

**DECLARATION OF PERFORMANCE**  
**No.: LM-101LBCPR002**

1. Unique identification code of the product-type:

LM-101LB/62027735

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Optical Smoke Alarm Device LM-101LB

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Fire Safety and installed in buildings

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5):

NINGBO KINGDUN ELECTRONIC INDUSTRY CO.,LTD.  
NO.28 FENGYUAN ROAD,SOUTH OF ECONOMIC DEVELOPMENT AREA,YUYAO CITY,  
ZHEJIANG PROVINCE CHINA

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):  
Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

BRE Global Ireland 2831  
performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued the EC certificates of conformity:  
2831-CPR-F0028

8. Declared performance

Essential characteristics	Performance	Harmonized technical specification
		EN 14604:2005/AC:2008
Nominal activation conditions/ Sensitivity,Response delay (response time) and Performance under fire condition	PASS	4.12, 4.18, 5.2, 5.3, 5.4, 5.5,5.6, 5.15, 5.17, 5.18, 5.19, 5.20
Operational reliability	PASS	4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7,4.8, 4.9, 4.10, 4.11, 4.13, 4.14,4.15, 4.16, 4.17, 4.19, 5.11,5.16, 5.22, 5.23, 5.24
Tolerance to supply voltage	PASS	5.21
Durability of operational reliability and response delay, Temperature resistance	PASS	5.7, 5.8
Durability of operational reliability,vibration resistance	PASS	5.12, 5.13
Durability of operational reliability,humidity resistance	PASS	5.9
Durability of operational reliability,corrosion resistance	PASS	5.10
Durability of operational reliability,electrical stability	PASS	5.14
Notes:The products covered by this standard are assumed to operate, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.		

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4:

Signed for and on behalf of the manufacturer by:

Yuyao, China 2019-10-21  
(place and date of issue)

宁波金盾电子工业有限公司  
NINGBO KINGDUN ELECTRONIC INDUSTRY CO., LTD.

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(signature)