FCC TEST REPORT

For

ARTIKA FOR LIVING INC

Dunham Flushmount LED light 5CCT walnut finish

Test Model: FM-DU5C-HD2WN

Additional Model No.: FM-DU5C-XXXXXX("XXXXXX" can be A to Z and/or 0 to 9 and/or blank (commercial code))

Prepared for	:	ARTIKA FOR LIVING INC
Address	:	1756 50th avenue, Lachine, Qc, Canada H8T 2V5
Prepared by	:	Shenzhen LCS Compliance Testing Laboratory Ltd.
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Date of receipt of test sample	:	March 06, 2025
Number of tested samples	:	1
Serial number	:	Prototype
Sample No.	:	B250114016001
Date of Test	:	March 06, 2025 to March 17, 2025
Date of Report	:	March 17, 2025

TEST REPORT

Report No.	:	**LCSA02135178E**
Date of Issue	:	March 17, 2025
Testing Laboratory Name	:	**Shenzhen LCS Compliance Testing Laboratory Ltd.**
Address	:	101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Testing Location/ Procedure	:	Full application of Harmonised standards ■ Partial application of Harmonised standards □ Other standard testing method □
Applicant's Name	:	**ARTIKA FOR LIVING INC**
Address	:	1756 50th avenue, Lachine, Qc, Canada H8T 2V5
Test Specification		
Standard	:	FCC 47 CFR Part 15, Subpart B ANSI C63.4-2014
Test Report Form No	:	TRF-4-E-010 A/0
TRF Originator	:	Shenzhen LCS Compliance Testing Laboratory Ltd.
Master TRF	:	Dated 2011-03

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Test Item Description.	:	**Dunham Flushmount LED light 5CCT walnut finish**
Trade Mark	:	ARTIKA
Test Model	:	FM-DU5C-HD2WN
Result	:	**Positive**

Compiled by:	**Supervised by:**	**Approved by:**
Emma wang / File Administrator	Cary Luo/ Technique principal	Gavin Liang / Manager

TEST REPORT

Test Report No.: LCSA02135178E	March 17, 2025 Date of issue

Test Model	:	**FM-DU5C-HD2WN**
EUT	:	Dunham Flushmount LED light 5CCT walnut finish
Applicant	:	**ARTIKA FOR LIVING INC**
Address	:	1756 50th avenue, Lachine, Qc, Canada H8T 2V5
Telephone	:	/
Fax	:	/
Manufacturer	:	**HIFLY ILLUMINATION CO.,LIMITED**
Address	:	No.2-2, Nanfeng Second Street, Guzhen Town, Zhongshan City, Guangdong Province.
Telephone	:	/
Fax	:	/
Factory	:	**HIFLY ILLUMINATION CO.,LIMITED**
Address	:	No.2-2, Nanfeng Second Street, Guzhen Town, Zhongshan City, Guangdong Province.
Telephone	:	/
Fax	:	/

Test Result	Positive

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

Revision History

Report Version	Issue Date	Revision Content	Revised By
000	March 17, 2025	Initial Issue	/

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Test Report Description Page

1. SUMMARY OF STANDARDS AND RESULTS

1.1 Description of Standards and Results

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

Description of Test Item	Standard	Limits	Result
Conducted emissions on AC mains	FCC 47 CFR Part 15, Subpart B ANSI C63.4-2014	15.107, Class B	Pass
Radiated emissions (Below 1GHz)	FCC 47 CFR Part 15, Subpart B ANSI C63.4-2014	15.109, Class B	Pass

1.2 Description of Test Modes

No	Title	Description
TM1	Working(AC 120V/60Hz)	Record

2. GENERAL INFORMATION

2.1 Description of Device (EUT)

EUT : Dunham Flushmount LED light 5CCT walnut finish

Test Model : FM-DU5C-HD2WN

Additional Model : FM-DU5C-XXXXXX("XXXXXX" can be A to Z and/or 0 to 9 and/or blank (commercial code))

Model Declaration : PCB board, structure and internal of these model(s) are the same, So no additional models were tested.

Power Supply : 120V~, 60Hz, 30W

Highest Internal Frequency : 1.705-108MHz

Classification of Equipment : Class B

Highest internal frequency (Fx)	Highest measured frequency
Fx ≤ 1.705MHz	30MHz
1.705MHz < Fx ≤ 108MHz	1GHz
108MHz < Fx ≤ 500MHz	2GHz
500MHz < Fx ≤ 1000MHz	5GHz
Fx > 1GHz	5 x Fx up to a maximum of 40GHz

2.2 Support equipment List

Manufacturer	Description	Model	Serial Number	Certificate
/	/	/	/	/

2.3 Description of Test Facility

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 – 4 “Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements” and is documented in the LCS quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

NVLAP Accreditation Code is 600167-0.
FCC Designation Number is CN5024.
CAB identifier is CN0071.
CNAS Registration Number is L4595.
Test Firm Registration Number: 254912.

2.4 Measurement Uncertainty

Test Item	**Measurement Uncertainty**
Conducted Emission (150kHz to 30MHz)	± 2.35 dB
Radiated Emission (30MHz to 1000MHz)	± 3.48 dB
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3. MEASURING DEVICES AND TEST EQUIPMENT

Conducted emissions on AC mains					
Equipment	**Manufacturer**	**Model No**	**Serial No.**	**Cal Date**	**Due Date**
EMI Test Software	Farad	EZ	/	/	/
Artificial Mains	R&S	ENV216	101288	2024-06-06	2025-06-05
Pulse Limiter	R&S	ESH3-Z2	102750-NB	2024-06-06	2025-06-05
EMI Test Receiver	R&S	ESR3	102312	2025-03-06	2026-03-05

Radiated emissions (Below 1GHz) (Above 1GHz)					
Equipment	**Manufacturer**	**Model No**	**Serial No.**	**Cal Date**	**Due Date**
EMI Test Software	AUDIX	E3	/	N/A	N/A
By-log Antenna	SCHWARZBECK	VULB9163	01143	2024-07-20	2027-07-19
Horn Antenna	SCHWARZBECK	3115	EABF-018	2024-07-20	2027-07-19
EMI Test Receiver	R&S	ESR3	102311	2024-06-06	2025-06-05
Broadband Preamplifier	/	BP-01M18G	P190501	2024-06-06	2025-06-05
EMI Test Receiver	R&S	ESCI7	101173	2024-10-06	2025-10-07
By-log Antenna	SchwarzZBECK	VULB9163	01565	2024-07-13	2027-07-12
EMI Test Software	Farad	EZ	/	N/A	N/A

4. EMISSION TEST RESULTS (EMI)

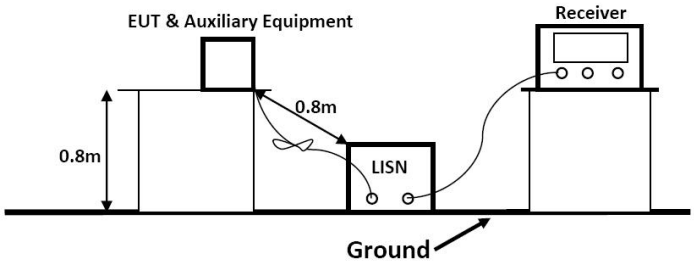
4.1 Conducted emissions on AC mains

Test Requirement:	15.107, Class B
Test Limit:	**Frequency of emission (MHz)** / **Conducted limit (dBμV)** (Quasi-peak / Average) 0.15-0.5: 66 to 56* / 56 to 46* 0.5-5: 56 / 46 5-30: 60 / 50 *Decreases with the logarithm of the frequency.
Test Method:	ANSI C63.4-2014
Procedure:	An initial pre-scan was performed with peak detector.Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected. Remark: Level= Read Level+ Cable Loss+ LISN Factor

4.1.1 E.U.T. Operation:

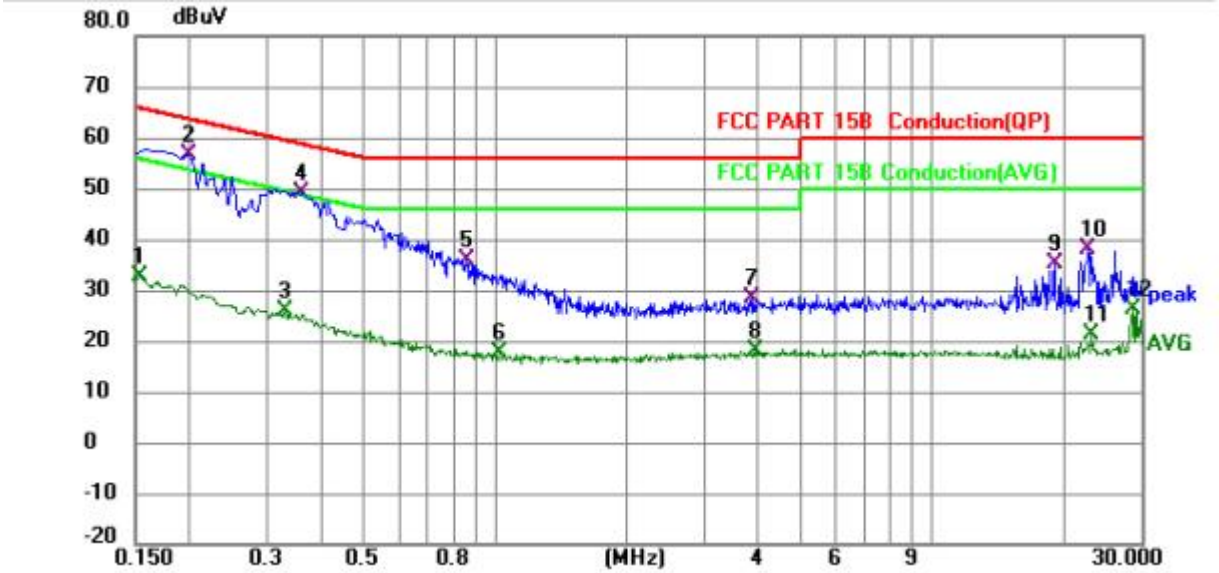
Operating Environment:			
Temperature:	22.5 °C	Humidity:	53.7 %
Pre test mode:	TM1		
Final test mode:	TM1		

4.1.2 Test Setup Diagram:



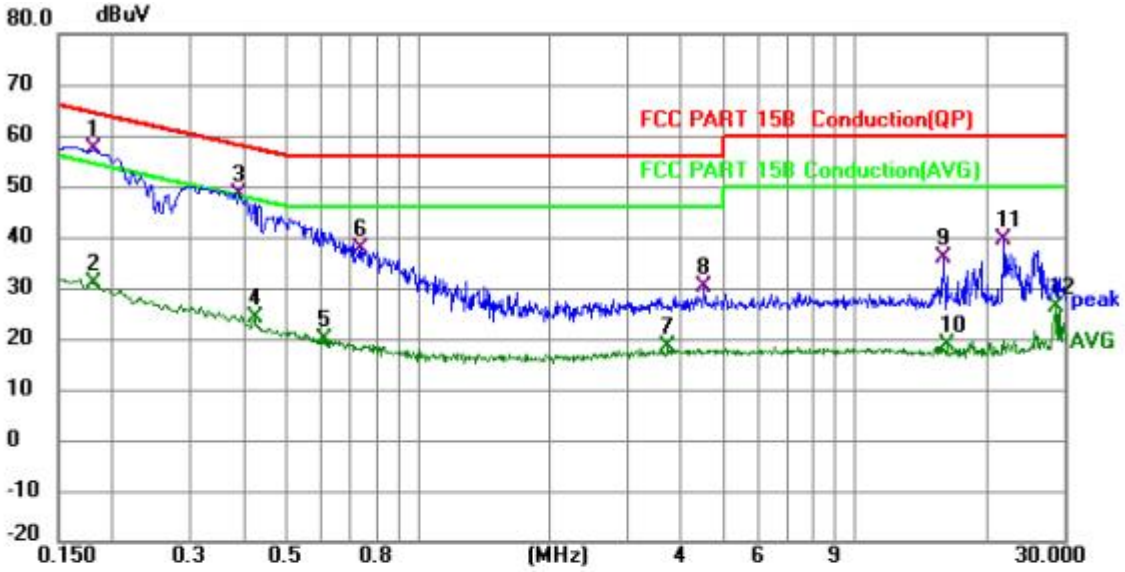
4.1.3 Test Data:

TM1 / Line: Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.154	12.04	20.63	32.67	55.79	-23.12	AVG	
2	*	0.200	35.90	20.67	56.57	63.61	-7.04	QP	
3		0.330	5.21	20.79	26.00	49.45	-23.45	AVG	
4		0.361	28.18	20.82	49.00	58.71	-9.71	QP	
5		0.866	14.83	20.93	35.76	56.00	-20.24	QP	
6		1.023	-3.36	20.94	17.58	46.00	-28.42	AVG	
7		3.872	7.71	20.82	28.53	56.00	-27.47	QP	
8		3.925	-2.76	20.83	18.07	46.00	-27.93	AVG	
9		19.090	14.31	20.77	35.08	60.00	-24.92	QP	
10		22.749	17.17	20.80	37.97	60.00	-22.03	QP	
11		23.226	0.33	20.83	21.16	50.00	-28.84	AVG	
12		28.684	5.31	20.88	26.19	50.00	-23.81	AVG	

TM1 / Line: Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.182	36.63	20.60	57.23	64.40	-7.17	QP	
2		0.182	10.32	20.60	30.92	54.40	-23.48	AVG	
3		0.389	27.63	20.82	48.45	58.09	-9.64	QP	
4		0.421	3.20	20.84	24.04	47.43	-23.39	AVG	
5		0.608	-1.15	20.89	19.74	46.00	-26.26	AVG	
6		0.735	16.72	20.88	37.60	56.00	-18.40	QP	
7		3.720	-2.66	20.88	18.22	46.00	-27.78	AVG	
8		4.501	9.41	20.77	30.18	56.00	-25.82	QP	
9		15.885	15.11	20.67	35.78	60.00	-24.22	QP	
10		16.140	-1.85	20.67	18.82	50.00	-31.18	AVG	
11		21.830	18.77	20.72	39.49	60.00	-20.51	QP	
12		28.603	5.19	20.90	26.09	50.00	-23.91	AVG	

***Note: 1) Pre-scan all modes and recorded the worst case results in this report.

2) Margin= Reading level + Correct factor–Limit

Correct Factor=Lisn Factor+Cable Factor+Insertion loss of Pulse Limitter

4.2 Radiated emissions (Below 1GHz)

Test Requirement:	15.109, Class B
Test Limit:	Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

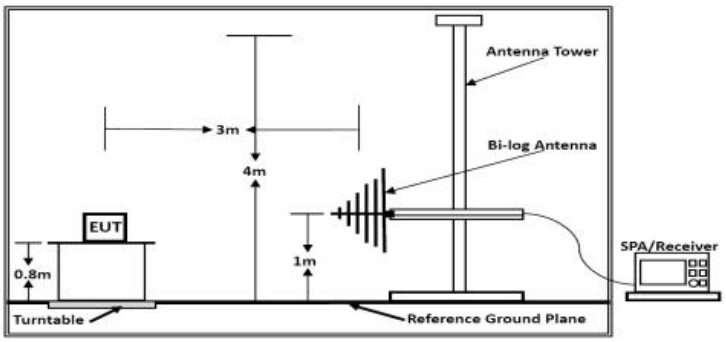
Frequency of emission (MHz)	Field strength @3m		Field strength @10m	
	(uV/m)	(dBuV/m)	(uV/m)	(dBuV/m)
30 – 88	100	40	30	29.5
88 – 216	150	43.5	45	33.1
216 – 960	200	46	60	35.6
Above 960	500	54	150	43.5

Test Method:	ANSI C63.4-2014
Procedure:	An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities. Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

4.2.1 E.U.T. Operation:

Operating Environment:			
Temperature:	22.3 °C	Humidity:	53 %
Pre test mode:	TM1		
Final test mode:	TM1		

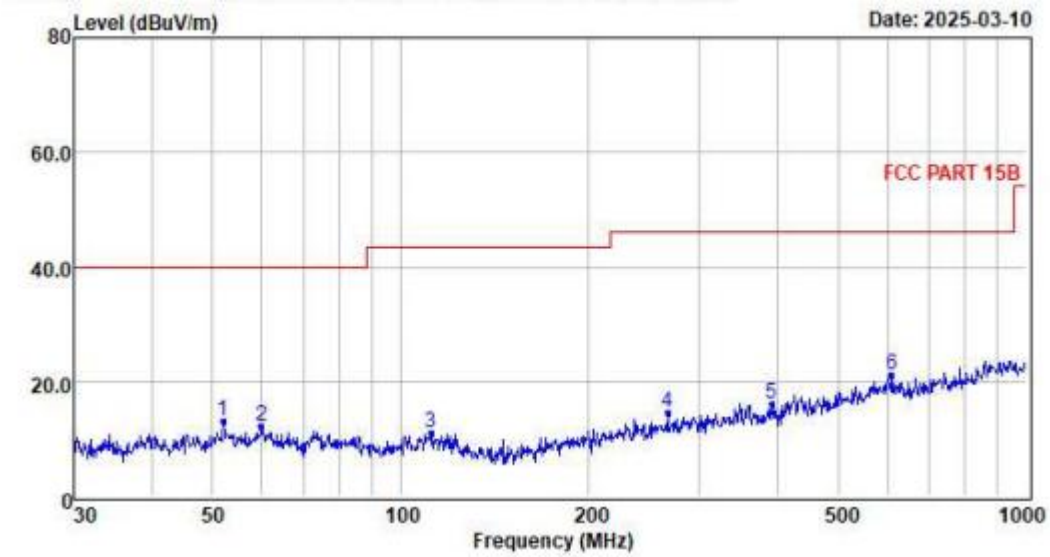
4.2.2 Test Setup Diagram:



Below 1GHz

4.2.3 Test Data:

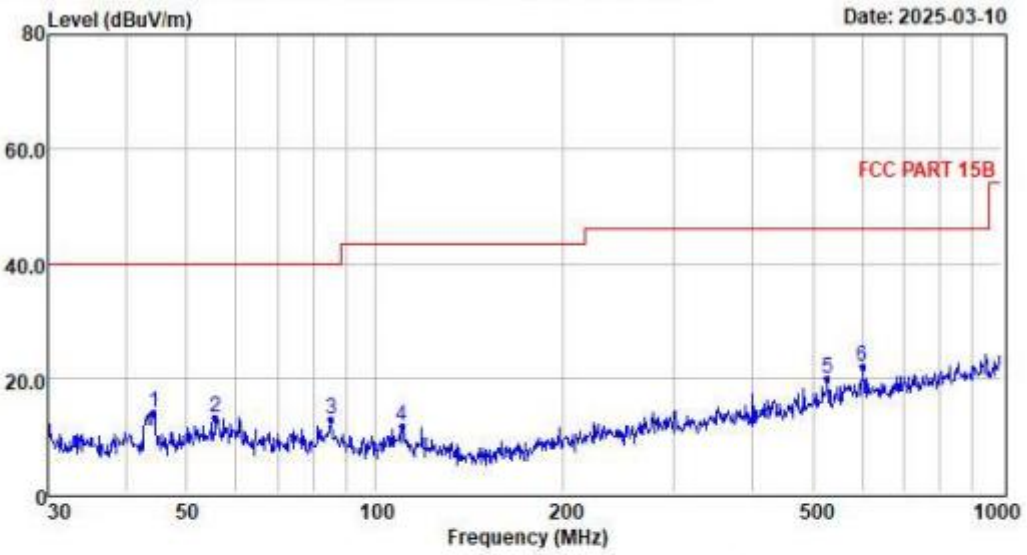
TM1 / Polarization: Horizontal



	Freq	Reading	CabLos	Antfac	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB	
1	52.03	-0.24	0.61	12.58	12.95	40.00	-27.05	QP
2	59.86	-0.93	0.65	12.50	12.22	40.00	-27.78	QP
3	111.74	-1.14	0.86	11.26	10.98	43.50	-32.52	QP
4	267.55	0.29	1.28	12.97	14.54	46.00	-31.46	QP
5	392.10	0.01	1.39	14.64	16.04	46.00	-29.96	QP
6	609.92	0.48	1.53	19.16	21.17	46.00	-24.83	QP

Note: 1. All readings are Quasi-peak values.
2. Measured= Reading + Antenna Factor + Cable Loss
3. The emission that are 20db below the official limit are not reported

TM1 / Polarization: Vertical



	Freq	Reading	CabLos	Antfac	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB	
1	44.28	2.07	0.55	11.41	14.03	40.00	-25.97	QP
2	55.61	-0.01	0.63	12.54	13.16	40.00	-26.84	QP
3	85.00	2.35	0.75	9.65	12.75	40.00	-27.25	QP
4	110.57	-0.51	0.86	11.35	11.70	43.50	-31.80	QP
5	528.25	0.99	1.50	17.32	19.81	46.00	-26.19	QP
6	601.43	1.31	1.50	19.28	22.09	46.00	-23.91	QP

Note: 1. All readings are Quasi-peak values.
2. Measured= Reading + Antenna Factor + Cable Loss
3. The emission that are 20db below the official limit are not reported

Note:1).Pre-Scan all mode, Thus record worse case mode result in this report.

2) Margin= Reading level + Correct factor – Limit

Correct Factor=Antenna Factor+Cable Factor- Pre-amplifier Factor

5. TEST SETUP PHOTOS

Refer to Appendix - Test Setup Photos for LCSA02135178E.docx

6. EUT CONSTRUCTIONAL DETAILS (EUT PHOTOS)

Refer to Appendix - EUT Photos for LCSA02135178E.docx

--- End of Report ---