

## BRE Global Ireland

**Notified Body No. 2831**  
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## Certificate of constancy of performance

### 2831-CPR-F4387

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-OS Wireless Optical Smoke Detector with Type A Built-in Sounder

(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**  
**(Argus Spectrum International)**  
**Laitaatsillantie 3**  
**Savonlinna**  
**57170**  
**Finland**

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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 54-7:2000 + A1:2002 + A2:2006 - Smoke detectors - Point detectors**  
**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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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: 21 December 2021

Issue number 02

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

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## APPENDIX to Certificate of constancy of performance: 2831-CPR-F4387

### ARF-WL8-OS Wireless Optical Smoke Detector with Type A Built-in Sounder

#### Variants:

EK-WL8-OS – (EKHO Brand)

KM-WL8-OS – (K-Mesh Brand)

#### Notes:

1. Meets the requirements of EN 54-3:2001 for the following tones:
  - One tone Steady, 3500Hz (On)
  - One tone Meander, 3500Hz (1s On / 1s Off)
  - One tone Meander, 3500Hz (2s On / 2s Off)
  - Two tone, 3500Hz & 2150Hz (1s / 1s)
  - Two tone, 3500Hz & 2150Hz (0.4s / 0.4s)
  - One tone intermittent, 3500Hz (0.2s On / 1.3s Off)
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)



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