Shenzhen AOCE Electronic Technology Service Co., Ltd.Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu Industrial Park, Fuhai Street, Baoan District,
Shenzhen, Guangdong, ChinaTel: (86)755-85277785Fax: (86)755-23705230Http://www.aoc-cert.comEmail: postmaster@aoc-cert.com

Report No.: AOC250508002R

TEST REPORT

Client company SBC LIGHTING SDN BHD : No, 15 JALAN SKI 4/KU7, KAWASAN INDUSTRI HI TECH, SUNGAI KAPAR Client address 2 INDAH, 42200, KAPAR, SELANGOR D.E, MALAYSIA Manufacturer 2 SBC LIGHTING SDN BHD No, 15 JALAN SKI 4/KU7, KAWASAN INDUSTRI HI TECH, SUNGAI KAPAR Address 5 INDAH, 42200, KAPAR, SELANGOR D.E, MALAYSIA Report on the submitted samples said to be: Sample Name LED Flood Light 1 Trade Mark 2 Style/ Item No. See Model List : Sample Receiving Date : April 28, 2025 Testing Period 5 April 28, 2025 ~ May 8, 2025 Results Please refer to next page(s). 2 Summary of Test Results: TEST REQUEST CONCLUSION RoHS Directive (EU) 2017/2102 amending Annex II to Directive 2011/65/EU. A POSITIVE Signed for and on behalf of AOCE

Written By:

Junny Su

Approved by:

Alice zhou

Alice Zhou Manager

Sunny Su File administrators

Report No.: AOC250508002R

Results:

A. EU RoHS Directive 2011/65/EU and its amendment directives on XRF

Test method: With reference to IEC 62321-3-1:2013, Screening by X-ray Fluorescence Spectroscopy (XRF)

Seq.	Tested Part(s)	Results					
No.	Testeu Fart(s)	Pb	Cd	Hg	Cr	Br	
1	black metal enclosure	BL	BL	BL	BL	BL	
2	Gray metal enclosure	BL	BL	BL	BL	BL	
3	Black wire	BL	BL	BL	BL	BL	
4	Lamp bead	BL	BL	BL	BL	BL	
5	Lampshade	BL	BL	BL	BL	BL	
6	Silver metal screw	BL	BL	BL	BL	BL	
7	Chips of resistance	BL	BL	BL	BL	BL	
8	Chips of capacitance	BL	BL	BL	BL	BL	
9	РСВ	BL	BL	BL	BL	BL	
10	Solder on PCB	BL	BL	BL	BL	BL	

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Note:

- -- = Not Conducted
 - Screening by XRF and detected by chemical method. The test results of chemical method please refer to next pages.
- i Results were obtained by XRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1:2013.

Element	Unit	Non-metal	Metal	Composite Material
Cd	mg/kg	BL≤70-3σ <x <130+3σ≤OL</x 	BL≤70-3σ <x <130+3σ≤OL</x 	BL≤50-3σ <x <150+3σ≤OL</x
Pb	mg/kg	BL≤700-3σ <x <1300+3σ≤OL</x 	BL≤700-3σ<Χ <1300+3σ≤OL	BL≤500-3σ <x <1500+3σ≤OL</x
Hg	mg/kg	BL≤700-3σ <x <1300+3σ≤OL</x 	BL≤700-3σ <x <1300+3σ≤OL</x 	BL≤500-3σ <x <1500+3σ≤OL</x
Cr	mg/kg	BL≤700-3σ<Χ	BL≤700-3σ<Χ	BL≤500-3σ<Χ
Br	mg/kg	BL≤300-3σ<Χ		BL≤250-3σ<Χ

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Note:

Limit

- OL = Over Limit
- X = Inconclusive
- ii The XRF screening test for RoHS elements The reading may be different to the actual content in the sample be of non-uniformity composition.
- iii The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2011/65/EU:

RoHS Restricted Substances	Maximum Concentration Value (mg/kg) (by weight in homogenous materials)
Cadmium (Cd)	100
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent Chromium (Cr(VI))	1000
Polybrominated biphenyls (PBBs)	1000
Polybrominated diphenylethers (PBDEs)	1000
Bis(2-ethylhexyl) phthalate(DEHP)	1000
Butyl benzyl phthalate(BBP)	1000
Dibutyl phthalate(DBP)	1000
Diisobutyl phthalate(DIBP)	1000

Disclaimers:

This XRF Screening report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.

The result shown in this XRF screening report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.

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B. The Test Results of Chemical Method:

Test method:

Lead & Cadmium Content: With reference to IEC 62321-5:2013, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-AES)

Mercury Content: With reference to IEC 62321-4:2013, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-AES)

Hexavalent Chromium Content: With reference to IEC 62321-7-1:2013, by alkaline digestion and analysis was performed by UV-visible spectrophotometer (UV-Vis)

PBBs & PBDEs Content: With reference to IEC 62321-6:2015, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Phthalates Content: With reference to IEC 62321-8:2017, by gas chromatography-mass spectrometry (GC-MS)

1) The test results of Lead (Pb)

Itom	Unit	MDI	Res	ults	l insit	
Item	Unit	MDL	(1)	(2)	Limit	
Lead Content (Pb)	mg/kg	2	38	21	1000 mg/kg	
Conclusion	1	1	Pass	Pass	/	

2) The test results of PBBs & PBDEs

ltem	Unit	MDL	Results		Results		Limit
item	Unit	WIDL	1	2	Limit		
Polybrominated Biphenyls (PBBs)							
Monobromobiphenyl	mg/kg	5	N.D.	N.D.			
Dibromobiphenyl	mg/kg	5	N.D.	N.D.			
Tribromobiphenyl	mg/kg	5	N.D.	N.D.			
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.			
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.			
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.			
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.			

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Octabromobiphenyl	mg/kg	5	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	
Total content	mg/kg	1	N.D.	N.D.	1000 mg/kg
Polybrominated Diphenylethers (PBDEs)(Mon-Deca)					
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	
Total content	mg/kg	1	N.D.	N.D.	1000 mg/kg

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Item	Unit	MDL	Results					l imit
tem	Unit		(1)	(2)	(3)	(4)	(5)	Limit
Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	1000 mg/kg
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	1000 mg/kg
Bis(2-ethylhexyl)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	1000 mg/kg
Phthalate(DEHP)	mg/kg		N.D.	N.D.	N.D.	N.D.	N.D.	1000 mg/kg
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	1000 mg/kg

Item	Unit	MDL	Results					Limit
item	Unit	IVIDE	(6)	(7)	(8)	(9)	(10)	LIIIII
Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	1000 mg/kg
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	1000 mg/kg
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	1000 mg/kg
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	1000 mg/kg

Note:

- N.D. = Not Detected or less than MDL
- mg/kg = ppm
- MDL = Method Detection Limit
- Photo appendix is included.

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Appendix

Photograph of Sample

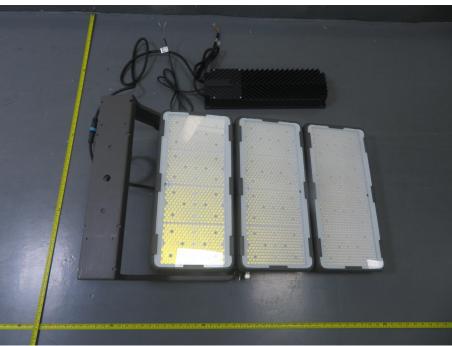


Fig.1

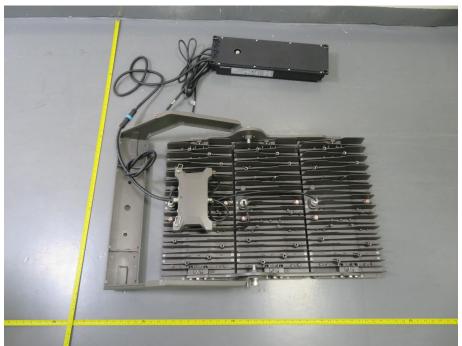
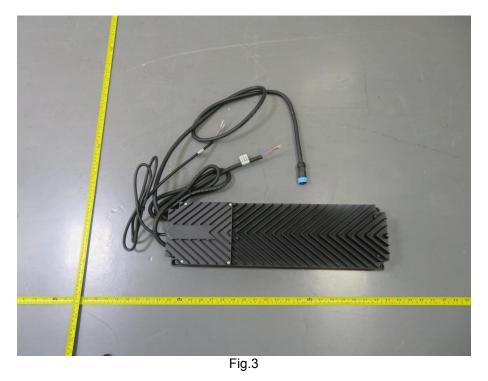


Fig.2

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Model	Rating	LED Driver	LED Qty.
VL-VL-G4.5-300W	AC 220-277V, 50/60Hz,	N7-240M260A12 2pcs	2835:
VL-VL-G4.5-300VV	300W	600FGH420C 1pc	(12C6B+16C7B)×
VL-VL-G4.5-350W	AC 220-277V, 50/60Hz,	N7-240M260A12 2pcs	2+(8C7B+20C8B) ×
VL-VL-G4.5-550VV	350W	600FGH420C 1pc	2
VL-VL-G4.5-400W	AC 220-277V, 50/60Hz,	N7-240M260A12 2pcs	3030:
VE-VE-G4.3-400VV	400W	600FGH420C 1pc	(26C4B+16C5B)×
VL-VL-G4.5-450W	AC 220-277V, 50/60Hz,	N7-240M260A12 2pcs	2+(36C5B+6C6B)×2
VE-VE-04.3-43000	450W	600FGH420C 1pc	2424:
		N7-240M260A12 2pcs	(68C2B+16C3B)×
		600FGH420C 1pc	2+36C2B+48C3B)× 2
	AC 220-277V, 50/60Hz,	EUM-480S280MG 1pc	3030: 816pcs or
VL-VL-G4.5-500W	500W	EUM-480S280BG 1pc	810 pcs; or
		EUM-680S350MG 1pc	2835: 816pcs or
		EUM-680S350BG 1pc	810pcs or
		S6-600D360 1pc	3535: 240pcs; or
		S6-600R360 1pc	2424: 240pcs:
		EUM-680S350MG 1pc	
	AC 220-277V, 50/60Hz,	EUM-680S350BG 1pc	
VL-VL-G4.5-600W	AC 220-277V, 50/00H2, 600W	600FGH420C 1pc	
	00077	S6-600D360 1pc	0000 010 000
		S6-600R360 1pc	3030: 816pcs or
VL-VL-G4.5-800W	AC 220-277V, 50/60Hz, 800W	EUM-880S420MG 1pc	810 pcs; or 2835: 816pcs or
		EUM-480S280MG 2pcs	810pcs or 3535: 240pcs; or
		EUM-480S280BG 2pcs	2424: 240pcs; 01
VL-VL-G4.5-1000W	AC 220-277V, 50/60Hz,	EUM-680S350MG 2pcs	2424. 240pcs.
VL-VL-G4.5-1000VV	1000W	EUM-680S350BG 2pcs	
		S6-1K2D500 1pc	
		S6-1K2R500 1pc	
		EUM-680S350MG 2pcs	
	AC 220-277V, 50/60Hz,	EUM-680S350BG 2pcs	3030: 1632pcs or
VL-VL-G4.5-1200W	1200W	S6-1K2D500 1pc	1620pcs
		S6-1K2R500 1pc	or
	AC 220 2771/ 50/6011-	1800STH500C-xxxxx 1pc	2835: 1632pcs or
VL-VL-G4.5-1500W	AC 220-277V, 50/60Hz,	HDE-1800STH500C 1pc	1620pcs or
	1500W	EUM-880S420MG 2pcs	3535: 480pcs; or
VL-VL-G4.5-1600W	AC 220-277V, 50/60Hz, 1600W	EUM-880S420MG 2pcs	2424: 480pcs:
		EUM-480S280MG 3pcs	3030: 2448pcs or
	AC 220-277V, 50/60Hz,	EUM-480S280BG 3pcs	2430pcs; or
VL-VL-G4.5-1500W	1500W	EUM-680S350MG 3pcs	2835: 2448pcs or
		EUM-680S350BG 3pcs	2430pcs; or

Model list:

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		Re	port No.:AOC250508002
		EUCO-1K5140GLA 1pc	3535: 720pcs; or
		EUCO-1K5140GDA 1pc	2424: 720pcs:
		S6-1K8D500 1pc	
		S6-1K8R500 1pc	
		1800STH500C-xxxxx 1pc	
		HDE-1800STH500C 1pc	
		EUM-680S350MG 3pcs	2020: 2449pcc or
		EUM-680S350BG 3pcs	3030: 2448pcs or 2430pcs; or
	AC 220-277V, 50/60Hz,	S6-1K8D500 1pc	2835: 2448pcs or
VL-VL-G4.5-1800W	1800W	S6-1K8R500 1pc	2430pcs; or
	100000	1800STH500C-xxxxx 1pc	3535: 720pcs; or
		HDE-1800STH500C 1pc	2424: 720pcs:
Remark: Covers all 2	2700K,3000K,3500K,4000K,	4500K,5000K,5700K,6000K, 6	6500K. indicates CCT.

******************* End of Report ***************