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REPORT NO.: EM-SC150109 (C1M1512101)

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 20-300mA
 - 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	20.1	0.098	0.976
220	50	20.1	0.094	0.972
230	50	20.1	0.090	0.968
240	50	20.1	0.087	0.963
250	50	20.1	0.084	0.957

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	20.1	0.098	0.976
220	50	20.1	0.094	0.972
230	50	20.1	0.090	0.967
240	50	20.0	0.087	0.962
250	50	20.0	0.084	0.956

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	20.1	0.098	0.976
220	50	20.1	0.094	0.972
230	50	20.0	0.090	0.968
240	50	20.0	0.087	0.962
250	50	20.0	0.084	0.957

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	20.0	0.098	0.976
220	50	20.0	0.093	0.972
230	50	20.0	0.090	0.967
240	50	20.0	0.087	0.962
250	50	20.0	0.083	0.956

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	20.0	0.097	0.975
220	50	20.0	0.093	0.971
230	50	20.0	0.090	0.967
240	50	20.0	0.087	0.962
250	50	20.0	0.084	0.956

Watts

Voltage \ Sample	1	2	3	4	5
210	20.1	20.1	20.1	20.0	20.0
220	20.1	20.1	20.1	20.0	20.0
230	20.1	20.1	20.0	20.0	20.0
240	20.1	20.0	20.0	20.0	20.0
250	20.1	20.0	20.0	20.0	20.0

VA

Voltage \ Sample	1	2	3	4	5
210	20.5	20.6	20.5	20.5	20.5
220	20.6	20.7	20.6	20.6	20.6
230	20.7	20.7	20.7	20.7	20.7
240	20.8	20.8	20.8	20.8	20.8
250	21.0	21.0	21.0	20.9	20.9

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

