



## Test Report

**Report No** : L14131A  
**Client:** : D W Windsor Ltd  
Pindar Road, Hoddesdon, Herts, EN11 0DX  
**Description** : Street Lights 1 LED with 5 LEDs run at 350mA – 100% and  
1 LED Module with 10 LEDs run at 350mA – 100%  
**Manufacturer** : Not Disclosed  
**Type/Model** : 1LX2-113-05  
1LX2-113-10  
**Test Specification** : Measurement of power consumption in accordance with the  
“Unmetered Supplies Operational Information” document –  
Version 12.0 (29/11/12)  
**Date Tested** : 11/04/14  
**Conclusion** : Refer to body of Report  
**Date of Issued** : 15/04/14  
**Date of Expiry** : 14/04/19

**Tested by:** S.RICHARDS  
**Position:** Photometric  
Engineer

**Approved by:** K.GOVINDEN  
**Position:** Technical Manager



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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**

D W Windsor Ltd has supplied the product identified in table 1 for measurement of power consumption in accordance with the "Unmetered Supplies Operational Information" document – Version 12.0 (29/11/12).

## **PRODUCT DETAILS**

**Table 1. Test Sample Details**

Product Description	Street Lights 1 LEDs
Model No.	1LX2-113-05 1LX2-113-10
Number of Samples	Five
Condition on Receipt	Good
Nominal Dimensions	Not Applicable
Product Supply Requirement	240Vac
Lamp Type and Power	LED/Various
Sampling Method: Test samples selected and supplied by client, no sampling method specified by client.	

## **RESULTS**

**Table 2. Wattage and VA results for 100%**

Streetlight Single LED Module with 5 LEDs run at 350mA –  
1LX2-113-05

Voltage	Sample Number				
	1	2	3	4	5
210	7.06	7.05	7.00	7.07	6.99
220	7.13	7.12	7.06	7.13	7.04
230	7.20	7.18	7.13	7.19	7.10
240	7.27	7.26	7.21	7.26	7.18
250	7.35	7.34	7.29	7.34	7.25

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	8.33	8.36	8.32	8.35	8.27
220	8.59	8.62	8.58	8.59	8.51
230	8.86	8.90	8.86	8.86	8.77
240	9.15	9.19	9.15	9.14	9.06
250	9.45	9.49	9.45	9.43	9.35

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



Table 3. *Wattage and VA results for 100%*

Watts                      Streetlight Single LED Module with 10 LEDs run at 350mA –  
1LX2-113-10

Voltage	Sample Number				
	1	2	3	4	5
210	12.72	12.63	12.78	12.61	12.73
220	12.78	12.68	12.84	12.67	12.79
230	12.84	12.74	12.90	12.74	12.85
240	12.91	12.81	12.96	12.81	12.92
250	12.98	12.88	13.03	12.88	12.99

VA

Voltage	Sample Number				
	1	2	3	4	5
210	13.54	13.45	13.59	13.37	13.49
220	13.74	13.65	13.79	13.57	13.68
230	13.96	13.86	14.00	13.79	13.89
240	14.20	14.11	14.24	14.03	14.12
250	14.46	14.36	14.49	14.29	14.38

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

No reported deviations from test standard.

### **MEASUREMENT UNCERTAINTY**

Equipment number 252 uncertainty of measurement for AC voltage +/-0.1%

Equipment number 252 uncertainty of measurement for power +/-0.2%

Equipment number 252 uncertainty of measurement for power +/-0.2%

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## ILLUSTRATION



Figure 1. *Image of tested samples*

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