Zhongshan LCS Compliance Testing Laboratory Ltd.
Add:Y1403, 14th floor, one of the 15 east xinxing avenue, guzhen town, zhongshan city, guangdong province
Tel: (86) 0760-85323817 Fax: (86) 0760-85282906

TEST REPORT

Applicant	:	**Zhongshan SPAR Optoelectronics Technology Co., ltd**
Address	:	**NO.9, HengKang Street, Caosan Tongyi industrial, GuZHen Town, ZhongShan City, GuangDong province, P.R.China**

Report on the submitted samples said to be:

Sample Name	:	**G4**
Trade Mark	:	S·PAR
Style/ Item No.	:	**See page 2**
Manufacturer	:	**Zhongshan SPAR Optoelectronics Technology Co., ltd**
Address	:	**NO.9, HengKang Street, Caosan Tongyi industrial, GuZHen Town, ZhongShan City, GuangDong province, P.R.China**
Sample Receiving Date	:	**September 18, 2021**
Testing Period	:	**September 18, 2021 ~ September 24, 2021**
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: Terry.Wang
Tenny.Wang

Approved by: Cat Zhang
Cat Zhang

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Style/ Item No.
SPARDC-G4-2.5W-002-3, SPARDC-G4-2.5W-002-4, SPARDC-G4-2.5W-002-6, **SPARDC-G4-2W-CE1-3, SPARDC-G4-2W-CE1-4, SPARDC-G4-2W-CE1-6,** **SPARDC-G4-1.8W-CE1-N-3, SPARDC-G4-1.8W-CE1-N-4, SPARDC-G4-1.8W-CE1-N-6,** **SPARDC-G4-2W-0S2-3, SPARDC-G4-2W-0S2-4, SPARDC-G4-2W-0S2-6,** **SPARDC-G4-1.8W-0S2-N-3, SPARDC-G4-1.8W-0S2-N-4, SPARDC-G4-1.8W-0S2-N-6,** **SPARDC-G4-2W-001-3, SPARDC-G4-2W-001-4, SPARDC-G4-2W-001-6,** **SPARDC-G4-2.5W-001-3, SPARDC-G4-2.5W-001-4, SPARDC-G4-2.5W-001-6,** **SPARDC-G4-2.5W-001-N-3, SPARDC-G4-2.5W-001-N-4, SPARDC-G4-2.5W-001-N-6,** **SPARDC-G4-3.5W-CE1-3, SPARDC-G4-3.5W-CE1-4, SPARDC-G4-3.5W-CE1-6,** **SPARDC-G4-5W-001-3, SPARDC-G4-5W-001-4, SPARDC-G4-5W-001-6**

1. LISTS

No.	Part Name	Report No.
1	White plastic shell	LCS201212030AR
2	Silvery metal shell	LCS201212060AR
3	Transparent plastic	LCS201212053AR
4	Silvery metal screw	LCS201212061AR
5	LED	LCS201212055AR
6	Solder	LCS201212063AR
7	PCB	LCS201212050AR
8	White plastic line	LCS201212042AR
9	Red plastic line	LCS201212041AR
10	Silvery metal line	LCS201212069AR
11	Yellow plastic tape(Transformer)	LCS201212032AR
12	Ceramic(Transformer)	LCS201212022AR
13	Black plastic(Transformer)	LCS201212033AR
14	Copper line(Transformer)	LCS201212064AR
15	Silvery metal needle (Transformer)	LCS201212065AR
16	Black plastic case(C1)	LCS201212037AR
17	Silvery metal case(C1)	LCS201212067AR
18	Black plastic(C1)	LCS201212039AR
19	Electrolytic paper(C1)	LCS201212038AR
20	Silvery metal needle(C1)	LCS201212068AR
21	Triode	LCS201212026AR
22	Diode	LCS201212025AR
23	Chips of resistance	LCS201212028AR
24	Chips of capacitance	LCS201212027AR
25	PCB	LCS201212050AR
26	Solder on PCB	LCS201212063AR

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

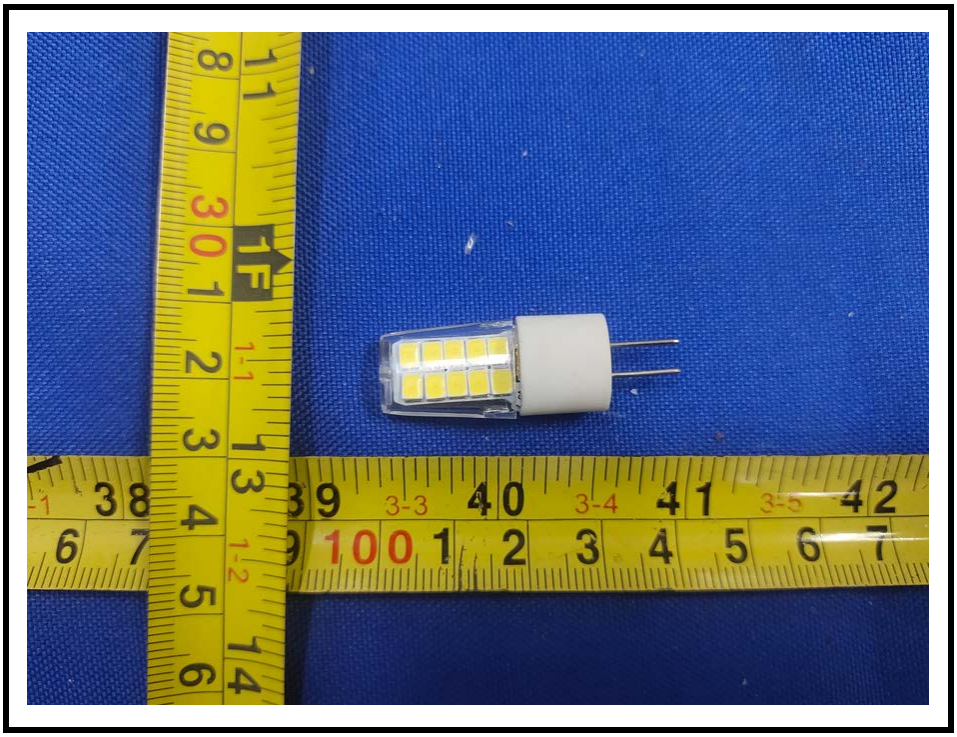
(4) Negative = the concentration of Hexavalent Chromium extracted from 50cm2 sample is less than the detection limit.

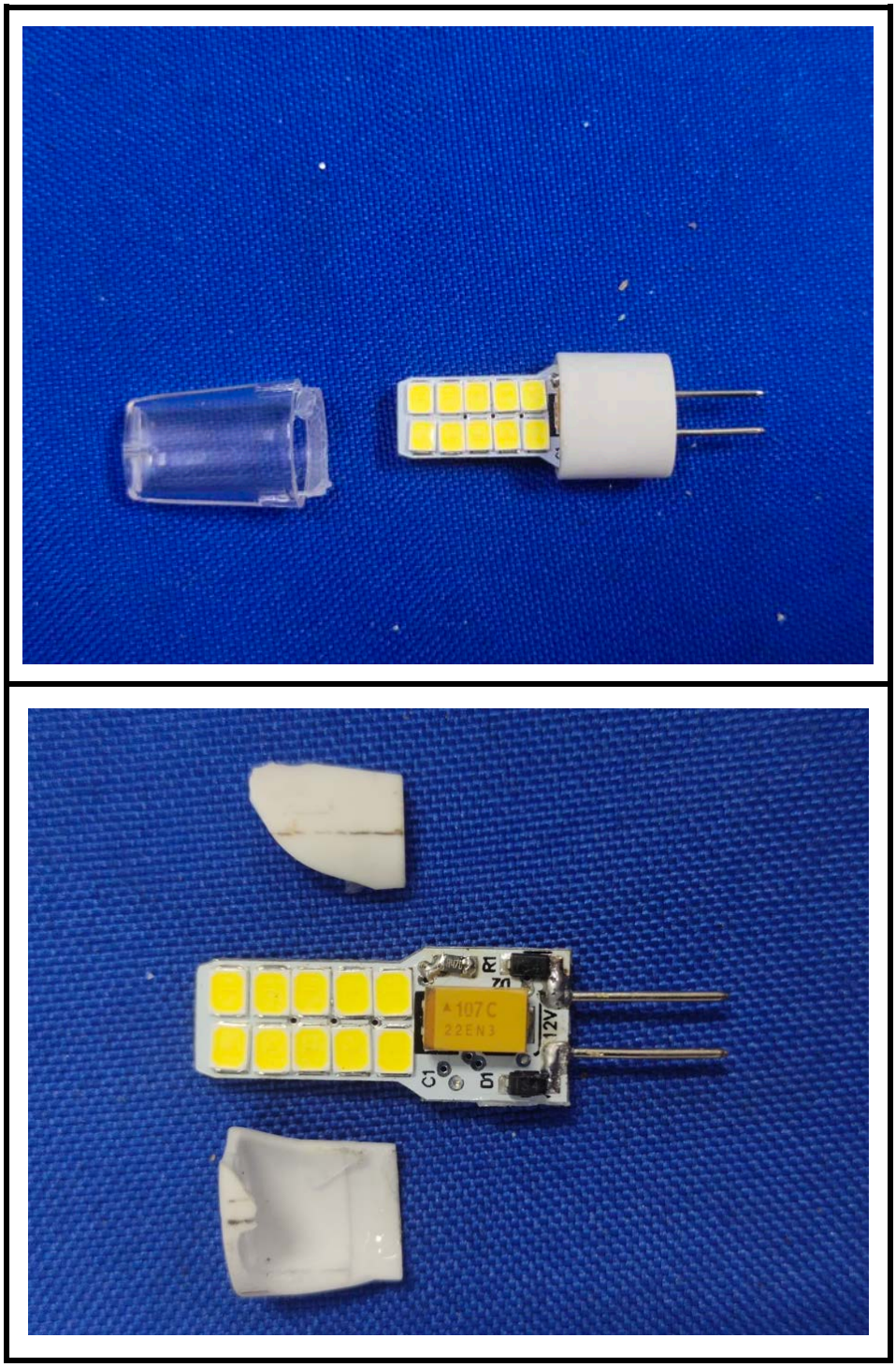
Remark: Lead in electronic components, which are exempted from (RoHS) the requirements.

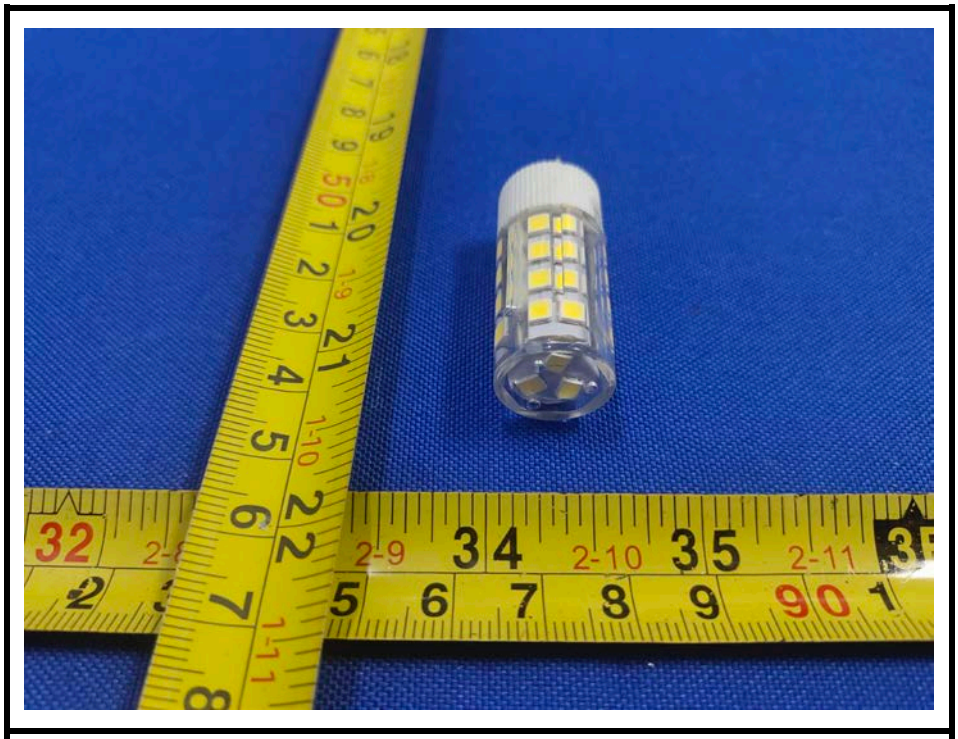
Disclaimer:

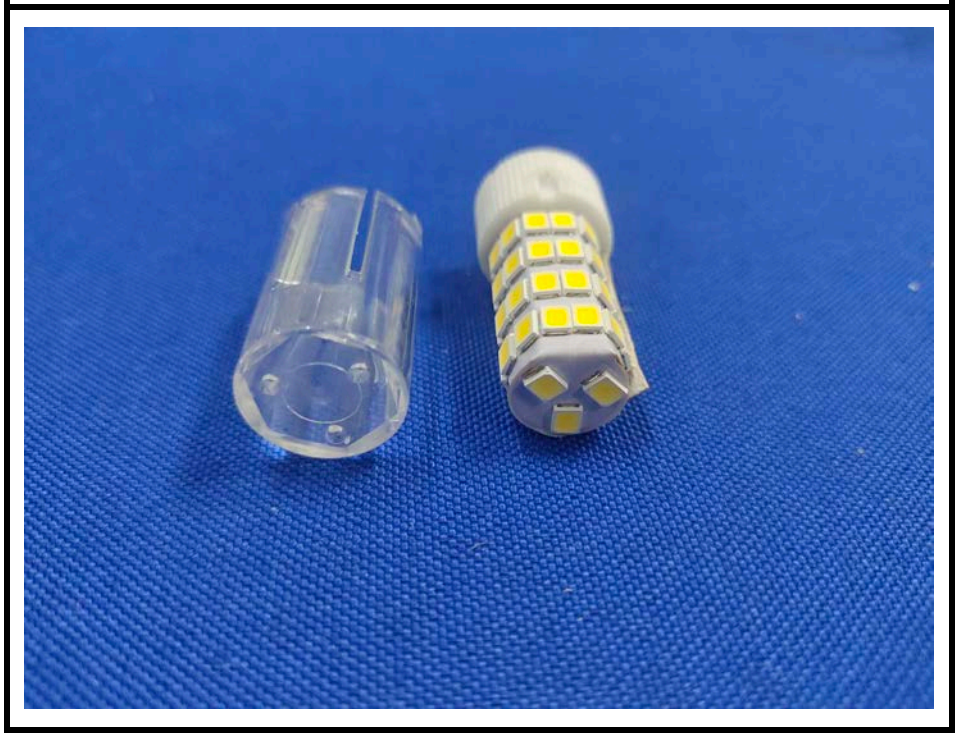
- The integration report is not equivalent to the test report.
- LCS does not shoulder responsibility for the authenticity of all the test data listed in integration report, which are submitted by the applicants.
- The applicants are responsible for all legal obligation caused by the inaccuracy and invalidity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

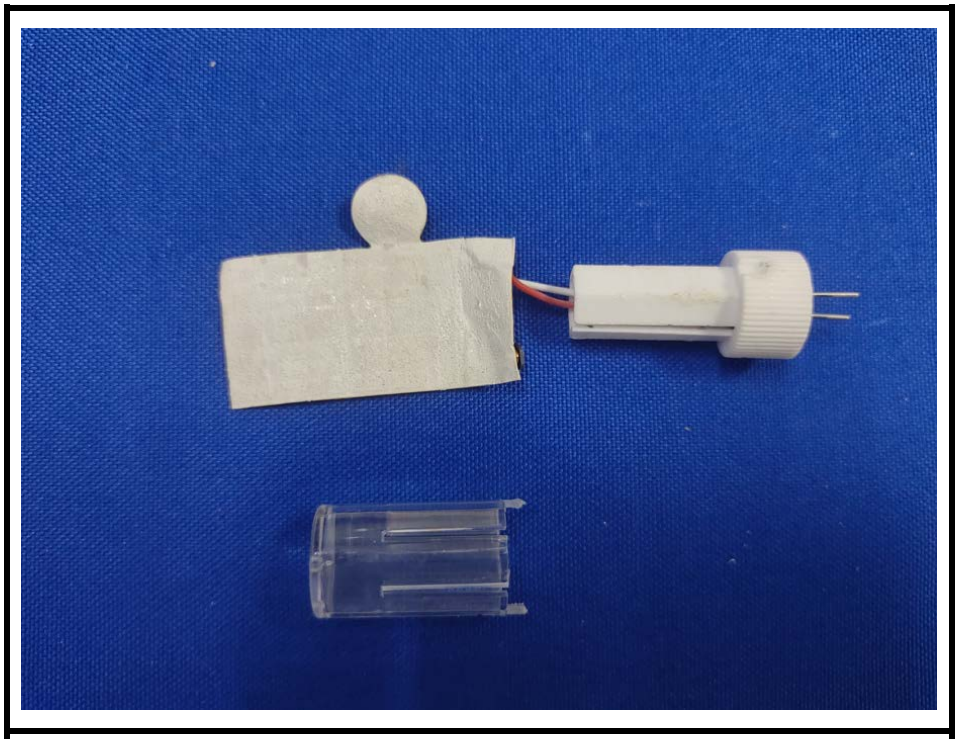
3. PHOTOGRAPHS OF TEST SAMPLE

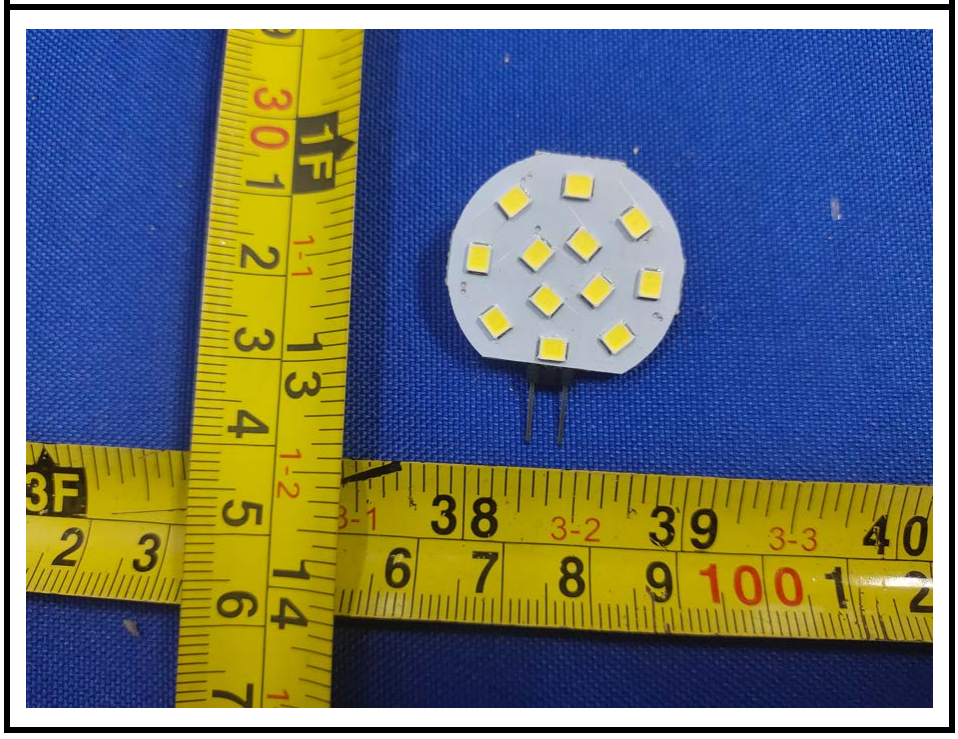


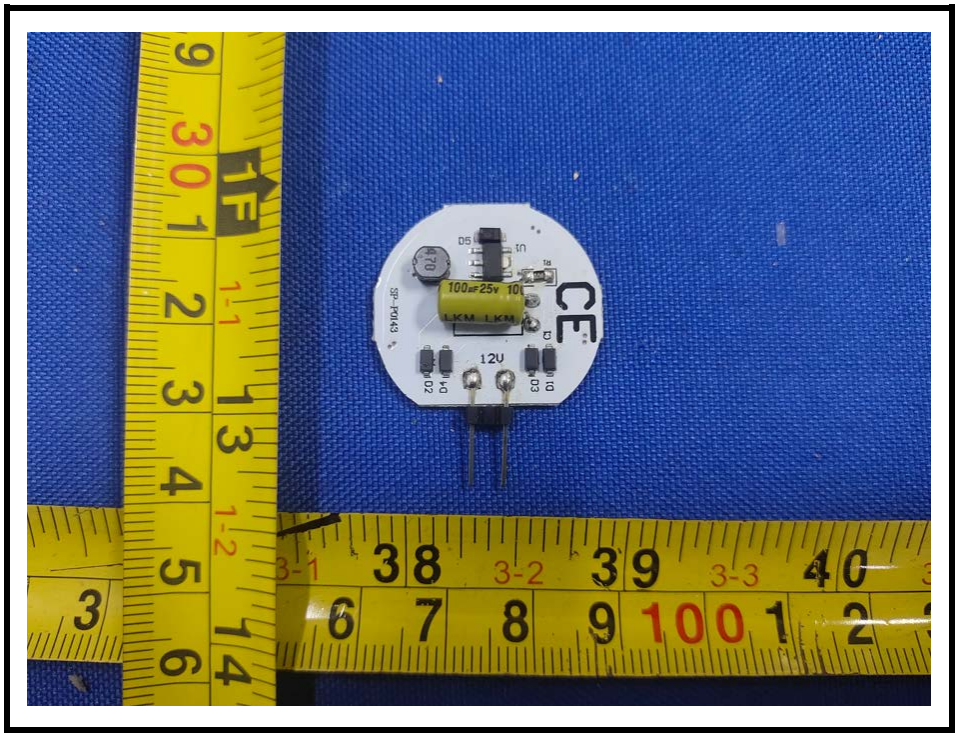

A107C
22EN3
12V








1F
3F
38
39
40
100



LCS authenticate the photo on original report only

End of Report