



中国认可
国际互认
检测
TESTING
CNAS L6478



TEST REPORT

Reference No...... : WTZ22F11229212X1L
Applicant..... : Jiangmen Allred Lighting Technology Co.,Ltd.
Address..... : No.97 Dongning Road, Jianghai Dist., Jiangmen City, Guangdong China
Manufacturer..... : The same as above
Address..... : The same as above
Product Name..... : LED wall lamp
Model No..... : See model list
Technical data..... : See model list
Test specification..... : Luminaires
UL 1598:2021 Ed.5+R:18 Jun2021
UL 8750:2015 Ed. 2+R: 23 Sep 2021
Test Category..... : Entrusted Test
Date of Receipt sample..... : 2023-01-01
Date of Test..... : 2023-01-01 to 2023-03-01
Date of Issue..... : 2023-03-30
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:

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Tested by:

Bonn Ding

Approved by:

Jerry Mu



Test item description.....: LED fixed lamps

Trade Mark: --

Model/Type reference.....: See model list

Ratings.....: See model list

Description:

The products covered by this report is a surface fixed mounted luminaire, provided with lead wire for connection. It is suitable for wet location use.

Marking:

NA

General remarks:

"(see remark #)" refers to a remark appended to the report.

"(see appended table)" refers to a table appended to the report.

Throughout this report a point is used as the decimal separator.

Use of uncertainty of measurement for decisions on conformity (decision rule) :

No decision rule is specified by the standard, when comparing the measurement result with the applicable limit according to the specification in that standard.

The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule, previously known as "accuracy method").

2023-03-30:

This report was based on the WTZ22F112292121L report, modify company name and address. Original report invalid.

General product information:

NA

General remarks:

"(see remark #)" refers to a remark appended to the report.

"(see appended table)" refers to a table appended to the report.

Throughout this report a point is used as the decimal separator.

**Possible test case verdicts::**

- test object does meet the requirement.....: P (Pass)
- test object does not meet the requirement.....: F (Fail)

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following tests were performed:

Test Description	UL 1598:2021 Ed. 5+R:18 Jun2021	UL 8750:2015 Ed. 2+R: 23 Sep 2021	Verdict	Remarks
Normal Temperature Test	15	8.3	P	/
Rain Test	17.5.2	/	P	/
Loading	17.15	/	P	/
Polymeric impact	17.41	/	P	/
Dielectric Voltage-Withstand Test	18.1	8.6	P	/
Bonding circuit impedance	18.2	/	P	/
Articulate probe	18.4	/	P	/
Input Test	/	8.2	P	/
Leakage current measurement test	/	8.9	P	/
Abnormal tests-Component failure test	/	8.7.2	P	/

Model list

Model	Rated voltage (V)	Rated frequency (Hz)	Rated power (W)	Other difference
YX21	100-240V~	50/60Hz	10-12W	Without inductor
YX21S	100-240V~	50/60Hz	10-12W	With inductor
FX21	100-240V~	50/60Hz	9-10W	Without inductor
FX21S	100-240V~	50/60Hz	9-10W	With inductor
FX22	100-240V~	50/60Hz	9-10W	Without inductor
FX22S	100-240V~	50/60Hz	9-10W	With inductor



Object/part No.	Manufacturer/ trademark	Type/ model	Technical data	Mark(s) of conformity
LED driver for FX21, FX21S, FX22	HONGKONG YEONGDEOK PHOTOELECTRIC LTD	YD-VU6-12WB	PRI:100-240V~, 50/60Hz, SEC:DC 260mA 24-40Vmax, ta:45°C, tc:75°C	UL E358412
Lead wire	Zhongshan Henglan Boyi Electrical Appliance Factory	1015	600V, 105°C, 20AWG	UL E494675
LED lead wire For FX21, FX21S, FX22	Zhongshan Henglan Boyi Electrical Appliance Factory	1332	300V, 200°C, 20AWG	UL E494675
Closed-end connector	Heavy Power Co., Ltd	CE2	300V, 105°C	UL E113650
Sensor for YX21S, FX21S	HONGKONG YEONGDEOK PHOTOELECTRIC LTD	HF-08	120V~, 60Hz, MAX:150W	UL E320213
LED	OSRAM	GW QSLR31.CM	IF=150mA; VF=6V; 2700K	NR
Alternatives	OSRAM	GW KAFOB3.CM-PTPU-27S3	IF=20..460mA; VF=33-37V; 2700K	NR
LED board	Zhejiang Ruixing Electronic Science & Technology Co., Ltd.	RX-2.0	Al. V-0; 130°C	UL E486052
Lens for LED for FX21, FX21S, FX22, FX22S	TEIJIN POLYCARBONATE SINGAPORE PTE LTD	L-1250Z(#)(f1)	PC; HB	UL E195100
Plastic reflector paper	FOSHAN NANHAI POLMA ENGINEERING PLASTICS CO LTD	ET-1530	PET	UL E241821
Reflectors For YX21, YX21S	TEIJIN POLYCARBONATE CHINA LTD	L-1225(####)(f2)	PC	UL E245526
LED cover for FX21, FX21S, FX22, FX22S	FOSHAN NANHAI POLMA ENGINEERING PLASTICS CO LTD	PC-1025	PC; V-0	UL E241821

===== End of Report =====



Photo Documentation

Model: YX21



Photo 1



Photo 2



Photo Documentation

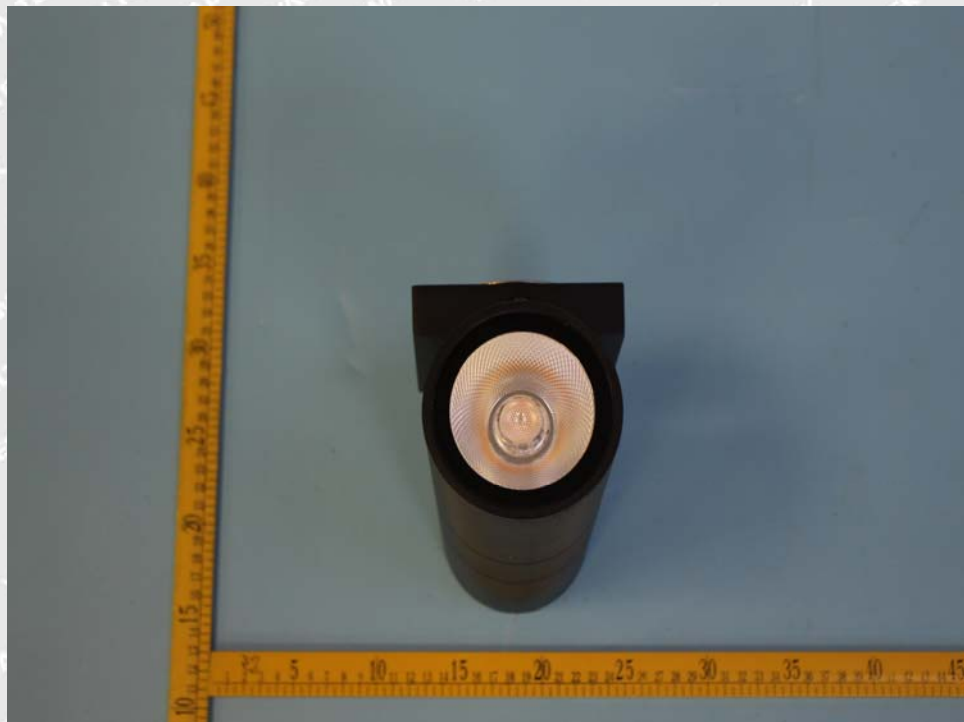


Photo 3



Photo 4



Photo Documentation



Photo 5



Photo 6

**Photo Documentation**

Photo 7

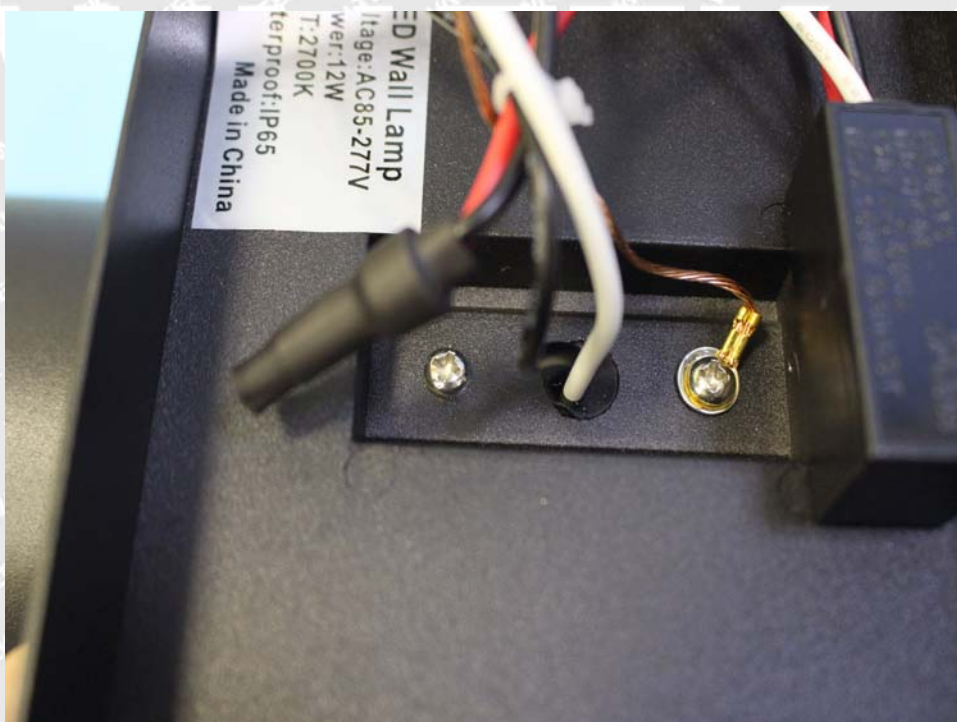


Photo 8

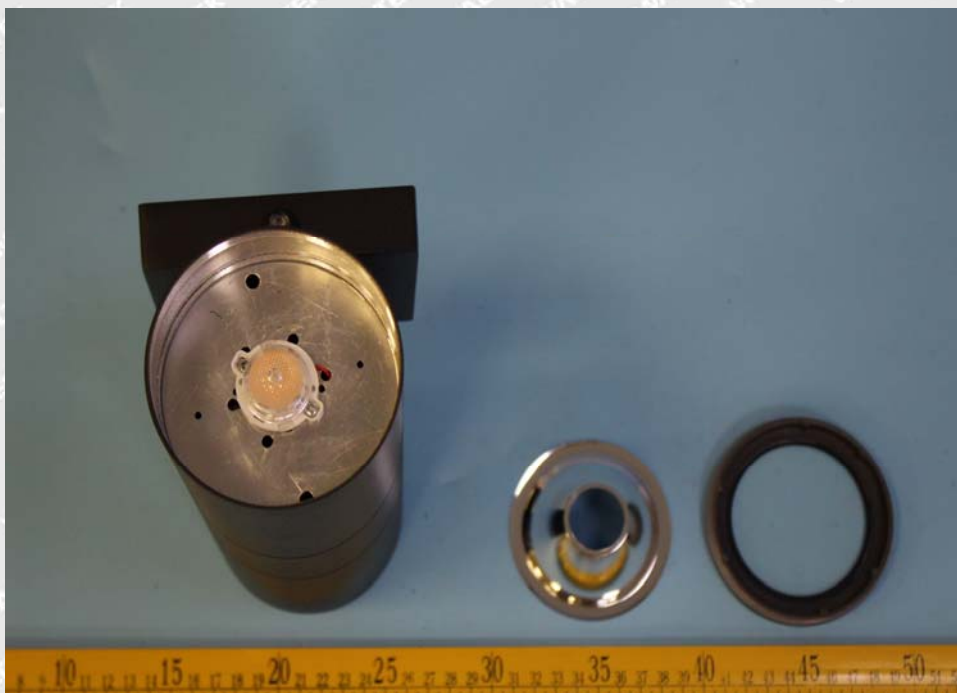
**Photo Documentation**

Photo 9

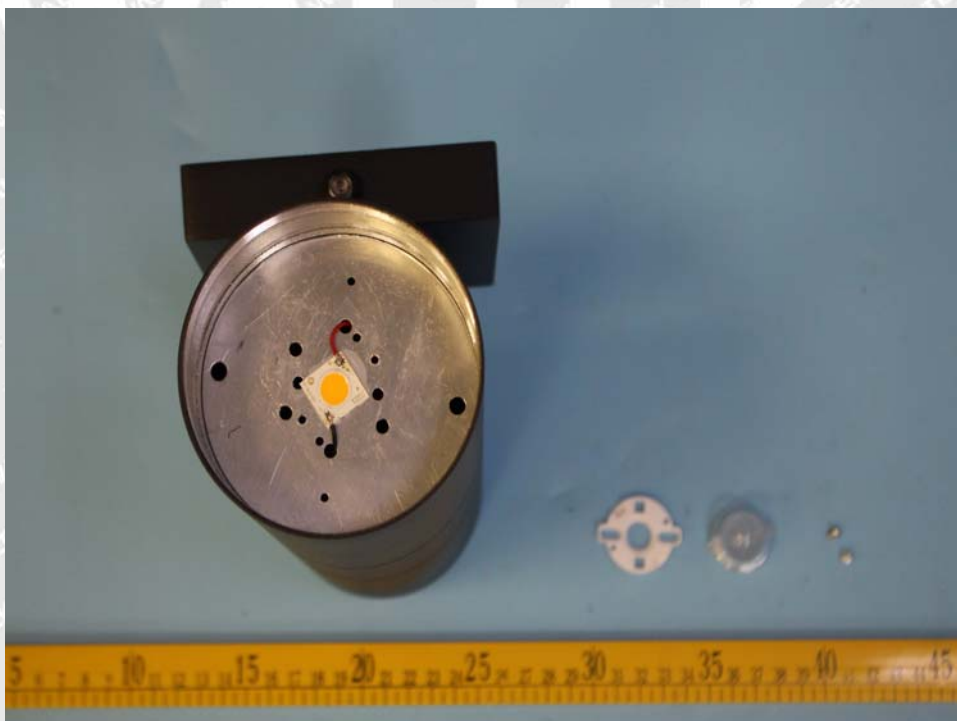


Photo 10

**Photo Documentation**

Photo 11

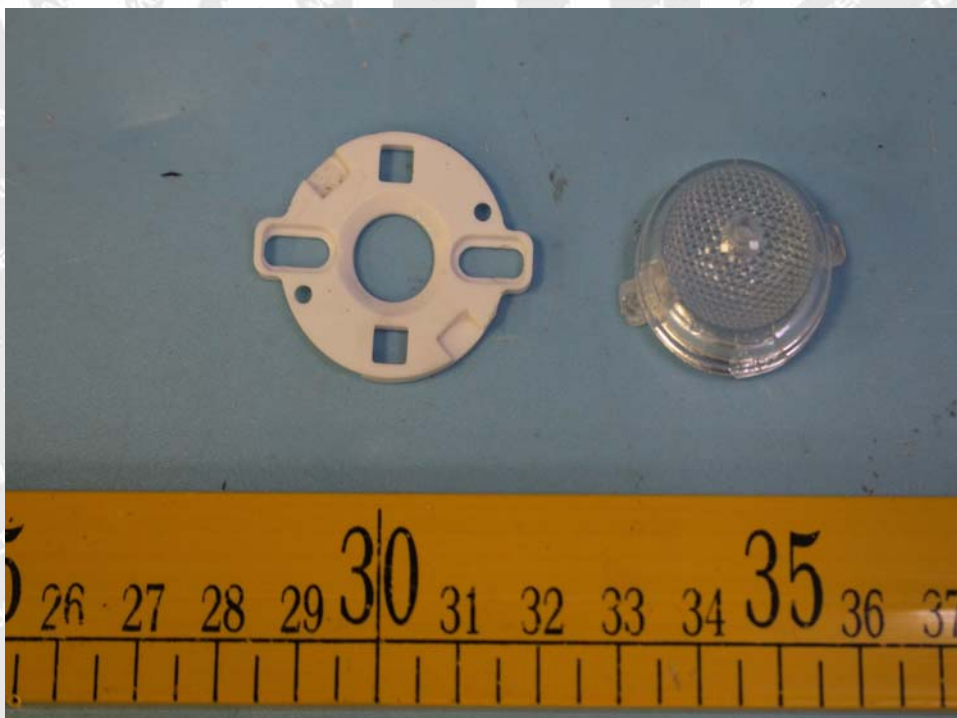


Photo 12



Photo Documentation

Model: FX21S



Photo 13

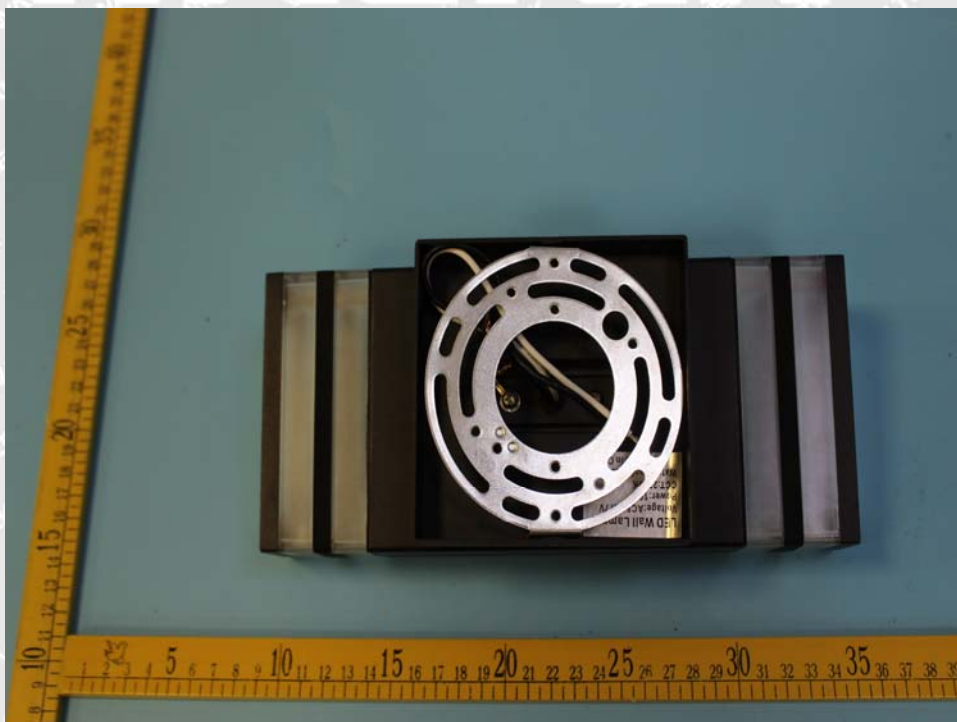


Photo 14

**Photo Documentation**

Photo 15



Photo 16

**Photo Documentation**

Photo 17



Photo 18



Photo Documentation



Photo 19

===== End of Photo =====