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REPORT NO.: EM-SC150107 (C1M1712297, C1M1512099) REISSUE DATE: 2017. 12. 20

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 43W
 - 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
- **REMARK OF REV. 01** : **model number changed**
- **SIGNATURE** : 
Alex Deng/Deputy Manager
AUDIX Technology Corporation
EMC Department
Reissue Date: 2017. 12. 20

Sample 1 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	42.5	0.207	0.975
220	50	42.5	0.199	0.969
230	50	42.6	0.192	0.964
240	50	42.6	0.186	0.956
250	50	42.6	0.180	0.947

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	42.7	0.208	0.976
220	50	42.7	0.200	0.971
230	50	42.6	0.192	0.964
240	50	42.7	0.186	0.956
250	50	42.8	0.181	0.947

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	42.7	0.208	0.978
220	50	42.7	0.200	0.973
230	50	42.8	0.192	0.966
240	50	42.8	0.186	0.959
250	50	42.8	0.180	0.951

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	43.0	0.209	0.977
220	50	42.9	0.201	0.970
230	50	42.9	0.194	0.963
240	50	43.0	0.187	0.955
250	50	43.0	0.182	0.946

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	43.0	0.209	0.976
220	50	42.9	0.201	0.970
230	50	43.0	0.194	0.963
240	50	43.0	0.188	0.955
250	50	43.0	0.182	0.946

Watts

Voltage \ Sample	1	2	3	4	5
210	42.5	42.7	42.7	43.0	43.0
220	42.5	42.7	42.7	42.9	42.9
230	42.6	42.6	42.8	42.9	43.0
240	42.6	42.7	42.8	43.0	43.0
250	42.6	42.8	42.8	43.0	43.0

VA

Voltage \ Sample	1	2	3	4	5
210	43.6	43.7	43.7	44.0	44.0
220	43.8	43.9	44	44.2	44.3
230	44.2	44.2	44.3	44.6	44.6
240	44.5	44.7	44.6	45.0	45.1
250	44.9	45.2	45.1	45.4	45.5

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

