

DECLARATION OF PERFORMANCE

According to Construction Products Regulation EU N° 305/2011

N° 0832-CPD-2163

Product Name: ALN-EN and ALN-EN(WHT)

Intended use: Intelligent addressable photoelectric smoke point detector for use in fire detection and alarm systems for buildings

Manufactured by : Hochiki Corporation, Ejiri, Kakuda-shi, Miyagi 981-15, Japan

Authorised representative: Hochiki Europe (UK) Ltd, Grosvenor Road, Gillingham, Kent, ME8 0SA

System of Assessment: System 1

Assessed by: BRE Global Limited (Notified Body 0832) 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:

0832 – CPD – 2163

Declared performance: All requirements including all essential characteristics⁽¹⁾ and corresponding performances⁽²⁾ as described in the harmonised standards:
EN54-7:2000 Fire detection and fire alarm systems - Part 7:
Smoke Detectors
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

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

Signed for and on behalf of the manufacturer by:

.....
Ray Turner
Compliance Manager

Date of issue 11th December 2013

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Annex A - Essential Characteristics

Essential characteristics	EN54-7:2000 +A1:2002 +A2:2006	Performance
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18	Pass
Operational reliability	4.2 to 4.7, 4.9 to 4.11	Pass
Tolerance to supply voltage	5.5	Pass
Durability of operational reliability and response delay; temperature resistance	5.8, 5.9	Pass
Durability of operational reliability: humidity resistance	5.10, 5.11	Pass
Durability of operational reliability: corrosion resistance	5.12	Pass
Durability of operational reliability; vibration resistance	5.13 to 5.16	Pass
Durability of operational reliability; electrical stability	5.17	Pass

Annex B – Additional Performance Details

Approved Smoke Sensitivity Settings 2.0%/m to 4.5%/m

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