

## BRE Global

### UK Approved Body No. 0832

BRE Global Limited  
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## Certificate of UKCA approval constancy of performance 0832-UKCA-CPR-F0892

In compliance with the Construction Product Regulations 2020, UK Statutory Instruments 2020 No.1359 of Ministry of Housing, Communities and Local Government. This certificate applies to the construction product.

### Fireray Hub Reflective Optical Beam Smoke Detector with System Controller

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

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

FFE Ltd  
9 Hunting Gate  
Wilbury Way, Hitchin  
Hertfordshire  
SG4 0TJ  
United Kingdom

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9 Hunting Gate  
Wilbury Way, Hitchin  
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United Kingdom

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

### EN 54-12:2015 - Smoke detectors - Line detectors using an optical light beam

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 22 September 2023 and will remain valid as long as neither the designated standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved product certification body.

*P. Halligan*

P Halligan, Technical Manager

On behalf of BRE Global Limited

Date of First Issue: 22 September 2023

Issue Date: 22 September 2023

Issue Number: 01

To check the validity of this certificate, please contact us on +44 (0)333 321 8811 or email [enquiries@breglobal.com](mailto:enquiries@breglobal.com)

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**APPENDIX to Certificate of constancy of performance: 0832-UKCA-CPR-F0892****Fireray Hub Reflective Optical Beam Smoke Detector with System Controller****Approved Model:**

Fireray Hub Reflective Optical Beam Detector

**Notes:**

1. Meets the requirements of EN 54-12:2015 at the following sensitivity settings:
  - 25% Obscuration (High Sensitivity)
  - 35% Obscuration (Medium Sensitivity)
2. Approved operating distance 8-120 m
3. Delay to fire setting 5 seconds

**Ancillaries:**

1 reflector for ranges between 8 – 50 m  
Long Range Kit (4 reflectors) increases operating range to 50-120 m



P Halligan, Technical Manager

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