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REPORT NO.: EM-SC150105 (C1M1512097)

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 40-600mA
 - 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	74.4	0.362	0.976
220	50	74.2	0.347	0.971
230	50	74.3	0.335	0.965
240	50	74.1	0.322	0.957
250	50	74.1	0.312	0.949

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	74.5	0.363	0.977
220	50	74.4	0.348	0.972
230	50	74.3	0.334	0.966
240	50	74.2	0.322	0.959
250	50	74.2	0.312	0.951

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	74.3	0.362	0.977
220	50	74.1	0.347	0.971
230	50	74.1	0.333	0.965
240	50	74.0	0.322	0.958
250	50	74.1	0.311	0.951

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	74.3	0.362	0.976
220	50	74.2	0.347	0.971
230	50	74.2	0.334	0.964
240	50	74.1	0.323	0.957
250	50	74.1	0.312	0.950

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	74.6	0.363	0.976
220	50	74.5	0.348	0.971
230	50	74.4	0.335	0.964
240	50	74.4	0.323	0.957
250	50	74.2	0.313	0.949

Watts

Voltage \ Sample	1	2	3	4	5
210	74.4	74.5	74.3	74.3	74.6
220	74.2	74.4	74.1	74.2	74.5
230	74.3	74.3	74.1	74.2	74.4
240	74.1	74.2	74.0	74.1	74.4
250	74.1	74.2	74.1	74.1	74.2

VA

Voltage \ Sample	1	2	3	4	5
210	76.2	76.3	76.0	76.1	76.3
220	76.5	76.6	76.3	76.4	76.7
230	76.9	76.9	76.8	76.9	77.1
240	77.4	77.4	77.3	77.5	77.6
250	78.1	78.0	77.9	78.0	78.2

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

