


# TEST REPORT

**Applicant** : Logos Lighting Co., Ltd  
**Address** : 5th Floor, Building A, Zhixuanhan Yuanling Industrial Park, Shiyan Town,  
Baoan District, Shenzhen City, Guangdong Province, China 518108

**Report on the submitted samples said to be:**

**Sample Name** : LED Down Light

**Trade Mark** :   
LOGOS LED

**Style/ Item No.** : LGS-RDL03-40W, LGS-RDL03-05W, LGS-RDL03-10W, LGS-RDL03-15W,  
LGS-RDL03-20W, LGS-RDL03-25W, LGS-RDL03-30W, LGS-RDLKR-05W,  
LGS-RDLKR-10W, LGS-RDLKR-15W, LGS-RDLKR-20W,  
LGS-RDLKR-25W, LGS-RDLKR-30W, LGS-RDLKR-40W,  
LGS-RDLMR-05W, LGS-RDLMR-10W, LGS-RDLMR-15W,  
LGS-RDLMR-20W, LGS-RDLMR-25W, LGS-RDLMR-30W

**Manufacturer** : Logos Lighting Co., Ltd  
**Address** : 5th Floor, Building A, Zhixuanhan Yuanling Industrial Park, Shiyan Town,  
Baoan District, Shenzhen City, Guangdong Province, China 518108

**Sample Receiving Date** : March 27, 2023

**Testing Period** : March 27, 2023 ~ August 21, 2023

**Results** : Please refer to next page(s).

**Conclusion** : As specified by client, based on the performed tests on submitted sample, the  
result of Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent  
Chromium(Cr(VI)), PBBs, PBDEs, Dibutyl Phthalate(DBP), Butylbenzyl  
Phthalate(BBP), Di-2-ethylhexyl Phthalate(DEHP) and Diisobutyl  
phthalate(DIBP) content comply with the limits set by RoHS Directive  
2011/65/EU with amendment (EU) 2015/863.

Signed for and on behalf of LCS

Written By: Tenny Wang  
Tenny Wang

Approved by: Cat Zhang  
Cat Zhang

## 1. LISTS

No.	Part Name	Report No.
1	White plastic shell	LCS221212030AR
2	Silvery metal shell	LCS221212060AR
3	Transparent plastic	LCS221212053AR
4	Silvery metal screw	LCS221212061AR
5	LED	LCS221212055AR
6	Solder	LCS221212063AR
7	PCB	LCS221212050AR
8	White plastic line	LCS221212042AR
9	Red plastic line	LCS221212041AR
10	Silvery metal line	LCS221212069AR
11	Yellow plastic tape(Transformer)	LCS221212032AR
12	Ceramic(Transformer)	LCS221212022AR
13	Black plastic(Transformer)	LCS221212033AR
14	Copper line(Transformer)	LCS221212064AR
15	Silvery metal needle (Transformer)	LCS221212065AR
16	Black plastic case(C1)	LCS221212037AR
17	Silvery metal case(C1)	LCS221212067AR
18	Black plastic(C1)	LCS221212039AR
19	Electrolytic paper(C1)	LCS221212038AR
20	Silvery metal needle(C1)	LCS221212068AR
21	Triode	LCS221212026AR
22	Diode	LCS221212025AR
23	Chips of resistance	LCS221212028AR
24	Chips of capacitance	LCS221212027AR
25	PCB	LCS221212050AR
26	Solder on PCB	LCS221212063AR

## 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.
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 50cm<sup>2</sup> sample is less than the detection limit.

- (5) Lead(Pb) & Cadmium(Cd) Content: IEC 62321-5:2013,  
Mercury(Hg) Content: IEC 62321-4:2013+AMD1:2017 CSV  
Hexavalent Chromium(Cr(VI)) Content: IEC 62321-7-1:2015 or IEC 62321-7-2:2017  
PBBs & PBDEs Content: IEC 62321-6:2015  
DBP, BBP, DEHP & DIBP Content: IEC 62321-8:2017

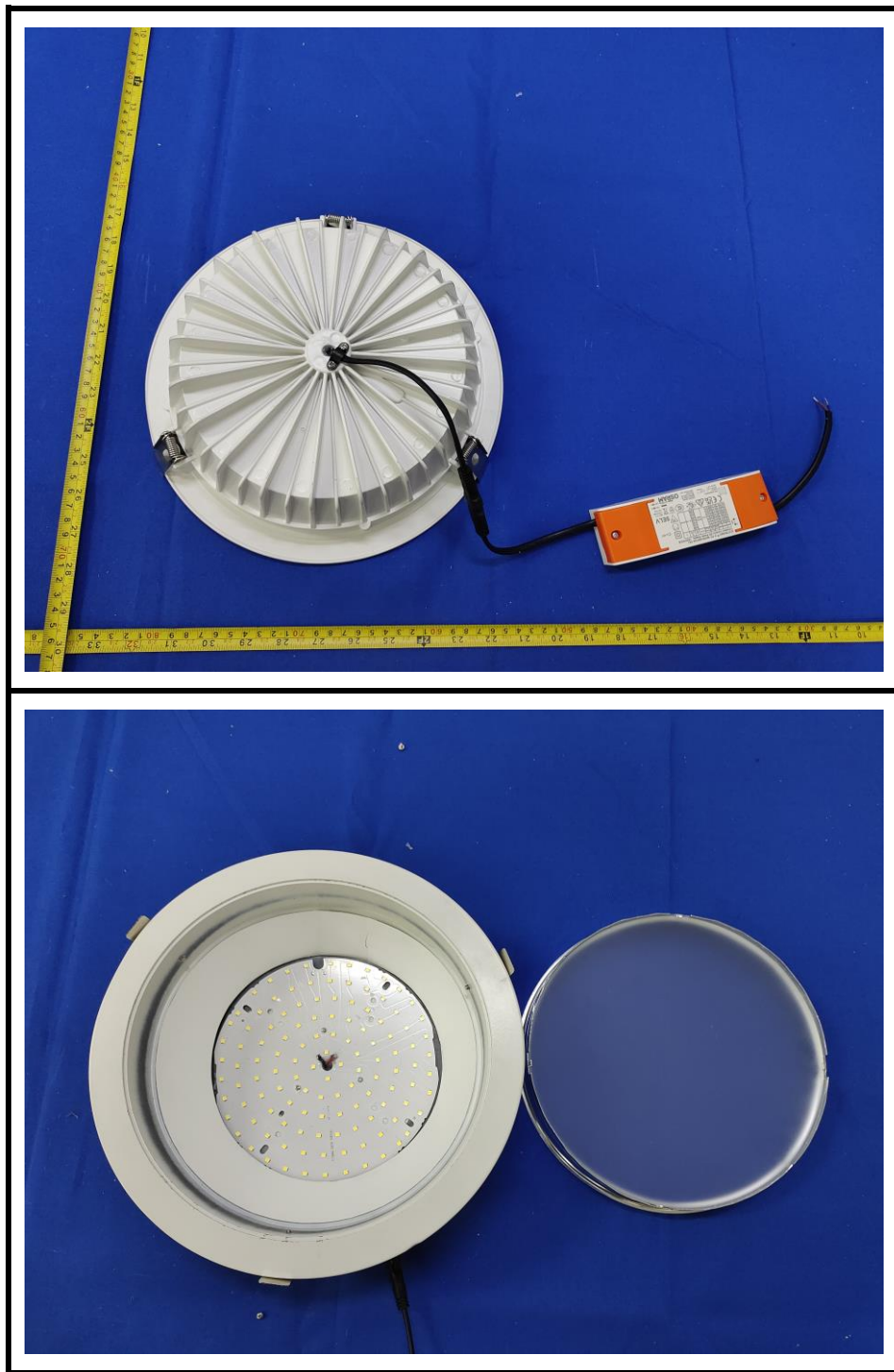
Remark: Lead in electronic components, which are exempted from (RoHS) the requirements.

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- 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.
- The above data are from customers.

### 3. PHOTOGRAPHS OF TEST SAMPLE



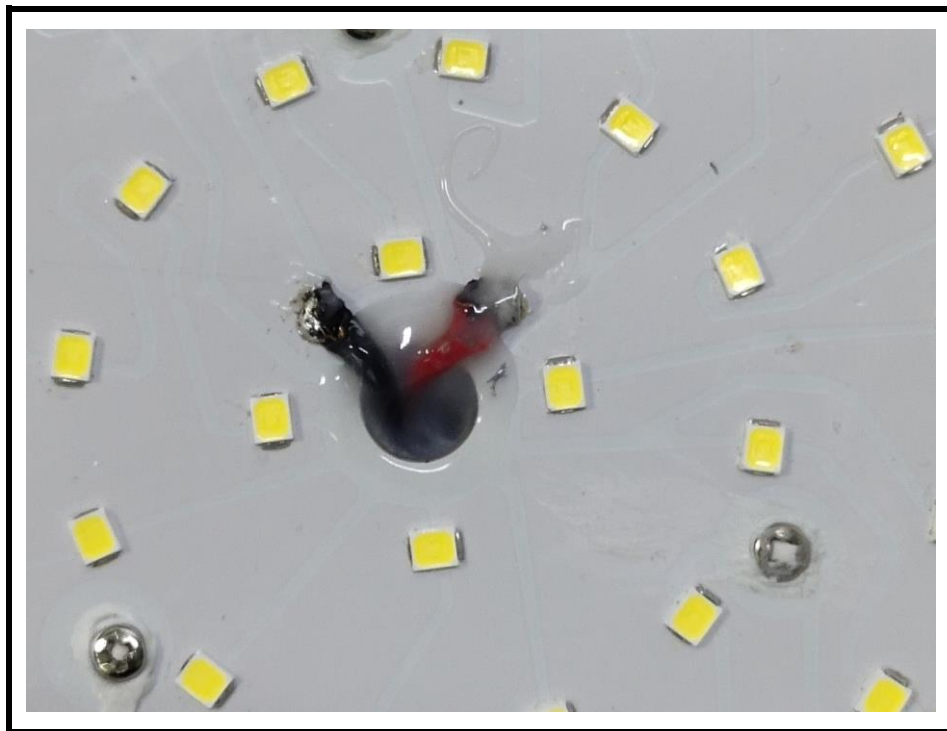


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**LCS authenticate the photo on original report only  
End of Report**