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REPORT NO.: EM-SC150114 (C1M1512106)

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 10-600mA
 - 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	20.8	0.101	0.977
220	50	20.8	0.097	0.974
230	50	20.8	0.093	0.970
240	50	20.8	0.090	0.965
250	50	20.8	0.087	0.960

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	20.7	0.101	0.977
220	50	20.8	0.097	0.973
230	50	20.8	0.093	0.969
240	50	20.7	0.089	0.964
250	50	20.7	0.087	0.959

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	20.7	0.101	0.978
220	50	20.7	0.097	0.974
230	50	20.7	0.093	0.970
240	50	20.7	0.089	0.965
250	50	20.7	0.086	0.959

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	20.8	0.101	0.977
220	50	20.8	0.097	0.973
230	50	20.7	0.093	0.969
240	50	20.7	0.090	0.964
250	50	20.8	0.087	0.959

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	20.7	0.101	0.977
220	50	20.7	0.097	0.973
230	50	20.7	0.093	0.969
240	50	20.7	0.089	0.964
250	50	20.7	0.086	0.959

Watts

Voltage \ Sample	1	2	3	4	5
210	20.8	20.7	20.7	20.8	20.7
220	20.8	20.8	20.7	20.8	20.7
230	20.8	20.8	20.7	20.7	20.7
240	20.8	20.7	20.7	20.7	20.7
250	20.8	20.7	20.7	20.8	20.7

VA

Voltage \ Sample	1	2	3	4	5
210	21.3	21.2	21.2	21.3	21.2
220	21.4	21.3	21.2	21.3	21.3
230	21.5	21.4	21.3	21.4	21.3
240	21.6	21.5	21.4	21.5	21.5
250	21.6	21.6	21.6	21.7	21.6

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

