11, 5.12	5.10, 5.11
Durability of operational reliability; corrosion resistance	PASS	5.13	5.12
Durability of operational reliability; electrical stability	PASS	5.18	5.17

Comments:

a) Suffix R detector

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:



Elias Tsologiannis, R&D engineer

Kolindros, Pieria, Greece 4/6/2018