

## BRE Global

### UK Approved Body No. 0832

BRE Global Limited  
Bucknalls Lane, Garston, Watford,  
Hertfordshire, UK, WD25 9XX  
Telephone: +44 (0) 333 321 8811  
Fax: +44 (0)1923 664603  
Email: [enquiries@breglobal.com](mailto:enquiries@breglobal.com)  
Web: [www.breglobal.com](http://www.breglobal.com)

## Certificate of UKCA approval constancy of performance 0832-UKCA-CPR-F0951

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.

### EDB01 Reflective Beam Smoke Detector

*(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):

**Horing Lih Industrial Co Ltd**  
4F.,No 18, Lane 327  
Chung Shan Road  
Sec. 2, Zhonghe District 235  
New Taipei City  
Taiwan

**Horing Lih Industrial Co Ltd**  
No 35, Er-Hu Road  
Hu-Hsi Village  
Yuan-Shan Hsiang  
Yilan Hsien, 26445  
Taiwan

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 28 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved product certification body.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, Technical Manager

On behalf of BRE Global Limited

Date of First Issue: 28 September 2023

Issue Date: 28 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)

## BRE Global

## UK Approved Body No. 0832

BRE Global Limited  
Bucknalls Lane, Garston, Watford,  
Hertfordshire, UK, WD25 9XX  
Telephone: +44 (0) 333 321 8811  
Fax: +44 (0)1923 664603  
Email: [enquiries@breglobal.com](mailto:enquiries@breglobal.com)  
Web: [www.breglobal.com](http://www.breglobal.com)

## APPENDIX to Certificate of constancy of performance: 0832-UKCA-CPR-F0951

### EDB01 Reflective Beam Smoke Detector

#### Notes:

1. Meets the requirements of EN 54-12: 2015 at sensitivity settings 18%, 25%, 35% and 50%
2. Suitable for use at the following separation ranges:
  - a) 5 to 20 metres Short Path (1 x prism reflector required)
  - b) 20 to 50 metres Short Path (1 x prism reflector required)
  - c) 50 to 70 metres Normal Path (4 x prism reflector required)
  - d) 70 to 100 metres Long Path (4 x prism reflector required)

#### Accessories

1 x Prism Reflector

4 x Prism Reflector



P Halligan, Technical Manager

On behalf of BRE Global Limited

Date of First Issue: 28 September 2023

Issue Date: 28 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)