



EVPÚ[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0748

In compliance with *Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011* (the Construction products Regulation or CPR), this certificate applies to the construction product

Optical Smoke Detector BS-655/A

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

Olympia Electronics N. Lakasas – P. Arvanitidis S.A.
72nd klm old national road Thessaloniki - Katerini, 60300 Eginio,
Greece

and produced in the manufacturing plant

Olympia Electronics N. Lakasas – P. Arvanitidis S.A.
72nd klm old national road Thessaloniki - Katerini, 60300 Eginio,
Greece

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

EN 54-7: 2018

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on January 12th, 2021 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.



Nová Dubnica, January 12th, 2021
053881

Marek H u d á k
Director NB

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Annex to Certificate No. 1293 - CPR – 0748 from January 12th, 2021

Technical specifications

The BS-655/A is a conventional smoke detector which integrates function of optical smoke detection. The detector transitions to alarm state when the concentration of smoke reaches 0.107dB/m.

They are composed by two parts. A plastic base which is placed on the ceiling and the main body of the detector which fits on the plastic base with a simple rotation to the right.

The detectors have a 360° visible led and a remote led driver which are light up constantly in case

of detection of fire, till cancelled from the panel. They are turned off only when a reset command is given from the panel. The indicator led blinks every 6 sec indicating the normal function.

Operation voltage: 17-30 V DC

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

Nová Dubnica, January 12th, 2021



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