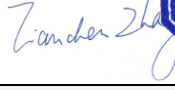


 OD ECS 040-4 ed. February 2020	Test Report issued under the responsibility of: CB TÜV SÜD Product Service GmbH Ridlerstrasse 65, D-80339 München Germany
TEST REPORT ENEC+ Scheme PD EPRS 003 Luminaire Performance – LED Luminaires	
Report Number. : 70.402.26.005.64 Date of issue..... : 2026-05-08 Total number of pages : 18+11	
Name of Testing Laboratory preparing the Report : TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch	
Applicant's name..... : 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, PEOPLE'S REPUBLIC OF CHINA	
Test specification: Standard : PD EPRS 003:2025-04 (based on EN 62722-2-1:2023) Test procedure : ☒ ENEC+ ☐ Other: _____ Non-standard test method : N/A	
Test Report Form No. : EPRS_003c_corr Test Report Form(s) Originator.... : DEKRA Certification B.V. Master TRF..... : Dated 2025-07	
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Test item description	Flood lights (LED Flood Light)		
Trade Mark.....			
Manufacturer	Same as applicant		
Model/Type reference	AOK-240WFLC(L)-NV-L3-BB-4070-BN-P ('BB' stands for whether with Zhaga socket & sealing cap, can be 00 and SN, 00= without Zhaga socket & sealing cap, SN= with Zhaga socket & sealing cap; 'P' stands for internal code, can be A, B, C)		
Ratings	Rated Voltage: 120-277VAC Rated Frequency: 50/60Hz Rated Power: 240W Protection Class: I Degree of Protection: IP66		
ENEC Licence Number (Safety).....	U6 088072 0057 Rev. 00		
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):			
☒	ECS Testing Laboratory:	TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch	
Testing location/ address		No. 1999, Duhui Road, Shanghai, 201108, P. R. China	
Tested by (name, function, signature)		Ms. Wei SUN	
Approved by (name, function, signature) ..		Mr. Tianchen ZHANG	
			
☐	Testing procedure: MTL:		
Testing location/ address			
Tested by (name, function, signature)			
Witnessed by (name, function, signature) ..			
Approved by (name, function, signature) ..			
Supervised by (name, function, signature) :			

List of Attachments (including a total number of pages in each attachment): Attachment 1: Appendix test tables Attachment 2: Goniophotometer test data Attachment 3: Integrating sphere test data Attachment 4: Product photos Attachment 5: List of test equipment used Attachment 6: TEST REPORT OF PD EPRS 002 Luminaire Performance	
Summary of testing:	
Tests performed (name of test and test clause): Cl. 4 Product information Cl. 6 Test conditions Cl. 7 Input power Cl. 8 Photometric performance Cl. 9 Chromaticity, colour temperature and colour rendering Cl. 10.2 Lumen maintenance Cl. 10.3 Endurance tests	Testing location: TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch No. 1999, Duhui Road, Shanghai, 201108, P. R. China
Summary of compliance with National Differences (List of countries addressed): ☒ The product fulfils the requirements of PD EPRS 003:2025-04 (based on EN IEC 62722-2-1:2023)	

Copy of marking plate:

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective CBs that own these marks.

LED Flood Light AOK-240WFLC(L)-NV-L3-00-4070-BN-A 120-277V~ 50/60Hz; 240W CCT: 4000K ta:50°C IP66 IK08    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 Science and Technology Industrial Park, Northside of Xinyu Road, Xiangshan Community, Xinqiao Street Baoan District, 518000 Shenzhen, Guangdong, PEOPLE'S REPUBLIC OF CHINA	
--	--

Main label, sticking on external metal surface.



(Caution, risk of electric shock, the height of the symbol at least 15mm)

Sub-label sticking on glass cover.

Remark:

- The labels for other models are as the above label except that the model number, CCT and rated power are different.
- The height of CE mark at least 5mm, height of WEEE mark at least 7mm, height of letters and numerals at least 2mm, height of other marks at least 5mm.

Test item particulars	LED Flood Light
Classification of installation and use	Fixed for indoor and outdoor use
Supply Connection	Supply cord with or without waterproof terminal block
Protection Class	I
Possible test case verdicts:	
- test case does not apply to the test object : N/A	
- test object does meet the requirement : P (Pass)	
- test object does not meet the requirement : F (Fail)	
Testing	
Date of receipt of test item : 2026-03-04	
Date (s) of performance of tests : 2026-03-04 to 2026-05-08	
General remarks:	
“(See Enclosure #)” refers to additional information appended to the report. “(See appended table)” refers to a table appended to the report. The requirements of EN IEC 62722-1 apply in addition to EN IEC 62722-2-1. The additional requirements for EN IEC 62722-1 shall be reported in the separate TRF for this standard. Clause numbers between brackets refer to clauses in EN IEC 62717 Shaded clauses are not requirements under the scope of PD EPRS003, for information only. Revised Standard of this report at page one from “PD EPRS 003:2025-04 (based on EN 62722-2-1:2023) ” to “PD EPRS 003:2025-04 (based on EN IEC 62722-2-1:2023) ”. Throughout this report a ☐ comma / ☒ point is used as the decimal separator.	
Name and address of factory (ies) : Same as applicant	

General product information and other remarks:						
There are four constructions for all models as below:						
For models BB=00	Construction 1	without Zhaga socket & sealing cap				
For models BB=SN	Construction 2	with Zhaga socket & sealing cap (Top enclosure)				
	Construction 3	with Zhaga socket & sealing cap (Bottom enclosure)				
	Construction 4	with Zhaga socket & sealing cap (Top enclosure and Bottom enclosure)				
Products with Zhaga socket & sealing cap covered by this report are the luminaires up to the socket. Device connected to the socket may affect the compliance of the full system and are not covered by this report. Model list for luminaire:						
Model No.	LED driver		LED type	Size (mm)	Weight (kg)	Max. projected area (m ²)
AOK-240WFLC(L)-NV-L3-BB-4070-BN-P	SS-240NH-V300BHB	SS-240NH-V300F	Lumileds 3030 2D	480*295*58	5.2	0.142
Information of luminaires:						

Model No.	Rated Power (W)	Rated luminous flux (lm)	Correlated Colour temperature (K)	Rated Colour Rendering Index (CRI)	Luminous efficacy (lm/W)
AOK-240WFLC(L)-NV-L3-BB-4070-BN-P	240	33600	4000	70	140

EPRS 003			
Clause	Requirement + Test	Result - Remark	Verdict

4	PRODUCT INFORMATION		P
a	Rated input power (in W)	240W	P
c	Rated luminous flux (in lm)	33600lm	P
g	Rated chromaticity coordinate initial values only. (Maintained values not applicable for PD EPRS 003)	3	P
h	Correlated colour temperature (CCT in K)	4000K	P
i	Rated Colour Rendering Index (CRI)	70	P
j	Ambient performance temperature (t _a) for the luminaire	25°C	P
k	LED luminaire efficacy (lm/W)	140lm/W	P
l	Ageing time (h), if different to 0 h	0h	P

6	TEST CONDITIONS		P
6.1	General test conditions		P
6.2	Luminaires with LED modules in compliance with EN 62717 (Type A)		N/A
6.3	Luminaires with LED modules not in compliance with EN 62717 (Type B)		P
6.3.2	Creation of module families to reduce test effort		N/A
6.4	Performance requirements – Selection of required tests		P

7	TOTAL INPUT POWER		P
	Rated Luminaire Power	240W;	P
	Measured Power	See appendix test table	
(7.1)	The initial power consumed is less than 110% rated power	See appendix test table	P

8	LIGHT OUTPUT		
8.1 (8.1)	Luminous flux	See appendix test table;	P
	Measured luminous flux (lm):.....	33600lm	
	Rated luminous flux (lm):.....		
	The initial luminous flux of a LED luminaire is more than 90% of the rated lumen output	See appendix test table	P
8.2 (8.2)	Luminous distribution, peak, beam		P
8.2.1 (8.2.1)	General		P

EPRS 003			
Clause	Requirement + Test	Result - Remark	Verdict
8.2.2 (8.2.2)	Measurement		P
8.2.3 (8.2.3)	Luminous intensity distribution	Refer to attachment 2: Goniophotometer test data	P
8.2.4 (8.2.4)	Peak intensity value	See appendix test table 1	P
8.2.5 (8.2.5)	Beam angle value	See appendix test table 1	P
8.3	Luminaire luminous efficacy calculated efficacy (lm/W).....:	140lm/W	P

9	CHROMATICITY CO-ORDINATES, CORRELATED COLOUR TEMPERATURE (CCT) AND COLOUR RENDERING		
9.1 (9.1)	Chromaticity co-ordinates Initial chromaticity co-ordinates only (Maintained values not applicable for PD EPRS 003)	See appendix test table 1	P
9.2 (9.2)	Correlated colour temperature (CCT) Initial correlated colour temperature only (Maintained values not applicable for PD EPRS 003)	See appendix test table 1	P
9.3 (9.3)	Colour rendering index (CRI) Initial colour rendering index only (CRI)	See appendix test table 1	P

10	LED LUMINAIRE LIFE		P
10.1 (10.1)	General Note: No requirement, information only		P
10.3	Endurance tests		P
(10.3.1)	General		P
(10.3.2)	Temperature cycling test	Refer to appendix table 2	P
	Option chosen: 10K/min or 1K/min..... :	<u>1</u> K/min	P
(10.3.3)	Supply switching test	Refer to appendix table 3	P
	Number of cycles performed.....:	<u>50000</u> cycles	P
(10.3.4)	Accelerated operation life test Note: this test of IEC 62717 is modified by PD EPRS 001	Refer to appendix table 4	P

11	VERIFICATION		P
	Note: Not applicable. The directions of PD EPRS 003 are to be followed		N/A

EPRS 003			
Clause	Requirement + Test	Result - Remark	Verdict

TABLE: Critical components information					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
LED driver	Shenzhen Sosen Electronics Co., Ltd.	SS-240NH-V300BHB	Input: 100-277VAC; 50/60Hz; Max.2.9A; Output: 180-300VDC; 0.3-1.2A; U _{out} :350VDC; P _{rated} :240W; ta: 50°C(100-200V), 60°C(200-277V); tc: 90°C; CC; Built-in; Auto-wound	IEC/EN 61347-1 IEC/EN 61347-2-13	TÜV SÜD (ENEC) U6 083805 0266*
LED driver	Shenzhen Sosen Electronics Co., Ltd.	SS-240NH-V300F	Input: 100-277VAC; 50/60Hz; Max.2.9A; Output: 180-300VDC; 0.3-1.2A; U _{out} :370VDC; P _{rated} :240W; ta: 50°C(100-200V), 60°C(200-277V); tc: 90°C; CC; Built-in; Auto-wound	IEC/EN 61347-1 IEC/EN 61347-2-13	TÜV SÜD (ENEC) U6 083805 0250*
LED (Lumileds 3030 2D)	LUMILEDS	L130-AABB003000C2D	V _F : 5.8-6.6V; I _F : Max.240mA; CCT: 2700-6500K	IEC/EN IEC 62471-7	Tested with appliance#
LED lens	IDEMITSU KOSAN CO LTD	LEV2200KL(f1)	PC; HB; 125°C	UL 94 + IEC/EN 60598-2-5 IEC/EN IEC 60598-1	UL E48268*+ Tested with appliance#
Alt.	Formosa Idemitsu Petrochemical Corp	LEV2200KL(f1)	PC; HB; 125°C	UL 94 + IEC/EN 60598-2-5 IEC/EN IEC 60598-1	UL E238753*+ Tested with appliance#
Reflector	TEIJIN POLYCARBONATE CHINA LTD	L-1250(##)(f2)(r2)	PC; V-2; 115°C	UL 94 + IEC/EN 60598-2-5 IEC/EN IEC 60598-1	UL E245526*+ Tested with appliance#
Glass cover	AOK Industrial company Ltd.	Glass	T=4mm/ 5mm; -40°C to 250°C; ΔT: 150°C	IEC/EN 60598-2-5 IEC/EN IEC 60598-1	Tested with appliance#
Supplementary information:					

EPRS 003			
Clause	Requirement + Test	Result - Remark	Verdict
¹⁾ Provided evidence ensures the agreed level of compliance. See OD ECS 028.			

Attachment 1: Appendix test tables

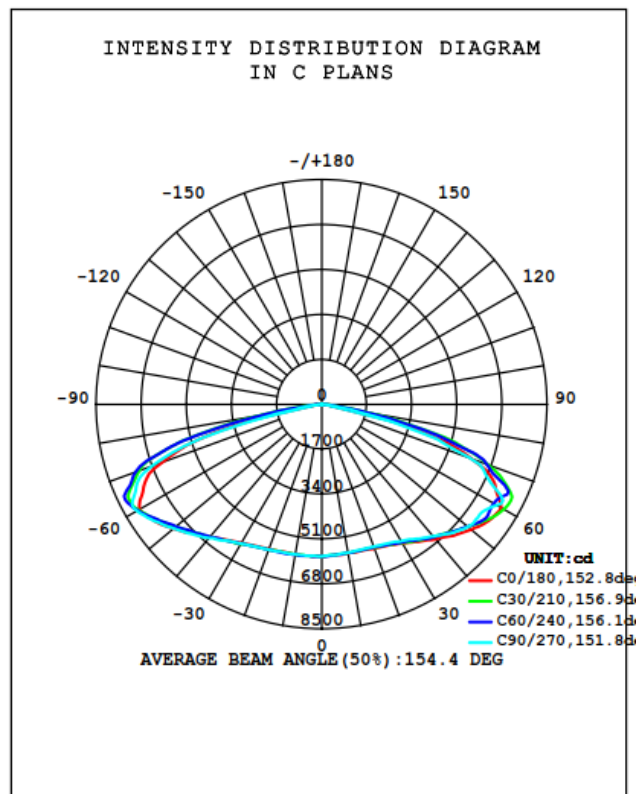
Appendix table 1-1		Lifetime test		
Model	AOK-240WFLC(L)-NV-L3-00-4070-BN-A	--	--	--
Measured lifetime (h)	1000	--	--	--
Input voltage (V)	230	--	--	--
Input current (A)	1.039	--	--	--
Input power (W)	236.0	--	--	--
PF	0.9871	--	--	--
Initial luminous flux (lm)	33625	--	--	--
Luminous efficacy (lm/W)	142.4	--	--	--
x	0.3794	--	--	--
y	0.3763	--	--	--
Luminous flux@1000h (lm)	33356	--	--	--
Lumen maintenance@1000 h	99.20%	--	--	--
CCT (K)	4026	--	--	--
Ra	74	--	--	--
SDCM	1.7	--	--	--
Maintained Ra @1000h	74	--	--	--
Maintained SDCM @1000h	1.8	--	--	--
Beam angle (°)	154.4	--	--	--
Peak intensity (cd)	8034	--	--	--
Remark: N/A				

Appendix table 2-1		Temperature cycling test		
Model	AOK-240WFLC(L)-NV-L3-00-4070-BN-A	--	--	--
Temperature ramping	1K/min			
Input voltage (V)	230	--	--	--
Input current (A)	1.046	--	--	--
Input power (W)	236.3	--	--	--
Initial luminous flux (lm)	33644	--	--	--
Lumen after the test	33176	--	--	--
Lumen maintenance after the test	98.61%	--	--	--
Remark: N/A				

Appendix table 3-1		Switching cycle test		
Model	AOK-240WFLC(L)-NV-L3-00-4070-BN-A	--	--	--
Measured switching cycles	50000	--	--	--
Input voltage (V)	230	--	--	--
Input current (A)	1.05	--	--	--
Input power (W)	237.0	--	--	--
Initial luminous flux (lm)	33690	--	--	--
Lumen after the test	33356	--	--	--
Lumen maintenance after the test	99.01%	--	--	--
Remark: N/A				

Appendix table 4-1	Accelerated operation life test			
Model	AOK-240WFLC(L)-NV-L3-00-4070-BN-A	--	--	--
Input voltage (V)	230	--	--	--
Input current (A)	1.036	--	--	--
Input power (W)	235.3	--	--	--
Initial luminous flux (lm)	33628	--	--	--
Lumen after the test	33227	--	--	--
Lumen maintenance after the test	98.81%	--	--	--
Remark: N/A				

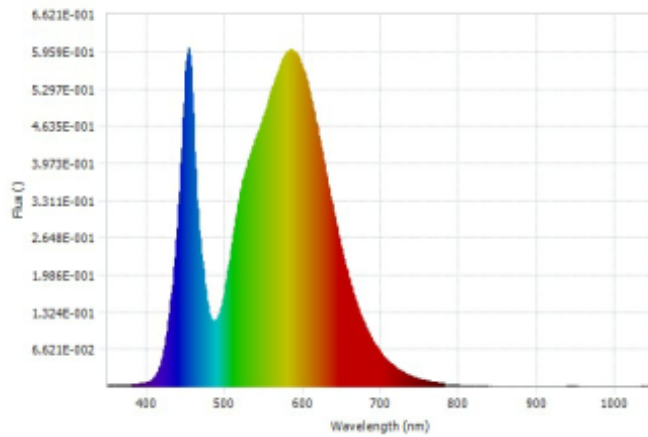
Attachment 2: Goniophotometric data



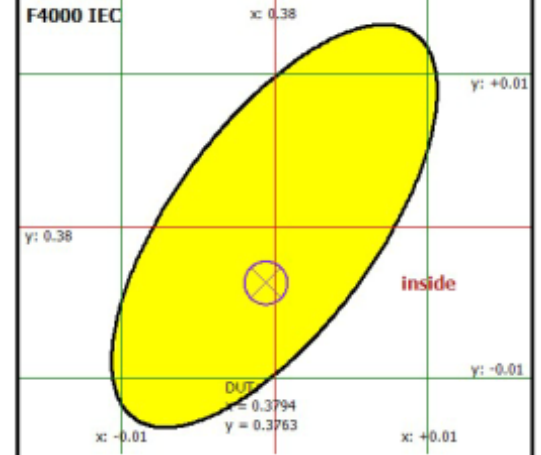
y	C0	C45	C90	C135	C180	C225	C270	C315	y	Φ zone	Φ total	%lum, lamp
10	5726	5715	5706	5725	5762	5776	5772	5778	0- 10	548.2	548.2	1.63, 1.63
20	5800	5762	5743	5737	5825	5850	5856	5868	10- 20	1634	2182	6.49, 6.49
30	6080	6049	5977	5917	6051	6099	6079	6164	20- 30	2737	4919	14.6, 14.6
40	6663	6549	6530	6342	6551	6537	6600	6628	30- 40	3950	8869	26.4, 26.4
50	7375	7173	7212	6994	7317	7123	7307	7224	40- 50	5328	14197	42.2, 42.2
60	7812	7919	7633	7842	7933	7999	8049	8050	50- 60	6785	20982	62.4, 62.4
70	6001	7205	5897	7148	6397	7775	6813	7603	60- 70	7532	28514	84.8, 84.8
80	810.1	1820	801.5	1954	1115	2324	769.9	2151	70- 80	4656	33170	98.6, 98.6
90	14.72	26.38	26.12	30.21	12.11	18.73	7.329	17.12	80- 90	391.8	33562	99.8, 99.8
100	9.723	16.75	16.79	19.63	7.581	5.546	4.774	3.901	90-100	15.47	33578	99.9, 99.9
110	10.40	14.12	14.61	18.19	6.359	5.756	6.121	5.661	100-110	10.83	33588	99.9, 99.9
120	9.634	11.89	13.71	16.97	6.208	5.720	7.703	6.838	110-120	9.975	33598	99.9, 99.9
130	8.995	10.37	12.22	14.29	6.133	5.606	7.226	7.028	120-130	8.466	33607	99.9, 99.9
140	8.540	9.346	10.94	11.37	5.615	4.987	6.588	6.680	130-140	6.597	33613	100, 100
150	8.180	9.032	9.765	10.41	3.842	4.186	5.354	5.914	140-150	4.828	33618	100, 100
160	7.879	9.073	8.720	9.232	8.006	7.399	8.068	9.429	150-160	3.784	33622	100, 100
170	8.426	8.950	8.469	9.247	9.784	9.554	10.03	11.76	160-170	2.627	33625	100, 100
180	8.427	8.619	8.873	10.46	10.25	10.47	10.26	12.56	170-180	0.9802	33626	100, 100
DEG	LUMINOUS INTENSITY: cd									UNIT: lm		

Attachment 3: Integrating sphere photometric test data of lifetime test

Spectral Flux Graph



Chromaticity Diagram

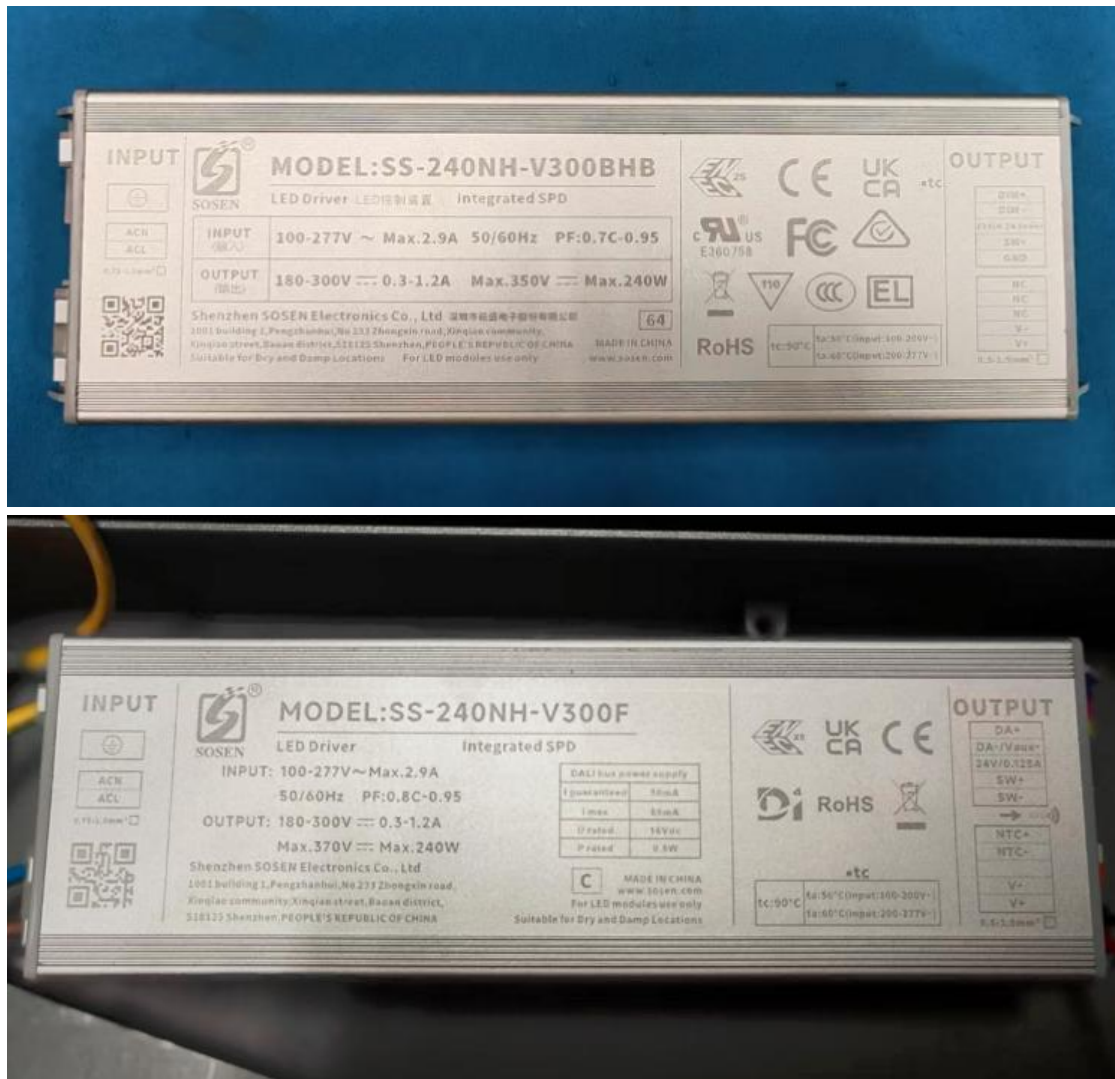


Spectral Result

Radiant Flux Φ	96.4254 (W)	Luminous Flux $\Phi(v)$	32926.7 (lm)
$\Phi(v')$	51908.32 (lm')	Chrom x	0.3794
Chrom y	0.3763	Chrom u	0.2246
Chrom v	0.3342	Duv	0.0002
Chrom u'	0.2246	Chrom v'	0.5012
λ (peak)	453.3423 (nm)	λ (center)	452.8068 (nm)
λ (centroid)	560.6701 (nm)	λ (dom)	578.9 (nm)
FWHM	25.7287 (nm)	Purity	26.8 (%)
CCT	4026 (K)	Luminous Efficacy η	N/A (lm/W)
SDCM/Step	1.7 F4000 IEC	PPF:	437.6
YPF:	387.5	Ra	74
R1	71	R2	82
R3	90	R4	71
R5	71	R6	74
R7	82	R8	52
R9	-27	R10	57
R11	66	R12	47
R13	73	R14	94
R15	64	Rf	76
Rg	93	Rcs_h1	-17%
DUT Current	N/A (A)	DUT Voltage	N/A (V)
DUT PF	N/A	DUT Power	N/A (W)
DUT Freq	N/A (Hz)	DUT THD(I)	N/A (%)
DUT THD(V)	N/A	DUT CF:	N/A
DUT Comments:	N/A	Date/Time	2026-03-09

Attachment 4: Product photos:

Attachment 4: Product photos:

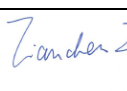


Attachment 5: List of test equipment used:

No.	Type	Manufacture	Model	Equipment ID	Next Calibration
1	Digital Power Meter	YOKOGAVA	WT310E-C2-H/G5	S18101184-YQ	2026-05-12
2	High Accuracy Array Spectroradio Meter	Everfine	HAAS-2000_VIR3510	S18121240-YQ	2026-05-13
3	Standard Light Source	Everfine	D204	S1207715e-YQ	2026-05-19
4	Thermometer	Fluke (USA)	Fluke 52-II	S0712415-YQ	2026-05-19
5	Walk-in High-temperature Chamber	Hui Fengyuan	8.4m2	S16111037-YQ	2026-05-20
6	Climate Chamber/Humidity Cabinet	Espec	EL-04KA	S1210708-YQ	2026-05-20
7	Climate Chamber/Humidity Cabinet	GWS	EL-04KA	S1402834-YQ	2026-05-20
8	Climate Chamber/Humidity Cabinet	GWS	EL-04KA	S1402835-YQ	2026-05-20
9	Full-field Speed Goniophotometer	Everfine	GO-R5000	S1207714-YQ	2026-05-13
10	High-accuracy Intelligent Photometer Head	Everfine	ID-1000_P-B/ID-1000_P-C	S1207714a-YQ	2026-05-13
11	High-accuracy Digital Photometer Head	Everfine	ID-1000_P-B/ID-1000_P-C	S1207714b-YQ	2026-05-13
12	High Accuracy Array Spectroradio Meter	Everfine	HAAS-2000	S1207714c-YQ	2026-05-13
13	Standard Light Source	Everfine	D908	S1207714d-YQ	2026-05-20
14	Digital Power Meter	Everfine	PF2010	S1207714e-YQ	2026-05-11
15	Intelligent AC Power Source	Everfine	DPS1060	S1207714g-YQ	2026-05-13
16	Programmable DC Power Supply	Maynuo	M8874	S25041435-YQ	2026-05-12

--END OF REPORT--

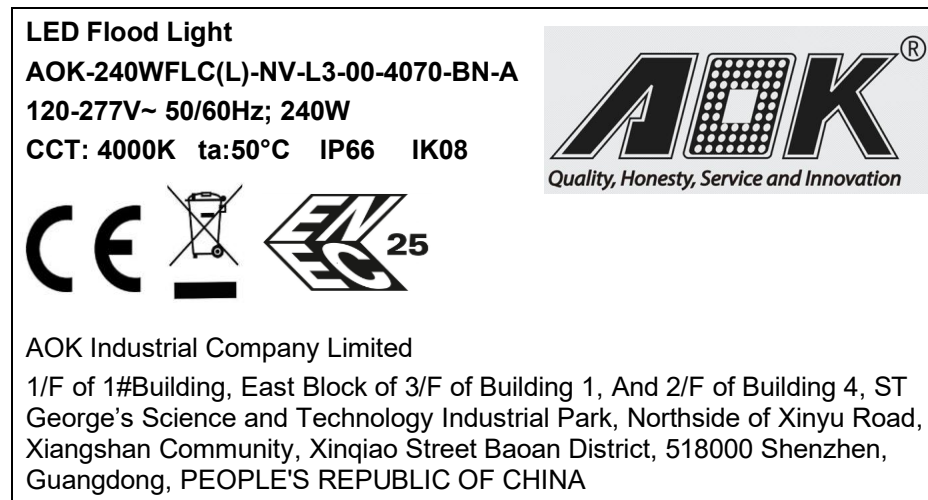
 OD ECS 040-4 ed. February 2020	Test Report issued under the responsibility of: CB TÜV SÜD Product Service GmbH Ridlerstrasse 65, D-80339 München Germany
TEST REPORT PD EPRS 002 Luminaire Performance – General	
Report Number. : 70.402.26.005.64 Date of issue. : 2026-05-08 Total number of pages 11	
Name of Testing Laboratory preparing the Report : TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch	
Applicant's name : 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, PEOPLE'S REPUBLIC OF CHINA	
Test specification: Standard : PD EPRS 002:2025-04 (based on EN 62722-1:2022) Test procedure : ☒ ENEC+ ☐ Other: _____ Non-standard test method : N/A	
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Test item description	Flood lights (LED Flood Light)		
Trademark			
Manufacturer	Same as applicant		
Model/Type reference	AOK-240WFLC(L)-NV-L3-BB-4070-BN-P ('BB' stands for whether with Zhaga socket & sealing cap, can be 00 and SN, 00= without Zhaga socket & sealing cap, SN= with Zhaga socket & sealing cap; 'P' stands for internal code, can be A, B, C)		
Ratings	Rated Voltage: 120-277VAC Rated Frequency: 50/60Hz Rated Power: 240W Protection Class: I Degree of Protection: IP66		
ENEC Licence Number (Safety).....	U6 088072 0057 Rev. 00		
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):			
☒	ECS Testing Laboratory:	TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch	
Testing location/ address		No. 1999, Duhui Road, Shanghai, 201100, P. R. China	
Tested by (name, function, signature)		Ms. Wei SUN	
Approved by (name, function, signature) ..		Mr. Tianchen ZHANG	
☐	Testing procedure: MPL:		
Testing location/ address			
Tested by (name, function, signature)			
Witnessed by (name, function, signature) ..			
Approved by (name, function, signature) ..			
Supervised by (name, function, signature) :			

List of Attachments (including a total number of pages in each attachment): N/A	
Summary of testing:	
Tests performed (name of test and test clause): Cl. 4 General requirements Cl. 6 Photometric Data Cl. 7 Electrical Data Cl. 8 Luminaire Efficacy Data	Testing location: TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch No. 1999, Duhui Road, Shanghai, 201108, P. R. China
Summary of compliance with National Differences (List of countries addressed): ☒ The product fulfils the requirements of PD EPRS 002:2025-04 (based on EN IEC 62722-1: 2022)	

Copy of marking plate:

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective CBs that own these marks.



Main label, sticking on external metal surface.



(Caution, risk of electric shock, the height of the symbol at least 15mm)

Sub-label sticking on glass cover.

Remark:

- The labels for other models are as the above label except that the model number, CCT and rated power are different.
- The height of CE mark at least 5mm, height of WEEE mark at least 7mm, height of letters and numerals at least 2mm, height of other marks at least 5mm.

Test item particulars	: LED Flood Light
Classification of installation and use	: Fixed for indoor and outdoor use
Supply Connection	: Supply cord with or without waterproof terminal block
Protection Class	: I
Possible test case verdicts:	
- test case does not apply to the test object	: N/A
- test object does meet the requirement	: P (Pass)
- test object does not meet the requirement	: F (Fail)
Testing	:
Date of receipt of test item	: 2026-03-04
Date (s) of performance of tests	: 2026-03-04 to 2026-05-08
General remarks:	
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report. Revised Standard of this report at page one from "PD EPRS 003:2025-04 (based on EN 62722-1:2022) " to "PD EPRS 003:2025-04 (based on EN IEC 62722-1:2022) " Throughout this report a ☐ comma / ☒ point is used as the decimal separator.	
Name and address of factory (ies)	: Same as applicant

General product information and other remarks:																				
There are four constructions for all models as below:																				
For models BB=00	Construction 1	without Zhaga socket & sealing cap																		
For models BB=SN	Construction 2	with Zhaga socket & sealing cap (Top enclosure)																		
	Construction 3	with Zhaga socket & sealing cap (Bottom enclosure)																		
	Construction 4	with Zhaga socket & sealing cap (Top enclosure and Bottom enclosure)																		
Products with Zhaga socket & sealing cap covered by this report are the luminaires up to the socket. Device connected to the socket may affect the compliance of the full system and are not covered by this report. Model list for luminaire: <table border="1"> <thead> <tr> <th>Model No.</th> <th colspan="2">LED driver</th> <th>LED type</th> <th>Size (mm)</th> <th>Weight (kg)</th> <th>Max. projected area (m²)</th> </tr> </thead> <tbody> <tr> <td>AOK-240WFLC(L)-NV-L3-BB-4070-BN-P</td> <td>SS-240NH-V300BHB</td> <td>SS-240NH-V300F</td> <td>Lumileds 3030 2D</td> <td>480*295*58</td> <td>5.2</td> <td>0.142</td> </tr> </tbody> </table>							Model No.	LED driver		LED type	Size (mm)	Weight (kg)	Max. projected area (m ²)	AOK-240WFLC(L)-NV-L3-BB-4070-BN-P	SS-240NH-V300BHB	SS-240NH-V300F	Lumileds 3030 2D	480*295*58	5.2	0.142
Model No.	LED driver		LED type	Size (mm)	Weight (kg)	Max. projected area (m ²)														
AOK-240WFLC(L)-NV-L3-BB-4070-BN-P	SS-240NH-V300BHB	SS-240NH-V300F	Lumileds 3030 2D	480*295*58	5.2	0.142														
Information of luminaires:																				

Attachment 6

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Model No.	Rated Power (W)	Rated luminous flux (lm)	Correlated Colour temperature (K)	Rated Colour Rendering Index (CRI)	Luminous efficacy (lm/W)
AOK-240WFLC(L)-NV-L3-BB-4070-BN-P	240	33600	4000	70	140

EPRS 002			
Clause	Requirement + Test	Result - Remark	Verdict
4	GENERAL REQUIREMENTS		P
4.1	Conformity to EN60598-2 series	See test report 64.142.26.50116.01	P
4.2	Additional Part 2 section applicable	See test report 70.402.26.005.64	P
4.3	Provision of performance data		P
5	LIGHT SOURCES & COMPONENTS		P
	Conformity to IEC performance standards	(See table 5)	P
6	PHOTOMETRIC DATA		P
	Data available for all range variations		P
	Photometric file format and content (See Annex A - Normative)	Refer to attachment 2	P
	Measured LOR (if applicable) and variation to declared value	Declared value: Measured value:	N/A
	Total luminous flux (if applicable)	Refer to attachment 1	P
	Measured photometric distribution and comparison to declared data		P
7	ELECTRICAL DATA		P
a)	Rated supply voltage (V)		P
b)	Rated input power (W)	(See appended table 7 a)	P
c)	Rated parasitic power (W)	(See appended table 7 b)	N/A
d)	Rated emergency lighting charging power (W)	(See appended table 7 c)	N/A
8	LUMINAIRE EFFICACY DATA		P
	Efficacy data (where declared):	Refer to attachment 1	P

EPRS 002					
Clause	Requirement + Test			Result - Remark	Verdict
7 a)	TABLE: Power Input Deviation				P
Input deviation of/at:	P rated (W)	P measured (W)	ΔP	Required ΔP (%)	Remark
AOK-240WFLC(L)-NV-L3-00-4070-BN-A	240W	236W	-1.67%	+10%	P
Supplementary information: --					

7.b)	TABLE: Parasitic power Deviation				N/A
Input deviation of/at:	P rated (W)	P measured (W)	ΔP	Required ΔP (%)	Remark
Supplementary information: --					

7.c)	TABLE: Emergency lighting charging power				N/A
Input deviation of/at:	P rated (W)	P measured (W)	ΔP	Required ΔP (%)	Remark
Supplementary information: --					

EPRS 002			
Clause	Requirement + Test	Result - Remark	Verdict

TABLE: Critical components information					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
LED driver	Shenzhen Sosen Electronics Co., Ltd.	SS-240NH-V300BHB	Input: 100-277VAC; 50/60Hz; Max.2.9A; Output: 180-300VDC; 0.3-1.2A; U _{out} :350VDC; P _{rated} :240W; ta: 50°C(100-200V), 60°C(200-277V); tc: 90°C; CC; Built-in; Auto-wound	IEC/EN 61347-1 IEC/EN 61347-2-13	TÜV SÜD (ENEC) U6 083805 0266*
LED driver	Shenzhen Sosen Electronics Co., Ltd.	SS-240NH-V300F	Input: 100-277VAC; 50/60Hz; Max.2.9A; Output: 180-300VDC; 0.3-1.2A; U _{out} :370VDC; P _{rated} :240W ta: 50°C(100-200V), 60°C(200-277V); tc: 90°C; CC; Built-in; Auto-wound	IEC/EN 61347-1 IEC/EN 61347-2-13	TÜV SÜD (ENEC) U6 083805 0250*
LED (Lumileds 3030 2D)	LUMILEDS	L130-AABB003000C2D	V _F : 5.8-6.6V; I _F : Max.240mA; CCT: 2700-6500K	IEC/EN IEC 62471-7	Tested with appliance#
LED lens	IDEMITSU KOSAN CO LTD	LEV2200KL(f1)	PC; HB; 125°C	UL 94 + IEC/EN 60598-2-5 IEC/EN IEC 60598-1	UL E48268*+ Tested with appliance#
Alt.	Formosa Idemitsu Petrochemical Corp	LEV2200KL(f1)	PC; HB; 125°C	UL 94 + IEC/EN 60598-2-5 IEC/EN IEC 60598-1	UL E238753*+ Tested with appliance#
Reflector	TEIJIN POLYCARBONATE CHINA LTD	L-1250(##)(f2)(r2)	PC; V-2; 115°C	UL 94 + IEC/EN 60598-2-5 IEC/EN IEC 60598-1	UL E245526*+ Tested with appliance#
Glass cover	AOK Industrial company Ltd.	Glass	T=4mm/ 5mm; -40°C to 250°C; ΔT: 150°C	IEC/EN 60598-2-5 IEC/EN IEC 60598-1	Tested with appliance#

Attachment 6

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EPRS 002			
Clause	Requirement + Test	Result - Remark	Verdict

Supplementary information:

¹⁾ Provided evidence ensures the agreed level of compliance. See OD ECS 028.

EPRS 002			
Clause	Requirement + Test	Result - Remark	Verdict

List of test equipment used:

No.	Type	Manufacture	Model	Equipment ID	Next Calibration
1	Digital Power Meter	YOKOGAVA	WT310E-C2-H/G5	S18101184-YQ	2026-05-08
2	High Accuracy Array Spectroradio Meter	Everfine	HAAS-2000_VIR3510	S18121240-YQ	2026-05-13
3	Standard Light Source	Everfine	D204	S1207715e-YQ	2026-05-19
4	Thermometer	Fluke (USA)	Fluke 52-II	S0712415-YQ	2026-05-19
5	Walk-in High-temperature Chamber	Hui Fengyuan	8.4m2	S16111037-YQ	2026-05-20
6	Climate Chamber/Humidity Cabinet	Espec	EL-04KA	S1210708-YQ	2026-05-20
7	Climate Chamber/Humidity Cabinet	GWS	EL-04KA	S1402834-YQ	2026-05-20
8	Climate Chamber/Humidity Cabinet	GWS	EL-04KA	S1402835-YQ	2026-05-20
9	Full-field Speed Goniophotometer	Everfine	GO-R5000	S1207714-YQ	2026-05-13
10	High-accuracy Intelligent Photometer Head	Everfine	ID-1000_P-B/ID-1000_P-C	S1207714a-YQ	2026-05-13
11	High-accuracy Digital Photometer Head	Everfine	ID-1000_P-B/ID-1000_P-C	S1207714b-YQ	2026-05-13
12	High Accuracy Array Spectroradio Meter	Everfine	HAAS-2000	S1207714c-YQ	2026-05-13
13	Standard Light Source	Everfine	D908	S1207714d-YQ	2026-05-20
14	Digital Power Meter	Everfine	PF2010	S1207714e-YQ	2026-05-11
15	Intelligent AC Power Source	Everfine	DPS1060	S1207714g-YQ	2026-05-13
16	Programmable DC Power Supply	Maynuo	M8874	S25041435-YQ	2026-05-08

--END OF REPORT--