

EC DECLARATION OF PERFORMANCE

Issued in accordance with the Construction Products Regulation EU N° 305/2011

This is to certify that in compliance the Council Directive 305/2011 Construction Products Regulation, this declaration applies to :



Declaration Number :	2831-CPR-F1226
Product(s) :	ALN-E(WHT), ALN-E(HFP)
Manufacturer :	Bosch (Zhuhai) Security Systems Co. Ltd 20 Ji Chang Bei Road Qingwan Industrial Estate Sanzao Town, Jinwan District Zhuhai 519040 P.R China
Description :	Intelligent Analogue Addressable Optical Smoke Detector
Intended Use :	For use in fire detection and alarm systems for buildings.

This declaration is issued under the sole responsibility of the manufacturer and we hereby declare that the product identified above meets the requirements of the following:

Standards

EN54-7:2000 + A1:2002 + A2:2006	Fire detection and fire alarm systems. Smoke detectors. Point detectors using scattered light, transmitted light or ionization.
for the intended uses indicated above have been determined	
(1) See Annex A for the Essential Characteristics details (2) See Annex B for additional performance details	

Directives

Construction Products Regulation	EU 305/2011
Please refer to separate Declaration of Conformity in respect of EU 768/2008/EC Annex III (DofC) Please refer to separate Declaration of Conformity in respect of EU Regulation 2014/90/EU (MED)	

EC Type Examination

Assessed by :	BRE Global Limited (Notified Body 2831) has performed type testing of the product, initial inspection of the manufacturing plant and of factory production control with continuous surveillance, assessment and evaluation of factory production control under system 1 and issued following certificate of conformity : 2831-CPR-F1226
System of Assessment	System 1
Authorised representative:	Mr Mirco Damoli, Managing Director, Hochiki Italia Srl a s.u

Please see additional conformity information on page 2.

Annex A – Essential Characteristics

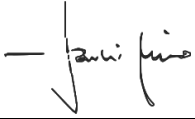
Essential Characteristics	EN 54-7:2000 + A1:2002 + A2:2006 (Clause)	Performance
Operational reliability	4.2.1 to 4.2.8	Pass
Nominal activation conditions/Sensitivity.	4.3.1 to 4.3.3	Pass
Reproducibility	N/A	Pass
Additional test for suffix S point heat detectors	N/A	Pass
Additional test for suffix R heat detectors	N/A	Pass
Tolerance to supply voltage (variation in supply)	4.5	Pass
Air Movement	4.4.1	Pass
Dazzling	4.4.2	Pass
Repeatability	N/A	Pass
Rapid changes in attenuation	N/A	Pass
Performnace parameters under fire conditions		
Fire sensitivity	4.6	Pass
Durability of Nominal activation		
Cold (operational)	4.7.1.1	Pass
Dry Heat (endurance)	N/A	Pass
Dry Heat (operational)	4.7.1.2	Pass
Damp heat, cyclic (operational)	N/A	Pass
Damp heat, cyclic (endurance)	N/A	Pass
Damp heat, steady state (operational)	4.7.2.1	Pass
Damp heat, steady state (endurance)	4.7.2.2	Pass
Enclosure protection	N/A	Pass
Corrosion resistance		
Sulphur dioxide (SO ₂) corrosion (endurance)	4.7.3	Pass
Vibration Resistance		
Shock (operational)	4.7.4.1	Pass
Impact (operational)	4.7.4.2	Pass
Vibration, sinusoidal (operational)	4.7.4.3	Pass
Vibration, sinusoidal (endurance)	4.7.4.4	Pass
Vibration (endurance)	N/A	Pass
Electrical stability		
EMC, immunity (operational)	4.7.5	Pass
Variation in supply	N/A	Pass

Annex B – Additional Performance Details

- Compatible with YBN-R/3, YBN-R/3(SCI), YBO-BS & YBO-BSB2 range of mounting devices.
- Meets the requirements of EN54-7 in low & high sensitivity settings.

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications.

Signed for and on behalf Hochiki Europe (UK) Limited:



Mirco Damoli
EU Authorised Representative
Hochiki Italia Srl a s.u
Verona, Italy
1st December 2020



Shane Bartlett
Compliance Manager
Hochiki Europe (UK) Ltd
Gillingham, UK
1st December 2020

Issued at Hochiki Europe (UK) Limited



The performance of the above mentioned products are in conformity with the performance and essential characteristics declared within this certificate. This declaration of conformity is issued under the sole responsibility of Hochiki Europe (UK) Ltd.

This certificate will remain valid as long as the test methods and/or factory production control requirements included in harmonized standard, used to assess performance of the declared characteristics, do not change, and the product, and the manufacturing conditions are not modified significantly.



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