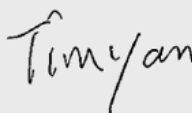


Test report No: 4954471.50

TEST REPORT

Electromagnetic Compatibility (EMC)

Identification of item tested	LED Luminaire
Trademark	 Quality, Honesty, Service and Innovation
Model and /or type reference	See model list below table
Features	220-240 Vac, 50/60 Hz, Max. 600W
Derived model(s)	N/A
Applicant's name / address	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, China
Test method requested, standard	EN IEC 55015: 2019+A11: 2020; EN IEC 61547: 2023; EN IEC 61000-3-2: 2019+A1: 2021+A2: 2024; EN 61000-3-3: 2013+A1: 2019+A2: 2021+AC: 2022-01;
Verdict Summary	IN COMPLIANCE
Tested by (name & signature)	 Kerma Kuang
Approved by (name & signature)	 Tim Yan
Date of issue	2026-06-22
Report template No	TRF_EMC 2017-01-14

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GENERAL CONDITIONS

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.
5. This report will not be used for social proof function in China market

UNCERTAINTY

For all measurements where guidance for the calculation of the instrumentation uncertainty of a measurement is specified in EN 55016-4-2 (CISPR 16-4-2), EN/IEC 61000-4 series or a product standard, the measurement instrumentation uncertainty has been calculated and applied in accordance with these standards.

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%. Refer to the Annex 1 for further information.

ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

Ambient temperature	15 °C – 35 °C
Relative Humidity air	30% - 80%
Atmospheric pressure	86 kPa – 106 kPa

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

POSSIBLE TEST CASE VERDICTS

Test case does not apply to test object	N/A
Test object does meet requirement	P (Pass) / PASS
Test object does not meet requirement	F (Fail) / FAIL
Not measured	N/M

DEFINITION OF SYMBOLS USED IN THIS TEST REPORT

☒ Indicates that the listed condition, standard or equipment is applicable for this report/test/EUT.			
☐ Indicates that the listed condition, standard or equipment is not applicable for this report/test/EUT.			
Decimal separator used in this report	☐	Comma (,)	☒ Point (.)

ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

EUT	: Equipment Under Test
QP	: Quasi-Peak
CAV	: CISPR Average
AV	: Average
CDN	: Coupling Decoupling Network
SAC	: Semi-Anechoic Chamber
OATS	: Open Area Test Site
BW	: Bandwidth
AM	: Amplitude Modulation
PM	: Pulse Modulation
HCP	: Horizontal Coupling Plane
VCP	: Vertical Coupling Plane
U_N	: Nominal voltage

DOCUMENT HISTORY

Report nr.	Date	Description
4954471.50	2026-06-22	First Release

REMARKS AND COMMENTS

The equipment under test (EUT) meet the requirements of the stated standards.

This report shall be used in conjunction with report 4942461.50. It's issued due to the multiple listing of the new applicant, manufacturer, model name and trade name.

New Applicant

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, China

New 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 Science and Technology Industrial Park, Northside of Xinyu Road, Xiangshan Community, Xinqiao Street Baoan District, 518000 Shenzhen, Guangdong, China

New Model Name

AOK-250WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-260WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-270WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-280WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-290WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-300WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-310WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-320WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-330WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-340WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-350WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-360WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-370WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-380WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-390WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-400WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-410WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-420WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-430WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-440WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-450WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-460WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-470WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-480WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-490WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-500WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-510WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-520WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-530WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-540WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-550WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-560WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-570WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-580WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-590WHMA-NV-ZZ-DD-XXYY-BN-P
 AOK-600WHMA-NV-ZZ-DD-XXYY-BN-P

New trade mark



1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Description of the item	LED Luminaire
Trademark.....	 Quality, Honesty, Service and Innovation
Model / Type number.....	See model list below table
Ratings.....	220-240 Vac, 50/60 Hz, Max. 600W
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 Science and Technology Industrial Park, Northside of Xinyu Road, Xiangshan Community, Xinqiao Street Baoan District, 518000 Shenzhen, Guangdong, China
Factory	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, China

Rated power supply	Voltage and Frequency		Reference poles				
			L1	L2	L3	N	PE
	☒	AC: 220-240 V, 50 - 60 Hz	☒	☐	☐	☒	☒
	☐	DC: 12/24 V					
	☐	Battery:					
Clock frequencies	≤ 15 MHz						
Mounting position.....	☐	Table top equipment					
	☒	Wall/Ceiling mounted equipment					
	☐	Floor standing equipment					
	☐	Hand-held equipment					
	☐	Other:					

Intended use of the Equipment Under Test (EUT)

The apparatus as supplied for the test is LED Luminaire which intended for residential use, the product contains electronic control circuitry and with earth connection but no component susceptible to magnetic fields.

Model List:

No.	Model	Power(W)	LED driver
1	AOK-250WHMA-NV-ZZ-DD-XXYY-BN-P	250	SS-320NH-V300BHB
2	AOK-260WHMA-NV-ZZ-DD-XXYY-BN-P	260	
3	AOK-270WHMA-NV-ZZ-DD-XXYY-BN-P	270	
4	AOK-280WHMA-NV-ZZ-DD-XXYY-BN-P	280	
5	AOK-290WHMA-NV-ZZ-DD-XXYY-BN-P	290	
6	AOK-300WHMA-NV-ZZ-DD-XXYY-BN-P	300	
7	AOK-310WHMA-NV-ZZ-DD-XXYY-BN-P	310	
8	AOK-320WHMA-NV-ZZ-DD-XXYY-BN-P	320	
9	AOK-330WHMA-NV-ZZ-DD-XXYY-BN-P	330	SS-200NH-V300BHB*2pcs
10	AOK-340WHMA-NV-ZZ-DD-XXYY-BN-P	340	
11	AOK-350WHMA-NV-ZZ-DD-XXYY-BN-P	350	
12	AOK-360WHMA-NV-ZZ-DD-XXYY-BN-P	360	
13	AOK-370WHMA-NV-ZZ-DD-XXYY-BN-P	370	
14	AOK-380WHMA-NV-ZZ-DD-XXYY-BN-P	380	
15	AOK-390WHMA-NV-ZZ-DD-XXYY-BN-P	390	SS-200NH-V300BHB*2pcs, SS-240NH-V300BHB*2pcs
16	AOK-400WHMA-NV-ZZ-DD-XXYY-BN-P	400	
17	AOK-410WHMA-NV-ZZ-DD-XXYY-BN-P	410	SS-240NH-V300BHB*2pcs
18	AOK-420WHMA-NV-ZZ-DD-XXYY-BN-P	420	
19	AOK-430WHMA-NV-ZZ-DD-XXYY-BN-P	430	
20	AOK-440WHMA-NV-ZZ-DD-XXYY-BN-P	440	
21	AOK-450WHMA-NV-ZZ-DD-XXYY-BN-P	450	
22	AOK-460WHMA-NV-ZZ-DD-XXYY-BN-P	460	
23	AOK-470WHMA-NV-ZZ-DD-XXYY-BN-P	470	
24	AOK-480WHMA-NV-ZZ-DD-XXYY-BN-P	480	
25	AOK-490WHMA-NV-ZZ-DD-XXYY-BN-P	490	SS-320NH-V300BHB*2pcs
26	AOK-500WHMA-NV-ZZ-DD-XXYY-BN-P	500	
27	AOK-510WHMA-NV-ZZ-DD-XXYY-BN-P	510	
28	AOK-520WHMA-NV-ZZ-DD-XXYY-BN-P	520	
29	AOK-530WHMA-NV-ZZ-DD-XXYY-BN-P	530	
30	AOK-540WHMA-NV-ZZ-DD-XXYY-BN-P	540	
31	AOK-550WHMA-NV-ZZ-DD-XXYY-BN-P	550	
32	AOK-560WHMA-NV-ZZ-DD-XXYY-BN-P	560	
33	AOK-570WHMA-NV-ZZ-DD-XXYY-BN-P	570	
34	AOK-580WHMA-NV-ZZ-DD-XXYY-BN-P	580	
35	AOK-590WHMA-NV-ZZ-DD-XXYY-BN-P	590	
36	AOK-600WHMA-NV-ZZ-DD-XXYY-BN-P	600	

Description: ZZ = Can be any letter to denote LED chip manufacturar; DD = Denotes dimming control , which can be as follows -00=No sensor provided, PH = Plug in photo control or NEMA cap provided, DV = Dimming function; XX = can be any number to denote Color Temperature of LED; YY = can be any number to denote Color Rendering Index of LED; BN = Can be any letter to denote beam angle; P = Can be A or B to denote mounting type; Where A = Side entry, B = Bracket type;	
--	--

Copy of marking plate:
No provided.

1.2 Environment

The requirements and standards apply to equipment intended for use in:

☒	Residential (domestic) environment.
☒	Commercial and light-industrial environment.
☐	Industrial environment.

2 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

2.1 Standards

Standard	Year	Description
EN IEC 55015 +A11	2019 2020	Emission – Electrical lighting and similar equipment
EN 55016-2-1 A1	2014 2017	Methods of measurement of disturbances and immunity - Conducted disturbance measurements.
EN 55016-2-3	2017	Methods of measurement of disturbances and immunity - Radiated disturbance measurements.
EN 55032	2015	Electromagnetic compatibility of multimedia equipment – Emission requirements.
EN IEC 61000-3-2 +A1 +A2	2019 2021 2024	Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).
EN 61000-3-3 +A1 +A2 +AC	2013 2019 2021 2022-01	Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection.
EN IEC 61547	2023	Equipment for general lighting purposes – EMC immunity requirements.
EN 61000-4-2	2009	Electrostatic discharge immunity test.
EN 61000-4-3 +A1 +A2	2006 2008 2010	Radiated, radio-frequency, electromagnetic field immunity test.
EN 61000-4-4	2012	Electrical fast transient/burst immunity test.
EN 61000-4-5 +A1	2014 2017	Surge immunity test.
EN 61000-4-6	2014	Immunity to conducted disturbances, induced by radio-frequency fields.
EN 61000-4-8	2010	Power frequency magnetic field immunity test.
EN 61000-4-11	2020	Voltage dips, short interruptions and voltage variations immunity tests.

2.2 Deviation(s) from the Standard(s) / Test Specification(s)

The following deviation(s) was / were made from the published requirements of the listed standards:
 N/A.

2.3 Overview of results

EMISSION TESTS – EN IEC 55015			
Requirement – Test case	Basic Standard(s)	Verdict	Remark
Assessment of wired network ports Table 1, Table 2, Table 3	EN 55016-2-1	PASS	---
Assessment of local wired ports Table 4, Table 5, Table 6	EN 55016-2-1	N/A	See 1)
Assessment of the enclosure port	---	---	---
Frequency range 9 kHz to 30 MHz Table 8, Table 9	EN 55016-1-4	PASS	---
Frequency range 30 MHz to 1 GHz Table 10 (Antenna method)	EN 55016-2-3	PASS	---
Frequency range 30 MHz to 300 MHz Table 10 (CDNE method)	EN 55016-2-1	N/T	---
Supplementary information:			
1) The EUT does not have this port.			

EMISSION TESTS			
Requirement – Test case	Basic standard(s)	Verdict	Remark
Control principle shall be allowed for the application according to the clause 6.1	EN IEC 61000-3-2	PASS	---
Harmonic current emissions	EN IEC 61000-3-2	PASS	---
Voltage changes, voltage fluctuations and flicker	EN 61000-3-3	PASS	---
Supplementary information: ---			

IMMUNITY TESTS – EN IEC 61547			
Requirement – Test case	Basic Standard(s)	Verdict	Remark
Electrostatic discharge	EN 61000-4-2	PASS	---
Radio-frequency electromagnetic fields	EN 61000-4-3	PASS	---
Fast transients	EN 61000-4-4	PASS	---
Surge transient	EN 61000-4-5	PASS	---
Injected currents (radio-frequency common mode)	EN 61000-4-6	PASS	---
Power frequency magnetic fields	EN 61000-4-8	N/A	See 1)
Voltage dips and short interruptions	EN 61000-4-11	PASS	---
Supplementary information:			
1) The apparatus does not contain any components susceptible to this low-frequency magnetic fields.			

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.

--- END---