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REPORT NO.: EM-SC150104 (C1M1512096)

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 40-450mA
 - 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	56.5	0.273	0.985
220	50	56.4	0.261	0.982
230	50	56.6	0.251	0.979
240	50	56.4	0.241	0.973
250	50	56.5	0.233	0.968

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	56.4	0.273	0.984
220	50	56.4	0.261	0.981
230	50	56.3	0.251	0.977
240	50	56.3	0.241	0.973
250	50	56.4	0.233	0.967

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	56.3	0.272	0.986
220	50	56.3	0.260	0.983
230	50	56.2	0.249	0.980
240	50	56.3	0.240	0.976
250	50	56.3	0.232	0.971

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	56.2	0.272	0.985
220	50	56.2	0.261	0.981
230	50	56.2	0.250	0.978
240	50	56.2	0.241	0.974
250	50	56.3	0.232	0.969

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	56.0	0.271	0.985
220	50	56.0	0.259	0.982
230	50	56.0	0.249	0.979
240	50	56.0	0.239	0.975
250	50	56.1	0.231	0.971

Watts

Voltage \ Sample	1	2	3	4	5
210	56.5	56.4	56.3	56.2	56.0
220	56.4	56.4	56.3	56.2	56.0
230	56.6	56.3	56.2	56.2	56.0
240	56.4	56.3	56.3	56.2	56.0
250	56.5	56.4	56.3	56.3	56.1

VA

Voltage \ Sample	1	2	3	4	5
210	57.4	57.3	57.1	57.1	56.8
220	57.5	57.5	57.2	57.3	57.0
230	57.7	57.7	57.4	57.5	57.2
240	58.0	57.9	57.7	57.8	57.4
250	58.3	58.3	58.0	58.1	57.7

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

