

Test Report

Sample Name	: LED street lights
Sample Model	: AOK-600WHMA-NV-L5-00-4070-T5-P
Inspection Classification	: Commission test
Manufacturer	: AOK Industrial Company Limited
Client	: AOK Industrial Company Limited

Guangzhou LCS Compliance Testing Laboratory Ltd.



Test Report

Client : AOK Industrial Company Limited

Address : 1/F of 1#Building, East Block of 3/F of Building 1, And 2/F of Building 4, ST George' s
Science and Technology Industrial Park, Northside of Xinyu Road, Xiangshan
Community, Xinqiao Street Baoan District, 518000 Shenzhen, Guangdong, CHINA

Manufacturer : AOK Industrial Company Limited

Address : 1/F of 1#Building, East Block of 3/F of Building 1, And 2/F of Building 4, ST George' s
Science and Technology Industrial Park, Northside of Xinyu Road, Xiangshan
Community, Xinqiao Street Baoan District, 518000 Shenzhen, Guangdong, CHINA

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client:

Sample Name : LED street lights

Sample Model : AOK-600WHMA-NV-L5-00-4070-T5-P

Sample Quantity : 1PC

Sample tested Status : Normal

Sample received Date : Dec.19, 2023

Sample tested Date : Dec.19, 2023

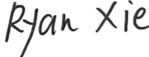
Trade mark : 

Test result information:

Test item : 3G Vibration Test

Test standard : ANSI C136.31-2018

Test result : PASS

					
Edited by	Zoe Pi	Checked by	Ryan Xie	Approved by	Kizard Zhang
	Jul.30, 2026		Jul.30, 2026		Jul.30, 2026

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Test Report

Model list:

MODEL NO.	POWER
AOK-400WHMA-NV-LL-ZZ-XXYY-BN-P	400W
AOK-500WHMA-NV-LL-ZZ-XXYY-BN-P	500W
AOK-600WHMA-NV-LL-ZZ-XXYY-BN-P	600W

Customer statement: Model list are additional model, All models are identical including the construction, material, circuit diagram, just different in length and size and power. The report choose the model AOK-600WHMA-NV-L5-00-4070-T5-P as the main test model. Other models testing result refer to the model AOK-600WHMA-NV-L5-00-4070-T5-P.

'LL' can be any letters to denote manufacturer of LED, and can be replaced by L5 to represent IUMILEDS 5050 LED; or O37 to represent OSRAM P8 LED

'ZZ' stands for whether with NEMA receptacle and short circuit cap, can be 00 and SN, 00=without NEMA receptacle and short

circuit cap, SN=with NEMA receptacle and short circuit cap;

'XX' stands for CCT of LED, can be 27, 30, 40, 50, 57 and 65, 27=2700K, 30=3000K, 40=4000K, 50=5000K, 57=5700K, 65=6500K

'YY' stands for CRI (color rendering index), can be 70, 80 and 90, 70= Ra: 70, 80= Ra: 80, 90= Ra: 90;

'BN' stands for beam angles Type



Revise Record

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Test Report

Test Item: 3G Vibration Test

1) Environment conditions:

Temperature: 23.2°C Humidity: 54%RH

2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity	Sample Description
B231008020-001	LED street lights	AOK-600WHMA-NV-L5-00-4070-T5-P	1PC	Normal

3) Reference Basis: ANSI C136.31-2018

4) Test Condition:

- Secure to the console and secure;
- Swept Vibration:
 - Frequency(Hz): 2-30;
 - Acceleration(G): 0.2;
 - Swept rate(Oct/min): 1;
 - Test axial: X, Y, Z.
- Fixed Vibration:
 - Frequency(Hz): X-21.07Hz, Y-19.88Hz, Z-22.25Hz;
 - Acceleration(G): 3;
 - Test cycle(Times): 100000;
- Sample test condition: Non-Operation.
- Judgement requirements:After the test, the sample has no visual damage, no parts are loose in inside.The sample lit up normally.

5) Test Equipment:

Sequence	Equipment Name	Equipment No.	Valid Date to
1	Vibration tester	GLCS-S-177	Aug.13, 2024

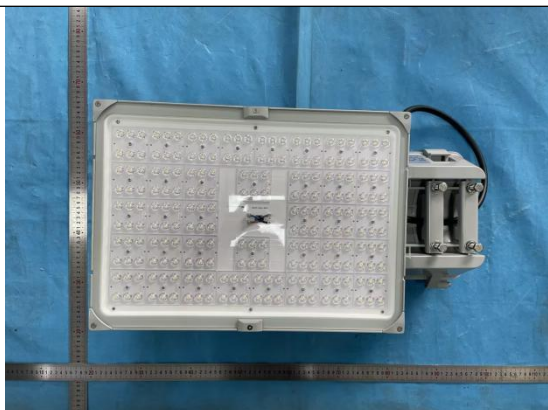
6) Test Results:

Sample No.	Test Result	Judge
B231008020-001	After the test, the sample has no visual damage, no parts are loose in inside.The sample lit up normally.	PASS

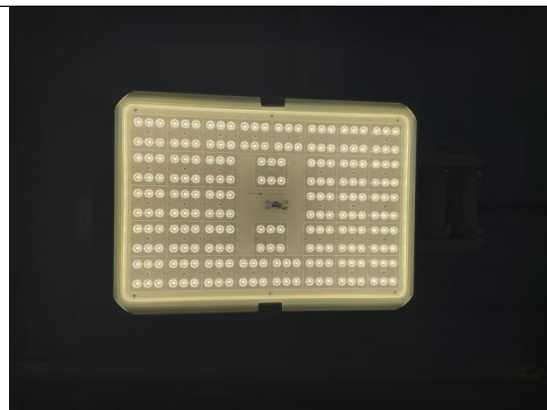


Test Report

Sample Photo before the Test:



Appearance inspection

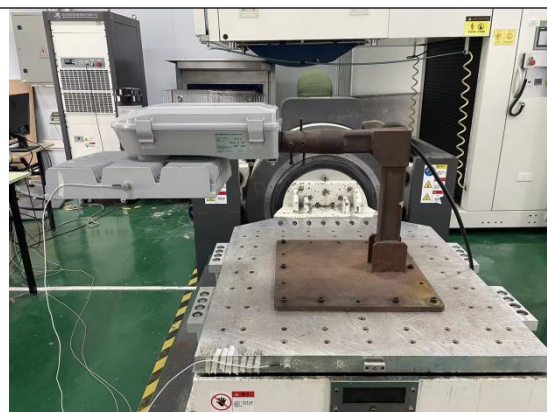


Light up inspection

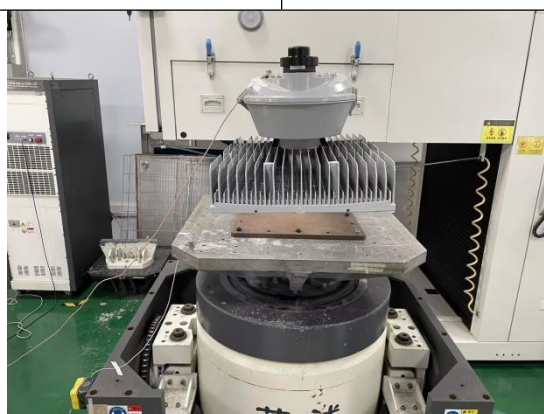
Sample Photo during the Test:



X axis



Y axis

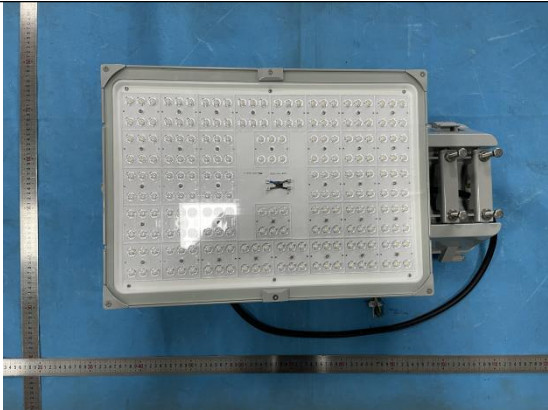


Z axis



Test Report

Sample Photo after the Test:



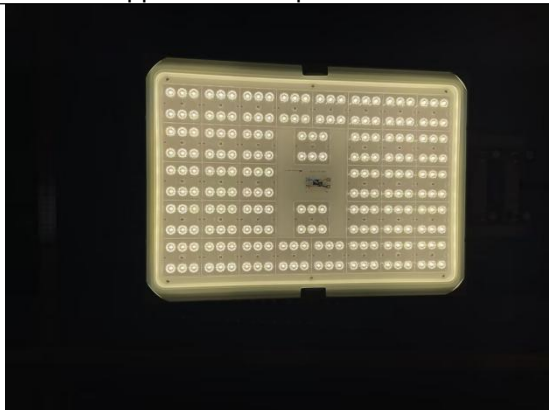
Appearance Inspection-Front



Appearance Inspection-Back



Inside inspection

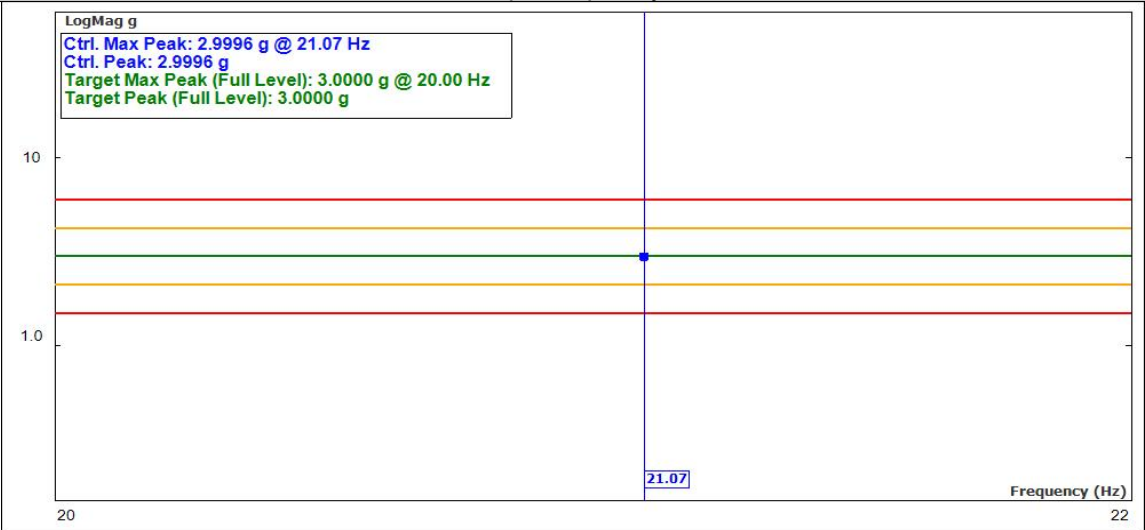
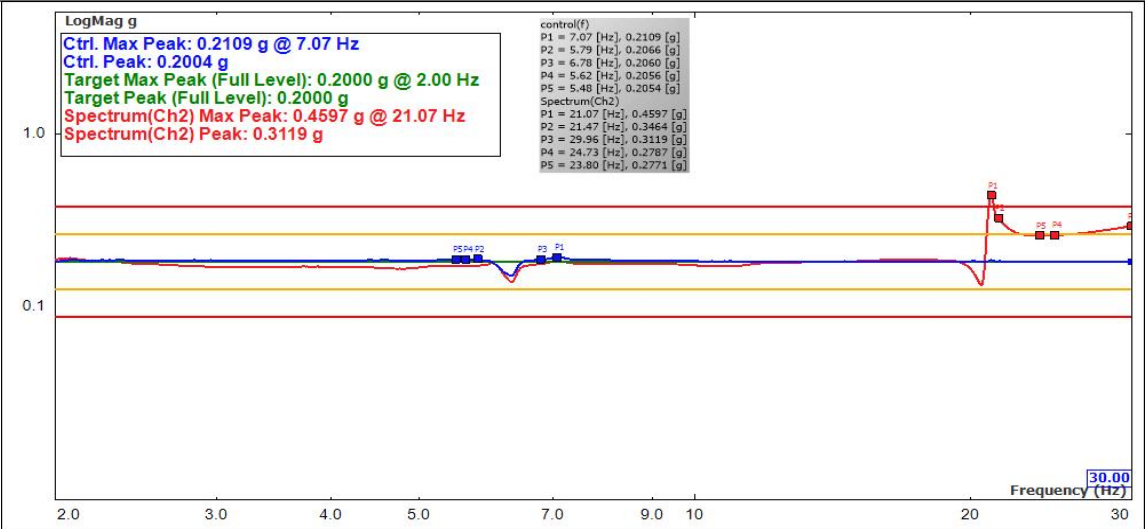


Light up inspection



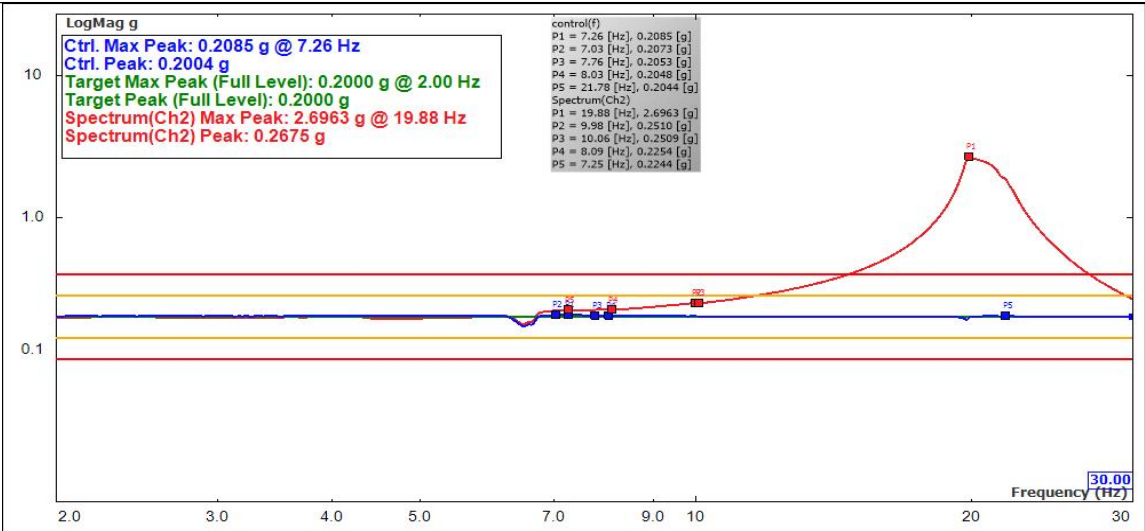
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Test Curve:

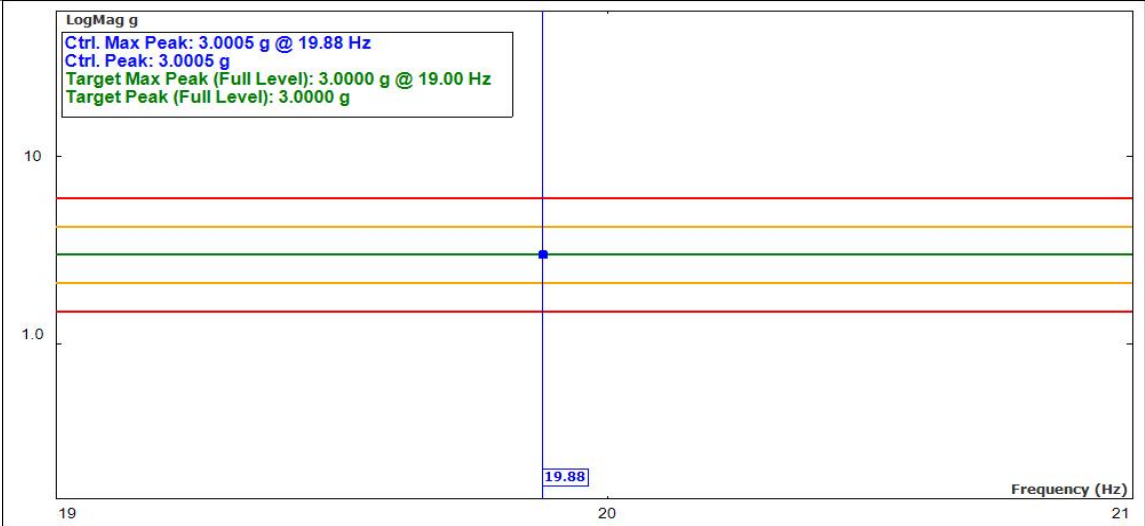


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Test Curve:



Swept Frequency Y

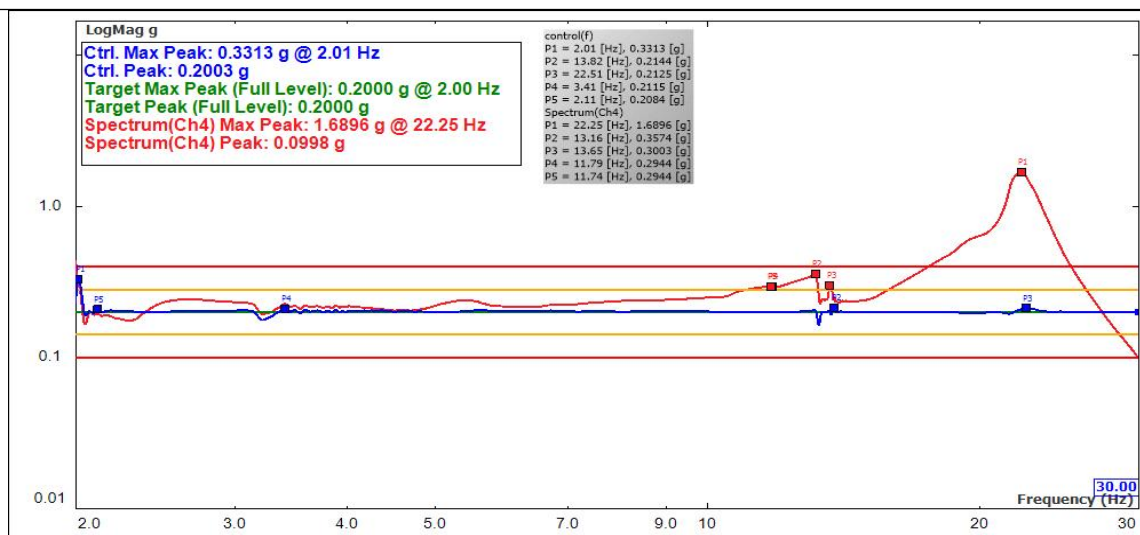


Fixed Frequency (Y-3G)

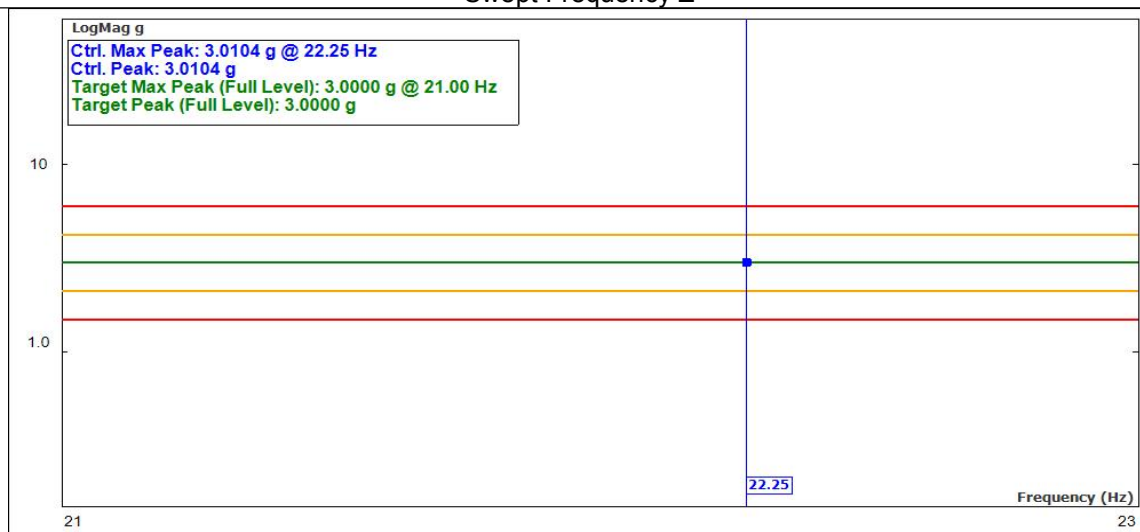


Test Report

Test Curve:



Swept Frequency Z



Fixed Frequency (Z-3G)

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NOTES:

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2. The content of reports cannot be copied without written consent of lab.
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4. Report will be invalid if altered.
5. If there is any objection to the test report, it should be submitted to the lab within 15 days.
Otherwise, objection invalid.
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8. The applicant and manufacturer's information, product name, model, trademark and other information in this report are provided by the applicant, and the laboratory is not responsible for verifying their authenticity.

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**** End of Report ****

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