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REPORT NO.: EM-SC150112 (C1M1512104)

DATE: 2015. 12. 11

1. APPLICANT : OrangeTek Limited
 Coach House Blakenhall Park Bar Lane,
 Barton under Needwood, Burton upon Trent,
 DE13 8AJ, United Kingdom.
2. MANUFACTURER : OrangeTek Limited
 Coach House Blakenhall Park Bar Lane,
 Barton under Needwood, Burton upon Trent,
 DE13 8AJ, United Kingdom.
3. PREPARED BY : AUDIX Technology Corporation.
 EMC Department
 No. 53-11, Dingfu, Linkou Dist.,
 New Taipei City 244, Taiwan
 Tel: (02) 2609-9301~2; Fax: (02) 2609-9303
4. DESCRIPTION OF DEVICE
 - A) MODEL NO. : AriaLED mini 10-300mA
 - B) SERIAL NO. : N/A
 - C) TEST UNIT : Sample 1, Sample 2, Sample 3, Sample 4, Sample 5
 - D) TEST VOLTAGE : AC 210V/50Hz, AC 220V/50Hz, AC 230V/50Hz,
 AC 240V/50Hz, AC 250V/50Hz
5. DATE OF MEASUREMENT : 2015. 12. 10
6. PLACE OF MEASUREMENT : **AUDIX Technology Corporation**
EMC Department
 Immunity Test Site
 No. 53-11, Dingfu, Linkou Dist.,
 New Taipei City 244, Taiwan
- SIGNATURE :


 Alex Deng/Deputy Manager
 AUDIX Technology Corporation
 EMC Department
 2015. 12. 11

Sample 1 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	11.1	0.057	0.935
220	50	11.1	0.055	0.924
230	50	11.2	0.053	0.915
240	50	11.2	0.052	0.903
250	50	11.2	0.050	0.892

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	11.1	0.057	0.936
220	50	11.2	0.055	0.926
230	50	11.2	0.053	0.916
240	50	11.2	0.052	0.904
250	50	11.2	0.050	0.893

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	11.1	0.057	0.935
220	50	11.2	0.055	0.926
230	50	11.2	0.053	0.916
240	50	11.2	0.051	0.904
250	50	11.2	0.050	0.891

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	11.1	0.057	0.935
220	50	11.2	0.055	0.925
230	50	11.2	0.053	0.914
240	50	11.2	0.052	0.902
250	50	11.2	0.050	0.891

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	11.1	0.057	0.935
220	50	11.2	0.055	0.924
230	50	11.2	0.053	0.914
240	50	11.2	0.052	0.904
250	50	11.3	0.050	0.892

Watts

Voltage \ Sample	1	2	3	4	5
210	11.1	11.1	11.1	11.1	11.1
220	11.1	11.2	11.2	11.2	11.2
230	11.2	11.2	11.2	11.2	11.2
240	11.2	11.2	11.2	11.2	11.2
250	11.2	11.2	11.2	11.2	11.3

VA

Voltage \ Sample	1	2	3	4	5
210	11.9	11.9	11.9	11.9	11.9
220	12.1	12.1	12.0	12.1	12.1
230	12.3	12.3	12.2	12.2	12.3
240	12.4	12.4	12.3	12.4	12.5
250	12.6	12.6	12.5	12.6	12.6

Notes: Test be conducted after operating for 1 hour to reach their steady load state.

Photograph of Sample

Photo 1 View of EUT



Photo 2 View of EUT

