

# Technical Compliance Statement

## FCC Test Report

### For the following information

Ref. File No.: C1D2506031

Product : LED wall light  
Model No. : OUT-BOW5C; may be followed by -; followed by up to eight characters.  
Brand : Artika, Tospo  
Applicant : ARTIKA FOR LIVING INC.  
Manufacturer : Hengdian Group Tospo Lighting Co., Ltd.  
Standards : 47 CFR FCC Part 15 Subpart B  
(Class B Limit)

We hereby certify that the above product has been tested by us and complied with the FCC official limits. The product might be marketed in US in accordance with the standard 47 CFR FCC Part 2 and Part 15 Subpart B class B equipment regulations under FCC Rules. The test was performed according to the procedures mentioned in ANSI C63.4-2014.

The test data and results are issued on the test report No. **ACI-F25067**.

Signature

A handwritten signature in black ink, appearing to read "Kamp. Chen.", is written over a horizontal line.

KAMP CHEN / Manager

Date: 2025.07.09

Test Laboratory:

Audix Technology (Shanghai) Co., Ltd.

NVLAP Lab Code : 200371-0

FCC Designation Number : CN5027

Test Firm Registration Number : 954668

Web Site: [www.audixtech.com](http://www.audixtech.com)

The statement is based on a single evaluation of samples of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

## TEST REPORT

On behalf of  
ARTIKA FOR LIVING INC.

LED wall light

Model No.: OUT-BOW5C; may be followed by -; followed by up to eight characters.

FCC ID: 2AUHG-OUT-BW5C

Prepared For : ARTIKA FOR LIVING INC.  
1756, 50th Avenue Montreal (Lachine), Quebec Canada,  
H8T 2V5

Prepared By : Audix Technology (Shanghai) Co., Ltd.  
3F and 4F, 34Bldg 680 Guiping Rd,  
Caohejing Hi-Tech Park,  
Shanghai, China 200233

Tel: +86-21-64955500



File No. : C1D2506031  
Report No. : ACI-F25067  
Date of Test : 2025.06.23-27  
Date of Report : 2025.07.09

The statement is based on a single evaluation of samples of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.  
The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. government.

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## TEST REPORT

Applicant : ARTIKA FOR LIVING INC.  
Manufacturer : Hengdian Group Tospo Lighting Co., Ltd.  
EUT Description : LED wall light  
(A) Model No. : Refer to Sec.2.1  
(B) Power Rating : AC 120V/60Hz  
(C) Test Voltage : AC 120V/60Hz

Test Procedure Used:

*FCC RULES AND REGULATIONS PART 15 SUBPART B CLASS B  
AND ANSI C63.4-2014*

The device described above is tested by Audix Technology (Shanghai) Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B (Class B) limits both radiated and conducted emissions.

The test results are contained in this test report and Audix Technology (Shanghai) Co., Ltd. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT, which was tested in 3m anechoic chamber is in technically compliance with the FCC official limits.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shanghai) Co., Ltd.

Date of Test : 2025.06.23-27 Date of Report : 2025.07.09

Producer :

Huimin Yan  
HUIMIN YAN / Assistant

Review :

LVY LV  
LVY LV / Deputy Assistant Manager

 For and on behalf of  
Audix Technology (Shanghai) Co., Ltd.

Signatory :

Authorized Signature(s)

KAMP CHEN/Manager

Name of the Responsible Party :

Signature :

# 1 SUMMARY OF STANDARDS AND RESULTS

## 1.1 Description of Standards and Results

The result is determined according to the decision rules of customer selection in the ASC-403 application service form.

1. According to IEC GUIDE 115 Procedure 2 and ILAC-G8, the uncertainties value is not used in determining the PASS/FAIL results.

2. If the required specification or standard already contains the decision rules, it will be carried out in accordance with the regulations or standard documents or the requirements of the competent units. If the required specification or standard does not contain a decision rule, the same paragraph 1.

3. If your company has a required decision rule, it will be implemented in accordance with the requirements and ISO/IEC Guide 98-4 specifications.

The EUT have been tested according to the applicable standards as referenced below:

Test Item	Referred Rules/Standard	Limit	Results
EMISSION			
Powerline Conducted Emission	47 CFR FCC Part 15 Subpart B AND ANSI C63.4-2014	15.107(a) Class B	Pass
			Margin 10.62dB at 0.150MHz
Radiated Emission (30-1000MHz)	47 CFR FCC Part 15 Subpart B AND ANSI C63.4-2014	15.109(a) Class B	Pass
			Margin 10.51dB at 33.395MHz (Vertical, 1.00m/60°) <sup>Note</sup>
NOTE – 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.			

## 2 GENERAL INFORMATION

### 2.1 Description of Device (EUT)

Description	: LED wall light
Type of EUT	: `` Production <input checked="" type="checkbox"/> Pre-product    `` Pro-type
Date of receipt	: 2025.06.23
Model Number	: OUT-BOW5C; may be followed by -; followed by up to eight characters.
Note	: All models are same except their LED driver function, LED driver has same circuit and layout. OUT-BOW5C-@: @ could be up to eight characters, which means customer code or internal identification. For example: model OUT-BOW5C-C1BL is normal lighting version, model OUT-BOW5C-C1BL-DISPLAY is automatic CCT change demonstration version.
Test Model	: OUT-BOW5C-C1BL, OUT-BOW5C-C1BL-DISPLAY
Brand	: Artika, Tospo
Working Frequency	: <108MHz
Applicant	: ARTIKA FOR LIVING INC. 1756, 50th Avenue Montreal (Lachine), Quebec Canada, H8T 2V5
Manufacturer	: Hengdian Group Tospo Lighting Co., Ltd. Hengdian Electronics Industrial Zone, Dongyang Zhejiang P.R China
Factory	: Same as Applicant

## 2.2 Description of Test Facility

Name of Firm	:	Audix Technology (Shanghai) Co., Ltd.
Site Location	:	3F 34Bldg 680 Guiping Rd, Caohejing Hi-Tech Park, Shanghai 200233, China
Test Facilities	:	No. 3 3m Chamber No. 1 Shielded Room
NVLAP Lab Code	:	200371-0
FCC Designation Number	:	CN5027
Test Firm Registration Number	:	954668

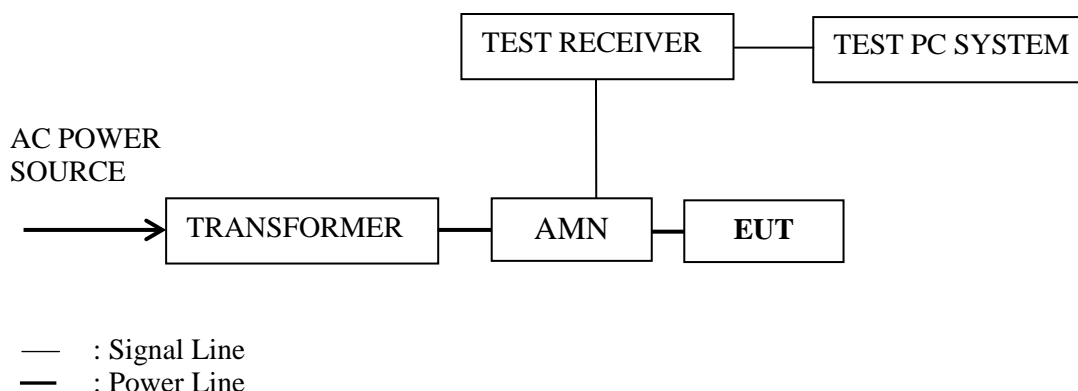
### 3 CONDUCTED EMISSION TEST

#### 3.1 Test Equipment

The following test equipments are used during the conducted emission test in a shielded room:

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	AMN	R&S	ESH2-Z5	843890/011	2025/2/22	1 Year
2.	LISN	Kyoritsu	KNW-407	8-1280-5	2025/2/22	1 Year
3.	Fixed Attenuator	SHYL	TTS-1	001	2025/2/22	1 Year
4.	Impedance	/	BNC/ 50Ohm	002	2025/2/22	1 Year
5.	Test Receiver	R&S	ESCI	101302	2025/2/22	1 Year
6.	CE Cable+Coaxial Switch (0.09-300MHz)	Audix+ ANRITSU	CE Cable+ MP59B	CE-SH1-001+ 6200655085	2025/2/22	1 Year

#### 3.2 Block Diagram of Test Setup



#### 3.3 Conducted Emission Limits [FCC Part 15 Subpart B 15.107(a)]

Frequency Range (MHz)	Limits dB(μV)	
	Quasi-peak	Average
0.15 ~ 0.5	66~56	56~46
0.5 ~ 5	56	46
5 ~ 30	60	50

NOTE 1 – The lower limit shall apply at the transition frequencies.  
 NOTE 2 – The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz~0.50 MHz

### 3.4 Test Configuration

The EUT (listed in Sec.2.1) was installed as shown on Sec.3.2 to meet FCC requirement and operating in a manner which tends to maximize its emission level in a normal application.

### 3.5 Operating Condition of EUT

3.5.1 Setup the EUT as shown in Sec. 3.2.

3.5.2 Turn on the power of power source.

3.5.3 Start testing on the test mode.

### 3.6 Test Procedures

The EUT was placed upon a non-metallic table, which is 0.8 m above the horizontal conducting ground plane and 0.4 m from a vertical reference plane. The EUT was connected to the power mains through an Artificial Mains Network (AMN) to provide a 50 W coupling impedance for the measuring equipment. Both sides of AC line (Line & Neutral) were checked to find out the maximum conducted emission according to FCC Part 15 (CLASS B) regulations during conducted disturbance test.

The I.F. bandwidth of Test Receiver ESCI was set at 9 kHz.

The frequency range from 150 kHz to 30 MHz was checked.

The test mode (Lighting) was done on conducted disturbance test and all the test results are listed in Sec. 3.7.

### 3.7 Test Results

**< PASS >**

The frequency and amplitude of the highest conducted emission relative to the limit is reported. All emissions not reported below are too low against the prescribed limits.

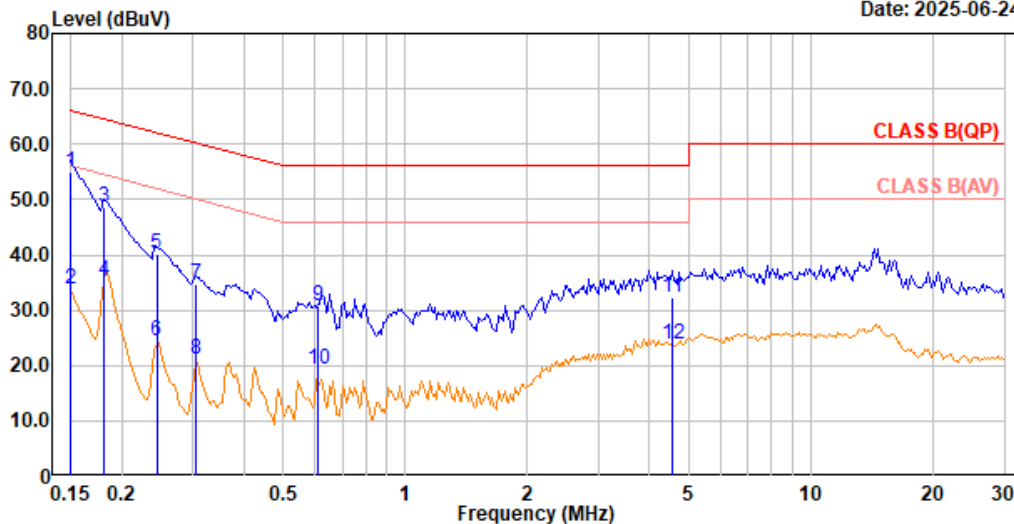
NOTE – “QP” means “Quasi-Peak” values.



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File: D:\Test data-2025\TOSPO-01\TOSPO-01\_00095.EMI

Date: 2025-06-24



Site no. : Audix (Shanghai) shielded 1      Data no. : 95  
AMN : ESH2-Z5-2025      Phase : Line  
Limit : CLASS B(QP)  
Env. / Ins. : 23°C 61%RH / ESCI      Engineer : Neil  
EUT : LED wall light  
M/N : OUT-BOW5C-C1BL  
Power Rating : 120V/60Hz  
Test Mode : Lighting

	Freq (MHz)	AMN. Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.150	0.20	0.11	9.50	45.01	54.82	66.00	11.18	QP
2	0.150	0.20	0.11	9.50	24.03	33.84	56.00	22.16	Average
3	0.181	0.20	0.11	9.50	38.78	48.59	64.43	15.84	QP
4	0.181	0.20	0.11	9.50	25.53	35.34	54.43	19.09	Average
5	0.244	0.20	0.11	9.50	30.41	40.22	61.95	21.73	QP
6	0.244	0.20	0.11	9.50	14.71	24.52	51.95	27.43	Average
7	0.304	0.20	0.11	9.50	24.96	34.77	60.14	25.37	QP
8	0.304	0.20	0.11	9.50	11.29	21.10	50.14	29.04	Average
9	0.609	0.20	0.13	9.50	20.85	30.68	56.00	25.32	QP
10	0.609	0.20	0.13	9.50	9.35	19.18	46.00	26.82	Average
11	4.538	0.30	0.17	9.50	22.42	32.39	56.00	23.61	QP
12	4.538	0.30	0.17	9.50	13.84	23.81	46.00	22.19	Average

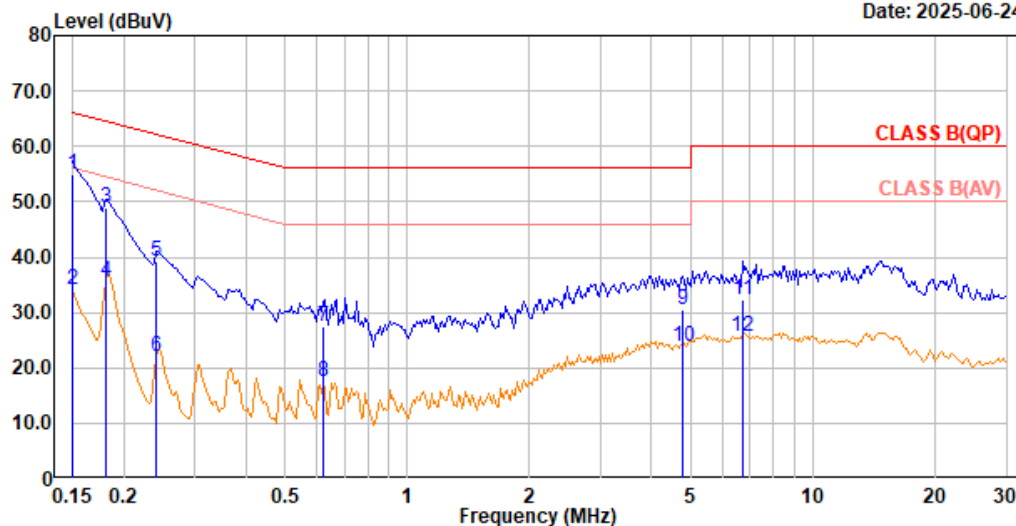
Remark: 1.Emission Level = AMN Factor + Cable loss + Pulse Att. + Reading.



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File: D:\Test data-2025\TITOSPO-01\TOSPO-01\_00093.EMI

Date: 2025-06-24



Site no. : Audix (Shanghai) shielded 1  
AMN : ESH2-Z5-2025  
Limit : CLASS B(QP)  
Env. / Ins. : 23°C 61%RH / ESCI  
EUT : LED wall light  
M/N : OUT-BOW5C-C1BL  
Power Rating : 120V/60Hz  
Test Mode : Lighting

Data no. : 93  
Phase : Neutral  
Engineer : Neil

	Freq (MHz)	AMN. Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.150	0.20	0.11	9.50	45.10	54.91	66.00	11.09	QP
2	0.150	0.20	0.11	9.50	24.17	33.98	56.00	22.02	Average
3	0.181	0.20	0.11	9.50	39.14	48.95	64.43	15.48	QP
4	0.181	0.20	0.11	9.50	25.83	35.64	54.43	18.79	Average
5	0.242	0.20	0.11	9.50	29.46	39.27	62.04	22.77	QP
6	0.242	0.20	0.11	9.50	12.11	21.92	52.04	30.12	Average
7	0.621	0.20	0.13	9.50	17.56	27.39	56.00	28.61	QP
8	0.621	0.20	0.13	9.50	7.72	17.55	46.00	28.45	Average
9	4.769	0.20	0.18	9.50	20.48	30.36	56.00	25.64	QP
10	4.769	0.20	0.18	9.50	13.91	23.79	46.00	22.21	Average
11	6.687	0.20	0.18	9.50	22.47	32.35	60.00	27.65	QP
12	6.687	0.20	0.18	9.50	15.76	25.64	50.00	24.36	Average

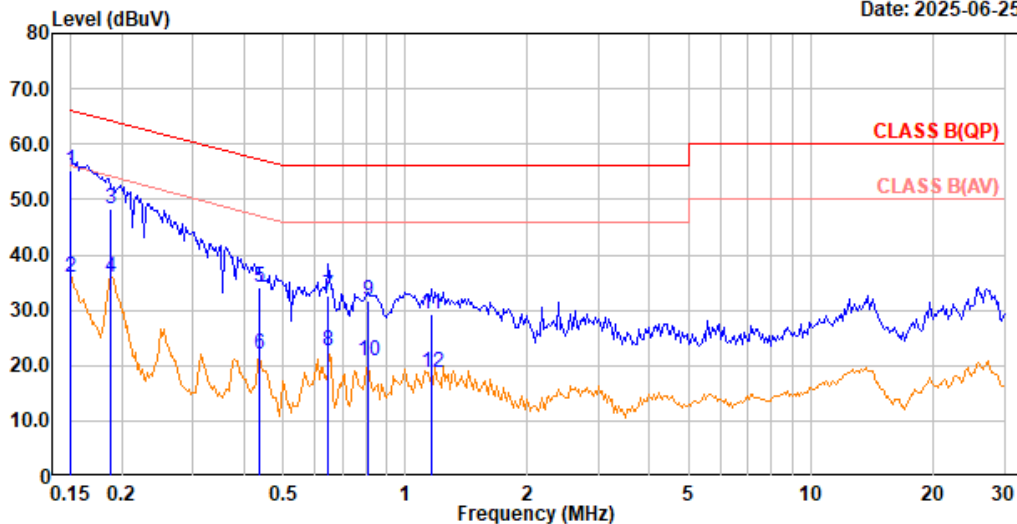
Remark: 1.Emission Level = AMN Factor + Cable loss + Pulse Att. + Reading.



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File: D:\Test data-2025\TOSPO-01\TOSPO-01\_00099.EMI

Date: 2025-06-25



Site no. : Audix (Shanghai) shielded 1  
ANT. : ESH2-Z5-2025  
Limit : CLASS B(QP)  
Env. / Ins. : 23°C 61%RH / ESCI  
EUT : LED wall light  
M/N : OUT-BOW5C-C1BL-DISPLAY  
Power Rating : 120V/60Hz  
Test Mode : Lighting

Data no. : 99  
Phase : Line  
Engineer : Neil

	Freq (MHz)	Cable Loss (dB)	Reading (dBUA)	Emission Level (dBUA)	Limits (dBUA)	Margin (dB)	Remark
1	0.150	0.11	45.47	55.28	66.00	10.72	QP
2	0.150	0.11	26.15	35.96	56.00	20.04	Average
3	0.189	0.11	38.64	48.45	64.10	15.65	QP
4	0.189	0.11	26.23	36.04	54.10	18.06	Average
5	0.439	0.12	24.33	34.15	57.08	22.93	QP
6	0.439	0.12	12.29	22.11	47.08	24.97	Average
7	0.647	0.13	22.63	32.46	56.00	23.54	QP
8	0.647	0.13	12.81	22.64	46.00	23.36	Average
9	0.813	0.13	21.93	31.76	56.00	24.24	QP
10	0.813	0.13	11.01	20.84	46.00	25.16	Average
11	1.163	0.14	19.50	29.42	56.00	26.58	QP
12	1.163	0.14	8.65	18.57	46.00	27.43	Average

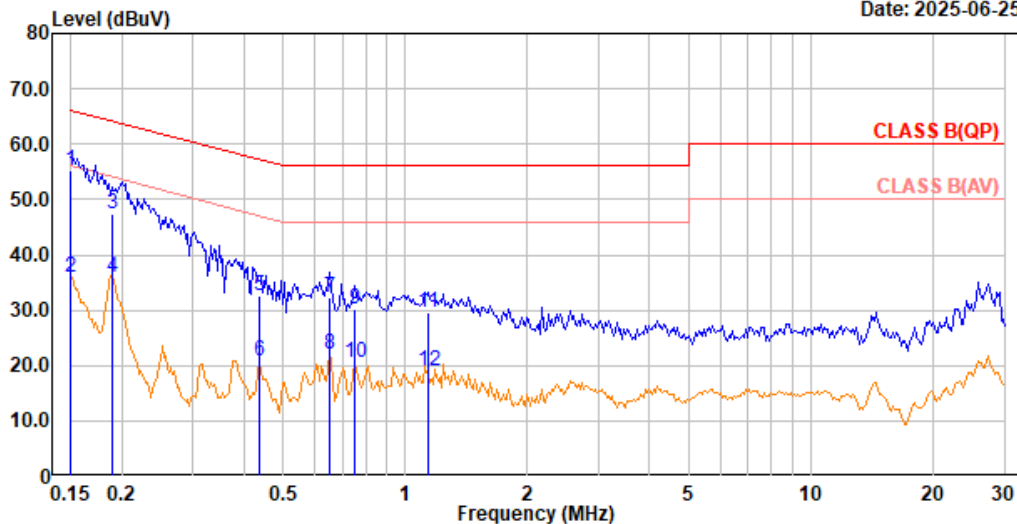
Remark: 1.Emission Level = Cable loss + Reading.



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File: D:\Test data-2025\TOSPO-01\TOSPO-01\_00097.EMI

Date: 2025-06-25



Site no. : Audix (Shanghai) shielded 1      Data no. : 97  
ANT. : ESH2-Z5-2025      Phase : Neutral  
Limit : CLASS B(QP)  
Env. / Ins. : 23°C 61%RH / ESCI      Engineer : Neil  
EUT : LED wall light  
M/N : OUT-BOW5C-C1BL-DISPLAY  
Power Rating : 120V/60Hz  
Test Mode : Lighting

	Freq (MHz)	Cable Loss (dB)	Reading (dBuA)	Emission Level (dBuA)	Limits (dBuA)	Margin (dB)	Remark
1	0.150	0.11	45.57	55.38	66.00	10.62	QP
2	0.150	0.11	26.18	35.99	56.00	20.01	Average
3	0.190	0.11	37.61	47.42	64.02	16.60	QP
4	0.190	0.11	26.13	35.94	54.02	18.08	Average
5	0.439	0.12	22.78	32.60	57.08	24.48	QP
6	0.439	0.12	10.87	20.69	47.08	26.39	Average
7	0.653	0.13	22.51	32.34	56.00	23.66	QP
8	0.653	0.13	12.35	22.18	46.00	23.82	Average
9	0.751	0.13	20.30	30.13	56.00	25.87	QP
10	0.751	0.13	10.60	20.43	46.00	25.57	Average
11	1.140	0.14	19.67	29.51	56.00	26.49	QP
12	1.140	0.14	9.22	19.06	46.00	26.94	Average

Remark: 1.Emission Level = Cable loss + Reading.

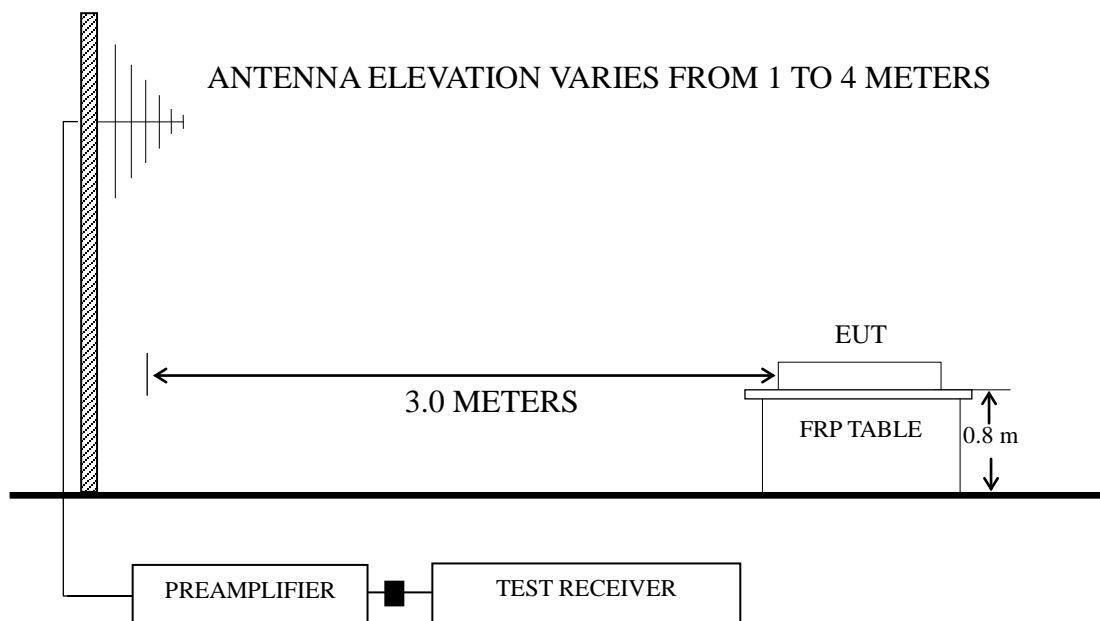
## 4 RADIATED EMISSION TEST

### 4.1 Test Equipment

The following test equipments are used during the radiated emission test in a semi-anechoic chamber:

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Bilog Antenna+6dB Attenuator	Schwarzbeck	VULB 9168+EMCI-N-6-06	708+AT-N0638	2025/1/15	1 Year
2.	Preamplifier	Agilent	8447D	2944A10548	2025/2/22	1 Year
3.	Test Receiver	R&S	ESCI	101303	2025/2/22	1 Year
4.	RE Cable-1m+Coaxial Switch	HARBOUR+ANRITSU	RE Cable-1m+MP59B	RE-1m-00x+6200655086	2025/2/22	1 Year
5.	RE Cable-3m+RE Cable-10m	TIMES+SCH AFFNER	LMR400-NMNM-3.0M+RG 212U-MIL C 17	20250211-0001+RE-10m-001	2025/2/22	1 Year
6.	Software	Audix	e3	e3.v9.210616	事	事

### 4.2 Block Diagram of Test Setup



■ : 50 ohm Coaxial Switch

### 4.3 Radiated Emission Limit [FCC Part 15 Subpart B 15.109(a)]

Frequency (MHz)	Distance (m)	Field strength limits (mV/m)	
		(mV/m)	dB(mV/m)
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
Above 960	3	500	54.0
NOTE 1 - Emission Level dB(mV/m) = 20 lg Emission Level (mV/m) NOTE 2 - The tighter limit applies at the band edges. NOTE 3 - Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.			

### 4.4 Test Configuration

The EUT (listed in Sec.2.1) was installed as shown on Sec.4.2 meet FCC requirement and operating in a manner which tends to maximize its emission level in a normal application.

### 4.5 Operating Condition of EUT

- 4.5.1 Setup the EUT as shown in Sec. 3.2.
- 4.5.2 Turn on the power of power source.
- 4.5.3 Start testing on the test mode.

### 4.6 Test Procedures

The EUT was placed on a FRP turntable that is 0.8 meter above ground. The FRP turntable rotated 360 degrees to determine the position of the maximum emission level. The EUT was set 3 meters away from the receiving antenna, which was mounted on an antenna tower. The antenna moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (Calibrated Bilog Antenna) was used as receiving antenna. Both horizontal and vertical polarizations of the antenna were set on measurement. In order to find the maximum emission, all of the interference cables were manipulated according to ANSI C63.4 requirements during radiated emission test.

The bandwidth of Test Receiver R&S ESCI was set at 120 kHz.

The frequency range from 30 MHz to 1000 MHz was checked.

The test mode (Lighting) was done on radiated disturbance test and all the test results are listed in Sec.4.7.

## 4.7 Test Results

### <PASS>

The frequency and amplitude of the highest radiated emission relative to the limit is reported. All the emissions not reported below are too low against the FCC limit.

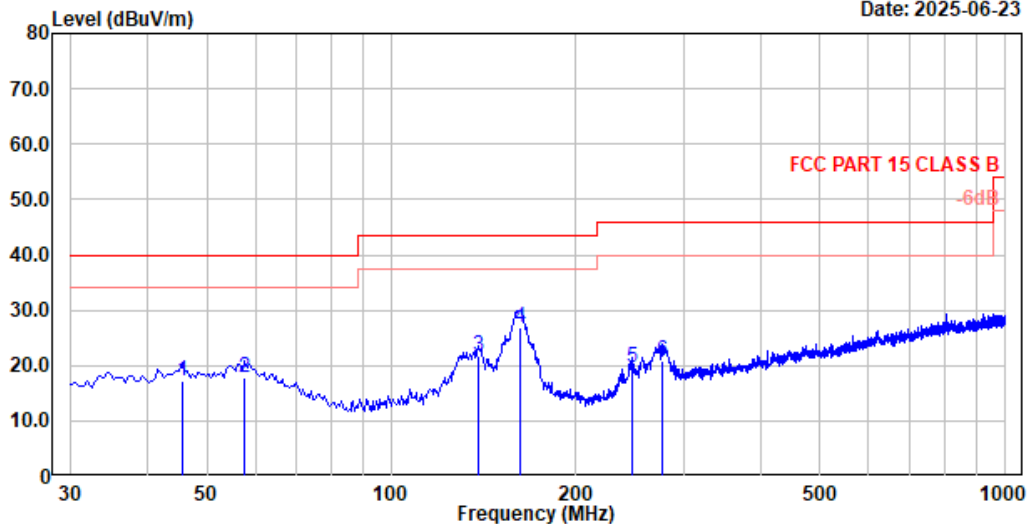
NOTE – All reading are Quasi-Peak values.



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File: E:\2025data\T\TOSPO1\TOSPO1\_00072.EMI

Date: 2025-06-23



Site no. : Audix (Shanghai) Chamber 3  
Dis. / Ant. : 3m / VULB 9168-708-2025  
Limit : FCC PART 15 CLASS B  
Env. / Ins. : 22°C 49%RH / ESCI  
EUT : LED wall light  
M/N : OUT-BOW5C-C1BL  
Power Rating : 120V/60Hz  
Test Mode : lighting

Data no. : 72  
Ant. Pol. : Horizontal  
Engineer : Carl

	Freq. (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	45.520	19.45	0.81	29.40	26.29	17.15	40.00	22.85	QP
2	57.645	19.34	0.90	29.40	26.86	17.70	40.00	22.30	QP
3	138.640	18.46	1.32	29.20	31.04	21.62	43.50	21.88	QP
4	162.405	19.06	1.43	29.16	35.57	26.90	43.50	16.60	QP
5	247.280	17.75	1.81	28.76	28.75	19.55	46.00	26.45	QP
6	275.895	18.64	1.97	28.70	29.01	20.92	46.00	25.08	QP

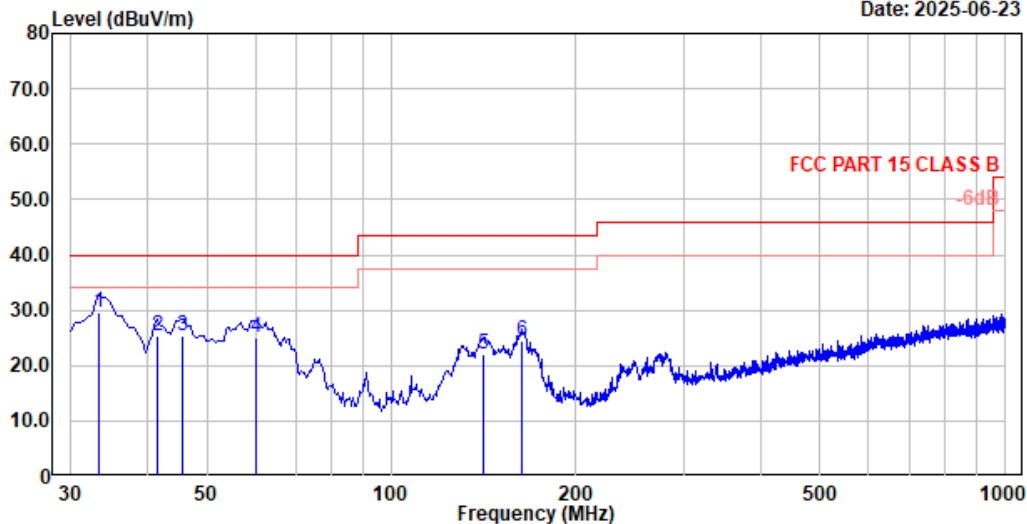
Remarks: 1.Emission Level = Antenna Factor + Cable Loss - Preamp Factor + Reading.



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File: E:\2025data\T\TOSPO1\TOSPO1\_00071.EMI

Date: 2025-06-23



Site no. : Audix (Shanghai) Chamber 3      Data no. : 71  
Dis. / Ant. : 3m / VULB 9168-708-2025      Ant. Pol. : Vertical  
Limit : FCC PART 15 CLASS B  
Env. / Ins. : 22°C 49%RH / ESCI      Engineer : Carl  
EUT : LED wall light  
M/N : OUT-BOW5C-C1BL  
Power Rating : 120V/60Hz  
Test Mode : lighting

	Freq. (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	33.395	18.24	0.71	29.40	39.94	29.49	40.00	10.51	QP
2	41.640	19.23	0.78	29.40	34.89	25.50	40.00	14.50	QP
3	45.520	19.45	0.81	29.40	34.56	25.42	40.00	14.58	QP
4	60.070	19.09	0.91	29.40	34.49	25.09	40.00	14.91	QP
5	141.550	18.76	1.33	29.20	31.07	21.96	43.50	21.54	QP
6	163.375	19.00	1.44	29.15	33.20	24.49	43.50	19.01	QP

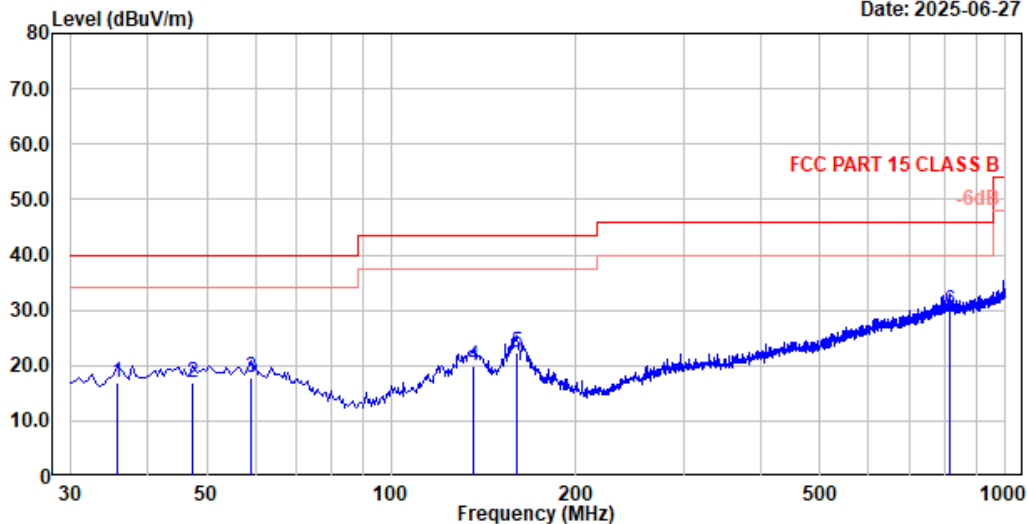
Remarks: 1.Emission Level = Antenna Factor + Cable Loss - Preamp Factor + Reading.



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File: E:\2025data\T\TOSPO1\TOSPO1\_00076.EMI

Date: 2025-06-27



Site no. : Audix (Shanghai) Chamber 3      Data no. : 76  
Dis. / Ant. : 3m / VULB 9168-708-2025      Ant. Pol. : Horizontal  
Limit : FCC PART 15 CLASS B  
Env. / Ins. : 22°C 49%RH / ESCI      Engineer : Carl  
EUT : LED wall light  
M/N : OUT-BOW5C-C1BL-DISPLAY  
Power Rating : 120V/60Hz  
Test Mode : lighting

	Freq. (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	35.820	18.58	0.73	29.57	27.20	16.94	40.00	23.06	QP
2	47.460	19.50	0.83	29.51	26.04	16.86	40.00	23.14	QP
3	59.100	19.19	0.90	29.46	27.15	17.78	40.00	22.22	QP
4	135.730	18.17	1.31	29.18	29.72	20.02	43.50	23.48	QP
5	159.980	19.10	1.42	29.00	30.79	22.31	43.50	21.19	QP
6	813.275	28.37	3.32	27.58	25.65	29.76	46.00	16.24	QP

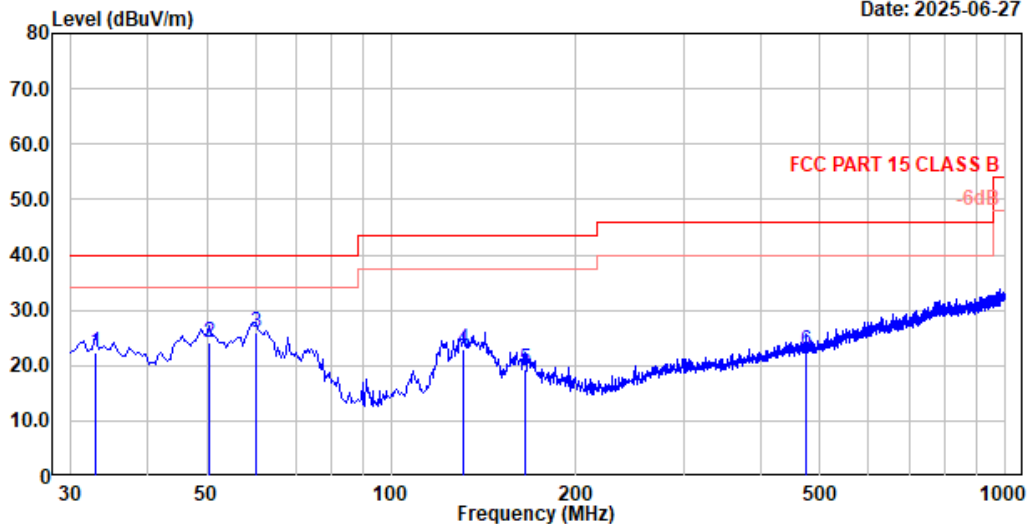
Remarks: 1.Emission Level = Antenna Factor + Cable Loss - Preamp Factor + Reading.



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File: E:\2025data\T\TOSPO1\TOSPO1\_00075.EMI

Date: 2025-06-27



Site no. : Audix (Shanghai) Chamber 3  
Dis. / Ant. : 3m / VULB 9168-708-2025  
Limit : FCC PART 15 CLASS B  
Env. / Ins. : 22'C 49%RH / ESCI  
EUT : LED wall light  
M/N : OUT-BOW5C-C1BL-DISPLAY  
Power Rating : 120V/60Hz  
Test Mode : lighting

Data no. : 75  
Ant. Pol. : Vertical  
Engineer : Carl

	Freq. (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	32.910	18.20	0.70	29.58	32.98	22.30	40.00	17.70	QP
2	50.370	19.60	0.85	29.50	33.19	24.14	40.00	15.86	QP
3	60.070	19.09	0.91	29.46	35.27	25.81	40.00	14.19	QP
4	131.365	17.64	1.30	29.24	33.31	23.01	43.50	20.49	QP
5	164.830	18.92	1.44	29.00	27.90	19.26	43.50	24.24	QP
6	474.260	23.19	2.55	29.30	26.25	22.69	46.00	23.31	QP

Remarks: 1.Emission Level = Antenna Factor + Cable Loss - Preamp Factor + Reading.

## 5 MEASUREMENT UNCERTAINTY LIST

The measurement uncertainty was estimated for test on the EUT according to CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage of K=2.

The uncertainties value is not used in determining the PASS/FAIL results.

Test Items/Facilities	Frequency/Equipment/Unit	Uncertainty
Estimation of Uncertainty for Conduction Emission (Shielded Room-1)	9kHz~150kHz(50Ω/50μH -AMN)	3.74 dB
	150kHz~30MHz(50Ω/50μH -AMN)	3.34 dB
	150kHz~30MHz(50Ω/50μH -AMN-CAT 3)	3.62 dB
	150kHz~30MHz(50Ω/50μH -AMN-CAT 5)	3.60 dB
	150kHz~30MHz(50Ω/50μH -AMN-CAT 6)	4.24 dB
	9kHz~30MHz(VP, considering the effect of mains impedance when compared with AMN)	24.64 dB
	9kHz~30MHz(VP)	2.78 dB
	9kHz~30MHz(CP, considering the effect of AE impedance when compared with AMN)	24.64 dB
Estimation of Uncertainty for Conduction Emission (Shielded Room-3)	9kHz~150kHz(50Ω/50μH -AMN)	3.74 dB
	150kHz~30MHz(50Ω/50μH -AMN)	3.34 dB
	Disturbance Voltage at the Tuner Asymmetric Ports	2.56 dB
Estimation of Uncertainty for Power Clamp	30MHz~300MHz (Absorbing Clamp)	4.50 dB
Estimation of Uncertainty for CDNE	30MHz~300MHz (CDNE-M210)	3.72 dB
	30MHz~300MHz (CDNE-M310)	3.70 dB
Estimation of Uncertainty for EMF	20kHz~10MHz	1.60 dB
Estimation of Uncertainty for Radiated Emission	30M~200MHz (Vertical)	4.66dB
	30M~200MHz (Horizontal)	4.40dB
	200M~1000MHz (Vertical)	5.25dB
	200M~1000MHz (Horizontal)	4.04dB
	1G~6GHz	4.35dB
	6G~18G Hz	4.40dB
	18G~40G Hz	4.04dB

## 6 PHOTOGRAPHS

### 6.1 Conducted Emission Test



*FRONT VIEW*



*BACK VIEW*

## 6.2 Radiated Emission Test



*FRONT VIEW OF RADIATED EMISSION*



*BACK VIEW OF RADIATED EMISSION*

# APPENDIX

(Photos of EUT)

FIGURE 1  
LED wall light (M/N: OUT-BOW5C-C1BL)  
OUT-1

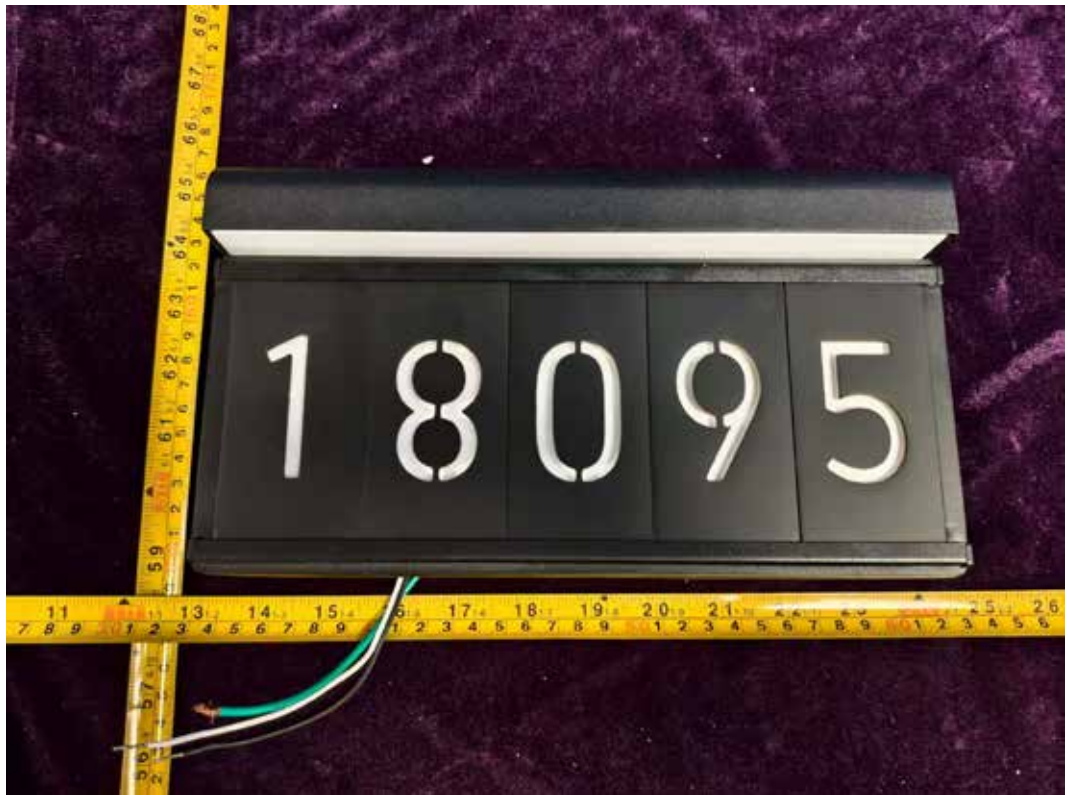
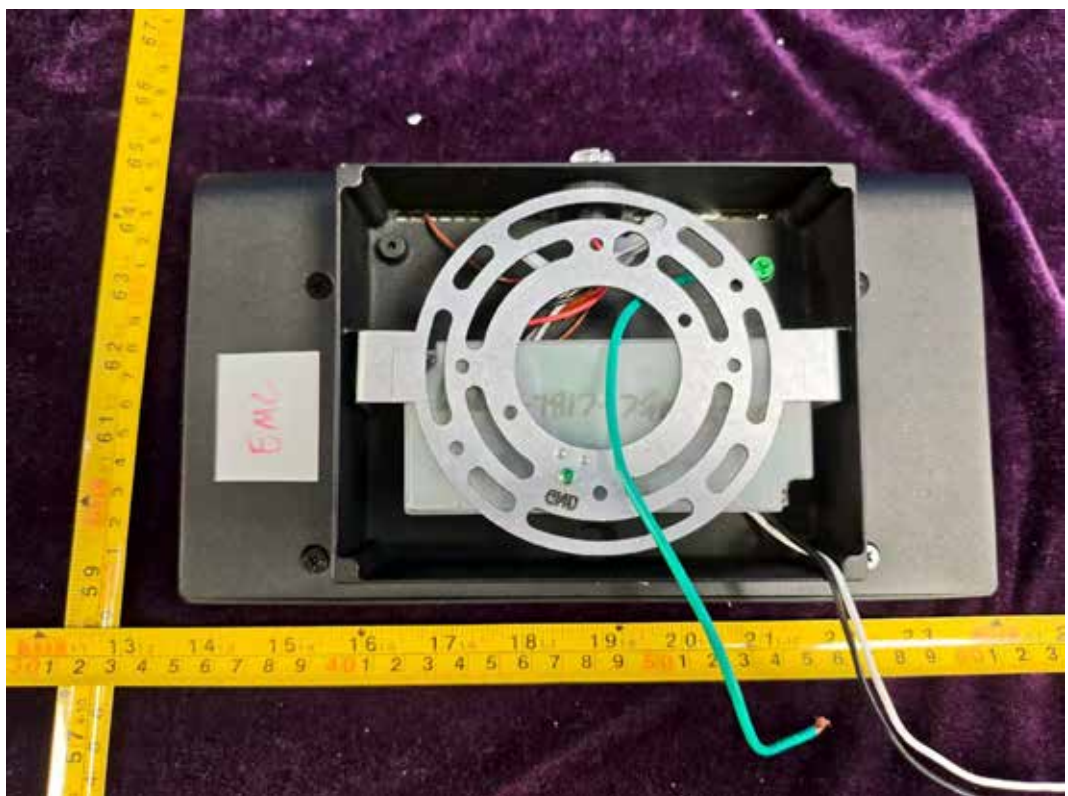
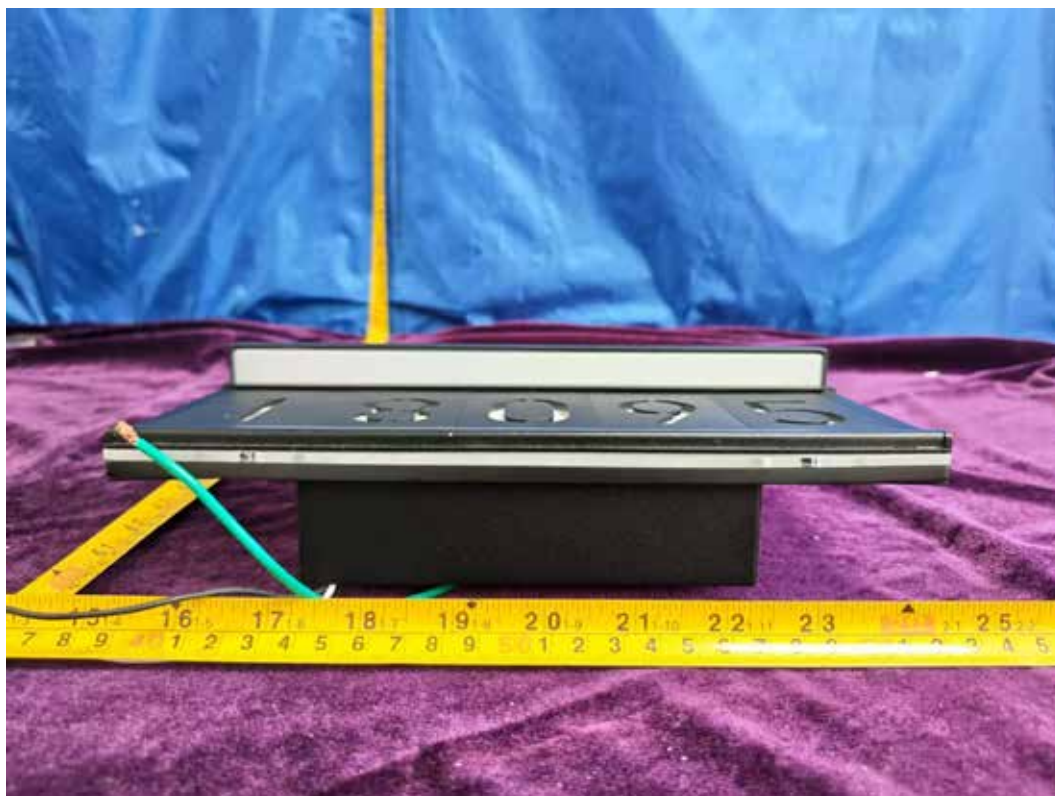


FIGURE 2  
LED wall light (M/N: OUT-BOW5C-C1BL)  
OUT-2



**FIGURE 3**  
*LED wall light (M/N: OUT-BOW5C-C1BL)*  
**OUT-3**



**FIGURE 4**  
*LED wall light (M/N: OUT-BOW5C-C1BL)*  
**OUT-4**



*FIGURE 5*  
*LED wall light (M/N: OUT-BOW5C-C1BL)*  
*OUT-5*



*FIGURE 6*  
*LED wall light (M/N: OUT-BOW5C-C1BL)*  
*OUT-6*

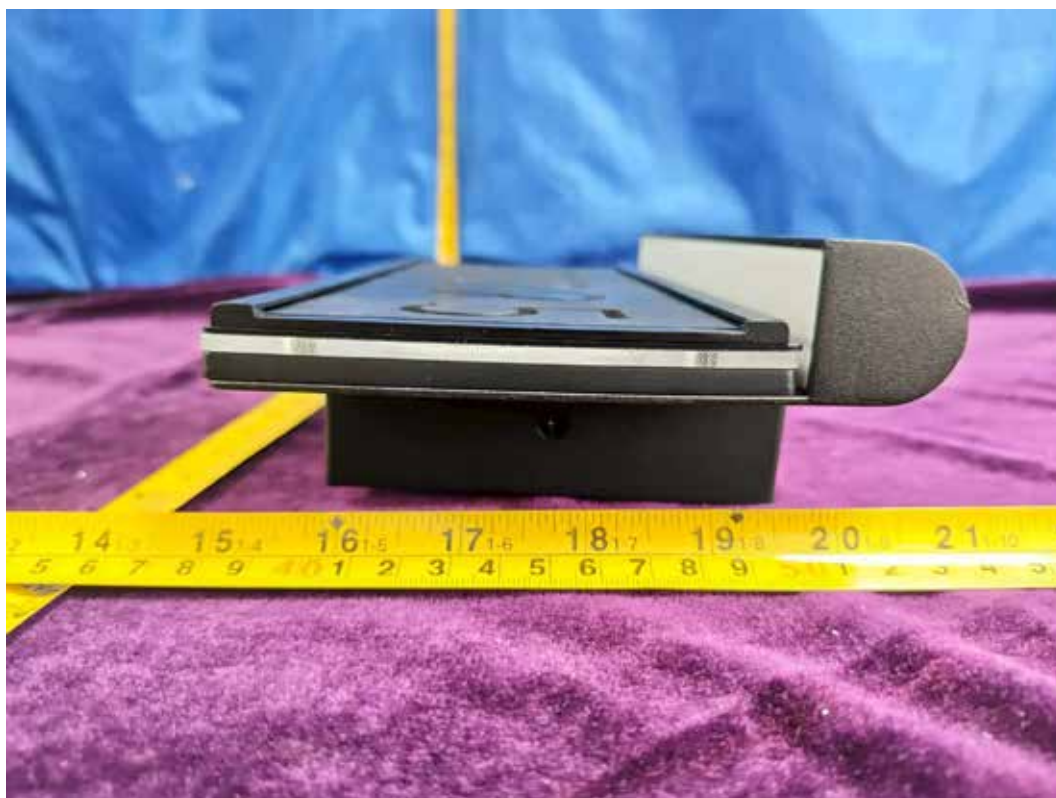


FIGURE 7  
LED wall light (M/N: OUT-BOW5C-C1BL)  
Remove cover

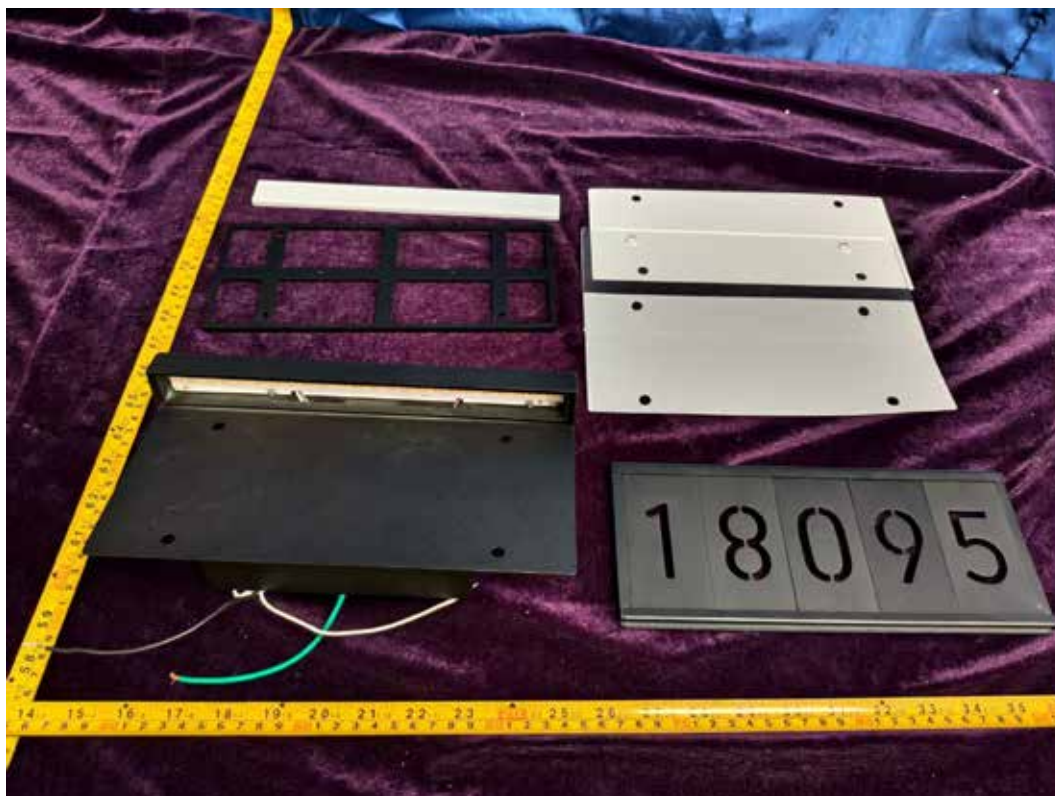


FIGURE 8  
LED wall light (M/N: OUT-BOW5C-C1BL)  
Remove cover

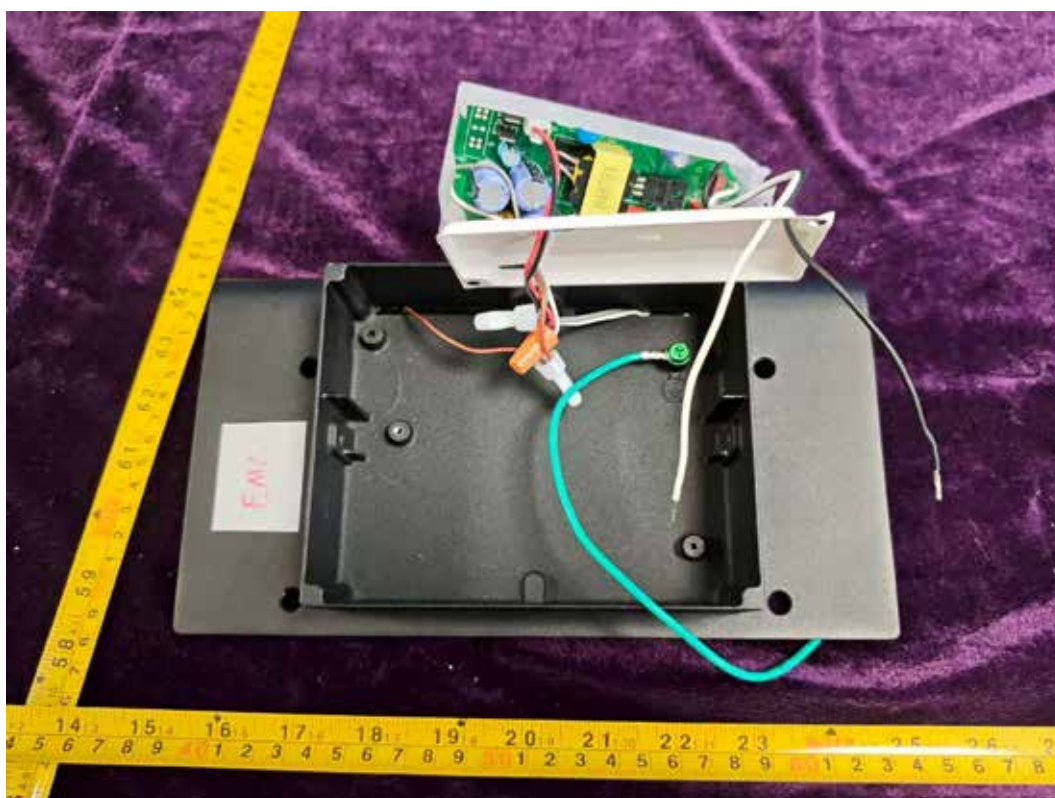


FIGURE 9  
LED wall light (M/N: OUT-BOW5C-C1BL)  
BOARD1-1

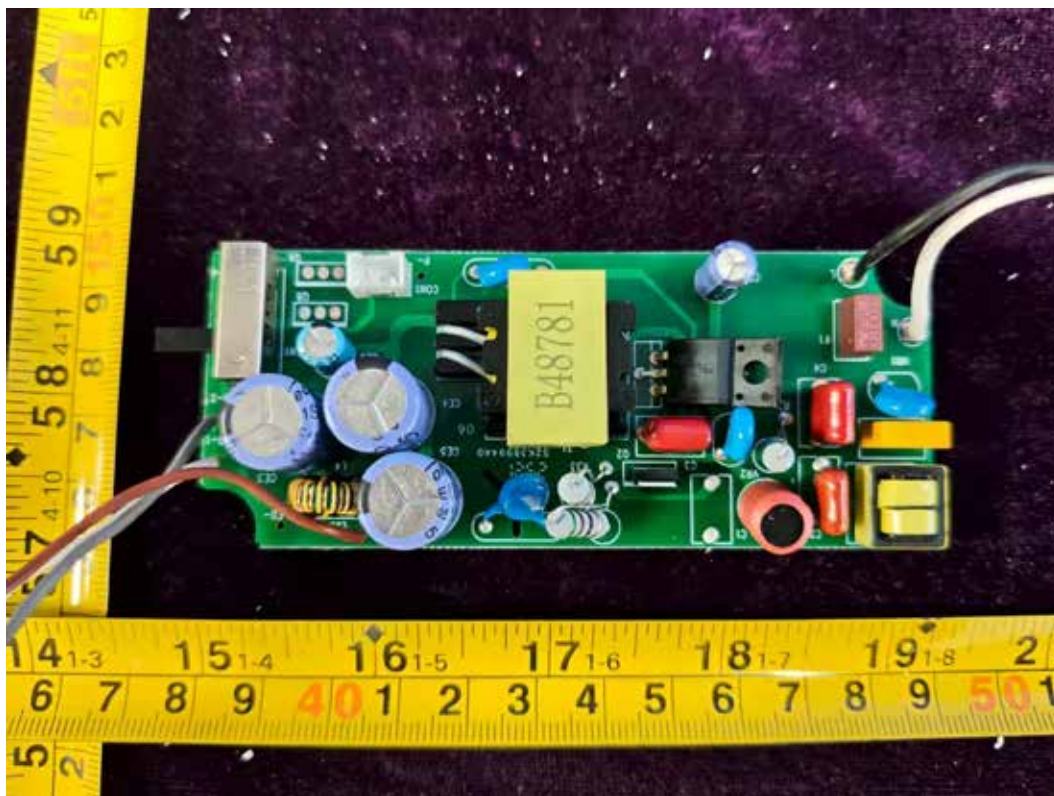


FIGURE 10  
LED wall light (M/N: OUT-BOW5C-C1BL)  
BOARD1-2

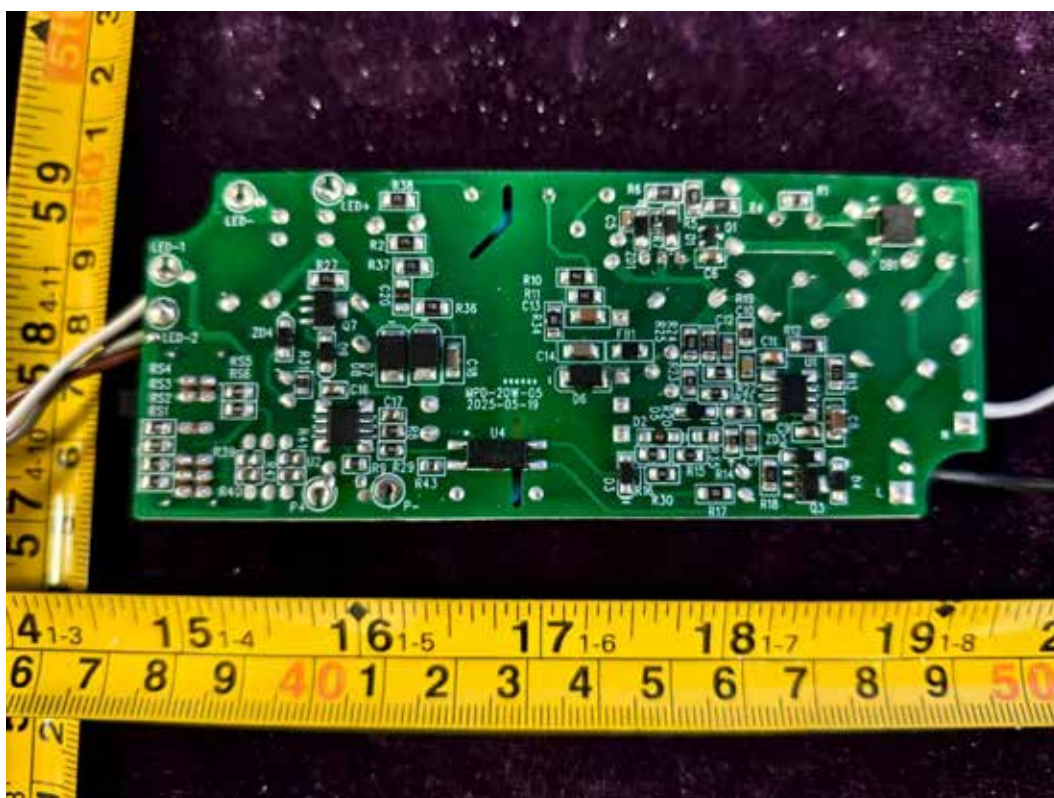


FIGURE 11  
LED wall light (M/N: OUT-BOW5C-C1BL)  
BOARD2-1



FIGURE 12  
LED wall light (M/N: OUT-BOW5C-C1BL)  
BOARD2-2



*FIGURE 13*  
*LED wall light (M/N: OUT-BOW5C-C1BL)*  
*Sensor-1*



*FIGURE 14*  
*LED wall light (M/N: OUT-BOW5C-C1BL)*  
*SENSOR-2*

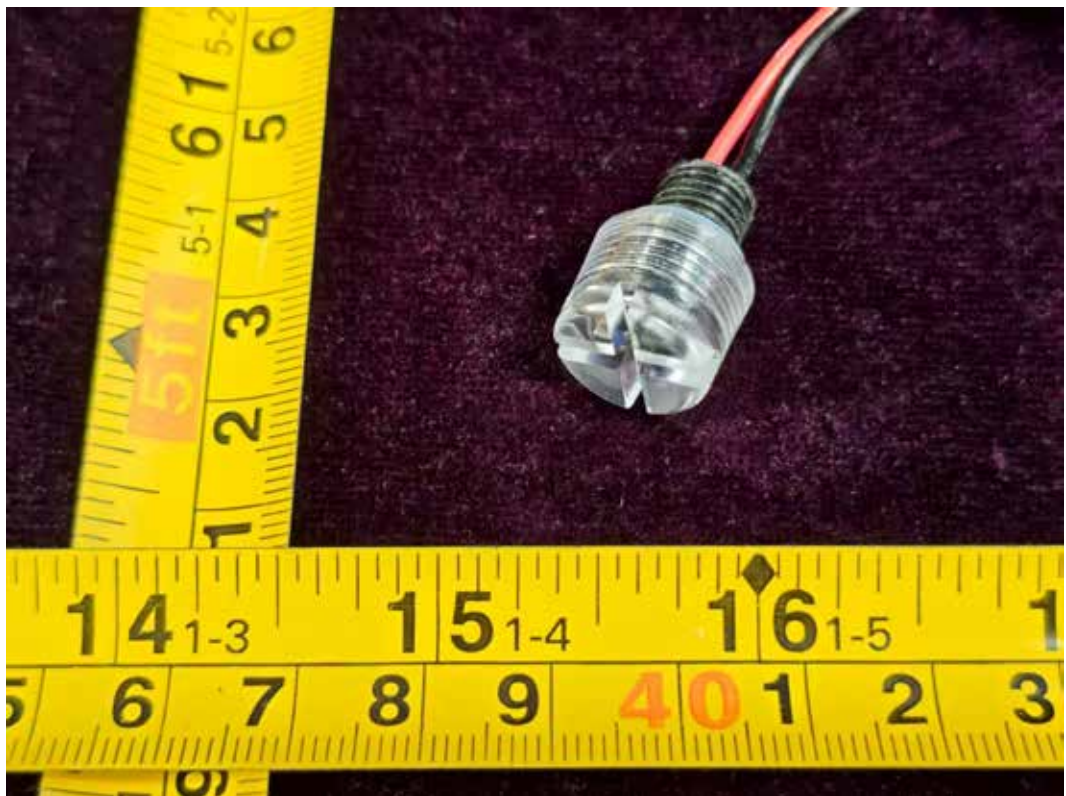


FIGURE 15  
LED wall light (M/N: OUT-BOW5C-C1BL-DISPLAY)  
OUT-1



FIGURE 16  
LED wall light (M/N: OUT-BOW5C-C1BL-DISPLAY)  
OUT-2

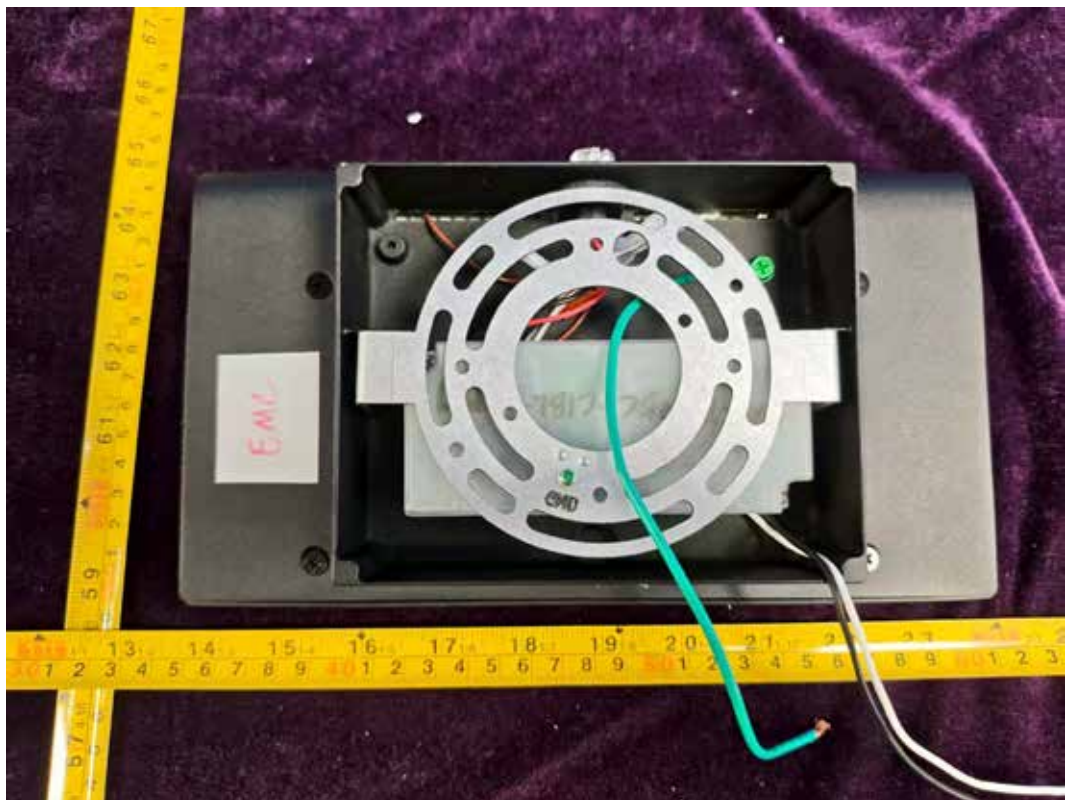


FIGURE 17  
LED wall light (M/N: OUT-BOW5C-C1BL-DISPLAY)  
OUT-3

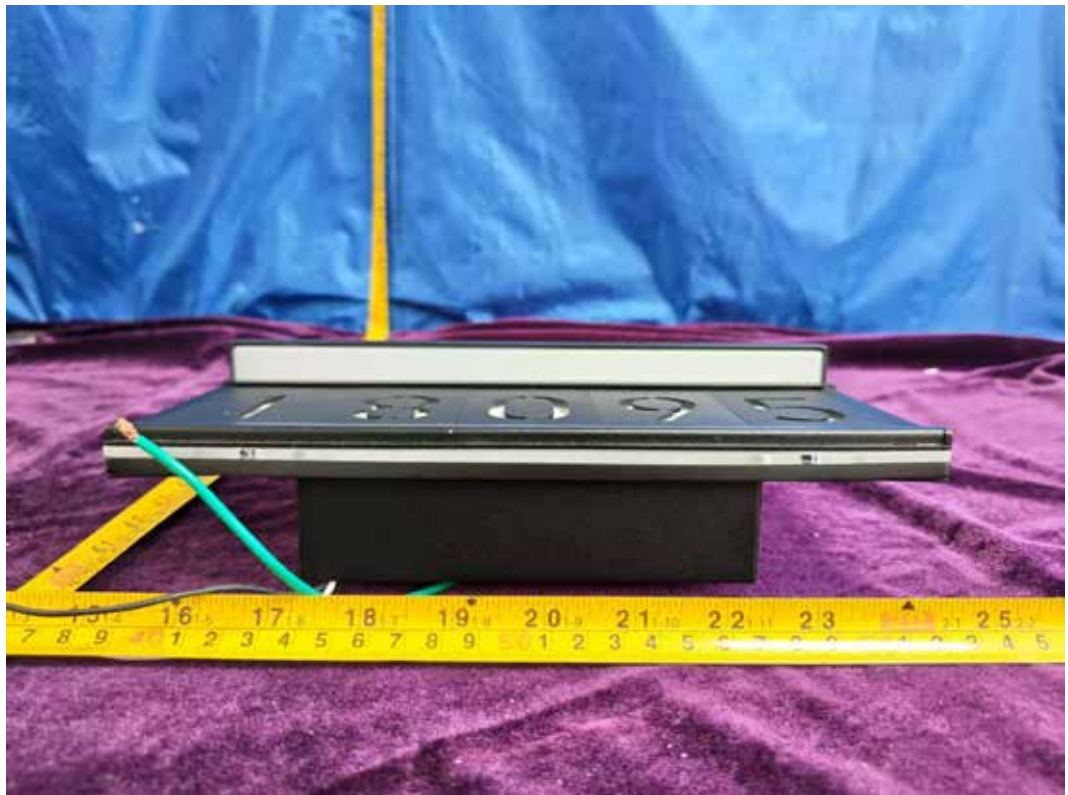


FIGURE 18  
LED wall light (M/N: OUT-BOW5C-C1BL-DISPLAY)  
OUT-4



FIGURE 19  
LED wall light (M/N: OUT-BOW5C-C1BL-DISPLAY)  
OUT-5



FIGURE 20  
LED wall light (M/N: OUT-BOW5C-C1BL-DISPLAY)  
OUT-6



FIGURE 21  
LED wall light (M/N: OUT-BOW5C-C1BL-DISPLAY)  
Remove cover

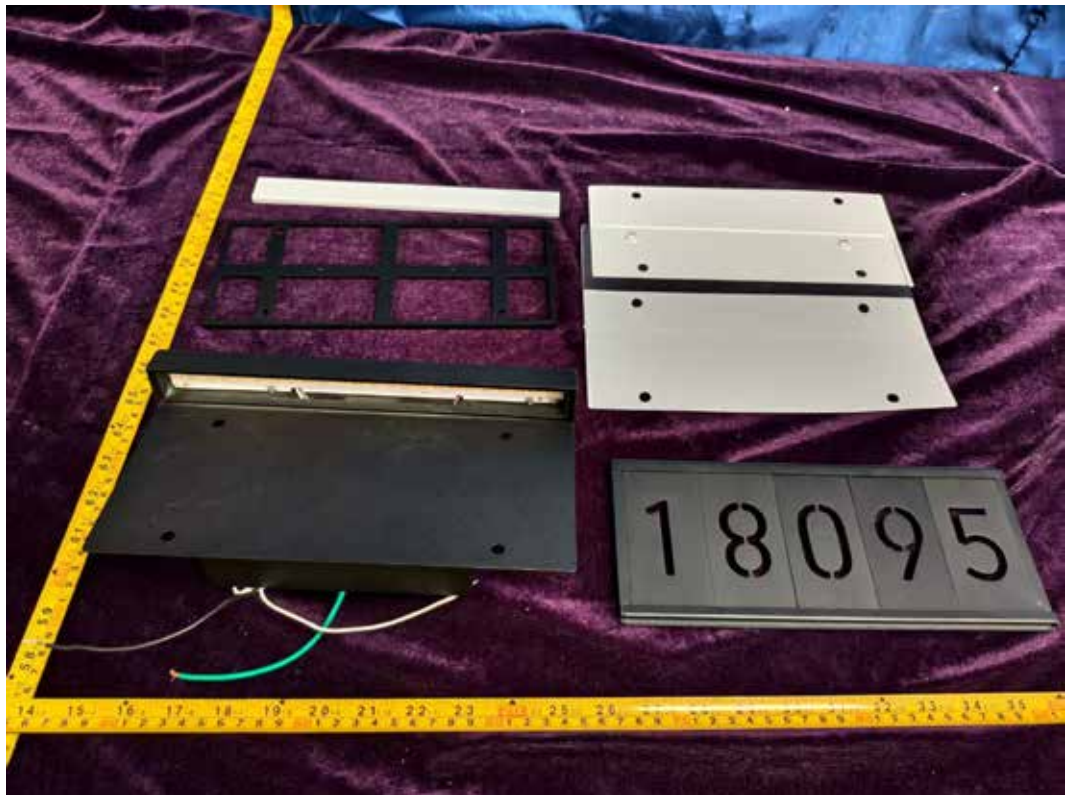


FIGURE 22  
LED wall light (M/N: OUT-BOW5C-C1BL-DISPLAY)  
Remove cover

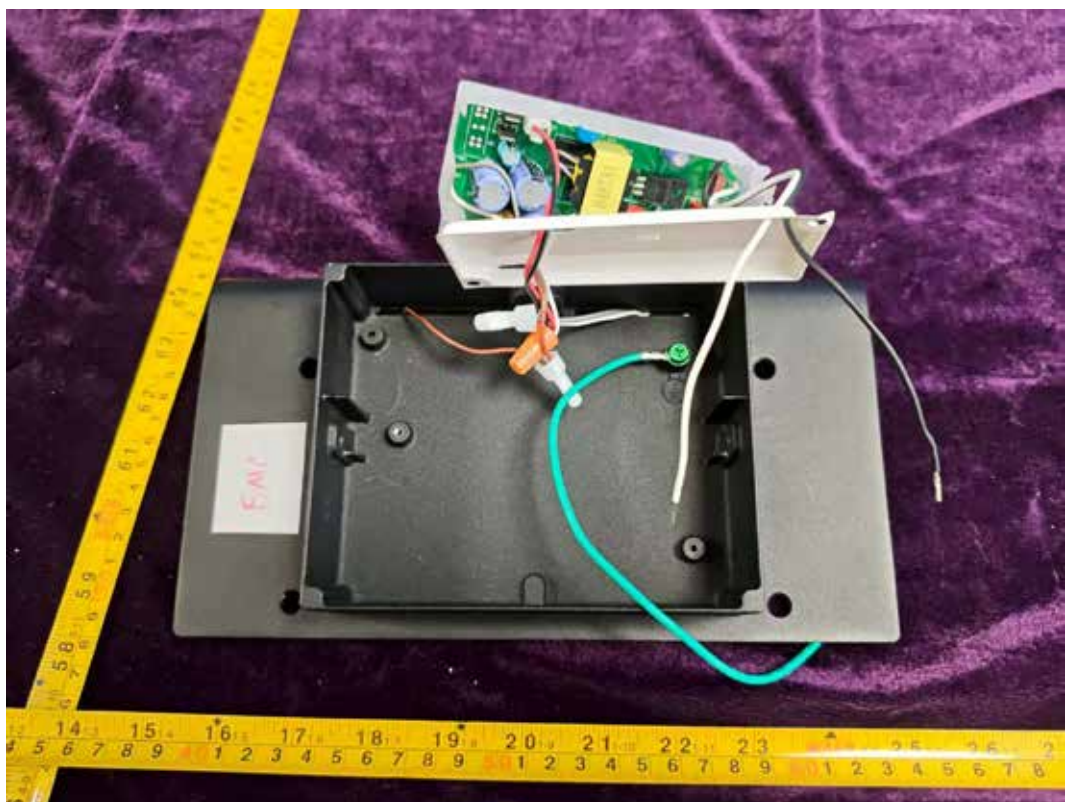


FIGURE 23  
LED wall light (M/N: OUT-BOW5C-C1BL-DISPLAY)  
BOARD1-1



FIGURE 24  
LED wall light (M/N: OUT-BOW5C-C1BL-DISPLAY)  
BOARD1-2

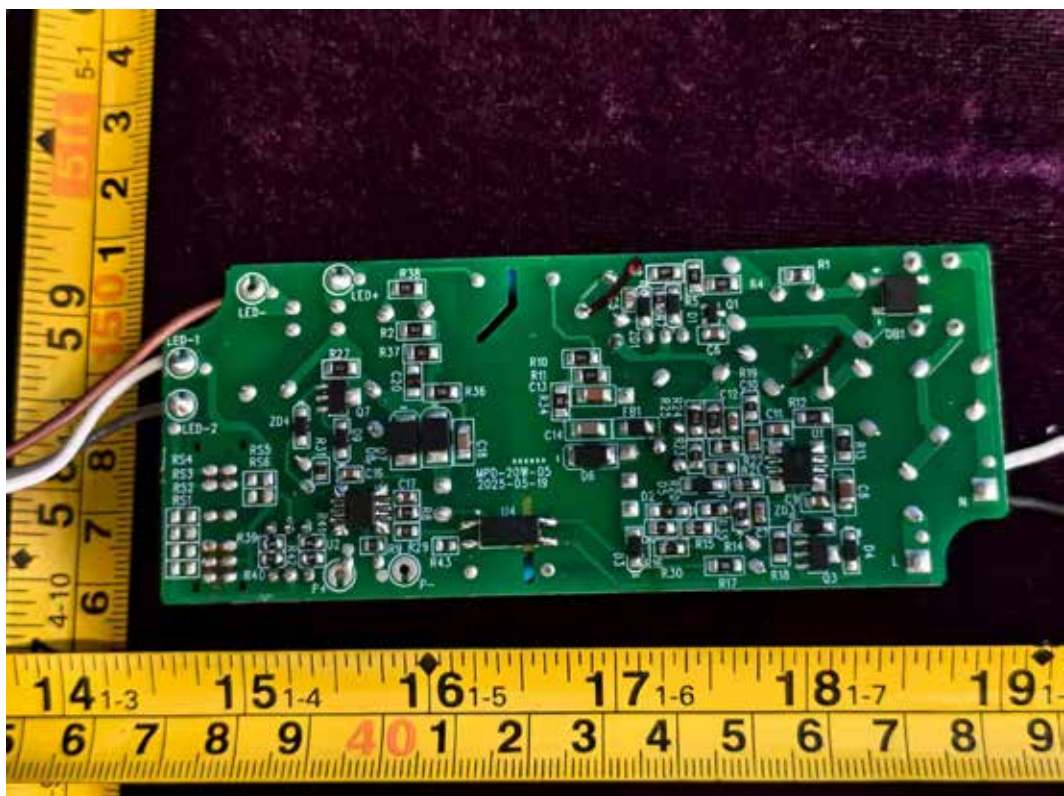


FIGURE 25  
LED wall light (M/N: OUT-BOW5C-C1BL-DISPLAY)  
BOARD2-1



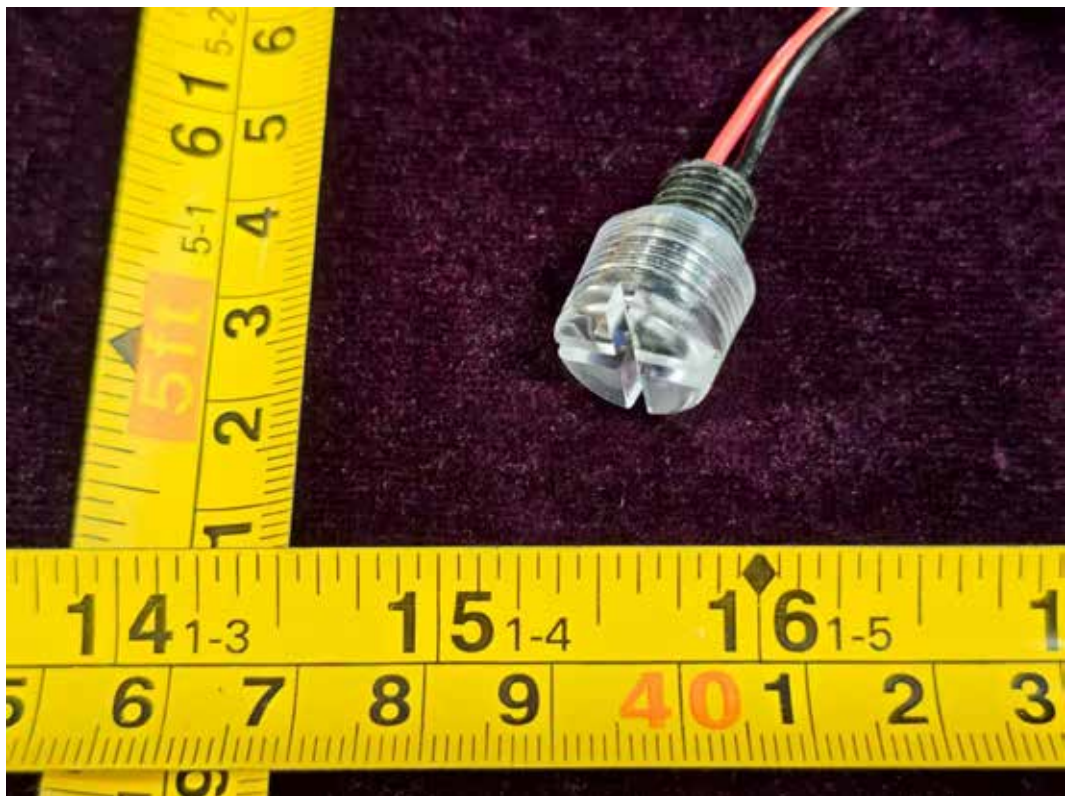
FIGURE 26  
LED wall light (M/N: OUT-BOW5C-C1BL-DISPLAY)  
BOARD2-2



FIGURE 27  
LED wall light (M/N: OUT-BOW5C-C1BL-DISPLAY)  
Sensor-1



FIGURE 28  
LED wall light (M/N: OUT-BOW5C-C1BL-DISPLAY)  
SENSOR-2



# END OF REPORT