

Declaration of Performance

Manufacturer: Moflash Signalling Limited
11 Upper Conybere Street,
Highgate
Birmingham
B12 0EB

Applicable Products:

Type A – For Indoor use.

Model Reference	Type
Carillon	24VDC Indoor Sounder.

Type B – For Outdoor use.

Model Reference	Type
YA30	AC and DC Outdoor 100dB Industrial Sounder.
YA40	AC and DC Outdoor 106dB Industrial Sounder.
YL40	AC and DC Outdoor 106dB Industrial Sounder with Flasher.
YA50	AC and DC Outdoor 110dB Industrial Sounder.
YL50	AC and DC Outdoor 106dB Industrial Sounder with Flasher.
YA80	AC and DC Outdoor 115dB Industrial Sounder.
YA80 Super	AC and DC Outdoor 120dB Industrial Sounder.
YL80	AC and DC Outdoor 115dB Industrial Sounder with Flasher.
YL80 Super	AC and DC Outdoor 120dB Industrial Sounder with Flasher.

Intended use: Fire Alarm Devices and General Signals

Notified Body: BSI (2797-CPR-713892)
BSI (0086-CPR-774029)

Standards: BS EN54-3:2001 + A1:2002 & A2:2006

Moflash Signalling Ltd

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FM 558977

Declared Performance:

Harmonised Technical Specification	EN 54-3:2001 + A1:2002 + A2:2006	
Essential Characteristics	Performance	Clause
Performance Parameters Under Fire Conditions		
Sound level	Pass	4.2
Frequencies and sound pattern	Pass	4.3
Reproducibility	Pass	5.2
Operational performance	Pass	5.3
Operational Reliability		
Durability	Pass	4.4 & 5.4
Construction	Pass	4.5
Marking and data	Pass	4.6
Durability of Operational Reliability		
Dry heat (operational)	Pass	5.5
Dry heat (endurance)	Pass	5.6
Cold (operational)	Pass	5.7
Damp heat, cyclic (operational)	Pass	5.8
Damp heat, steady state (endurance)	Pass	5.9
Damp heat, cyclic (endurance)	Pass	5.1
Sulphur dioxide (SO ₂) corrosion (endurance)	Pass	5.11
Shock (operational)	Pass	5.12
Impact (operational)	Pass	5.13
Vibration, sinusoidal (operational)	Pass	5.14
Vibration, sinusoidal (endurance)	Pass	5.15
Durability of Operational Reliability, Electrical Stability		
Electromagnetic compatibility (EMC) immunity (operational)		
	Pass	5.16
Durability of Operational Reliability, Resistance to Ingress		
Enclosure protection	Pass	5.17

This declaration of performance is issued under the sole responsibility of the manufacturer, and the products listed above perform within the scope of this document.



Daniel Burrell
Head of Engineering

Issue: 2
Signed: Birmingham, UK
Date: 28/10/2022

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