

AUDIX TECHNOLOGY CORP., EMC DEPT.
NO. 53-11, DINGFU, LINKOU DIST.,
NEW TAIPEI CITY 244, TAIWAN, R.O.C.
TEL : 886-2-2609-9301
FAX : 886-2-2609-9303



HEAD OFFICE
NO. 8, LANE 120, NEI HU RD.,
TAIPEI, TAIWAN, R.O.C.
TEL : 886-2-2659-4900
FAX : 886-2-2659-4833

REPORT NO.: EM-SC150111 (C1M1512103)

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 20-600mA
 - 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	38.7	0.188	0.977
220	50	38.7	0.181	0.971
230	50	38.9	0.176	0.966
240	50	38.8	0.169	0.957
250	50	38.8	0.164	0.949

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	38.8	0.189	0.977
220	50	38.8	0.181	0.971
230	50	38.9	0.175	0.964
240	50	38.9	0.169	0.957
250	50	38.9	0.164	0.948

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	38.6	0.188	0.978
220	50	38.6	0.180	0.973
230	50	38.6	0.174	0.966
240	50	38.6	0.168	0.960
250	50	38.7	0.163	0.951

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	38.7	0.188	0.978
220	50	38.8	0.181	0.973
230	50	38.7	0.174	0.966
240	50	38.7	0.168	0.958
250	50	38.8	0.163	0.950

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	38.6	0.188	0.978
220	50	38.5	0.180	0.972
230	50	38.6	0.173	0.966
240	50	38.6	0.168	0.959
250	50	38.7	0.163	0.951

Watts

Voltage \ Sample	1	2	3	4	5
210	38.7	38.8	38.6	38.7	38.6
220	38.7	38.8	38.6	38.8	38.5
230	38.9	38.9	38.6	38.7	38.6
240	38.8	38.9	38.6	38.7	38.6
250	38.8	38.9	38.7	38.8	38.7

VA

Voltage \ Sample	1	2	3	4	5
210	39.6	39.7	39.5	39.6	39.4
220	39.9	40.0	39.7	39.8	39.6
230	40.1	40.3	39.9	40.1	39.9
240	40.5	40.7	40.3	40.4	40.3
250	40.9	41.1	40.6	40.9	40.6

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

