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REPORT NO.: EM-SC150110 (C1M1712296, C1M1512102) 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 29W
 - 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	29.3	0.144	0.965
220	50	29.3	0.139	0.957
230	50	29.4	0.135	0.947
240	50	29.4	0.131	0.935
250	50	29.5	0.128	0.922

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	29.1	0.143	0.967
220	50	29.2	0.138	0.958
230	50	29.3	0.134	0.948
240	50	29.3	0.130	0.937
250	50	29.4	0.127	0.925

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	29.3	0.144	0.966
220	50	29.4	0.139	0.958
230	50	29.4	0.135	0.948
240	50	29.5	0.131	0.937
250	50	29.5	0.128	0.924

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	29.2	0.144	0.965
220	50	29.2	0.139	0.957
230	50	29.2	0.134	0.948
240	50	29.3	0.130	0.937
250	50	29.3	0.127	0.924

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	29.4	0.145	0.965
220	50	29.4	0.140	0.956
230	50	29.4	0.135	0.947
240	50	29.4	0.131	0.935
250	50	29.6	0.128	0.922

Watts

Voltage \ Sample	1	2	3	4	5
210	29.3	29.1	29.3	29.2	29.4
220	29.3	29.2	29.4	29.2	29.4
230	29.4	29.3	29.4	29.2	29.4
240	29.4	29.3	29.5	29.3	29.4
250	29.5	29.4	29.5	29.3	29.6

VA

Voltage \ Sample	1	2	3	4	5
210	30.3	30.2	30.3	30.2	30.4
220	30.6	30.4	30.6	30.5	30.7
230	31.0	30.8	31.0	30.8	31.1
240	31.5	31.3	31.5	31.2	31.5
250	32.0	31.8	32.0	31.7	32.1

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

