

## BRE Global Ireland

**Notified Body No. 2831**  
BRE Global Assurance (Ireland) Limited  
DCU Alpha, Old Finglas Road  
Glasnevin, Dublin, D11 KXN4  
Ireland  
T: +353 (0) 18824344  
E: [enquiries@breglobalireland.ie](mailto:enquiries@breglobalireland.ie)  
[www.breglobalireland.ie](http://www.breglobalireland.ie)

## Certificate of constancy of performance

### 2831-CPR-F1834

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)

#### **Banshee Excel Lite Xenon Audible Warning Device**

*(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):

**Hosiden Besson Limited**  
12 St Joseph's Close Trading Estate  
St Joseph's Close  
Hove  
East Sussex  
BN3 7EZ  
United Kingdom

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12 St Joseph's Close Trading Estate  
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BN3 7EZ  
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 54-3:2001 + A1:2002 + A2:2006 - Sounders**

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 October 2019 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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

Date of First Issue: 22 October 2019

Date of Issue: 22 October 2019

On behalf of BRE Global Assurance (Ireland) Limited

Issue number 01

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-F1834****Banshee Excel Lite Xenon Audible Warning Device****Bases:**

Shallow Base

Deep Base

**Notes:**

1. Type A with Shallow Base, Type B with Deep Base
2. Meets the requirements of EN 54-3:2001 with the following tones:
  - Tone A, Banshee Fast Sweep LF, 800Hz to 950Hz @ 9Hz
  - Tone B, Medium Sweep LF, 800Hz to 970Hz @ 1Hz
  - Tone C, Slow Whoop, 500Hz rising to 1200Hz over 3.5s, silence 0.5s
  - Tone D, DIN Tone (DK), 1200Hz falling to 500Hz over 1s, silence 10ms
  - Tone E, French Fire Sounder, 554Hz for 100ms and 440Hz for 400ms



P. Halligan, Certification Engineer,

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