



Shenzhen Anbotek Compliance Laboratory Limited

R011606190L

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-200WiU

This Report Concerns: <input checked="" type="checkbox"/> Original Report	Equipment Type: LED High Bay Light
Test Engineer: Rain Chen <i>Rain Chen</i> Report No: R011606190L 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 <i>Raymond Song</i> Prepared By: Shenzhen Anbotek Compliance Laboratory Limited 1/F., Building 1, SEC Industrial Park, No.0409 Qianhai Road, Nanshan District, Shenzhen, Guangdong, China.	



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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-240-48A

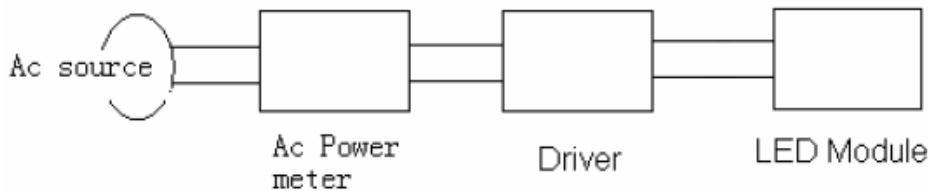


Input Test Report

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°C, 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-200WiU			
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	2.256	226.0	0.996	47.91	4.173	200	1
220	50	1.004	216.0	0.975	47.91	4.173	200	1
230	50	0.965	215.8	0.971	47.91	4.173	200	1
240	50	0.926	215.5	0.967	47.91	4.173	200	1
100	60	2.275	226.2	0.995	47.91	4.173	200	1
220	60	1.018	216.3	0.964	47.91	4.173	200	1
230	60	0.978	216.1	0.960	47.91	4.173	200	1
240	60	0.941	215.6	0.956	47.91	4.173	200	1

Annex A-EUT photos

A1- Whole view of EUT



A2- Top view of Driver



-----End of Report-----