

DECLARATION OF PERFORMANCE

No DoP0168

Unique identification code of the product-type:

DMCFA3000

Intended use/es:

Fire detection and fire alarm systems

Manufacturer:

Digital Lighting (Dongguan) Co., Ltd, Xin Min Road, Xin Min District, Changan Town, Dongguan City,
Guangong Province, China, 523879

Authorised representative:

Not Applicable

System/s of AVCP:

System 1

Harmonised standard/s:

EN54-5:2000 + A1:2002, EN54-7:2000 + A1:2002 + A2:2006 & EN54-17:2005

Notified body/ies:

BRE Global Assurance (Ireland) Limited, DCU Alpha, Old Finglas Road, Glasnevin, Dublin, D11 KXN4,
Ireland (2831-CPR-F2267)

Declared performance/s:

Essential Characteristics	Performance	Harmonized Technical Specification		
		EN54-5:2000 + A1:2002	EN54-7:2000 + A1:2002 + A2:2006	EN54-17:2005
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	Pass	4.2, 4.3, 5.2, to 5.6, 5.8, 6.1 ^S , 6.2 ^R	4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18	-
Performance under fire conditions	Pass	-	-	5.2 ¹
Operational reliability	Pass	4.4 to 4.11	4.2 to 4.7, 4.9 to 4.11	4
Tolerance to supply voltage	Pass	5.7	5.5	-
Durability Of Operational Reliability, Temperature Resistance	Pass	5.9, 5.10	5.8, 5.9	5.4, 5.5
Durability Of Operational Reliability, Vibration Resistance	Pass	5.14 to 5.17	5.13 to 5.16	5.9 to 5.12
Durability Of Operational Reliability, Humidity Resistance	Pass	5.11, 5.12	5.10, 5.11	5.6, 5.7
Durability Of Operational Reliability, Corrosion Resistance	Pass	5.13	5.12	5.8
Durability Of Operational Reliability, Electrical Stability	Pass	5.18	5.17	5.3, 5.13

^S Suffix S detectors only, ^R Suffix R detectors only

¹ This is assuming that the effect of the fire is to cause a short circuit in the transmission path that is protected by these devices.

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

Signed for an on behalf of the manufacturer by:

Name: Mr Philip Williams (Approvals Manager)

Signed: 

Place: Cwmbran

Date: 28th October 2020