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REPORT NO.: EM-SC150103 (C1M1512095)

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 40-300mA
 - 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	37.4	0.182	0.976
220	50	37.4	0.175	0.969
230	50	37.5	0.169	0.963
240	50	37.5	0.164	0.956
250	50	37.6	0.159	0.948

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	37.5	0.183	0.976
220	50	37.5	0.175	0.970
230	50	37.5	0.169	0.963
240	50	37.6	0.164	0.955
250	50	37.7	0.159	0.946

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	37.3	0.182	0.977
220	50	37.3	0.175	0.972
230	50	37.4	0.169	0.964
240	50	37.5	0.163	0.957
250	50	37.5	0.158	0.948

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	37.4	0.183	0.977
220	50	37.5	0.175	0.972
230	50	37.5	0.169	0.965
240	50	37.6	0.164	0.957
250	50	37.7	0.159	0.947

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	37.4	0.182	0.977
220	50	37.4	0.175	0.972
230	50	37.4	0.169	0.965
240	50	37.6	0.163	0.957
250	50	37.6	0.158	0.949

Watts

Voltage \ Sample	1	2	3	4	5
210	37.4	37.5	37.3	37.4	37.4
220	37.4	37.5	37.3	37.5	37.4
230	37.5	37.5	37.4	37.5	37.4
240	37.5	37.6	37.5	37.6	37.6
250	37.6	37.7	37.5	37.7	37.6

VA

Voltage \ Sample	1	2	3	4	5
210	38.3	38.4	38.2	38.3	38.2
220	38.6	38.6	38.5	38.6	38.5
230	38.9	39.0	38.8	38.9	38.8
240	39.3	39.4	39.1	39.3	39.2
250	39.7	39.9	39.6	39.8	39.5

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

