

Technical Report No.: 70.402.26.005.63

Date: 2026-02-09

Client: 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

Manufacturer: Name: Same as client
Address: Same as client

Factory: Name: Same as client
Address: Same as client

Test object: Product: Luminaires for road and street lighting (LED Street Light)
Model: AOK-150WiLH-NV-A5-00-4070-T252-P

Trademark:



Test specification: EPRS 003:2025-04
Based on EN IEC 62722-2-1:2023

Purpose of examination: • Testing and evaluation (☐ visual / ☐ partial) according to the test specification

Test result: The test results show that the presented product is in compliance with the above listed test specifications.

Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question. It does not imply a general statement regarding the quality of products from regular production. For further details please see Testing, Certification, Validation and Verification Regulations, chapter A-3.3.

1. Description of the test object

1.1 Picture(s)



1.2 Function

Manufacturer's specification for intended use:
Fixed for outdoor use only.

1.3 Consideration of the foreseeable use

- ☐ Not applicable
- ☒ Covered through the applied standard
- ☐ Covered by the following comment*
- ☐ Covered by attached risk analysis

*

1.4 Technical Data

Luminaires for road and street lighting (LED Street Light)

Rated Voltage	: 220-240VAC
Rated Frequency	: 50/60Hz
Rated Power	: 150W
Luminous flux	: 25500lm
Colour temperature (CCT)	: 4000K
Colour rendering index (CRI)	: 70
Luminous Efficacy	: 170lm/W
Lamp Type	: LED module
Luminaire	: Type B
Protection Class	: I
Degree of Protection	: IP66
Ambient Temperature Rating (tq)	: 25°C
ENEC Licence Number (Safety)	: U6 088072 0053 Rev. 00

Data communication ports: <input checked="" type="checkbox"/> N/A	
Wired ports.....:	<input checked="" type="checkbox"/> N/A <input type="checkbox"/> USB <input type="checkbox"/> LAN <input type="checkbox"/> DALI <input type="checkbox"/> other:
Wireless ports	<input checked="" type="checkbox"/> N/A <input type="checkbox"/> Wifi <input type="checkbox"/> Bluetooth <input type="checkbox"/> NFC <input type="checkbox"/> 4G/LTE <input type="checkbox"/> 5G <input type="checkbox"/> Other:
Data Storage/ Processing.....:	<input type="checkbox"/> N/A <input type="checkbox"/> Local <input type="checkbox"/> Cloud

2. Order

2.1 Date of Purchase Order, Customer's Reference

- 2025-12-16

2.2 Test Sample(s)

- Reception date(s): 2025-12-16

- Location(s) of reception: TÜV SÜD Certification and Testing (China) Co., Ltd.
Shanghai Branch
No. 1999, Duhui Road, Shanghai, 201108, P. R.
China
- Condition of test sample(s): Good

2.3 Testing

- Testing date(s): 2025-12-16 to 2026-02-09
- Location(s) of testing: TÜV SÜD Certification and Testing (China) Co., Ltd.
Shanghai Branch
No. 1999, Duhui Road, Shanghai, 201108, P. R.
China

2.4 Points of Non-Compliance or Exceptions of the Test Procedure

- None

3. Test Results

- ☒ Decision rule according to ILAC-G8:09/2019 clause 4.2.1 Binary statement for simple acceptance rule or IEC Guide 115:2023, clause 4.3.3 Simple acceptance was applied.

3.1 Positive Test Results

Test specification(s)	Report no. / Rev. No.	Date	Remark
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3.2 Points of Non-Compliance according to the test specification

- None

4. Test History

Nil

5. Remarks

5.1 General

The user manual has been examined according to the minimum requirements described in the product standard. The manufacturer is responsible for the accuracy of further particulars as well as of the composition and layout.

5.2 Factory surveillance cycle

Your production facility is currently on the following surveillance cycle.

- ☒ Annual (12 month)
- ☐ Bi-Annual (6 month)
- ☐ Quarterly (3 month)
- ☐

5.3 Routine tests for electrical appliances / equipment:

Routine test requirements for production are described in PD ENEC 303 Annex PC

☒ Required

☐ Not Required

Reason for non-requirement:

- ☐ Class III product
- ☐ Other:

Test Details:

- ☐ Dielectric Strength
- ☐ Ground Continuity
- ☐ Insulation Resistance
- ☐ Leakage Current
- ☐ Touch Current
- ☐ Polarity

Test Points:

- BI: L/N – Chassis
- RI: L/N – Secondary
- AC-Inlet – Chassis and/or
- BI: L/N – Chassis
- RI: L/N – Secondary
- Ground - PE

Test Values / Limit(s):

- Vac / Vdc
- Vac / Vdc
- A ; $t \geq 1 \text{ s}$;
- $R < 0.1 \text{ Ohm } (\Omega)$
- Vdc
- $R > 2 \text{ MOhm } (M\Omega)$
- Vdc
- mA
- mA

☒ Other: Appropriate quality plan of manufacturer to ensure the correct use of critical components.

5.4 When the product is placed on the market, it must be accompanied with safety Instructions written in official language of the country. The instructions shall give information regarding safe operation, installation and maintenance

5.5 When measurement results are close to limit value of specified requirement, manufacturer shall take actions during the production process to keep the limit, especially if the result of a measurement is in a bandwidth within $\pm 10\%$ to the limit value.

5.6 According to the German product safety law (ProdSG), the name and contact address of manufacturer or if he is not based in the European Economic Area, an EU-based authorized representative or importer shall be affixed to the product or, where that is not possible, to its packaging before the product is placed on the market;

For EU directives and regulations which have been harmonized with (EU) 2019/1020 in its Annex I, the name, registered trade name or registered trade mark, and contact details, including the postal address of the economic operator (EU manufacturer, EU importer, EU authorised representative, or EU fulfilment service provider where no other economic operator as mentioned in the first 3 options) shall be indicated on the product or on its packing, the parcel or an accompanying document.

5.7 The economic operator has to ensure the appliance placing on the EU market conforms to the applicable EU directives and regulations which provide the affixing of the CE marking, such as LVD, EMC, RoHS, ErP, and so on.

5.8 The economic operator have to ensure the appliance contain no toxic substances in contact with food and no toxic hazard can be caused by the appliance, and conforms to EU Regulation (EC) 1935/2004 and German Food and Commodities Law, LFGB §30 & 31

5.9 Battery Regulation (EU) 2023/1542 applies from February 18th, 2024. The CE marking conformity assessment requirement to all batteries applies from August 18th, 2024. Economic operators of end products incorporated with battery shall ensure the used battery complies to all applicable requirements of (EU) 2023/1542. Portable batteries and LMT batteries used in end products shall meet additional requirement of removability and replaceability from February 18th, 2027.

6. Documentation



File	File name	Date
Photo documentation:	704022600563 DOC_U6P	2026-02-09
User manual:	704022600563 MAN_U6P	2026-02-09

7. Summary

☒ The test specification(s) is (are) met.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
TÜV SÜD Group

Tested by:

Wei SUN, Project Handler

Approved by:



Tianchen ZHANG, Designated Reviewer

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