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 :

Declartion Number :	2831-CPR-F0559
Product(s) :	CHQ-CB/WL-15, CHQ-CB(WHT)/WL-15, CHQ-CB(RED)/WL-15, CHQ-CB(WHT)/WL-15-HFP, CHQ-CB(RED)/WL-15-HFP
Manufacturer :	Hochiki Europe (UK) Limited Grosvenor Road Gillingham Business Park Gillingham Kent, ME8 0SA United Kingdom
Description :	Intelligent Analogue Addressable Ceiling VAD (WhiteLED)
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

EN 54-23 :2010	Fire detection and fire alarm systems. Visual alarm devices.
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 seperate Declartion of Conformity in respect of EU 768/2008/EC Annex III (DofC)	

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-F0559**
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.

For further information visit https://store.hochikieurope.com/

Hochiki Europe (UK) Ltd. Reserves the right to alter the specification of its products from time to time without notice. Although every effort has been made to ensure the accuracy of the information contained in this document it is not warranted or represented by Hochiki Europe (UK) Ltd. To be a complete and up-to-date description.

Annex A – Essential Characteristics

Essential Characteristics	EN54-23:2010 (Clause)	Performance
Operational reliability:		
Duration of operation	4.2.1	Pass
Provision for external conductors	4.2.2	Pass
Flammability of materials	4.2.3	Pass
Enclosure protection	4.2.4	Pass
Access	4.2.5	Pass
Manufacturer's adjustments	4.2.6	Pass
On-site adjustment of behaviour	4.2.7	Pass
Requirements for software-controlled devices	4.2.8	Pass
Performance parameters under fire condition:		
Coverage volume	4.3.1	Pass
Sound pressure level	N/A	
Variation of light output	4.3.2	Pass
Minimum and maximum light intensity	4.3.3	Pass
Frequencies and sound patterns	N/A	
Light colour	4.3.4	Pass
Light temporal pattern and frequency of flashing	4.3.5	Pass
Performance of voice sounders - sequence timing	N/A	
Marking and data	4.3.6	Pass
Synchronization (option with requirements)	4.3.7	Pass
Temperature resistance:		
Dry heat (operational)	4.4.1.1	Pass
Dry heat (endurance)	4.4.1.2	Pass
Cold (operational)	4.4.1.3	Pass
Humidity resistance:		
Damp heat, cyclic (operational)	4.4.2.1	Pass
Damp heat, steady state (endurance)	4.4.2.2	Pass
Damp heat, cyclic (endurance)	4.4.2.3	Pass
Shock and vibration resistance:		
Shock (operational)	4.4.3.1	Pass
Impact (operational)	4.4.3.2	Pass
Vibration (operational)	4.4.3.3	Pass
Vibration (endurance)	4.4.3.4	Pass
Corrosion resistance:		
SO2 corrosion (endurance)	4.4.4	Pass
Electrical stability:		
EMC, immunity (operational)	4.4.5	Pass

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Annex B – Additional Performance Details

Setting	Nominal Current consumption mA	Power consumption W	Light Coverage distance at 0.5 Hz	Cylindrical Volume m^3	Light Coverage distance at 1Hz	Cylindrical Volume m^3
(LOL 0)	6.1	0.25	O-1.2-7.5; O-2.2-5; O-2.54-1.36	53.01 43.20 3.69	O-1.54-5.3; O-1.7-5	33.98 33.38
(LOL 1)	16.6	0.68	C-3-11.4 O-3.6-11.17; O-3.88-4	306.21 352.78 48.76	C-3-1.5; O-2.6-8	5.30 130.69
(LOL 2)	37.7	1.54	C-3-15.1; O-4.7-15; O-4.89-9.68; O-5-5.4	537.24 830.56 359.87 114.51	C-3-10; O-3.6-11.3; O-3.7-4.27	235.62 361.03 52.98

- Compatible with YBN-R/3, YBN-R/3(SCI), YBO-BS & YBO-BSB2 range of mounting devices.
- Type B for outdoor use when used in conjunction with CHQ-WPK.

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

CE

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.

THIS DOCUMENT IS TO BE RETAINED FOR LEGAL PURPOSES

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