



T e s t R e p o r t

Report No : MI604
Client: : LPA Excil Electronics
Ripley Drive
Normanton
West Yorkshire, WF6 1QT
Description : 1500mm LED Retrofit Insert 230Vac Natural White 4000K
Manufacturer : Not Disclosed
Type/Model : LTY993S15ND
Test Specification : Measurement of power consumption in accordance with the
“Unmetered Supplies Operational Information” document –
Version12.0 (29/11/12)
Date Tested : 16/04/14
Conclusion : Refer to body of Report
Date of Issue : 24/04/14
Date of Expiry : 23/04/19

Tested by: C.LOVEITT
Position: Laboratory Technician

Approved by: K.GOVINDEN
Position: Technical Manager



Page 1 of 4

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

LPA Excil Electronics 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	1500mm LED Retrofit Insert 230Vac Natural White 4000K
Model No.	LTY993S15ND
Number of Samples	Five
Condition on Receipt	Good
Nominal Dimensions	Not Applicable
Product Supply Requirement	230V
Lamp Type and Power	LED
Sampling Method: Test samples selected and supplied by client, no sampling method specified by client.	

RESULTS

Table 2. Wattage and VA results for

Watts

Voltage	Sample Number				
	1	2	3	4	5
210	29.70	29.63	29.66	29.70	29.62
220	29.69	29.65	29.62	29.73	29.64
230	29.71	29.68	29.63	29.77	29.66
240	29.78	29.72	29.67	29.77	29.66
250	29.78	29.73	29.67	29.78	29.69

VA

Voltage	Sample Number				
	1	2	3	4	5
210	31.92	31.87	31.83	31.87	31.79
220	32.26	32.24	32.09	32.26	32.11
230	32.65	32.67	32.57	32.68	32.51
240	33.21	33.14	33.40	33.11	32.95
250	33.62	33.58	33.48	33.54	33.41

Continued on following page

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

Equipment number 252 uncertainty of measurement for AC voltage $\pm 0.1\%$

Equipment number 252 uncertainty of measurement for AC current $\pm 0.2\%$

Equipment number 252 uncertainty of measurement for AC power $\pm 0.2\%$

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ILLUSTRATION



Figure 1. *Image of tested samples*

End