Measurement of Lamp Circuit Power for Luminaire

For

AOK LED Light Company Limited
Building 1, ST George's Science and Technology Industrial Park, Shajin Street, Shenzhen,China

Test model: AOK-75WiC

This Report Concerns:	**Equipment Type:**
☒ Original Report	LED Canopy Light

Compiled by:	King K Zhu
Report No:	R2DG170606050-03
Test Date:	2017-06-07
Test Standard	IES LM-79-08 IEC 62301:2011
Reference	IPART Lighting Equipment Requirements – Commercial Lighting V2.0 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).

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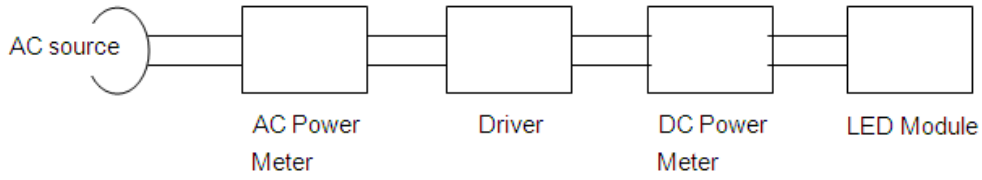
TEST PROCEDURE

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 Ac power meter and the output data from the d.c. power meter(voltage, current, wattage);
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: 50.0℃, 62%RH

For model AOK-75WiC , 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
AC Power Source	HPC3145	HPC	0003380	2017-05-05	2018-05-05
Digital Power Meter	PF9811	Everfine	G135717CO 1361137	2016-12-08	2017-12-08
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 LED Canopy Light. Test model is AOK-75WiC and It has three types of mounting bracket (See Annex A) The product with driver model No. HLG-80H-48A, rated input 100-240Vac, 75W. Details as below:

Models	Description	Safety Class	Brand Name
AOK-75WiC	LED Canopy Light	I	AOK

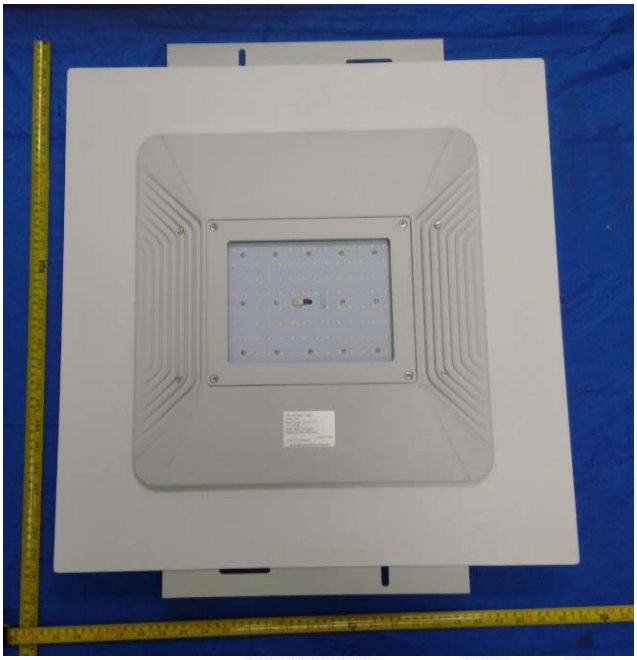
Manufacturer:	AOK LED Light Company Limited
Manufacturer address:	Building 1, ST George's Science and Technology Industrial Park, Shajin Street, Shenzhen,China

TEST DATA:

Test Model:		AOK-75WiC					
Sample No.		1#					
Input					Output		
Voltage (V)	Frequency (Hz)	Current (A)	Wattage (W)	Power factor	Voltage (V)	Current (A)	Wattage (W)
220	50	0.346	74.51	0.975	NA	NA	NA
230	50	0.332	74.52	0.972	NA	NA	NA
240	50	0.319	74.53	0.970	NA	NA	NA

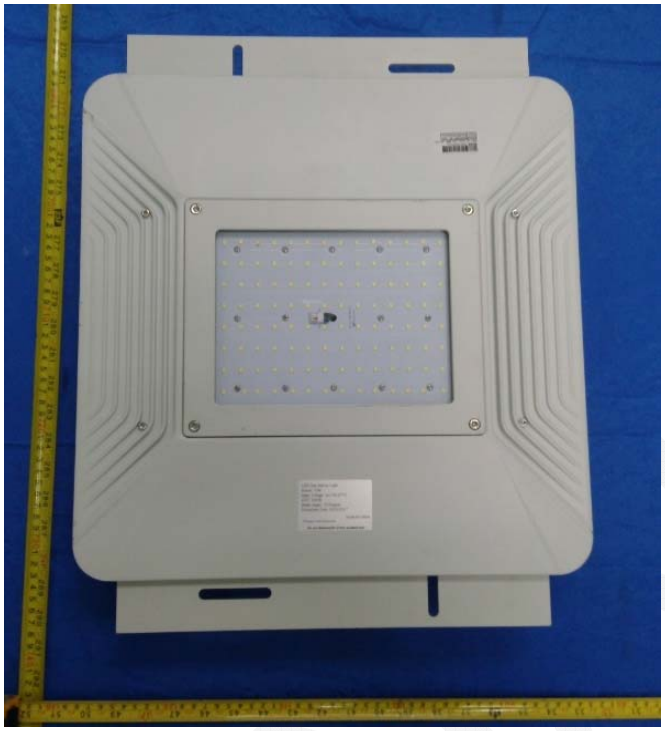
Annex A-EUT photos

1.The top view of model AOK-75WiC (The first type)



2.The back view of model AOK-75WiC (The first type)

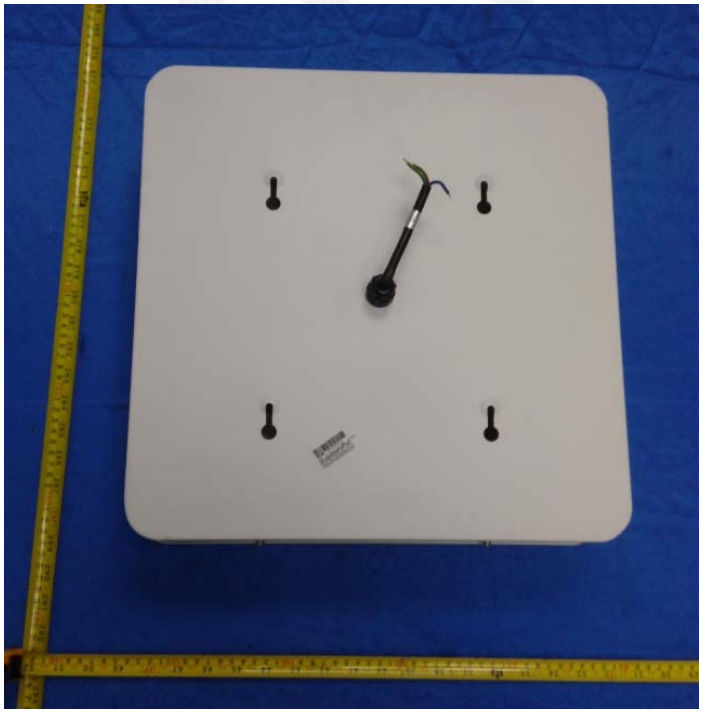
3.The top view of model AOK-75WiC (The second type)



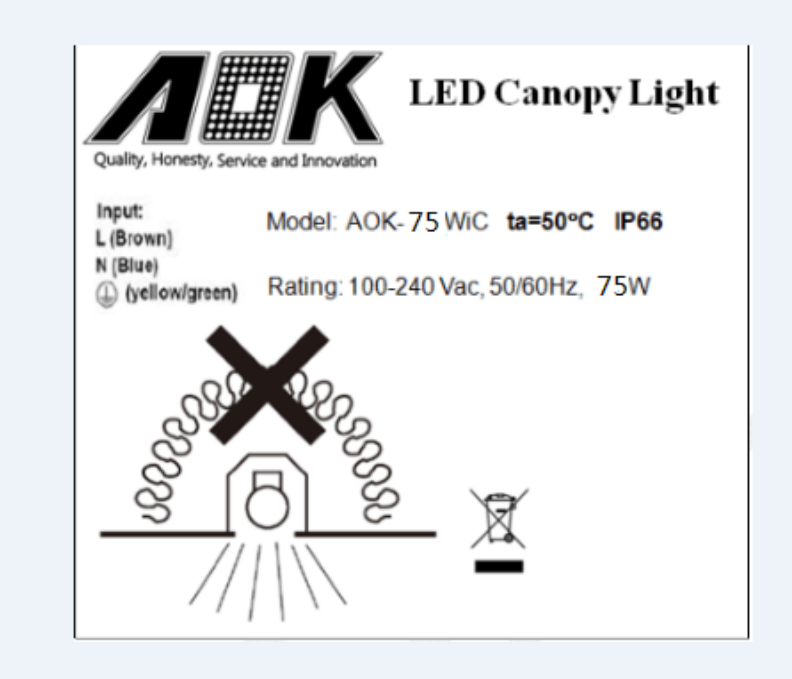
4.The back view of model AOK-75WiC (The second type)

5.The top view of model AOK-75WiC (The third type)

6.The back view of model AOK-75WiC (The third type)



7.The product label view of model AOK-75WiC



8.The driver label view of model AOK-75WiC

*****End of report*****