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REPORT NO.: EM-SC150113 (C1M1512105)

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 10-450mA
 - 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	15.9	0.078	0.965
220	50	15.9	0.075	0.958
230	50	15.9	0.073	0.953
240	50	15.9	0.070	0.945
250	50	15.9	0.068	0.937

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	15.8	0.078	0.964
220	50	15.9	0.075	0.958
230	50	15.9	0.072	0.951
240	50	15.9	0.070	0.944
250	50	15.9	0.068	0.936

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	15.8	0.078	0.964
220	50	15.8	0.075	0.958
230	50	15.8	0.072	0.952
240	50	15.8	0.070	0.945
250	50	15.8	0.068	0.937

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	15.9	0.078	0.963
220	50	15.9	0.075	0.957
230	50	15.9	0.072	0.951
240	50	15.9	0.070	0.944
250	50	15.9	0.068	0.936

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	15.8	0.078	0.964
220	50	15.9	0.075	0.957
230	50	15.8	0.072	0.952
240	50	15.8	0.070	0.944
250	50	15.9	0.068	0.936

Watts

Voltage \ Sample	1	2	3	4	5
210	15.9	15.8	15.8	15.9	15.8
220	15.9	15.9	15.8	15.9	15.9
230	15.9	15.9	15.8	15.9	15.8
240	15.9	15.9	15.8	15.9	15.8
250	15.9	15.9	15.8	15.9	15.9

VA

Voltage \ Sample	1	2	3	4	5
210	16.5	16.5	16.4	16.5	16.4
220	16.6	16.6	16.5	16.6	16.6
230	16.7	16.7	16.6	16.7	16.7
240	16.8	16.8	16.8	16.8	16.8
250	17.0	17.0	16.9	17.0	17.0

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

