



Zhongshan LCS Compliance Testing Laboratory Ltd.

Add: No. 23F, Building A, Zhongshan Harbor of, iDEAS, No 25 Gangyi Road, Torch Development
Zhongshan, Guangdong, China

Tel: (86) 0760-85282956 Fax: (86) 0760-85282906 Internet: [Http://www.LCS-cert.com](http://www.LCS-cert.com)

Report No.: LCS200323013DR

TEST REPORT

Applicant : FOSHAN RAYVEN LIGHTING CO., LTD
Address : A1 New Lighting Source Industry Zone, Luocun, Nanhai District, Foshan,
Guangdong, China, 528200

Report on the submitted samples said to be:

Sample Name : LED Light
Trade Mark : **Rayvenlights**
Style/ Item No. : See Page 2
Manufacturer : FOSHAN RAYVEN LIGHTING CO., LTD
Address : A1 New Lighting Source Industry Zone, Luocun, Nanhai District, Foshan,
Guangdong, China, 528200
Sample Receiving Date : June 10, 2020
Testing Period : June 10, 2020 ~ June 18, 2020
Results : Please refer to next page(s).
Conclusion : Based on the performed tests on submitted sample(s), the results of Lead,
Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls(PBBS),
Polybrominated diphenyl ethers(PBDEs) and phthalates such as bis
(2-ethylhexyl) phthalate(DEHP), Butyl benzyl phthalate(BBP),
(3-Dibutyl phthalate(DBP), and diisobutyl phthalate(DIBP) comply with the
limits as set by ROHS Directive (EU)2015/863 amending Annex II to Directive
2011/65/EU.

Signed for and on behalf of LCS

Written By: Sallie Li
Sallie Li

Approved by: Edison Xia
Edison Xia



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Model:

RAV12DLH41, RAV15DLH41, RAV20DLH41, RAV20DLH61, RAV30DLH61, RAV40DLH61,
RAV30DLH81, RAV40DLH81, RAV50DLH81, LNC5120A.001, LNC5120A, RAV18LNA11, RAV36LNA11,
RAV10SPC9075A, RAV8SPC9075A, RAV6SPC9075A, RAV8SFA11, RAV15SFA11, RAV20SFA11
RAV30SFA11, RAV8SFA21, RAV15SFA21, RAV20SFA21, RAV30SFA21, RAV30SLF51, RAV40SLF51,
RAV43SLF51, RAV50SLF51, RAV5CLI11, RAV5CLI21, RAV7CLI21, RAV10CLI21, RAV7CLI31,
RAV10CLI31, RAV12CLI31, RAV7CLJ31, RAV10CLJ31, RAV12CLJ31, RAV10TRP11, RAV15TRP11,
RAV20TRP11, RAV30TRP11, RAV8TRO11, RAV12TRO11, RAV24TRO11, RAV20TRF11, RAV40TRF11,
RAV40TRG11, RAV50TRG11, RAV20TRE11, RAV30TRE11, RAV40TRE11, RAV12DLF41,
RAV15DLF41, RAV20DLF41, RAV20DLF61, RAV20DLF61, RAV30DLF61, RAV30DLF81, RAV40DLF81,
RW6KRGBW, RAV3ZB-003, RAV3ZB-004, RAV8ZB-001, RAV8ZB-002, RAV5CLH21, RAV7CLH21,
RAV8FHB21, RAV6FHB21, RAV10FHE21, RAV6FHF21, RAV8FHF21, RAV10FHM31, RAV12FHM31,
RAV6FHC21, RAV8FHC21, RAV9FHG21, ILDLFR70BXXX, ILDLFR70GXXX, ILDLFR70HXXX,
ILDLFR70DXXX, RAV10DLG41, RAV12DLG41, RAV15DLG61, RAV20DLG61, RAV20DLG81,
RAV30DLG81, RAV30DLG81-40, RAVLPC3055, RAVLPC3075, RAVLPC3100, RAVLPC3125,
RAVCLC3075, RAVCLC3095, RAVCLC3125, RAVDLC3075, RAVDLC3090, RAVDLC3125,
RAV12OBL21, RAV18OBL31, RAV25OBL31, RAV30OBL31, RAV12SLG31, RAV20SLG51,
RAV30SLG51, RAV30SLG61, RAV40SLG61, RAV40SLG81, RAV50SLG81, RAV30DLG81-40,
RAV3LNB1, RAV6LNB2, RAV9LNB3, RAV15LNB5, RAV30LNB10, RAV45LNB15, RAV15LNB5-02,
RAV30LNB10-02, RAV45LNB15-02, RAV1001-CL110, RAV1201-CL110, RAV1201-CL120,
RAV9SDCO31, RAV10SDO31, RAV10SDR31, RAV20A1C41, RAV30A1C41, RAV40A1C41,
RAV12SDG41, RAV20SDG61, RAV30SDG81, RAV8TRM11, RAV12TRM11, RAV20TRM11,
RAV30TRM11, RAV18PLB11, RAV36PLB11, RAV72PLB11



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1. LISTS

No.	Part Name	Report No.
1	White plastic shell	LCS191212030AR
2	Silvery metal shell	LCS191212060AR
3	Transparent plastic	LCS191212053AR
4	Silvery metal screw	LCS191212061AR
5	LED	LCS191212055AR
6	Solder	LCS191212063AR
7	PCB	LCS191212050AR
8	White plastic line	LCS191212042AR
9	Red plastic line	LCS191212041AR
10	Silvery metal line	LCS191212069AR
11	Yellow plastic tape(Transformer)	LCS191212032AR
12	Ceramic(Transformer)	LCS191212022AR
13	Black plastic(Transformer)	LCS191212033AR
14	Copper line(Transformer)	LCS191212064AR
15	Silvery metal needle (Transformer)	LCS191212065AR
16	Black plastic case(C1)	LCS191212037AR
17	Silvery metal case(C1)	LCS191212067AR
18	Black plastic(C1)	LCS191212039AR
19	Electrolytic paper(C1)	LCS191212038AR
20	Silvery metal needle(C1)	LCS191212068AR
21	Triode	LCS191212026AR
22	Diode	LCS191212025AR
23	Chips of resistance	LCS191212028AR
24	Chips of capacitance	LCS191212027AR
25	PCB	LCS191212050AR
26	Solder on PCB	LCS191212063AR



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2. TEST DATA SUMMARY

Test items	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Hexavalent Chromium Cr(VI)	PBBs	PBDEs	BBP	DBP	DEHP	DIBP
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
4	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
7	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
9	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
11	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
12	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
13	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
14	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
15	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
16	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
17	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
18	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
19	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
20	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
21	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
22	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
23	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
24	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.



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25	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
26	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Note:

(1) N.D. = Not detected (<MDL)

(2) ppm = mg/kg

(3) N.A. = Not Analyzed

(4) Negative = the concentration of Hexavalent Chromium extracted from 50cm² sample is less than the detection limit.

Remark: Lead in electronic components, which are exempted from (RoHS) the requirements.

Disclaimer:

- The integration report is not equivalent to the test report.
- LCS does not shoulder responsibility for the authenticity of all the test data listed in integration report, which are submitted by the applicants.
- The applicants are responsible for all legal obligation caused by the inaccuracy and invalidity of the original report.
- If this disclaimer contradicts any other terms and conditions of LCS, this disclaimer will prevail.

3. PHOTOGRAPHS OF TEST SAMPLE





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End of Report