



By Appointment to
Her Majesty The Queen
Manufacturers of Fire Detection & Alarm Products
Apollo Fire Detectors Limited
Hampshire



**Construction Products Regulation:
EU (No) 305/2011**

This Declaration has been drawn-up in accordance with Commission Delegated Regulation (EU) No. 574/2014 which amends Annex III of Regulation (EU) No 305/2011.

DECLARATION OF PERFORMANCE

No. 2831-CPR-F0608

1. Unique identification code of the product-type:

Model number and Description:

55000-742 Loop-Powered Type A VAD 8.5m (Red)

Approved Accessories:

45681-210 XP95/Discovery Mounting Base
45681-284 XP95/Discovery Short Circuit Isolating Base

Harmonised Product Type(s):

Visual Alarm Devices

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 54-23:2010

6b. Notified Body:

BRE Global Ireland (Notified Body 2831)

A HALMA COMPANY



Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire, PO9 1JR, UK
t +44 (0)23 9249 2912 f +44 (0)23 9249 2754 e sales@apollo-fire.co.uk

www.apollo-fire.co.uk

Apollo Fire Detectors Ltd. Registered in England No. 1483208
Registered Office: 36 Brookside Road, Havant, Hampshire, PO9 1JR VAT Registration No. GB 339 0553 54

7. Declared performance

Essential Characteristics	Standard EN54-23:2010	Performance
Operational reliability: Duration of operation Provision for external conductors Flammability of materials Enclosure protection Access Manufacturer's adjustments On-site adjustment of behaviour Requirements for software controlled devices	4.2.1 4.2.2 4.2.3 4.2.4 4.2.5 4.2.6 4.2.7 4.2.8	Pass
Performance parameters under fire condition: Coverage volume Variation of light output Minimum and maximum light intensity Light colour Light temporal pattern and frequency of flashing Marking and data Synchronisation (option with requirements)	4.3.1 4.3.2 4.3.3 4.3.4 4.3.5 4.3.6 4.3.7	Pass
Durability: Temperature resistance: Dry heat (optional) Dry heat (endurance) Cold (operational) Humidity Resistance: Damp heat, cyclic (operational) Damp heat, steady state (endurance) Damp heat, cyclic (endurance) Shock and vibration resistance: Shock (operational) Impact (operational) Vibration (operational) Vibration (endurance) Corrosion resistance: SO ₂ corrosion (endurance) Electrical stability: EMC, Immunity (operational)	4.4.1.1 4.4.1.2 4.4.1.3 4.4.2.1 4.4.2.2 4.4.2.3 4.4.3.1 4.4.3.2 4.4.3.3 4.4.3.4 4.4.4 4.4.5	Pass

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 - 07 November 2019

(v3)

