

Certificate of constancy of performance

0832-CPR-F0565

In compliance with Regulation 305/2011/EU of the European Parliament and of the council of 9th March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

YBO-BSB2/RL Analogue Addressable Type A Base Sounder (Red LED) Beacon
(For full product details and conditions of use refer to appendix)

Produced by or for

Hochiki Europe (UK) Ltd

Grosvenor Road
Gillingham Business Park
Gillingham, Kent
ME8 0SA
United Kingdom

and produced in the manufacturing plant(s)

Hochiki Europe (UK) Ltd

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Gillingham Business Park
Gillingham, Kent
ME8 0SA
United Kingdom

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 54-3:2001 + A1:2002 + A2:2006 – Sounders
EN 54-23:2010 - Visual alarm devices

under system 1 are applied and that

the products fulfil all the prescribed requirements set out above.

This certificate was first issued on 22 April 2015 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.



M McCullagh, Certification Manager
On behalf of BRE Global Limited
Date of issue: 22 April 2015
Issue number: 01

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To check the validity of this certificate, please contact us on +44 (0)1923 664100 or email enquiries@breglobal.com.

Appendix to Certificate of constancy of performance 0832-CPR- F0565

Bases

YBO-R/3(WHT)	Standard Base
YBO-R/SCI(RED)	Isolator Base
YBN-R/3(WHT)-SCI	Isolator Base
YBO-R/3 (RED)	Standard Base
YBN-R/3 (WHT)	Standard Base

Notes:

1. The Ceiling mounted VAD meets the requirements of EN 54-23:2010 for the following:
 - Category O
 - Flash rate 0.5Hz
 - Synchronization
2. Meets the requirements of EN 54-3 for all 51 tones as detailed below:

Approved Tones:

- 1 – 925 Hz : 250 ms / 628 Hz : 250 ms
- 2 – 925 Hz Continuous
- 3 – 628 Hz Continuous
- 4 – (French) 554 Hz : 100 ms / 440 Hz : 400 ms
- 5 – (Swedish) 660 Hz : 150 ms / Off : 150 ms
- 6 – 925 Hz : 150 ms / Off : 600 ms
- 7 – 670 Hz : 250 ms / 845 Hz : 370 ms
- 8 – Whoop 500 Hz – 1200 Hz : 3000 ms / Off : 500 ms
- 9 – 1200 Hz : 500 ms / 500 Hz : 500 ms
- 10 – 970 Hz : 500 ms / Off : 500 ms
- 11 – Sweep 800 Hz – 970 Hz over 140 ms (7 Hz)
- 12 – Sweep 800 Hz – 970 Hz over 1000 ms (1 Hz)
- 13 – Sweep 800 Hz – 970 Hz over 20 ms (50 Hz)
- 14 – Sweep 2400 Hz – 2850 Hz over 140 ms (7 Hz)
- 15 – Sweep 2400 Hz – 2850 Hz over 1000 ms (1 Hz)
- 16 – Sweep 300 Hz – 1200 Hz over 1000 ms (1 Hz)
- 17 – ISO8201 : 970 Hz : 500 ms / Off : 500 ms
- 18 – ISO8201 : 2850 Hz : 500 ms / Off : 500 ms
- 19 – 800 Hz : 250 ms / 970 Hz : 250 ms
- 20 – 2850 Hz Continuous
- 21 - 2400 Hz : 250 ms / 2850 Hz : 250 ms
- 22 - 800 Hz : 500 ms / 970 Hz : 500 ms
- 23 - 2850 Hz : 500 ms / Off : 500 ms
- 24 - 925 Hz : 250 ms / Off : 1000 ms
- 25 - 970 Hz Continuous
- 26 - 660 Hz : 1800 ms / Off: 1800 ms
- 27 - 660 Hz : 6500 ms / Off : 13000 ms
- 28 - 660 Hz Continuous
- 29 - 554 Hz : 500 ms / 440 Hz : 500 ms
- 30 - 660 Hz : 500 ms / Off : 500 ms
- 31 - 2850 Hz : 150 ms / Off : 100 ms
- 32 - Sweep 2400 Hz - 2850 Hz over 20 ms (50 Hz)
- 33 - Sweep 800 Hz - 970 Hz over 500 ms (2 Hz)



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34 - 988 Hz : 250 ms / 645 Hz : 250 ms
35 - 510 Hz : 250 ms / 610 Hz : 250 ms
36 - Sweep 800 Hz - 970 Hz over 110 ms (9 Hz)
37 - Sweep 800 Hz - 970 Hz over 330 ms (3 Hz)
38 - 845 Hz Continuous
39 - 970 Hz : 1000 ms / Off : 1000 ms
40 - 800 Hz : 150 ms / 970 Hz : 150 ms
41 - Sweep 2400 Hz - 2850 Hz over 110 ms (9 Hz)
42 - Sweep 2400 Hz - 2850 Hz over 330 ms (3 Hz)
43 - 2850 Hz : 1000 ms / Off : 1000 ms
44 - 2400 Hz : 150 ms / 2850 Hz : 150 ms
45 - (German) Whoop 1200 Hz - 500 Hz : 1000ms / Off : 10 ms
46 - 440 Hz : 600 ms / Off : 600 ms
47 - Whoop 500 Hz - 1200 Hz : 3750 ms / Off : 250 ms
48 - ISO8201 : 925 Hz, 628 Hz : 250 ms / Off 500 ms
49 - ISO8201 : Sweep 300 Hz - 1200 Hz : 500 ms / Off : 500 ms
50 - ISO8201 : Sweep 1200 Hz - 300 Hz : 500 ms / Off : 500 ms
51 - Whoop 500-1200 3500 ms / Off 500 ms

Variants:

YBO-BSB2(WHT)/RL	Analogue Addressable Type A Base Sounder (Red LED) Beacon – White Body
YBO-BSB2(WHT)/RL-HFP	Analogue Addressable Type A Base Sounder (Red LED) Beacon – White Body
YBO-BSB2(RED)/RL	Analogue Addressable Type A Base Sounder (Red LED) Beacon – Red Body



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