



## T e s t   R e p o r t

**Report No** : L14639  
**Client:** : Zeta Specialist Lighting  
2 Performance Close  
Telford Road  
Bicester, Oxfordshire, OX26 4LB  
**Description** : LED Tray  
**Manufacturer** : Not Disclosed  
**Type/Model** : Z-SWSUBWAYR01-A  
**Test Specification** : Measurement of power consumption in accordance with the  
“Unmetered Supplies Operational Information” document –  
Version 13.0 (7/11/13)  
**Date Tested** : 24/10/14  
**Conclusion** : Refer to body of Report  
**Date of Issue** : 30/10/14  
**Date of Expiry** : 29/10/19

**Tested by:** C.LOVEITT  
**Position:** Laboratory Technician

**Approved by:** J.ADAMS  
**Position:** Laboratory Supervisor



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These test results relate only to the unit(s) tested. This Report and any subsequent report(s) may not be reproduced except in full without the written approval of the Testing Laboratory.



## **INTRODUCTION**

Zeta Specialist Lighting has supplied the product identified in table 1 for measurement of power consumption in accordance with the “Unmetered Supplies Operational Information” document – Version 13.0 (7/11/13).

## **PRODUCT DETAILS**

**Table 1. Test Sample Details**

Product Description	LED Tray
Model No.	Z-SWSUBWAYR01-A
Number of Samples	Five
Condition on Receipt	Good
Nominal Dimensions	Not Applicable
Product Supply Requirement	240V
Lamp Type and Power	LED 18W
Sampling Method: Test samples selected and supplied by client, no sampling method specified by client.	

## **RESULTS**

**Table 2. Wattage and VA results for**

Operating Mode					
Watts	100%				
Voltage	Sample Number				
	1	2	3	4	5
210	18.55	18.25	18.13	18.51	18.42
220	18.56	18.30	18.18	18.53	18.45
230	18.59	18.31	18.23	18.54	18.47
240	18.62	18.34	18.31	18.59	18.51
250	18.65	18.36	18.30	18.65	18.53
VA					
Voltage	Sample Number				
	1	2	3	4	5
210	39.81	38.04	39.09	38.77	39.55
220	40.16	38.72	38.38	38.24	39.67
230	40.13	38.52	38.36	37.95	39.81
240	40.62	38.77	37.92	38.05	39.13
250	40.80	37.30	37.48	38.67	39.14

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**This page is to be read in conjunction with the first page of this report**

### **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. *Image of tested samples*

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End