

BRE Global Ireland

Notified Body No. 2831
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Certificate of constancy of performance

2831-CPR-F4385

In compliance with Regulation (EU) No. 305/2011 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(s)

ARF-WL8-OV Wireless Optical Smoke Detector with Type A Built-In Voice Annunciator and VAD

(For full product details and conditions of use refer to appendix)

Placed on the market under the name or trade mark of: and produced in the manufacturing plant(s):

ASI Oy Ltd
Laitaatsillantie 3
Savonlinna
57170
Finland

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Laitaatsillantie 3
Savonlinna
57170
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This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

EN 54-3:2001 + A1:2002 + A2:2006 – Sounders
EN 54-7:2018 - Smoke detectors - Point detectors
EN 54-23:2010 - Visual alarm devices
EN 54-25:2008 - Components using radio links

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure

the constancy of performance of the construction product.

This certificate was first issued on 21 May 2020 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.



P Halligan, Certification Engineer

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 21 May 2020

Date of Issue: 17 August 2023

Issue number 05

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email enquiries@breglobalireland.ie

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APPENDIX to Certificate of constancy of performance: 2831-CPR-F4385**ARF-WL8-OV Wireless Optical Smoke Detector with Type A Built-In Voice Annunciator and VAD****Variants:**

EK-WL8-OV – (EKHO Brand)
KM-WL8-OV – (K-Mesh Brand)

Notes:

1. Meets the requirements of EN 54-3 for the following tones:
 - Tone intermittent, 2500 Hz (3 x 500ms pulses followed by 1.5s silence then repeat)
 - Voice message 2 (“Fire! Fire! Please leave the building by the nearest exit”) synchronised (3 x 500ms followed by voice message then repeat)
 - Voice message 3 (“Fire! Fire! Please leave the building by the central exit”) synchronised (3 x 500ms followed by voice message then repeat)
2. Approved to EN54-7 at the following sensitivity settings:
 - High
 - Normal
 - Low
3. The device must be used with the following batteries only:
 - Primary – CR123A (3V)
 - Secondary – CR123A (3V)
4. The Ceiling mounted VAD meets the requirements of EN 54-23 for the following:
 - Category rating C-3-2.6
 - Synchronization
 - Flash rate 0.5Hz
 - White LED



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