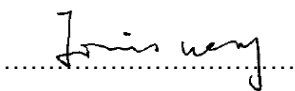


TEST REPORT	
Report Reference No.	: 4909168.50
Tested by (name + signature)	: Speed Sun 
Approved by (name + signature)	: Jimmy Wang 
Date of issue	: 2023-09-22
Total number of pages	: 10 pages
Testing Laboratory	: DEKRA Testing and Certification (Shanghai) Ltd. Guangzhou Branch
Testing location / address	: Block 5, No.3, Qiyun Road, Huangpu District, Guangzhou, Guangdong, China
Applicant	: AOK Industrial Company Limited
Address	: East Suite (2/F, Plant 4, St George's Science and Technology Industrial Park) 3/F, Building 1, St George's Science and Technology Industrial Park North Side of Xinyu Road, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China
Test specification:	:
Standard(s)	: ASTM B117-19 and EN ISO 10289: 2001
Test procedure	: Partial test
Test object description	: LED Streetlight
Trade Mark	: 
Manufacturer	: Same as applicant
Factory	: Same as applicant
Model/Type reference	: Refers to Attachment 1 for details
Ratings	: 220-240 VAC, 50/60 Hz, Class I, IP66, ta: 55 °C; non-user replaceable LEDs; Other information refers to Attachment 1 for details
Samples received in DEKRA Laboratory on	: 2022-12-20
Amount of samples received	: 2 pcs
Test Date	: 2022-12-20 to 2023-01-31
Possible test case verdicts:	
- test case applies to the test object but does not be checked	: N/C
- test case does not apply to the test object	: N/A
- test object does meet the requirement	: <u>P(Pass)</u>
- test object does not meet the requirement	: F(Fail)
Test program	: The test object has been submitted to a test program as mentioned on the next page.

Summary of test results:

Based on the test results given in this report:

The submitted sample AOK-300WiL02-NV-S3-PH-6570-T2-P shows slight blistering of the metal enclosure up to 0,92% of the total area (Rp=6).

The submitted sample AOK-100WiLA-NV-S5-PH-6570-T2-P shows slight blistering of the metal enclosure up to 3,44% of the total area (Rp=4).

There is no any effect on light output after 1000 hours salt spray test.

The test results shown in this report relate only to the tests performed according to the test program. The test object has not been submitted to a full test program.

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Test program:

Perform partial test as per applicant's requirement.

The salt spray test is carried out based on the following test requirements:

ASTM B117-19

General remark:

The test results presented in this report relate only to the object tested.

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The measurement result is considered in conformance with the requirement if it is within the prescribed limit, it is not necessary to calculate the uncertainty associated with the measurement result.

This report will not be used for social proof function in China market.

The products covered in this report are class I streetlights, equipped with non-user replaceable LEDs.

AOK-300WiL02-NV-S3-PH-6570-T2-P, AOK-100WiLA-NV-S5-PH-6570-T2-P were subjected to 1000 hours salt spray tests according to the request of the applicant.

Material of enclosure: Die-casting aluminum.

Material of screw and washers: Stainless steel.

Coating to basis metal:

For WiLA series: Powder Coating: Silver Gray RAL9007;

For WiL02 series: Powder Coating: Silver Gray Cool Gray 5C

Copy of marking plate or identification photo:

ANNEX 1: Test procedure and validation

1.01: Salt fog test	
Test condition:	Salt spray test for a minimum of 1000 hours is required in accordance with ASTM B117-19. Prior to the test, the luminaires' surface was cleaned. Ambient temperature: 35 °C ± 2 °C Salt concentration: 5% concentration (NaCl, Analytical pure grade) PH value: 7,0
Test verdict:	The submitted sample AOK-300WiL02-NV-S3-PH-6570-T2-P shows slight blistering of the metal enclosure up to 0,92% of the total area (Rp=6). The submitted sample AOK-100WiLA-NV-S5-PH-6570-T2-P shows slight blistering of the metal enclosure up to 3,44% of the total area (Rp=4). There is no any effect on light output after 1000 hours salt spray test.

Pictures of the Appliances:



Overall view of AOK-300WIL02-NV-S3-PH-6570-T2-P



Rear view of AOK-300WIL02-NV-S3-PH-6570-T2-P

Pictures of the Appliances:

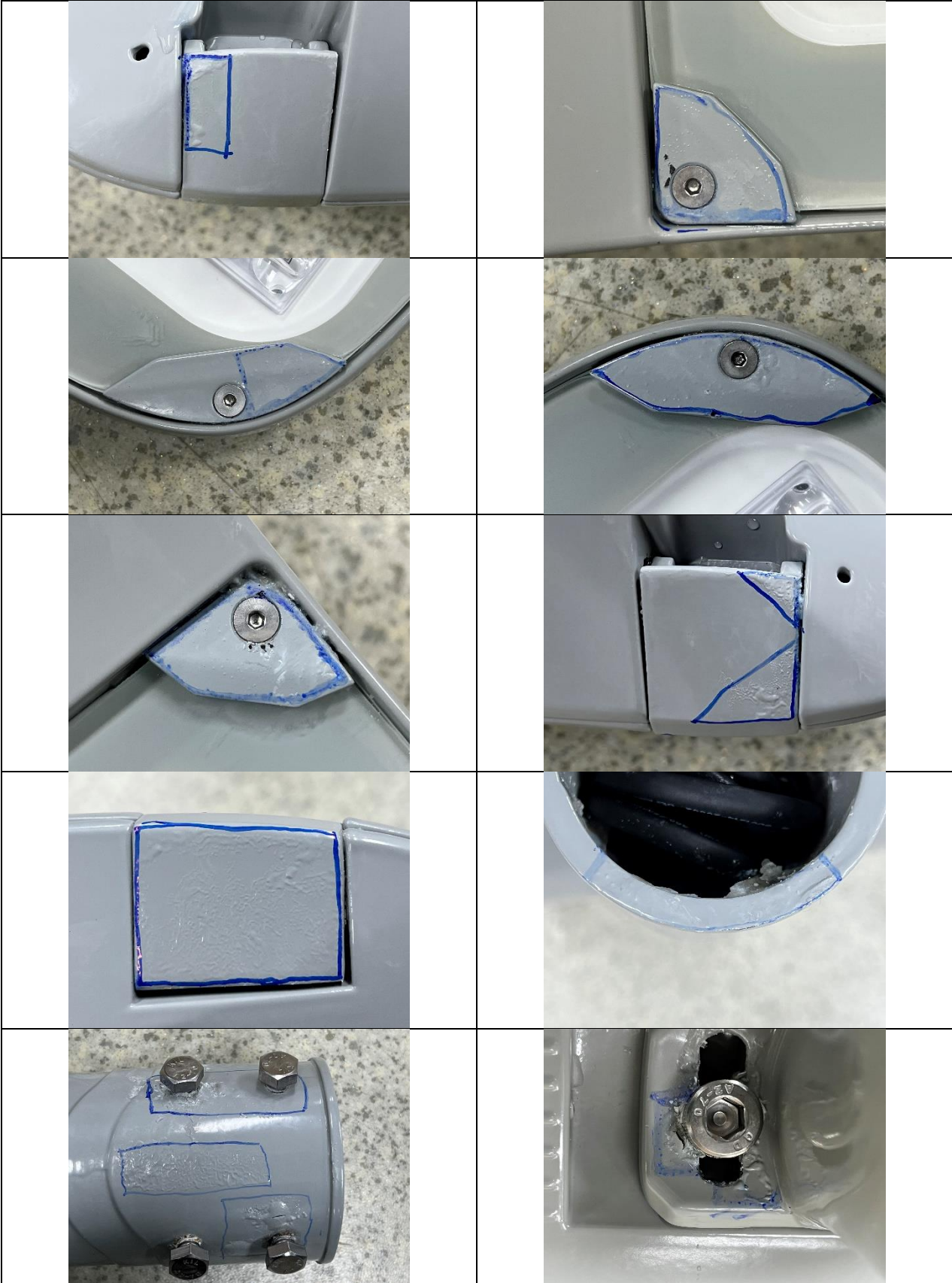


Overall view of AOK-300WiL02-NV-S3-PH-6570-T2-P after 1000 hours salt spray



Rear view of AOK-300WiL02-NV-S3-PH-6570-T2-P after 1000 hours salt spray

Pictures of the Appliances:



Detailed view of AOK-300WiL02-NV-S3-PH-6570-T2-P after 1000 hours salt spray

Pictures of the Appliances:



Overall view of AOK-100WiLA-NV-S5-PH-6570-T2-P



Rear view of AOK-100WiLA-NV-S5-PH-6570-T2-P

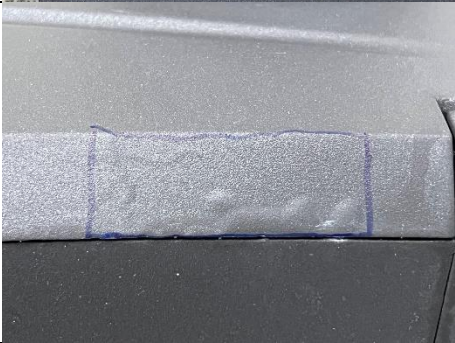
Pictures of the Appliances:

Overall view of AOK-100WiLA-NV-S5-PH-6570-T2-P after 1000 hours salt spray



Rear view of AOK-100WiLA-NV-S5-PH-6570-T2-P after 1000 hours salt spray

Pictures of the Appliances:

Detailed view of AOK-100WiLA-NV-S5-PH-6570-T2-P after 1000 hours salt spray

Attachment 1: Detailed Model List

No.	Model	Power (W)	Dimension (mm)	Remark
1-1	AOK-20WiLA-NV-XX-XX-XXYY-BN-P	20	537*210*88	Length*Width*Height
1-2	AOK-30WiLA-NV-XX-XX-XXYY-BN-P	30	537*210*88	Length*Width*Height
1-3	AOK-40WiLA-NV-XX-XX-XXYY-BN-P	40	537*210*88	Length*Width*Height
1-4	AOK-50WiLA-NV-XX-XX-XXYY-BN-P	50	537*210*88	Length*Width*Height
1-5	AOK-60WiLA-NV-XX-XX-XXYY-BN-P	60	537*210*88	Length*Width*Height
1-6	AOK-70WiLA-NV-XX-XX-XXYY-BN-P	70	537*210*88	Length*Width*Height
1-7	AOK-75WiLA-NV-XX-XX-XXYY-BN-P	75	537*210*88	Length*Width*Height
1-8	AOK-80WiLA-NV-XX-XX-XXYY-BN-P	80	567*228*88	Length*Width*Height
1-9	AOK-90WiLA-NV-XX-XX-XXYY-BN-P	90	567*228*88	Length*Width*Height
1-10	AOK-100WiLA-NV-XX-XX-XXYY-BN-P	100	567*228*88	Length*Width*Height
1-11	AOK-110WiLA-NV-XX-XX-XXYY-BN-P	110	632*259*89	Length*Width*Height
1-12	AOK-120WiLA-NV-XX-XX-XXYY-BN-P	120	632*259*89	Length*Width*Height
1-13	AOK-130WiLA-NV-XX-XX-XXYY-BN-P	130	632*259*89	Length*Width*Height
1-14	AOK-140WiLA-NV-XX-XX-XXYY-BN-P	140	632*259*89	Length*Width*Height
1-15	AOK-150WiLA-NV-XX-XX-XXYY-BN-P	150	632*259*89	Length*Width*Height
1-16	AOK-160WiLA-NV-XX-XX-XXYY-BN-P	160	632*259*89	Length*Width*Height
1-17	AOK-170WiLA-NV-XX-XX-XXYY-BN-P	170	632*259*89	Length*Width*Height
1-18	AOK-180WiLA-NV-XX-XX-XXYY-BN-P	180	632*259*89	Length*Width*Height
2-1	AOK-20WiL02-NV-XX-XX-XXYY-BN-P	20	492*179*119	Length*Width*Height
2-2	AOK-30WiL02-NV-XX-XX-XXYY-BN-P	30	492*179*119	Length*Width*Height
2-3	AOK-40WiL02-NV-XX-XX-XXYY-BN-P	40	492*179*119	Length*Width*Height
2-4	AOK-50WiL02-NV-XX-XX-XXYY-BN-P	50	492*179*119	Length*Width*Height
2-5	AOK-60WiL02-NV-XX-XX-XXYY-BN-P	60	492*179*119	Length*Width*Height
2-6	AOK-80WiL02-NV-XX-XX-XXYY-BN-P	80	646*240*137	Length*Width*Height
2-7	AOK-90WiL02-NV-XX-XX-XXYY-BN-P	90	646*240*137	Length*Width*Height
2-8	AOK-100WiL02-NV-XX-XX-XXYY-BN-P	100	646*240*137	Length*Width*Height
2-9	AOK-120WiL02-NV-XX-XX-XXYY-BN-P	120	646*240*137	Length*Width*Height
2-10	AOK-130WiL02-NV-XX-XX-XXYY-BN-P	130	676*290*137	Length*Width*Height
2-11	AOK-140WiL02-NV-XX-XX-XXYY-BN-P	140	676*290*137	Length*Width*Height
2-12	AOK-150WiL02-NV-XX-XX-XXYY-BN-P	150	676*290*137	Length*Width*Height
2-13	AOK-160WiL02-NV-XX-XX-XXYY-BN-P	160	676*290*137	Length*Width*Height
2-14	AOK-180WiL02-NV-XX-XX-XXYY-BN-P	180	676*290*137	Length*Width*Height
2-15	AOK-200WiL02-NV-XX-XX-XXYY-BN-P	200	756*308*138	Length*Width*Height
2-16	AOK-220WiL02-NV-XX-XX-XXYY-BN-P	220	756*308*138	Length*Width*Height
2-17	AOK-225WiL02-NV-XX-XX-XXYY-BN-P	225	756*308*138	Length*Width*Height
2-18	AOK-230WiL02-NV-XX-XX-XXYY-BN-P	230	756*308*138	Length*Width*Height
2-19	AOK-240WiL02-NV-XX-XX-XXYY-BN-P	240	756*308*138	Length*Width*Height
2-20	AOK-250WiL02-NV-XX-XX-XXYY-BN-P	250	756*308*138	Length*Width*Height
2-21	AOK-275WiL02-NV-XX-XX-XXYY-BN-P	275	756*308*138	Length*Width*Height
2-22	AOK-300WiL02-NV-XX-XX-XXYY-BN-P	300	756*308*138	Length*Width*Height

Description:

The first "XX" can be any letters to denote manufacturer of LED; and can be replaced by S5 to represent Seoul 5050 LED, or S35 to represent Seoul 3535 LED;

The second "XX" denotes dimming control; which can be as followings: 00=No sensor provided, PH=Plug-In photocontrol or NEMA Short-circuit cap provided, DV=dimming function;

The third "XX" can be 27, 30, 40, 50, 57 or 65 to denote colour temperature of LEDs, e.g. 27=2700K, 30=3000K, 40=4000K, 50=5000K, 57=5700K, 65=6500K;

"YY" can be 70, 80 or 90 to denote colour rendering index of LEDs, e.g. 70: CRI: 70, 80: CRI: 80, 90: CRI: 90;

"BN" can be any letter or number to denote beam angles

---End---