INPUT POWER TEST REPORT

For

AOK LED Light Company Limited

Building 1, St George's Science and Technology Industrial Park, Shajin Street, Shenzhen, Guangdong Province, China

AOK-150WiU

This Report Concerns:	Equipment Type:
☒ Original Report	LED High Bay Light

Test Engineer: Rain Chen

Report No: R011606189L

Date of Receipt 2016-06-06

Test Date: 2016-06-07 to 2016-06-22

Report Date: 2016-06-24

Reviewed By: Raymond Song/Energy Lab Manager

Prepared By: Shenzhen Anbotek Compliance Laboratory Limited

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General Product Information:

LED driver:
The luminaires contained the following driver models :

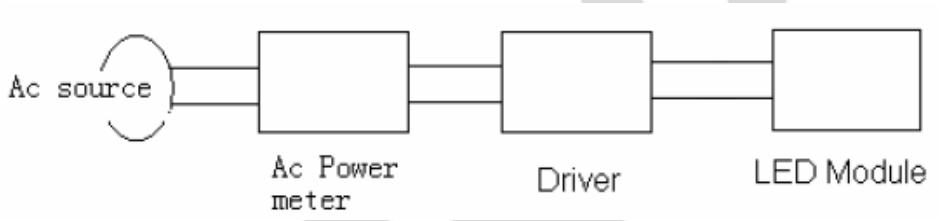
Name of lighting	Name of Driver	Model of Driver
LED High Bay Light	LED Driver	HBG-160-48A

Input Test Report

TEST PROCEDURE

1. Set up the test circuit according to the test circuit diagram below;
2. Adjust the Ac source to 100V/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 and power factor);
4. Adjust the Ac source to 220V/50Hz and operated for at least 30 minutes and repeat step three;
5. Adjust the Ac source to 230V/50Hz and operated for at least 30 minutes and repeat step three;
6. Adjust the Ac source to 240V/50Hz and operated for at least 30 minutes and repeat step three;
7. Adjust the Ac source to 100V/60Hz and operated for at least 30 minutes and repeat step three;
8. Adjust the Ac source to 220V/60Hz and operated for at least 30 minutes and repeat step three;
9. Adjust the Ac source to 230V/60Hz and operated for at least 30 minutes and repeat step three;
10. Adjust the Ac source to 240V/60Hz and operated for at least 30 minutes and repeat step three.

TEST CIRCUIT DIAGRAM:



TEST AMBIENT: 25℃, 60%RH

The Lighting was allowed to operate for at least 30 minutes before the measurements were taken.

TEST EQUIPMENT LIST:

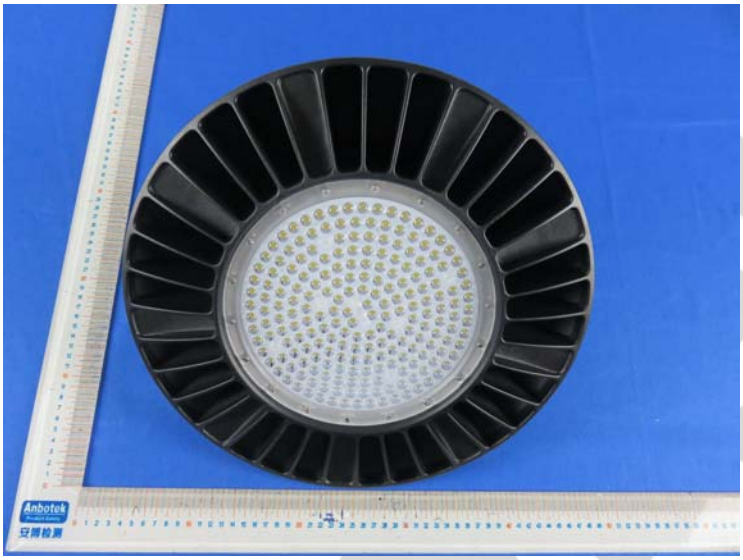
Device	Manufacture	Model No	Serial No	Test Range	Calibration date	Calibration due date
AC Power Source	ALL POWER	APW-110N	997079	0-300V, 0-1000VA	2016-04-06	2017-04-05
Digital Power Meter	YOKOGAWA	WT210	-	0-600V/0-10A/0-100Hz	2016-04-06	2017-04-05
Electronic Loading	SE-522	CD8612T	-	-	2016-03-14	2017-03-13

TEST DATA:

Test Model:					AOK-150WiU			
Sample No.					1#			
Input					Output			
Voltage (V)	Frequency (Hz)	Current (A)	Wattage (W)	Power factor	Voltage (V)	Current (A)	Wattage (W)	Power factor
100	50	1.664	166.0	0.996	45.43	3.303	150.1	1
220	50	0.752	161.6	0.976	45.43	3.303	150.1	1
230	50	0.721	161.6	0.972	45.43	3.303	150.1	1
240	50	0.693	161.6	0.969	45.43	3.303	150.1	1
100	60	1.670	166.7	0.997	45.43	3.303	150.1	1
220	60	0.756	162.0	0.973	45.43	3.303	150.1	1
230	60	0.726	162.0	0.969	45.43	3.303	150.1	1
240	60	0.698	161.8	0.963	45.43	3.303	150.1	1

Annex A-EUT photos

A1- Whole view of EUT



A2- Top view of Driver

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