



Test Report

Report No : L14041
Client: : Goodlight from LED ECO Lights
Unit 7 J4 Camberley
15 Doman Road
Camberley
Surrey, GU15 3LB

Description : 6ft (180cm) T8 LED SMD Tube 30W - Daylight
Manufacturer : Not Disclosed
Type/Model : T8TUBSMD602
Test Specification : Measurement of power consumption in accordance with the
"Unmetered Supplies Operational Information" document –
Version 12.0 (29/11/12)
Date Tested : 29/01/14
Conclusion : Refer to body of Report
Date of Issued : 03/02/14
Date of Expiry : 03/02/19

Tested by: B.ADAMS
Position: Laboratory Technician

Approved by: K.GOVINDEN
Position: Technical Manager



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

Goodlight from LED ECO Lights 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	6ft (180cm) T8 LED SMD Tube 30W - Daylight
Model No.	T8TUBSMD602
Number of Samples	Five
Condition on Receipt	Good
Nominal Dimensions	N/A
Product Supply Requirement	110-220V
Lamp Type and Power	30W T8 LED Tube
Sampling Method: Test samples selected and supplied by client, no sampling method specified by client.	

RESULTS

Table 2. Wattage and VA results

Watts

Voltage	Sample Number				
	1	2	3	4	5
210	29.488	30.081	29.911	28.736	29.767
220	29.325	29.876	29.756	28.477	29.542
230	29.243	29.795	29.672	28.366	29.438
240	29.150	29.707	29.576	28.271	29.356
250	29.098	29.663	29.527	28.226	29.320

VA

Voltage	Sample Number				
	1	2	3	4	5
210	30.410	31.101	30.950	29.744	30.788
220	30.368	31.018	30.933	29.606	30.676
230	30.410	31.070	30.988	29.661	30.737
240	30.470	31.151	31.072	29.725	30.815
250	30.574	31.277	31.194	29.848	30.945

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DEVIATION(S) FROM TEST STANDARD

No reported deviations from test standard.

MEASUREMENT UNCERTAINTY

Equipment number 279 uncertainty of measurement for AC voltage $\pm 0.02\%$

Equipment number 279 uncertainty of measurement for power $\pm 0.2\%$

Equipment number 279 uncertainty of measurement for power $\pm 0.25\%$

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ILLUSTRATION



Figure 1. *Image of tested samples*

End