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Technical Report No. 704021703504-01

Rev. 01

Dated 2017-03-29

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 : 98A03; 98A05; 98B03-AD; 98B05-AD; 98C05; 98C03-2; 98C05-2;
98C03

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

Sample received date : 2017-02-07
Test date : 2017-02-07 to 2017-03-29

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
98A03	30W
98A05	50W
98B03-AD	30W
98B05-AD	50W
98C05	50W
98C03-2	2 x 30W
98C05-2	2 x 50W
98C03	30W

2 Order

2.1 Date of Purchase Order, Customer's Reference

2017-02-07

2.2 Receipt of Test Sample, Location

2017-02-07, TUV SUD Shanghai Branch

2.3 Date of Testing

2017-02-07 to 2017-03-29

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

Models 98A03; 98A05; 98B03-AD; 98B05-AD; 98C05; 98C03-2; 98C05-2; 98C03 separately have same mechanical and electrical construction. So IK08 test is on 98C05-2.

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
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Technical Report checked:

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