



T e s t R e p o r t

Report No : L14468
Client: : Venture Lighting Europe Limited
Unit 11
Willow Farm Business Park
Castle Donnington, DE74 2US
Description : Ballasts 20W STD Square Terminal Block 240V
Manufacturer : Not Disclosed
Type/Model : VYB020255
Test Specification : Measurement of power consumption in accordance with the
"Unmetered Supplies Operational Information" document –
Version 13.0 (7/11/13)
Date Tested : 15/08/14
Conclusion : Refer to body of Report
Date of Issue : 20/08/14
Date of Expiry : 19/08/19

Tested by: S.RICHARDS
Position: Photometry
Engineer

Approved by: J.ADAMS
Position: Laboratory
Supervisor



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

Venture Lighting Europe Limited 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	Ballasts 20W STD Square Terminal Block 240V
Model No.	VYB020255
Number of Samples	Five
Condition on Receipt	Good
Nominal Dimensions	Not Applicable
Product Supply Requirement	240V, 50Hz
Lamp Type and Power	20W Metal Halide
Sampling Method: Test samples selected and supplied by client, no sampling method specified by client.	

RESULTS

Table 2. Wattage and VA results for Ballasts 20W STD Square Terminal Block 240V

Watts

Voltage	Sample Number				
	1	2	3	4	5
210	23.94	24.09	23.86	23.87	23.94
220	23.97	24.12	23.89	23.90	23.97
230	24.00	24.15	23.92	23.93	24.00
240	24.03	24.18	23.95	23.96	24.03
250	24.06	24.21	23.97	23.99	24.05

VA

Voltage	Sample Number				
	1	2	3	4	5
210	24.24	24.37	24.19	24.23	24.22
220	24.33	24.46	24.28	24.32	24.31
230	24.43	24.55	24.38	24.41	24.41
240	24.53	24.66	24.48	24.52	24.52
250	24.65	24.79	24.62	24.64	24.66

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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;

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

End