

Test Report

Sample Name	: LED street lights
Sample Model	: AOK-600WHMA-NV-L5-SN-6570-BN-P
Inspection Classification	: Commission test
Manufacturer	: AOK Industrial Company Limited
Client	: AOK Industrial Company Limited

Guangzhou LCS Compliance Testing Laboratory Ltd.



Test Report

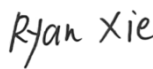
Client : AOK Industrial Company Limited
: 1/F of 1#Building, East Block of 3/F of Building 1, And 2/F of Building 4, ST George' s
Address Science and Technology Industrial Park, Northside of Xinyu Road, Xiangshan
Community, Xinqiao Street Baoan District, 518000 Shenzhen, Guangdong, CHINA
Manufacturer : AOK Industrial Company Limited
: 1/F of 1#Building, East Block of 3/F of Building 1, And 2/F of Building 4, ST George' s
Address 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-SN-6570-BN-P
Sample Quantity : 4PCS
Sample tested Status : Normal
Sample received Date : Sep.29, 2023
Sample tested Date : Oct.7, 2023~Nov.18, 2023
Trade mark : 

Test result information:

Test item : UV Aging Test
Test standard : ASTM G154-2016
Test result : See the text

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

TRF-4-K-005 A/0



Guangzhou LCS Compliance Testing Laboratory Ltd.
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Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

Test Report

Main test model	AOK-600WHMA-NV-LL-ZZ-XXYY-BN-P						
Model name	Power	Voltage	Power supply	LED	Color temperature indicates	Angle	Product size
AOK-400WHMA-NV-LL-ZZ-XXYY-BN-P AOK-400WHMA-NV-L5-SN-4070-BN-P AOK-400WHMA-NV-O37-SN-4070-BN-P	400	120-277V	EUM-200S560DG*2 (Certificate drive Ta:100-200V:40 , 200-240,/200-277V:50) DALI:EUM-200SxxxBG*2 (Certificate drive Ta:100-200V:50 , 200-240,/200-277V:60)	T5 LUMILED S 5050 , T3 OSRAM P8	4000K,CR I70	T3,T5 (2 lamp beads, one lamp bead with one Angle)	The same size, but the density of the heat sink is different , the lamp beads are different
AOK-500WHMA-NV-LL-ZZ-XXYY-BN-P AOK-500WHMA-NV-L5-SN-4070-BN-P AOK-500WHMA-NV-O37-SN-4070-BN-P	500		EUM-240S670DG*2 (Certificate drive Ta:100-200V:40 , 200-240,/200-277V:50) DALI:EUM-240SxxxBG*2 (Certificate drive Ta:100-200V:45 , 200-240,/200-277V:55)				
AOK-600WHMA-NV-LL-ZZ-XXYY-BN-P AOK-600WHMA-NV-L5-SN-6570-BN-P AOK-600WHMA-NV-O37-SN-4070-BN-P	600		EUM-680SxxxMG (Certificate drive Ta:-40-50) DALI:EUM-680SxxxBG (Certificate drive Ta:-40-50)				
‘LL’can be any letters to denote manufacturer of IED,and can be replace by L5 to represent IUMILED S 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:							

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Customer Statement: The material of the Graph A is exactly the same as the main test model; the report selects the AOK-600WHMA-NV-L5-SN-6570-BN-P model as the main test model. Test results of Graph A refer to AOK-600WHMA-NV-L5-SN-6570-BN-P model.



Test Report

Revise Record

Report version	Issued date	Revision times	Revised content	Valid version
LCSC10103018K	Jun.19, 2024	/	At customer request, the report is based on LCSC08013028K report, modified the customer information and sample model.	Invalid
LCSC10103018K 001	Jul.30, 2026	First	Change invalid to valid	Valid

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Test Report

Test Item: UV Aging Test

1) Environment conditions:

Temperature: 23.3℃ Humidity: 54%RH

2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity	Sample Description
B230804050-001~004	LED street lights	AOK-600WHMA-NV-LL-ZZ-XXYY-BN-P	4PCS	Normal

3) Reference Basis: ASTM G154-2016

4) Test Condition:

1. Lamp type: UVA340;
2. Irradiation intensity: 0.89W/m²@340nm;
3. Light temperature: 60℃;
4. Light time: 8H;
5. Condensation temperature: 50℃;
6. Condensation time: 4H;
7. Total test time: 1000H.

5) Test Equipment:

Sequence	Equipment Name	Equipment No.	Valid Date to
1	UV aging test chamber	GLCS-S-118	May 11, 2024

6) Test Results:

Sample No.	Test Result	Gray scale
B230804050-001	After the test, the test sample appearance is normal, no deformation, cracking, discoloration and other abnormal phenomena.	4-5
B230804050-002	After the test, the test sample appearance is normal, no deformation, cracking, discoloration and other abnormal phenomena.	4-5
B230804050-003	After the test, the test sample appearance is normal, no deformation, cracking, discoloration and other abnormal phenomena.	4-5
B230804050-004	After the test, the test sample appearance is normal, no deformation, cracking, discoloration and other abnormal phenomena.	4-5



Test Report

Optical comparison data	Before test	After test
Total Luminous Flux (Lumens)	88692	88149
Luminous Efficacy (Lumens/Watt)	147.94	144.63

Note: Optical comparison data is provided by the client.

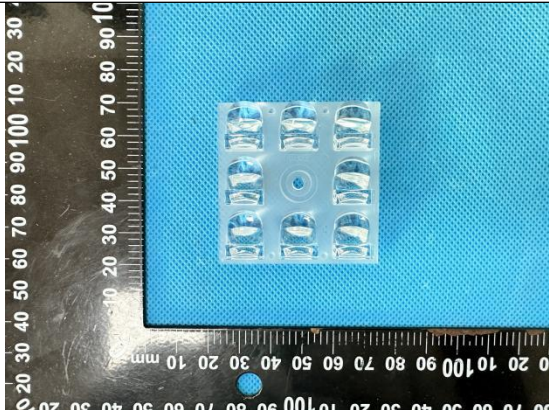


Test Report

Sample Photo before the Test:

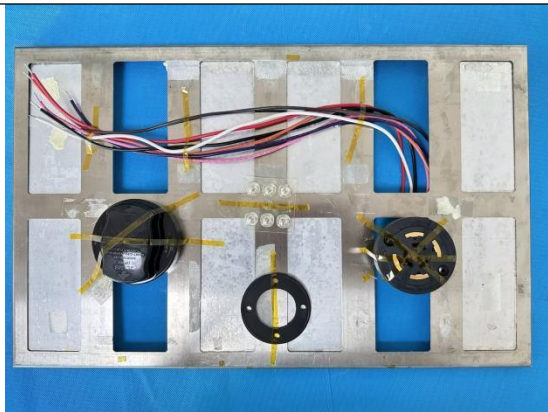


Test the sample

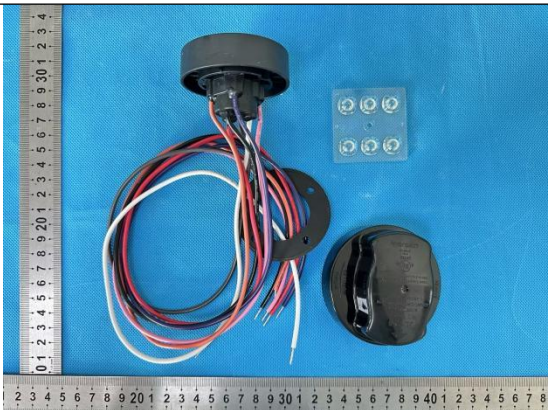


Graph A-Samples of the same material

Sample Photo during the Test:



Sample Photo after the Test:



Appearance inspection



B230804050-001 Appearance inspection



Test Report

Sample Photo after the Test:



B230804050-002Appearance inspection



B230804050-003Appearance inspection



B230804050-004Appearance inspection



Test Report

NOTES:

1. The report be without test report seal is considered as INVALID.
2. The content of reports cannot be copied without written consent of lab.
3. The report will be invalid without signature of testing person, review person and approved person.
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.
6. Lab is responsible to the testing samples only.
7. The report is only for use of internal by customer or scientific research.
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 ****

