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Technical Report No. 704021872503

Rev. 00

Dated 2018-08-06

Client : Cixi Leonlux Technology CO., Ltd
BeiSanhuan West Road,Zonghan Street, 315301, Cixi, Ningbo,
Zhejiang, People's Republic of China

Manufacturing place : Cixi Leonlux Technology CO., Ltd
BeiSanhuan West Road,Zonghan Street, 315301, Cixi, Ningbo,
Zhejiang, People's Republic of China

Testing Location : TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai
Branch
No. 1999, Duhui Road, Shanghai, 201108, P. R. China

Type of Product : Flood lights (Work Light)

Model/Type : see model list

Test methods : IK 08 test according to IEC 62262 and IEC 60068-2-75

Sample received date : 2018-07-30
Test date : 2018-07-30 to 2018-08-06

Purpose of examination : IK 08 test for enclosure

Test result : Pass

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1 Description of the test subject

1.1 Technical Data

Rated Voltage	:	220-240V~
Rated Frequency	:	50/60Hz
Rated Power	:	See model list
Protection Class	:	Class I
Protection Against Moisture	:	IP54
Construction	:	Flood lights
Supply connection	:	Non-detached cord with plug

Model	Power
99A10	2*10W
99A20	2*20W
99A30	2*30W
99A40	2*40W
99A50	2*50W
99A10-WO	2*10W
99A20-WO	2*20W
99A30-WO	2*30W
99A40-WO	2*40W
99A50-WO	2*50W
99AC10	2*10W
99AC20	2*20W
99AC30	2*30W
99AC40	2*40W
99AC50	2*50W
99AC10-WO	2*10W
99AC20-WO	2*20W
99AC30-WO	2*30W
99AC40-WO	2*40W
99AC50-WO	2*50W
99R10	2*10W
99R20	2*20W
99RC10	2*10W
99RC20	2*20W



2 Order

2.1 Date of Purchase Order, Customer's Reference

2018-07-30

2.2 Receipt of Test Sample, Location

2018-07-30, TUV SUD Shanghai Branch

2.3 Date of Testing

2018-07-30 to 2018-08-06

2.4 Location of Testing

TUV SUD Shanghai Branch

2.5 Points of Non-compliance or Exceptions of the Test Procedure

None

3 Test Results

Positive

4 Remark

All models have same mechanical and electrical construction. So IK08 test is on 99A50.

5 Mechanical Impact Test (IK08):

Lab Environmental Conditions:

Ambient Temperature: 24.3°C

Relative Humidity: 45%RH.

Test Methods/Specification:

Test methods: According to IEC 62262:2002 and IEC 60068-2-75:1997.

Test condition: According to the client's requirement, IK 08 test for enclosure

Impact energy of IK 08 is shown as below:

IK code	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Impact energy, J	*	0,14	0,2	0,35	0,5	0,7	1	2	5	10	20
* Not protected according to this standard.											
NOTE 1 When higher impact energy is required, the value of 50 J is recommended.											
NOTE 2 A characteristic group numeral of two figures has been chosen to avoid confusion with some national standards which used a single numeral for a specific impact energy.											

Test equipment: Vertical hammer type impact tester (IEC 60068-2-75: 1997)

Impact energy: 5J

Operating mode: Power off

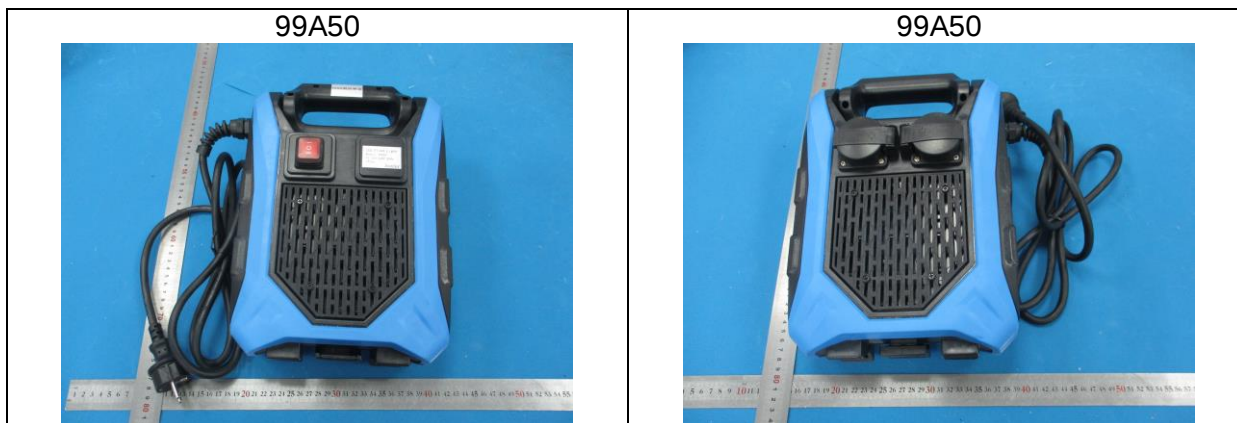
Impact positions: Refer to the picture

Criteria after impact test

Visual inspection: Check if breakage, crack, and separation occur.

6 Documentation

Photo documentation:





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

Engineer:


Wang Jiani
Project Handler

Technical Report checked:


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Designated Reviewer

