

TEST REPORT

SAMPLE INFORMATION:

1. **Sample Description:** Dimming controller
2. **Trade Mark:**
3. **Models:** DOT
4. **Serial/Batch No. of Sample:** ---
5. **Manufacturer Date:** ----
6. **Manufacturer:** OrangeTek Limited
7. **Manufacturer Address:** Coach House, Blakenhall Park, Bar Lane, Barton under Needwood,
Burton upon Trent DE138AJ
8. **Sample Quantity:** 5 units DOT



CLIENT INFORMATION

1. **Applicant:** OrangeTek Limited
2. **Applicant Address:** Coach House Blakenhall Park, Bar Lane, Barton under
Needwood, Burton upon Trent DE13 8AJ
3. **Applicant Post Code:** ---
4. **Applicant Telephone:** ---+44 (0)128 371 6690

TEST INFORMATION:

1. **Applicant No:**
2. **Sampling Method:** Delivered by Applicant
3. **Date of Receipt:** 2015-08-24
4. **Issued Date:** 2015-08-24
5. **Test Item:** Input characteristic
6. **Ref. Documents for the Test:** Specified by client.

CONCLUSION:

REMARKS:

1. The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.
2. Characterization & Condition of Sample: Normal.
3. Ambient Condition During Testing: 25 ± 2 C, 50-60% RH.

Sample 1

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	0.65	0.01117	0.276
220	50	0.65	0.01103	0.271
230	50	0.65	0.01071	0.265
240	50	0.66	0.01053	0.259
250	50	0.66	0.01038	0.254

Sample 2

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	0.62	0.01086	0.272
220	50	0.63	0.01064	0.266
230	50	0.63	0.01046	0.261
240	50	0.63	0.01026	0.256
250	50	0.64	0.01019	0.251

Sample 3

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	0.65	0.01124	0.275
220	50	0.66	0.01104	0.270
230	50	0.66	0.01079	0.264
240	50	0.67	0.01071	0.260
250	50	0.67	0.01043	0.254

Sample 4

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	0.63	0.01071	0.278
220	50	0.63	0.01049	0.275
230	50	0.64	0.01025	0.267
240	50	0.64	0.01011	0.263
250	50	0.65	0.01009	0.258

Sample 5

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	0.63	0.01098	0.274
220	50	0.64	0.01084	0.271
230	50	0.65	0.01068	0.263
240	50	0.65	0.01041	0.259
250	50	0.66	0.01029	0.254

Watts 100% light output

Voltage\Sample	1	2	3	4	5
210	0.65	0.62	0.65	0.63	0.63
220	0.65	0.63	0.66	0.63	0.64
230	0.65	0.63	0.66	0.64	0.65
240	0.66	0.63	0.67	0.64	0.65
250	0.66	0.64	0.67	0.65	0.66

VA 100% light output

Voltage\Sample	1	2	3	4	5
210	2.346	2.281	2.360	2.249	2.306
220	2.427	2.341	2.429	2.308	2.385
230	2.463	2.406	2.482	2.358	2.456
240	2.527	2.462	2.570	2.426	2.498
250	2.595	2.548	2.608	2.523	2.573

Notes:

1. Test be conducted after operating for 12 hours to reach their steady load state.
2. The measurement uncertainties are for a confidence probability of not less than 98%.
3. The measurement uncertainties of the below value (k=2), Urel(v)=0.1% , Urel(w)=0.1% , Urel(i)=0.2% , Urel(f)=0.05% , Urel(PF)=0.5

Photograph of Sample

Photo 1 View of EUT

