

## T e s t R e p o r t

**Report No** : L15702 Amd 1

**Client:** : JC Decaux  
Unit 122 Metro Plex Business Park  
Broadway  
Salford  
M50 2UW

**Description** : T8 LED Tube

**Manufacturer** : Not Disclosed

**Type/Model** : LUX-TL1-1500-360-6000K-CC

**Test Specification** : Measurement of power consumption in accordance with the  
'Unmetered Supplies Operational Information Document' –  
Version 14.0 (17/12/2014)

**Date Testing Started** : 30/03/2016

**Conclusion** : Refer to body of report

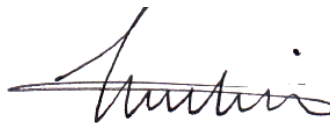
**Date of Issue** : 04/04/2016

**Date of Expiry** : 03/04/2021

**Tested by:** M.ALI  
**Position:** Photometry Engineer



**Approved by:** T.MALIK  
**Position:** Operations & Quality  
Manager



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**Note:** This amendment 1 is to correct the product dimensions.

## **INTRODUCTION**

JC Decaux has supplied the product identified in table 1 for measurement of power consumption in accordance with the 'Unmetered Supplies Operational Information Document' – Version 14.0 (17/12/2014).

## **PRODUCT DETAILS**

**Table 1. Test Sample Details**

Product Description	T8 LED Tube
Model No.	LUX-TL1-1500-360-6000K-CC
Number of Samples	Five
Condition on Receipt	Good
Nominal Dimensions	Ø 25mm x 1500mm
Product Supply Requirement	240V 50Hz
Lamp Type and Power	28W LED
Sampling Method: Test samples selected and supplied by client, no sampling method specified by client.	

The customer has declared that the equipment load does not vary with ambient temperature.

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## **RESULTS**

**Table 2. Wattage and VA results for T8 LED Tube**

Operating Mode	100%				
Watts					
Voltage	Sample Number				
	1	2	3	4	5
210	28.17	27.88	27.72	27.29	28.09
220	28.05	27.75	27.65	27.23	27.97
230	28.01	27.70	27.62	27.21	27.91
240	28.00	27.69	27.62	27.23	27.88
250	28.02	27.71	27.62	27.25	27.88
VA					
Voltage	Sample Number				
	1	2	3	4	5
210	28.87	28.57	28.40	28.00	28.78
220	28.86	28.53	28.43	28.05	28.77
230	28.93	28.61	28.54	28.15	28.85
240	29.06	28.74	28.68	28.31	28.97
250	29.24	28.92	28.85	28.49	29.14
Power Factor					
Voltage	Sample Number				
	1	2	3	4	5
210	0.98	0.98	0.98	0.97	0.98
220	0.97	0.97	0.97	0.97	0.97
230	0.97	0.97	0.97	0.97	0.97
240	0.96	0.96	0.96	0.96	0.96
250	0.96	0.96	0.96	0.96	0.96
Ambient Temperature During Test (°C)			24.5		
PF Leading/Lagging			Leading		

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### **DEVIATION(S) FROM TEST STANDARD**

No reported deviations from test standard.

### **MEASUREMENT UNCERTAINTY**

The following expanded uncertainties apply to the measurements shown in the results;

True Power (W):  $\pm 0.69\%$ , Apparent Power (VA):  $\pm 0.61\%$

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor  $k=2$ , providing a coverage probability of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

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## ILLUSTRATION

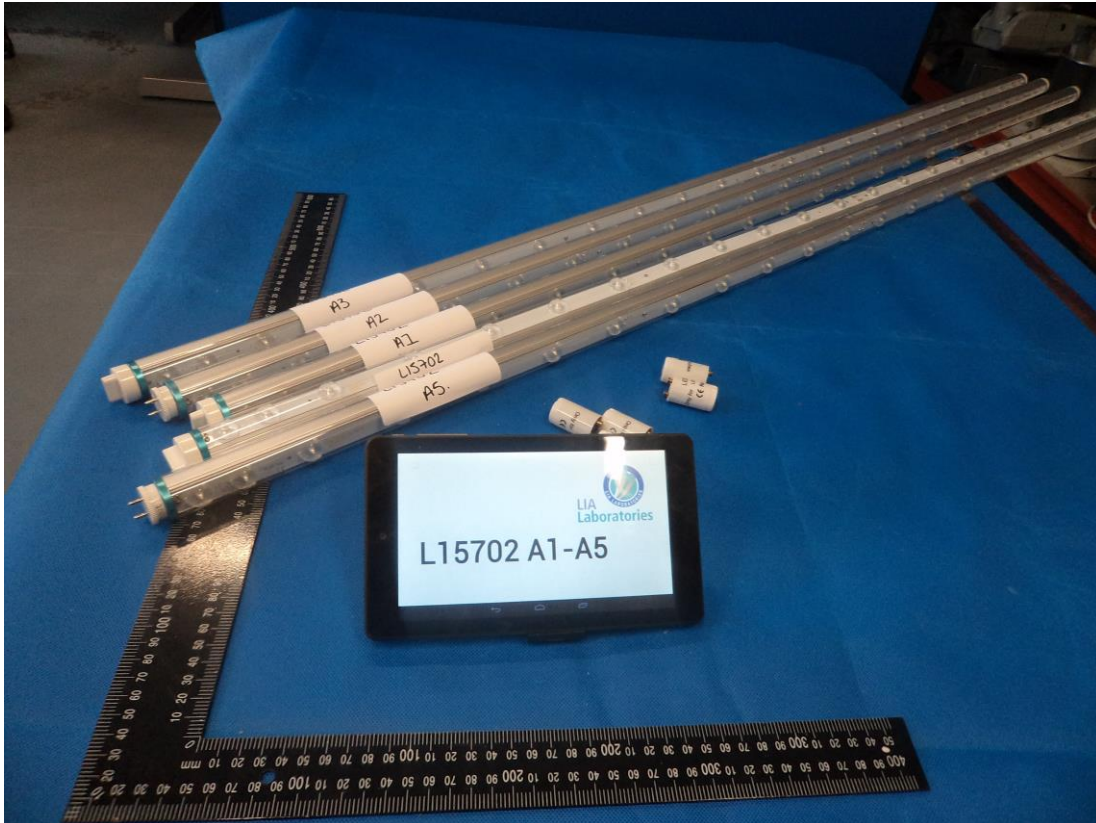


Figure 1. *Product image*

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