



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.: LCS190929001DR

## TEST REPORT

Applicant : MIC Optoelectronic Co., Ltd  
Address : 3rd floor, D building, 12# Jinyuan first road, Heao, Henggang, Longgang district, Shenzhen, China

Report on the submitted samples said to be:

Sample Name : LED Flood Light

Trade Mark :



Style/ Item No. : MFL-G120, MFL-G240, MFL-G360, MFL-G480, MFL-G720, MFL-G960  
MFL-G1200, MFL-G1440

Manufacturer : MIC Optoelectronic Co., Ltd

Address : 3rd floor, D building, 12# Jinyuan first road, Heao, Henggang, Longgang district, Shenzhen, China

Sample Receiving Date : November 01, 2019

Testing Period : November 01, 2019 ~ November 29, 2019

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

Approved by: \_\_\_\_\_



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## 1. LISTS

No.	Part Name	Report No.
1	White plastic shell	LCS171212030AR
2	Silvery metal shell	LCS171212060AR
3	Transparent plastic	LCS171212053AR
4	Silvery metal screw	LCS171212061AR
5	LED	LCS171212055AR
6	Solder	LCS171212063AR
7	PCB	LCS171212050AR
8	White plastic line	LCS171212042AR
9	Red plastic line	LCS171212041AR
10	Silvery metal line	LCS171212069AR
11	Yellow plastic tape(Transformer)	LCS171212032AR
12	Ceramic(Transformer)	LCS171212022AR
13	Black plastic(Transformer)	LCS171212033AR
14	Copper line(Transformer)	LCS171212064AR
15	Silvery metal needle (Transformer)	LCS171212065AR
16	Black plastic case(C1)	LCS171212037AR
17	Silvery metal case(C1)	LCS171212067AR
18	Black plastic(C1)	LCS171212039AR
19	Electrolytic paper(C1)	LCS171212038AR
20	Silvery metal needle(C1)	LCS171212068AR
21	Triode	LCS171212026AR
22	Diode	LCS171212025AR
23	Chips of resistance	LCS171212028AR
24	Chips of capacitance	LCS171212027AR
25	PCB	LCS171212050AR
26	Solder on PCB	LCS171212063AR



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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

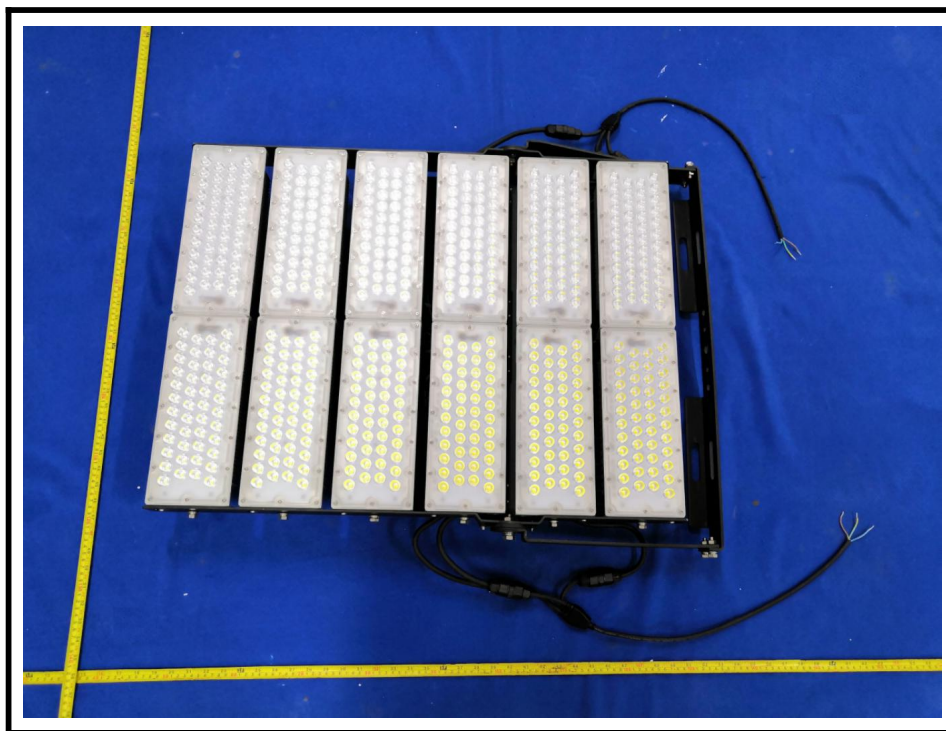
(4) Negative = the concentration of Hexavalent Chromium extracted from 50cm<sup>2</sup> sample is less than the detection limit.

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







Zhongshan LCS Compliance Testing Laboratory Ltd.

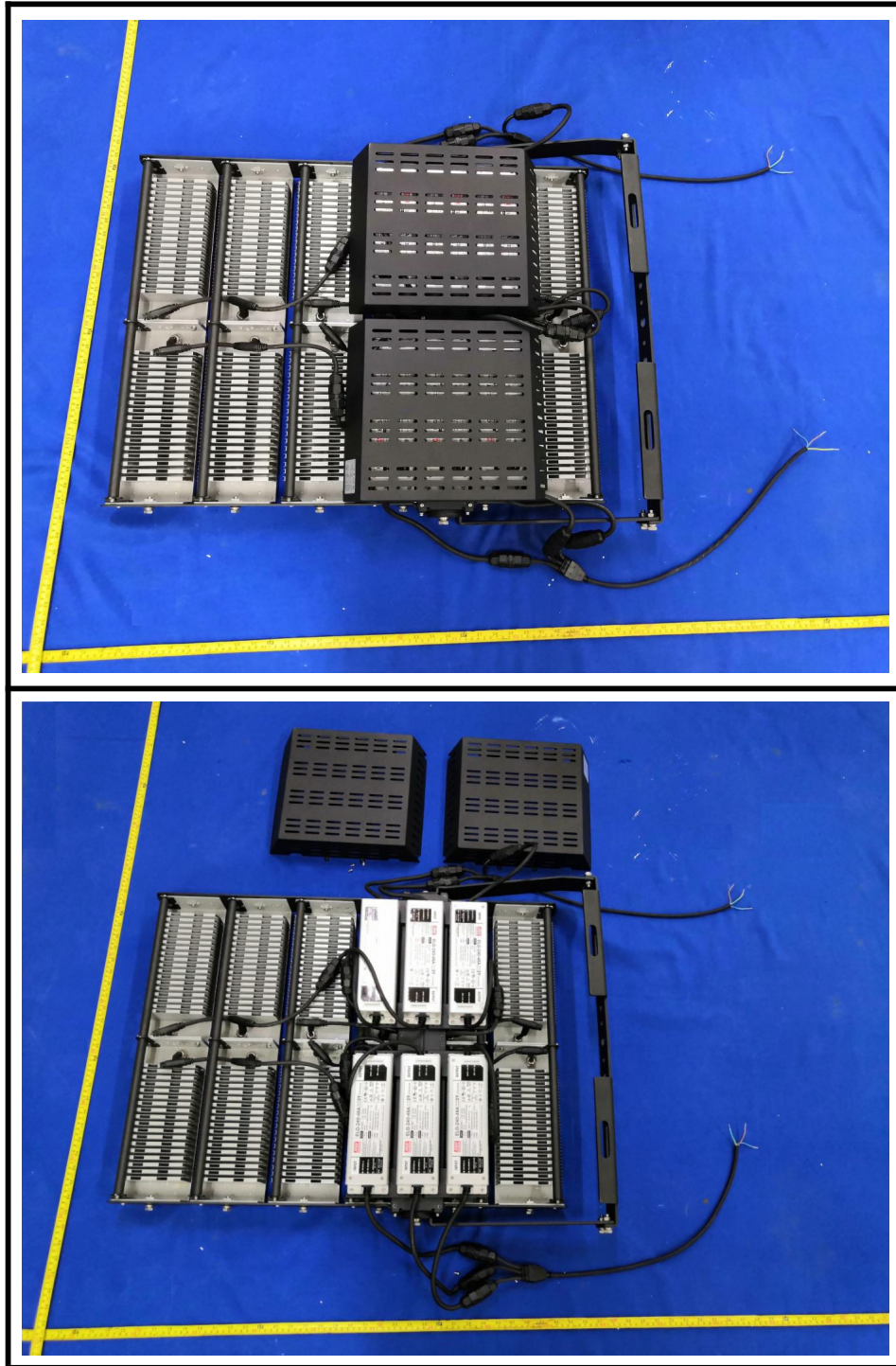
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End of Report