

# TEST REPORT

**Applicant** : AOK Industrial Company Limited  
**Address** : 3F Building 1, 2F Building 4, ST George's Science and Technology Industrial  
Park, Northside of Xinyu Road, Xinqiao Street, Baoan District, Shenzhen,  
Guangdong, P.R. China

Report on the submitted samples said to be:

**Sample Name** : LED STADIUM LIGH

**Trade Mark** : 

**Style/ Item No.** : See attached table

**Manufacturer** : AOK Industrial Company Limited

**Address** : 1/F of 1#Building, East Block of 3/F of Building 1, And 2/F of Building 4, ST  
George's Science and Technology Industrial Park, Northside of Xinyu Road,  
Xiangshan Community, Xianqiao Street Baoan District, 518000 Shenzhen,  
Guangdong, CHINA

**Sample Receiving Date** : October 17, 2022

**Testing Period** : October 17, 2022 ~ October 24, 2022

**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

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Product: LED STADIUM LIGHT

Ratings: 50/60Hz, Class I, IP66, suitable for direct mounting on normally flammable surfaces and for outdoor use only.

1. All models have similar construction, but different power, LED quantity, size and LED driver.

2. All models used two LED type 5050 or 3535 with CCT 2700-6500K.

3. For all models, the maximum mounting height is 50m above ground level.

Model list:

Model No.	Input voltage (VAC)	Power (W)	ta	LED type and LED quantity (pcs)	LED driver model No.	Dimension (LxWxH mm) / weight (kg)
AOK-400WiSF-NV-00-aa-bbcc-zz-y-e	100-240	400	45 °C	5050: 180(30S6P)	EUD-480S280DV; EUD-480S280SV	706,5x239,8x 502 / 21,15
				5050: 168(28S6P)		
				3535: 168(56S3P)		
AOK-400WiSF-HV-00-aa-bbcc-zz-y-e	277-480	400	45 °C	5050: 180(30S6P)	ESD-480S280DV; ESD-480S280SV	706,5x239,8x 502 / 21,15
				5050: 168(28S6P)		
				3535: 168(56S3P)		
AOK-600WiSF-NV-00-aa-bbcc-zz-y-e	100-277	600	50 °C	5050: 270(27S10P)	EUM-680S560MG; EUM-680S560LG; EUM-680S560BG; EUM-680S560DG; EUM-680S560SG	706,5x239,8x 502 / 21,58
				5050: 252(21S12P)		
				3535: 252(42S6P)		
AOK-600WiSF-HV-00-aa-bbcc-zz-y-e	277-480	600	50 °C	5050: 360(30S6P*2)	ESM-680S560MG; ESM-680S560LG; ESM-680S560BG; ESM-680S560DG; ESM-680S560SG	706,5x239,8x 502 / 21,48
				5050: 336(28S6P*2)		
				3535: 336(56S3P*2)		
AOK-800WiSF-NV-00-aa-bbcc-zz-y-e	100-277	800	45 °C	5050: 360(30S6P*2)	EUM-880S700MG; EUM-880S700LG; EUM-880S700BG; EUM-880S700DG; EUM-880S700SG	744,5x373,1x 587,5 / 29,37
				5050: 336(28S6P*2)		
				3535: 336(56S3P*2)		
AOK-800WiSF-HV-00-aa-bbcc-zz-y-e	277-480	800	50 °C	5050: 360(30S6P*2)	ESM-880S700MG; ESM-880S700LG; ESM-880S700BG; ESM-880S700DG; ESM-880S700SG	744,5x373,1x 587,5 / 29,32
				5050: 336(28S6P*2)		
				3535: 336(56S3P*2)		

AOK-1200WiSF-NV-00-aa-bbcc-zz-y-e	200-277	1200	50 °C	5050: 540(27S10P*2)	EBM-1K2S740DG; EBM-1K2S740MG; EBM-1K2S740SG	744,5x373,1x 587,5 / 30,8
				5050: 504(28S9P*2)		
				3535: 504(63S4P*2)		
AOK-1200WiSF-HV-00-aa-bbcc-zz-y-e	277-480	1200	45 °C	5050: 540(27S10P*2)	ESM-1K2S740MG; ESM-1K2S740LG; ESM-1K2S740BG; ESM-1K2S740DG; ESM-1K2S740SG	744,5x373,1x 587,5 / 31,3
				5050: 504(28S9P*2)		
				3535: 504(63S4P*2)		
AOK-1500WiSF-HV-dd-aa-bbcc-zz-y-e	220-415	1500	50 °C	5050: 672(56S4P*3)	MT1800H200CQI7 80	714,7x551,1x 570,4 / 35,76
				5050: 630(70S3P*3)		
				3535: 630(105S2P*3)		
AOK-1800WiSF-HV-dd-aa-bbcc-zz-y-e	220-415	1800	50 °C	5050: 810(54S5P*3)	MT1800H200CQI7 80	714,7x551,1x 570,4 / 35,76
				5050: 750(50S5P*3)		
				3535: 750(125S2P*3)		

## Remark:

"dd=00 or DV" represent electrical function, 00=Normal, DV=DALI.

"aa=S5 or S35" represent LED type, S5=Seoul 5050, S35=Seoul 3535.

"bb=27~ 65 any number" represent the CCT, e.g. 27=2700K, 57=5700K.

"cc" Represent CRI, can be 70 or 80 or 90.

"zz=15, 20, 30, 35 or PG60" represent view angle of LED lens, 15=15°, 20=2030, 30=30°, 35=3585, PG60=125\*60°.

"y= A, C or U " represent different mounting brackets, A=type A top fixed, C=type C top fixed, U=Yoke Mount.

"e= A or Blank" represent product type, A=split type, Blank=All-in-one.

## 1. LISTS

No.	Part Name	Report No.
1	White plastic shell	LCS211212030AR
2	Silvery metal shell	LCS211212060AR
3	Transparent plastic	LCS211212053AR
4	Silvery metal screw	LCS211212061AR
5	LED	LCS211212055AR
6	Solder	LCS211212063AR
7	PCB	LCS211212050AR
8	White plastic line	LCS211212042AR
9	Red plastic line	LCS211212041AR
10	Silvery metal line	LCS211212069AR
11	Yellow plastic tape(Transformer)	LCS211212032AR
12	Ceramic(Transformer)	LCS211212022AR
13	Black plastic(Transformer)	LCS211212033AR
14	Copper line(Transformer)	LCS211212064AR
15	Silvery metal needle (Transformer)	LCS211212065AR
16	Black plastic case(C1)	LCS211212037AR
17	Silvery metal case(C1)	LCS211212067AR
18	Black plastic(C1)	LCS211212039AR
19	Electrolytic paper(C1)	LCS211212038AR
20	Silvery metal needle(C1)	LCS211212068AR
21	Triode	LCS211212026AR
22	Diode	LCS211212025AR
23	Chips of resistance	LCS211212028AR
24	Chips of capacitance	LCS211212027AR
25	PCB	LCS211212050AR
26	Solder on PCB	LCS211212063AR

## 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.

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



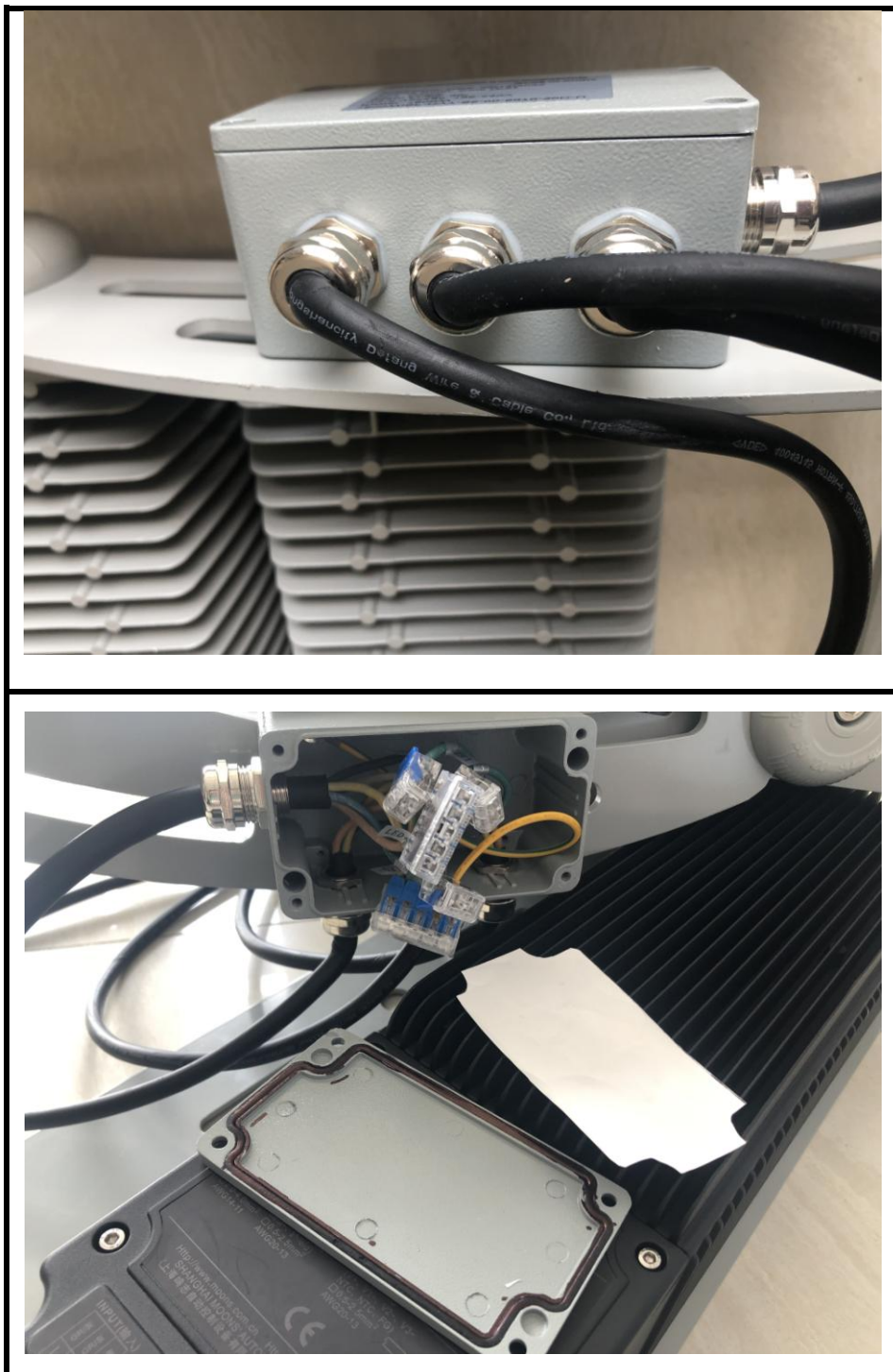


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