



T e s t R e p o r t

Report No : L14640
Client: : Vision Distribution Ltd
Unit 1, Park Court
Team Valley, Gateshead, NE110EH
Description : Vision 60W Direct wave 240V 5700K Luminaire C/W 600mm
side entry 5700K
Manufacturer : Not Disclosed
Type/Model : VLED-60W-240V-5700K-28LED-60SE
Test Specification : Measurement of power consumption in accordance with the
“Unmetered Supplies Operational Information” document –
Version 13.0 (7/11/13)
Date Tested : 22/10/14
Conclusion : Refer to body of Report
Date of Issue : 18/11/14
Date of Expiry : 17/11/19

Tested by: P.SARGENT
Position: Laboratory Engineer

Approved by: K.GOVINDEN
Position: Technical Engineer



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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

Vision Distribution Ltd 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 Street light
Model No.	VLED-60W-240V-5700K-28LED-60SE
Number of Samples	Five
Condition on Receipt	Good
Nominal Dimensions	Not Applicable
Product Supply Requirement	240V 50Hz
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 Vision 60W Direct wave 240V 5700K Luminaire C/W 600mm side entry 5700K

Operating Mode					
Watts	100%				
Voltage	Sample Number				
	1	2	3	4	5
210	61.09	60.95	60.70	61.96	53.46
220	62.01	61.18	60.92	62.07	56.37
230	61.85	61.62	61.43	62.52	58.18
240	62.53	62.25	62.11	63.15	59.57
250	63.40	63.10	62.91	63.95	60.81
VA					
Voltage	Sample Number				
	1	2	3	4	5
210	61.78	61.62	61.39	62.65	55.13
220	61.29	61.87	61.64	62.80	58.00
230	62.63	62.38	62.23	63.33	59.66
240	63.41	63.10	63.00	64.05	60.92
250	64.39	64.05	63.93	64.97	62.08

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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*

End