



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3150	1-May-2017	Number 3	Issue date 26-Apr-2019	30-Apr-2020
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Product designation

Hochiki, CHQ-CB series, addressable beacon

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Hochiki Australia Pty Ltd
391 Park Road, REGENTS PARK, NSW, AUSTRALIA, 2143

Registrant

Hochiki Australia Pty Ltd
391 Park Road, REGENTS PARK, NSW, AUSTRALIA, 2143

Producer

Hochiki Europe (U.K.) Ltd
Grosvenor Road, Gillingham Business Park, GILLINGHAM, KENT, UNITED KINGDOM, ME8 0SA

Conformance criteria and evaluation

The Hochiki, CHQ-CB series, addressable beacon has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS ISO 7240.23:2014, 'Fire detection and alarm systems - Part 23: Visual alarm devices'.

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. Compatibility of this equipment and its base assembly with new or existing control and indicating equipment should be verified prior to installation.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

David Whittaker
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Producer's description

The Hochiki, CHQ-CB series, addressable beacon is an addressable loop-powered ceiling beacon, provided with a high intensity LED and free-form optic producing a visible flash,

This equipment is available in three case colours, and fitted with either a red or white beacon LED.

Technical specification

The following details are a representative extract of the technical specification for the Hochiki, CHQ-CB series, addressable beacon and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Schedule of variant designations

The following is a schedule of validated variant designations of the certified/listed equipment.

Designation		Addressable base designations	Case moulding colour	Beacon LED colour	
Type	Ident.				
Part num.	CHQ-CB/WL	Standard mounting bases YBN-R/3 YBO-R/3(RED))	Ivory	White	
	CHQ-CB(WL-15)			Red	
	CHQ-CB/RL		Short-circuit isolator bases YBN-R/3(SCI) YBO-R/3(SCI)	White	White
	CHQ-CB(WHT)/WL				Red
	CHQ-CB(WHT)/WL-15		Red	White	
	CHQ-CB(WHT)/RL			Red	
	CHQ-CB(RED)/WL		White	White	
	CHQ-CB(RED)/WL-15			Red	
CHQ-CB(RED)/RL			Red		

Schedule of properties/characteristics

The following schedule is an extract of physical and operational properties/characteristics of the certified/listed equipment.

Operating voltage	17 ~ 41 Vdc
Quiescent current (typical)	250 uA
Current when beacon active	6 mA
Operating temperature range	-10 °C to +50 °C
Storage temperature range	-30 °C to +70 °C
Maximum humidity	95% RH - Non Condensing (at 40 °C)
Colour/case material	Red, White or Ivory / PC+ABS
Lens material	PC
Ingress Protection rating	
Indoor (Type A)	IP21
Outdoor (Type B)	IP33 (Target IP65) ⁽¹⁾
Dimensions	diameter 100 mm, height 41 mm
Weight	120 g

1. Requires Weatherproof Kit

Supplementary information

Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Report Number	XF2897/R1	Evaluation for Conformity of the Hochiki CHQ-CB series Addressable Ceiling Beacons to the requirements of AS ISO 7240.23-2014	1-May-2017	CSIRO, Fire Systems and Acoustics, AU
Specification	CHQ-CB Specification.pdf	Hochiki Addressable Loop-Powered Beacon CHQ-CB	30-Apr-2015	Hochiki Europe (U.K.) Ltd, UK