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Certificate of Product Approval

Certificate Number: 164s Issue: 04

Hochiki Europe (UK) Ltd

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

is certified by BRE Global Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

Products

Visual Alarm Devices

CHQ-CB(RED)/WL-15, CHQ-CB(WHT)/WL-15, CHQ-CB(RED)/WL, CHQ-CB(WHT)/WL, CHQ-CB(RED)/RL, CHQ-CB(WHT)/RL, CHQ-CB/WL-15, CHQ-CB/WL, CHQ-CB/RL, CHQ-WB/WL, CHQ-WB(WHT)WL, CHQ-WB(RED)/WL, CHQ-WB/RL, CHQ-WB(WHT)/RL, CHQ-WB(RED)/RL

(refer to Appendix for details)

Standards

EN 54-23:2010

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	P Halligan	27 March 2019	16 October 2014

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Certified Product	Description	LPCB Ref.No.
CHQ-CB(RED)/WL-15	Addressable Ceiling VAD (White LED) (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes: 1. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-1.2-7.5, O-2.2-5, O-2.54-1.36 - LOL 0 - Flash rate 0.5Hz - Synchronization 2. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-11.4, O-3.6-11.17, O-3.88-4 - LOL 1 - Flash rate 0.5Hz - Synchronization 3. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-15.1, O-4.7-15, O-4.89-9.68, O-5-5.4 - LOL 2 - Flash rate 0.5Hz - Synchronization 4. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-1.54-5.3, O-1.7-5 - LOL 0 - Flash rate 1Hz - Synchronization 5. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-1.5, O-2.6-8	164s/01

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Certified Product	Description	LPCB Ref.No.
	- LOL 1 - Flash rate 1Hz - Synchronization 6. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-10, O-3.6-11.3, O-3.7-4.27 - LOL 2 - Flash rate 1Hz - Synchronization 7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	
CHQ-CB(WHT)/WL-15	Addressable Ceiling VAD (White LED) (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes: 1. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-1.2-7.5, O-2.2-5, O-2.54-1.36 - LOL 0 - Flash rate 0.5Hz - Synchronization 2. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-11.4, O-3.6-11.17, O-3.88-4 - LOL 1 - Flash rate 0.5Hz - Synchronization 3. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-15.1, O-4.7-15, O-4.89-9.68, O-5-5.4 - LOL 2	164s/02

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	- Flash rate 0.5Hz - Synchronization 4. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-1.54-5.3, O-1.7-5 - LOL 0 - Flash rate 1Hz - Synchronization 5. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-1.5, O-2.6-8 - LOL 1 - Flash rate 1Hz Synchronization 6. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-10, O-3.6-11.3, O-3.7-4.27 - LOL 2 - Flash rate 1Hz - Synchronization 7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	
CHQ-CB(RED)/WL	Addressable Ceiling VAD (White LED) (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes: 1. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C–3 –6.5, O-1.18-7.1, O-3.26–3.76 - LOL 0 - Flash rate 0.5Hz - Synchronization	164s/03

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Certified Product	Description	LPCB Ref.No.
	2. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-7.9, O-3.4-7.5, O-3.72-6.9 - LOL 1 - Flash rate 0.5Hz - Synchronization 3. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-10, O-4.3-10, O-4.6-5.42 - LOL 2 - Flash rate 0.5Hz - Synchronization 4. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following category: - Light Coverage Distance O-2.2-5.2 - LOL 0 - Flash rate 1Hz - Synchronization 5. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-2.4-5.9, O-2.75-5.1 - LOL 1 - Flash rate 1Hz - Synchronization 6. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-7.5, O-3.2-7.5, O-3.5-6 - LOL 2 - Flash rate 1Hz - Synchronization 7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	

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Certified Product	Description	LPCB Ref.No.
CHQ-CB(WHT)/WL	Addressable Ceiling VAD (White LED) (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes: 1. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C–3 –6.5, O-1.18-7.1, O-3.26–3.76 - LOL 0 - Flash rate 0.5Hz - Synchronization 2. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-7.9, O-3.4-7.5, O-3.72-6.9 - LOL 1 - Flash rate 0.5Hz - Synchronization 3. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-10, O-4.3-10, O-4.6-5.42 - LOL 2 - Flash rate 0.5Hz - Synchronization 4. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following category: - Light Coverage Distance O-2.2-5.2 - LOL 0 - Flash rate 1Hz - Synchronization 5. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-2.4-5.9, O-2.75-5.1 - LOL 1	164s/04

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Certified Product	Description	LPCB Ref.No.
	- Flash rate 1Hz - Synchronization 6. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-7.5, O-3.2-7.5, O-3.5-6 - LOL 2 - Flash rate 1Hz - Synchronization 7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	
CHQ-CB(RED)/RL	Addressable Ceiling VAD (Red LED) (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes: 1. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-1.5, O-2.64-6.85, O-2.79-3.3 - LOL 0 - Flash rate 0.5Hz - Synchronization 2. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-8.6, O-3.5-6.5, O-3.89-1.9 - LOL 1 - Flash rate 0.5Hz - Synchronization 3. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-10, O-3.91-10, O-4.12-7.8, O-4.3-4.5 - LOL 2 - Flash rate 0.5Hz	164s/05

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Certified Product	Description	LPCB Ref.No.
	- Synchronization 4. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following category: - Light Coverage Distance O-2.05-3.8 - LOL 0 - Flash rate 1Hz - Synchronization 5. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-2.4-6.4, O-2.5-4.99, O-2.7-3 - LOL 1 - Flash rate 1Hz - Synchronization 6. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-5.9, O-2.97-7.6, O-3.26-3.6 - LOL 2 - Flash rate 1Hz - Synchronization 7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	
CHQ-CB(WHT)/RL	Addressable Ceiling VAD (Red LED) (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes: 1. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-1.5, O-2.64-6.85, O-2.79-3.3 - LOL 0 - Flash rate 0.5Hz - Synchronization	164s/06

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Certified Product	Description	LPCB Ref.No.
	2. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-8.6, O-3.5-6.5, O-3.89-1.9 - LOL 1 - Flash rate 0.5Hz - Synchronization 3. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-10, O-3.91-10, O-4.12-7.8, O-4.3-4.5 - LOL 2 - Flash rate 0.5Hz - Synchronization 4. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following category: - Light Coverage Distance O-2.05-3.8 - LOL 0 - Flash rate 1Hz - Synchronization 5. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-2.4-6.4, O-2.5-4.99, O-2.7-3 - LOL 1 - Flash rate 1Hz - Synchronization 6. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-5.9, O-2.97-7.6, O-3.26-3.6 - LOL 2 - Flash rate 1Hz - Synchronization	

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Certified Product	Description	LPCB Ref.No.
	7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	
CHQ-CB/WL-15	Addressable Ceiling VAD (White LED) (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes: 1. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-1.2-7.5, O-2.2-5, O-2.54-1.36 - LOL 0 - Flash rate 0.5Hz - Synchronization 2. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-11.4, O-3.6-11.17, O-3.88-4 - LOL 1 - Flash rate 0.5Hz - Synchronization 3. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-15.1, O-4.7-15, O-4.89-9.68, O-5-5.4 - LOL 2 - Flash rate 0.5Hz - Synchronization 4. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-1.54-5.3, O-1.7-5 - LOL 0 - Flash rate 1Hz - Synchronization	164s/07

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Certified Product	Description	LPCB Ref.No.
	5. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-1.5, O-2.6-8 - LOL 1 - Flash rate 1Hz - Synchronization 6. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-10, O-3.6-11.3, O-3.7-4.27 - LOL 2 - Flash rate 1Hz - Synchronization 7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	
CHQ-CB/WL	Addressable Ceiling VAD (White LED) (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes: 1. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C–3 –6.5, O-1.18-7.1, O-3.26–3.76 - LOL 0 - Flash rate 0.5Hz - Synchronization 2. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-7.9, O-3.4-7.5, O-3.72-6.9 - LOL 1 - Flash rate 0.5Hz - Synchronization 3. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories:	164s/08

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	- Light Coverage Distance C-3-10, O-4.3-10, O-4.6-5.42 - LOL 2 - Flash rate 0.5Hz - Synchronization 4. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following category: - Light Coverage Distance O-2.2-5.2 - LOL 0 - Flash rate 1Hz - Synchronization 5. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-2.4-5.9, O-2.75-5.1 - LOL 1 - Flash rate 1Hz - Synchronization 6. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-7.5, O-3.2-7.5, O-3.5-6 - LOL 2 - Flash rate 1Hz - Synchronization 7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	
CHQ-CB/RL	Addressable Ceiling VAD (Red LED) (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes: 1. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-1.5, O-2.64-6.85, O-2.79-3.3 - LOL 0	164s/09

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Certified Product	Description	LPCB Ref.No.
	- Flash rate 0.5Hz - Synchronization 2. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-8.6, O-3.5-6.5, O-3.89-1.9 - LOL 1 - Flash rate 0.5Hz - Synchronization 3. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-10, O-3.91-10, O-4.12-7.8, O-4.3-4.5 - LOL 2 - Flash rate 0.5Hz - Synchronization 4. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following category: - Light Coverage Distance O-2.05-3.8 - LOL 0 - Flash rate 1Hz - Synchronization 5. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-2.4-6.4, O-2.5-4.99, O-2.7-3 - LOL 1 - Flash rate 1Hz - Synchronization 6. The ceiling mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance C-3-5.9, O-2.97-7.6, O-3.26-3.6 - LOL 2 - Flash rate 1Hz	

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Certified Product	Description	LPCB Ref.No.
	- Synchronization 7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	
CHQ-WB/WL	Intelligent Analogue Addressable Type A Wall VAD (White LED) (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes: 1. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5 - LOL 0 - Flash rate 0.5Hz - Synchronization 2. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5.5 - LOL 1 - Flash rate 0.5Hz - Synchronization 3. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-7 - LOL 2 - Flash rate 0.5Hz - Synchronization 4. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-1 - LOL 1 - Flash rate 1Hz - Synchronization	164s/10

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Appendix to Certificate No: 164s Issue: 04

Hochiki Europe (UK) Ltd

Certified Product	Description	LPCB Ref.No.
	5. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5.5 - LOL 2 - Flash rate 1Hz - Synchronization 6. The Default factory setting is LOL 1, 0.5Hz 7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	
CHQ-WB(WHT)/WL	Intelligent Analogue Addressable Type A Wall VAD (White LED)-White Body (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes: 1. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5 - LOL 0 - Flash rate 0.5Hz - Synchronization 2. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5.5 - LOL 1 - Flash rate 0.5Hz - Synchronization 3. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-7 - LOL 2 - Flash rate 0.5Hz - Synchronization	164s/11

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Appendix to Certificate No: 164s

Issue: 04

Hochiki Europe (UK) Ltd

Certified Product	Description	LPCB Ref.No.
	4. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-1 - LOL 1 - Flash rate 1Hz - Synchronization 5. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5.5 - LOL 2 - Flash rate 1Hz - Synchronization 6. The Default factory setting is LOL 1, 0.5Hz 7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	
CHQ-WB(RED)/WL	Intelligent Analogue Addressable Type A Wall VAD (White LED)-Red Body (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes: 1. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5 - LOL 0 - Flash rate 0.5Hz - Synchronization 2. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5.5 - LOL 1 - Flash rate 0.5Hz - Synchronization	164s/12

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Certified Product	Description	LPCB Ref.No.
	3. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-7 - LOL 2 - Flash rate 0.5Hz - Synchronization 4. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-1 - LOL 1 - Flash rate 1Hz - Synchronization 5. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5.5 - LOL 2 - Flash rate 1Hz - Synchronization 6. The Default factory setting is LOL 1, 0.5Hz 7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	
CHQ-WB/RL	Intelligent Analogue Addressable Type A Wall VAD (Red LED) (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes 1. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-2-3* - Light coverage defined as per standard W-rating but with a maximum height of 2m(rectangular) - LOL 0 - Flash rate 0.5Hz	164s/13

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Certified Product	Description	LPCB Ref.No.
	- Synchronization 2. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5 - LOL 1 - Flash rate 0.5Hz - Synchronization 3. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5.5 - LOL 2 - Flash rate 0.5Hz - Synchronization 4. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.7-1.07 - LOL 1 - Flash rate 1Hz - Synchronization 5. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-4 - LOL 2 - Flash rate 1Hz - Synchronization 6. The Default factory setting is LOL 1, 0.5Hz 7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	

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Certified Product	Description	LPCB Ref.No.
CHQ-WB(WHT)/RL	Intelligent Analogue Addressable Type A Wall VAD (Red LED)-White Body (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes 1. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-2-3* * Light coverage defined as per standard W-rating but with a maximum height of 2m(rectangular) - LOL 0 - Flash rate 0.5Hz - Synchronization 2. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5 - LOL 1 - Flash rate 0.5Hz - Synchronization 3. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5.5 - LOL 2 - Flash rate 0.5Hz - Synchronization 4. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.7-1.07 - LOL 1 - Flash rate 1Hz - Synchronization	164s/14

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Certified Product	Description	LPCB Ref.No.
	5. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-4 - LOL 2 - Flash rate 1Hz - Synchronization 6. The Default factory setting is LOL 1, 0.5Hz 7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	
CHQ-WB(RED)/RL	Intelligent Analogue Addressable Type A Wall VAD (Red LED)-Red Body (YBO-R/SCI, YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2(RL&WL) & YBO-BSB Bases) Notes 1. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance O-2-3* * Light coverage defined as per standard W-rating but with a maximum height of 2m(rectangular) - LOL 0 - Flash rate 0.5Hz - Synchronization 2. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5 - LOL 1 - Flash rate 0.5Hz - Synchronization 3. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-5.5 - LOL 2 - Flash rate 0.5Hz	164s/15

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Certified Product	Description	LPCB Ref.No.
	- Synchronization 4. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.7-1.07 - LOL 1 - Flash rate 1Hz - Synchronization 5. The Wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories: - Light Coverage Distance W-2.4-4 - LOL 2 - Flash rate 1Hz - Synchronization 6. The Default factory setting is LOL 1, 0.5Hz 7. Type B for outdoor use when used in conjunction with a WS2-WPK weatherproofing kit	

Bases

YBO-R/SCI	Short circuit isolator base
YBN-R/3(SCI)	Short circuit isolator base
YBN-R/3	Standard base
YBO-BSB2 (RL & WL)	Base sounder beacon
YBO-BSB	Base sounder beacon
YBO-BS	Base sounder

Ancillary

WS2-WPK	Waterproofing kit

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Alternative Model No./Label

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
164s/01	CHQ-CB(RED)/WL-15	CHQ-CB(RED)/WL-15-HFP	HFP	164s
164s/02	CHQ-CB(WHT)/WL-15	CHQ-CB(WHT)/WL-15-HFP	HFP	164s
164s/03	CHQ-CB(RED)/WL	CHQ-CB(RED)/WL-15-HFP	HFP	164s
164s/04	CHQ-CB(WHT)/WL	CHQ-CB(WHT)/WL -HFP	HFP	164s
164s/05	CHQ-CB(RED)/RL	CHQ-CB(RED)/RL-HFP	HFP	164s
164s/06	CHQ-CB(WHT)/RL	CHQ-CB(WHT)/RL-HFP	HFP	164s
164s/11	CHQ-WB(WHT)/WL	CHQ-WB(WHT)/WL-HFP	HFP	164s
164s/12	CHQ-WB(RED)/WL	CHQ-WB(RED)/WL-HFP	HFP	164s
164s/14	CHQ-WB(WHT)/RL	CHQ-WB(WHT)/RL-HFP	HFP	164s
164s/15	CHQ-WB(RED)/RL	CHQ-WB(RED)/RL-HFP	HFP	164s

Bases

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed Company	Cross-Listed Co Cert./ Ref No.
164	YBO-R/SCI	YBO-R/SCI	HFP	164
164	YBN-R/3(SCI)	YBN-R/3(SCI)	HFP	164
164	YBN-R/3	YBN-R/3	HFP	164
164	YBO-BSB2(RL&WL)	YBO-BSB2(RL&WL)	HFP	164
164	YBO-BSB	YBO-BSB	HFP	164
164	YBO-BS	YBO-BS	HFP	164

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Ancillary

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed Company	Cross-Listed Co Cert./ Ref No.
164	WS2-WPK	WS2-WPK	HFP	164

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