DECLARATION OF PERFORMANCE  
No. 2831-CPR-F0595  

1. Unique identification code of the product-type:  
   Model number and Description:  
   55000-280 Analogue Addressable IR2 Flame Detector  
   Approved Accessories:  
   29600-203 Adjustable Mounting Bracket  
   Harmonised Product Type(s):  
   Flame Detectors – Point Detectors  

2. Intended use/es:  
   Fire detection and fire alarm systems  

3. Manufacturer:  
   Apollo Fire Detectors Ltd,  
   36 Brookside Road, Havant, Hampshire, PO9 1JR, United Kingdom  

4. Authorised representative:  
   N/A  

5. System of AVCP  
   System 1  

6a. Harmonised Standard(s):  
   EN 54-10:2000 + A1:2005  

6b. Notified Body:  
   BRE Global Ireland (Notified Body 2831)
7. **Declared performance**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Nominal activation conditions/Sensitivity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Response delay (response time) and Performance under fire conditions</td>
<td>4.2, 5.2 to 5.6</td>
<td>Pass</td>
</tr>
<tr>
<td>Operational reliability</td>
<td></td>
<td>Pass</td>
</tr>
<tr>
<td>Tolerance to supply voltage</td>
<td>5.16</td>
<td>Pass</td>
</tr>
<tr>
<td>Durability of operational reliability and response delay: temperature resistance</td>
<td>5.7, 5.8</td>
<td>Pass</td>
</tr>
<tr>
<td>Durability of operational reliability: vibration resistance</td>
<td>5.12 to 5.15</td>
<td>Pass</td>
</tr>
<tr>
<td>Durability of operational reliability: humidity resistance</td>
<td>5.9, 5.10</td>
<td>Pass</td>
</tr>
<tr>
<td>Durability of operational reliability: corrosion resistance</td>
<td>5.11</td>
<td>Pass</td>
</tr>
<tr>
<td>Durability of operational reliability: electrical resistance</td>
<td>5.17</td>
<td>Pass</td>
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</tbody>
</table>

The performance of the product identified above is in the conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

8. **Online Display Location**

This document can be viewed online at www.apollo-fire.co.uk

Signed for and on behalf of Apollo Fire Detectors Limited by:

Mr. Karl Westhead  
Technical Director  
Place and Date of Issue: Havant - 11 November 2019

(v4)