



中国认可  
检测  
TESTING  
CNAS L5662



## Measurement of Lamp Circuit Power for Luminaire

For

AOK LED Light Company Limited  
East of third floor, Building 1, St George's Industrial Park, Shajing street, Baoan District,  
Shenzhen, China (Second floor, Building 4, St George's Industrial Park)

**Test model:** AOK-240WoH-NV-L3-0(B0)

**This Report Concerns:**

☒ Original Report

**Equipment Type:**

LED High Bay Light

**Compiled by:** Herry He

**Report No:** R2DG171130056-03

**Test Date:** 2017-12-29  
IES LM-79-08

**Test Standard** IEC 62301:2011

IPART Lighting Equipment Requirements – Commercial  
Lighting V2.0

**Reference** IPART Lighting Requirements - Home Energy Efficiency  
Retrofits Method V1.1

VEET -Version 3.2 – 1 April 2017 (Reference: C/13/28223)

**Approved By:** Daniel Duan

**Test location:** Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia,  
Dongguan, Guangdong, China

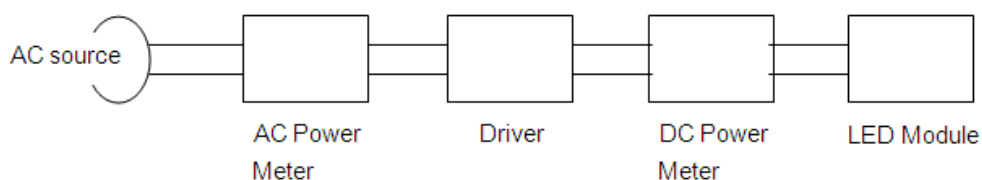
**Note:** The test data was only valid for the test sample(s). This test report is prepared for the customer shown above and for the specific product described herein. It must not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Dongguan).

## Measurement of Lamp Circuit Power for Luminaire

### TEST PROCEDURE

1. Set up the test circuit according to the test circuit diagram below;
2. Adjust the AC source to 220V/50Hz and operated for at least 30 minutes;
3. Read the input data(current, wattage and power factor) from the power meter ;
4. Adjust the AC source to 230V/50Hz and operated for at least 30 minutes and repeat step three;
5. Adjust the AC source to 240V/50Hz and operated for at least 30 minutes and repeat step three;

### TEST CIRCUIT DIAGRAM:



**TEST AMBIENT:** 25.0°C, 50%RH

For model AOK-240WoH-NV-L3-0(B0) , the lamp output were allowed to be stable conditions before measurements were taken.

### TEST EQUIPMENT LIST:

Equipment Description	Model No.	Manufacturer	Serial No.	Last Cal	Cal Due
Power supply	HPA1103	HPC	3393	2017-05-05	2018-05-05
Power meter	WT210	YOKOGAWA	91GC34404	2017-03-02	2018-03-01
Power meter	AN8721P	Ainuo	118706019	2017-12-05	2018-12-04
Stop watch	PC396	Shenzhen hbtimer	N/A	2017-03-05	2018-03-04

**GENERAL PRODUCT INFORMATION:**

AOK LED Light Company Limited 's product in this report is a LED High Bay Light. Test model is AOK-240WoH-NV-L3-0(B0) with driver model NO. HBG-240-48B, rated input 100-240Vac, 240W.

Models	Description	Safety Class	Brand Name
AOK-240WoH-NV-L3-0(B0)	LED High Bay Light	I	AOK

<b>Manufacturer:</b>	AOK LED Light Company Limited
<b>Manufacturer address:</b>	East of third floor, Building 1, St George's Industrial Park, Shajing street, Baoan District, Shenzhen, China (Second floor, Building 4, St George's Industrial Park)

**TEST DATA:**

Test Model:		AOK-240WoH-NV-L3-0(B0)					
Sample No.		1#					
Input					Output		
Voltage (V)	Frequency (Hz)	Current (A)	Wattage (W)	Power factor	Voltage (V)	Current (A)	Wattage (W)
220	50	1.119	239.11	0.971	NA	NA	NA
230	50	1.070	238.46	0.967	NA	NA	NA
240	50	1.030	237.83	0.963	NA	NA	NA

**Annex A-EUT photos**

1.The top view of model AOK-240WoH-NV-L3-0(B0)



2.The back view of model AOK-240WoH-NV-L3-0(B0)



3.The product label view of model AOK-240WoH-NV-L3-0(B0)



4.The driver label view of model AOK-240WoH-NV-L3-0(B0)



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