



Test Report

Sample Name	:	LED Street Light
Sample Model	:	AOK-300WiLH-NV-L2-00-6570-T2-P
Inspection Classification	:	Commission test
Manufacturer	:	AOK Industrial Company Limited
Client	:	AOK Industrial Company Limited



Shenzhen LCS Compliance Testing Laboratory Ltd.

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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

Factory : 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 Light

Sample Model : AOK-300WILH-NV-L2-00-6570-T2-P

Sample Quantity : 1 PC

Sample tested Status : Normal

Sample received Date : Jun. 11, 2026

Sample tested Date : Jun. 14, 2026~Jul. 26, 2026

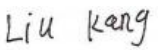
Trade mark : 

Test result information:

Test item : Salt spray test

Test standard : ASTM B117-2019

Test result : See the text

Edited by	 Liukang	Checked by	 Kings.Su	Approved by	 Hart.Qiu
	Jul. 27, 2026		Jul. 27, 2026		Jul. 27, 2026

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Declared by applicant as follows: - All models use the same circuit and PCB layout, and the materials and appearance structure are the same except the power supply.

Model list for luminaire:

Model No.	'Z' can be 10 to 300 which stands for Rated Power 10W to 300W, in steps of 1W	Rated Power (W)
AOK-ZWiLH(S)-NV-A5-BB-XXYY-BN-P	Z=10 to 30	10-30
	Z=31 to 40	31-40
	Z=41 to 50	41-50
	Z=51 to 60	51-60
	Z=61 to 70	61-70
	Z=71 to 80	71-80
	Z=81 to 100	81-100
AOK-ZWiLH(M)-NV-A5-BB-XXYY-BN-P	Z=101 to 150	101-150
AOK-ZWiLH(L)-NV-A5-BB-XXYY-BN-P	Z=121 to 150	121-150
AOK-ZWiLH(L)-NV-A5-BB-XXYY-BN-P	Z=151 to 200	151-160
AOK-ZWiLH(XL)-NV-A5-BB-XXYY-BN-P	Z=161 to 200	161-200
AOK-ZWiLH(XL)-NV-A5-BB-XXYY-BN-P	Z=201 to 240	201-240
AOK-ZWiLH(XXL)-NV-A5-BB-XXYY-BN-P	Z=201 to 240	201-240
AOK-ZWiLH(XXL)-NV-A5-BB-XXYY-BN-P	Z=241 to 300	241-300
AOK-ZWiLH(S)-NV-L2-BB-XXYY-BN-P	Z=10 to 30	10-30
	Z=31 to 40	31-40
	Z=41 to 50	41-50
	Z=51 to 60	51-60
	Z=61 to 70	61-70
	Z=71 to 80	71-80
	Z=81 to 100	81-100
AOK-ZWiLH(M)-NV-L2-BB-XXYY-BN-P	Z=101 to 150	101-120
AOK-ZWiLH(L)-NV-L2-BB-XXYY-BN-P	Z=121 to 150	121-150
AOK-ZWiLH(L)-NV-L2-BB-XXYY-BN-P	Z=151 to 200	151-160
AOK-ZWiLH(XL)-NV-L2-BB-XXYY-BN-P	Z=161 to 200	161-200
AOK-ZWiLH(XL)-NV-L2-BB-XXYY-BN-P	Z=201 to 240	201-240
AOK-ZWiLH(XXL)-NV-L2-BB-XXYY-BN-P	Z=201 to 240	201-240
AOK-ZWiLH(XXL)-NV-L2-BB-XXYY-BN-P	Z=241 to 300	241-300
AOK-ZWiLH(S)-NV-L3-BB-XXYY-BN-P	Z=10 to 30	10-30
	Z=31 to 40	31-40
	Z=41 to 50	41-50

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	Z=51 to 60	51-60
	Z=61 to 70	61-70
	Z=71 to 80	71-80
	Z=81 to 100	81-100
AOK-ZWiLH(M)-NV-L3-BB-XXYY-BN-P	Z=101 to 150	101-120
AOK-ZWiLH(L)-NV-L3-BB-XXYY-BN-P	Z=121 to 150	121-150

Remark :

'Z' stands for Rated Power, can be 10-300, in steps of 1W, e.g. 10=10W, 300=300W;

'BB' stands for whether with NEMA socket & short-circuit cap and Zhaga socket & sealing cap, can be 00, PH and SN, 00=without NEMA socket & short-circuit cap and Zhaga socket & sealing cap, PH=with NEMA socket & short-circuit cap, SN=with Zhaga socket & sealing 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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Revise Record

[illegible]

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Test Item: Salt spray test

1) Environment conditions:

Temperature: 24.3℃ Humidity: 51%RH

2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity	Sample Description
B251127044-001	LED Street Light	AOK-300WILH-NV-L2-00-6570-T2-P	1 PC	Normal

3) Reference Basis: ASTM B117-2019

4) Test Condition:

1. Solution pH value: 6.8;
2. Salt spray concentration: 5% NaCl;
3. Temperature of spray box: 35 °C;
4. Saturation pressure barrel temperature: 47 °C;
5. Salt spray settling capacity: 1.5ml/80cm²/h;
6. Test time: 1000 hours;

5) Test Equipment:

Sequence	Equipment Name	Equipment No.	Valid Date to
1	Salt Spray Test Chamber	LCS-S-562	Sep.14, 2026

6) Test Results:

Sample No.	Test Results	Defect area (A/%)	Rating (Ra)
B251127044-001	After the test, the appearance of the sample is slightly blistered, without cracking and rust.	0.5	7

Note: The protection rating is carried out according to GB/T 6461-2002:

Defect area (A/%)	Rating (Ra)
No defect	10
0<A≤0.1	9
0.1<A≤0.25	8
0.25<A≤0.5	7
0.5<A≤1.0	6
1.0<A≤2.5	5
2.5<A≤5.0	4
5.0<A≤10	3
10<A≤25	2
25<A≤50	1
50<A	0

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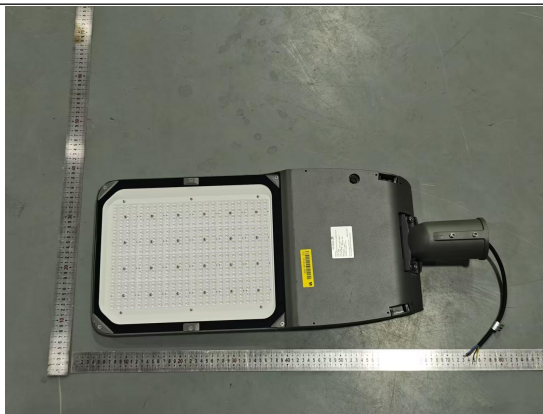
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7) Sample Photos

Sample Photo before the Test:



Sample Photo during the Test:



Sample Photo after the Test:



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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 ****

