



T e s t R e p o r t

Report No : L14446
Client: : Holophane Europe Ltd
Bond Ave, Bletchley,
Milton Keynes, MK1 1JG
Description : VMX V1 Luminaire
Manufacturer : Holophane Europe Ltd
Type/Model : VMX.V1(16LED)
Test Specification : Measurement of power consumption in accordance with the
"Unmetered Supplies Operational Information" document –
Version 13.0 (7/11/13)
Date Tested : 08/08/2014
Conclusion : Refer to body of Report
Date of Issue : 11/08/2014
Date of Expiry : 10/08/2019

Tested by: C.LOVEITT
Position: Laboratory Technician

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

Holophane Europe 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	VMX V1 Luminaire
Model No.	VMX.V1(16LED)
Number of Samples	Five
Condition on Receipt	Good
Nominal Dimensions	N/A
Product Supply Requirement	240 50Hz
Lamp Type and Power	LED, 700mA or 350mA
Sampling Method: Test samples selected and supplied by client, no sampling method specified by client.	

RESULTS

Table 2. Wattage and VA results for 700mA drive current

Watts

Voltage	Sample Number				
	1	2	3	4	5
210	37.10	37.27	37.65	37.45	37.05
220	37.03	37.18	37.57	37.42	37.01
230	36.98	37.14	37.53	37.36	36.95
240	36.96	37.11	37.50	37.34	36.93
250	36.93	37.09	37.48	37.32	36.91

VA

Voltage	Sample Number				
	1	2	3	4	5
210	38.11	38.29	38.67	38.49	38.06
220	38.20	38.37	38.75	38.61	38.16
230	38.33	38.51	38.89	38.73	38.27
240	38.50	38.67	39.05	38.92	38.45
250	38.69	38.87	39.23	39.10	38.63

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Table 3. *Wattage and VA results for 350mA drive current*

Watts

Voltage	Sample Number				
	1	2	3	4	5
210	19.14	19.26	19.34	19.40	19.18
220	19.17	19.29	19.36	19.42	19.21
230	19.20	19.31	19.39	19.45	19.23
240	19.23	19.35	19.43	19.49	19.27
250	19.27	19.38	19.46	19.52	19.30

VA

Voltage	Sample Number				
	1	2	3	4	5
210	20.51	20.66	20.72	20.79	20.53
220	20.73	20.89	20.94	21.02	20.76
230	21.02	21.18	21.24	21.29	21.02
240	21.32	21.48	21.54	21.60	21.32
250	21.60	21.77	21.81	21.90	21.61

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DEVIATION(S) FROM TEST STANDARD

No reported deviations from test standard.

MEASUREMENT UNCERTAINTY

Measurement	Uncertainty / U, k=2 (\pm)
Power / W	0.8
VA / VA	0.8

The reported expanded uncertainty U, is based on a standard uncertainty multiplied by a coverage factor k, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements

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ILLUSTRATION

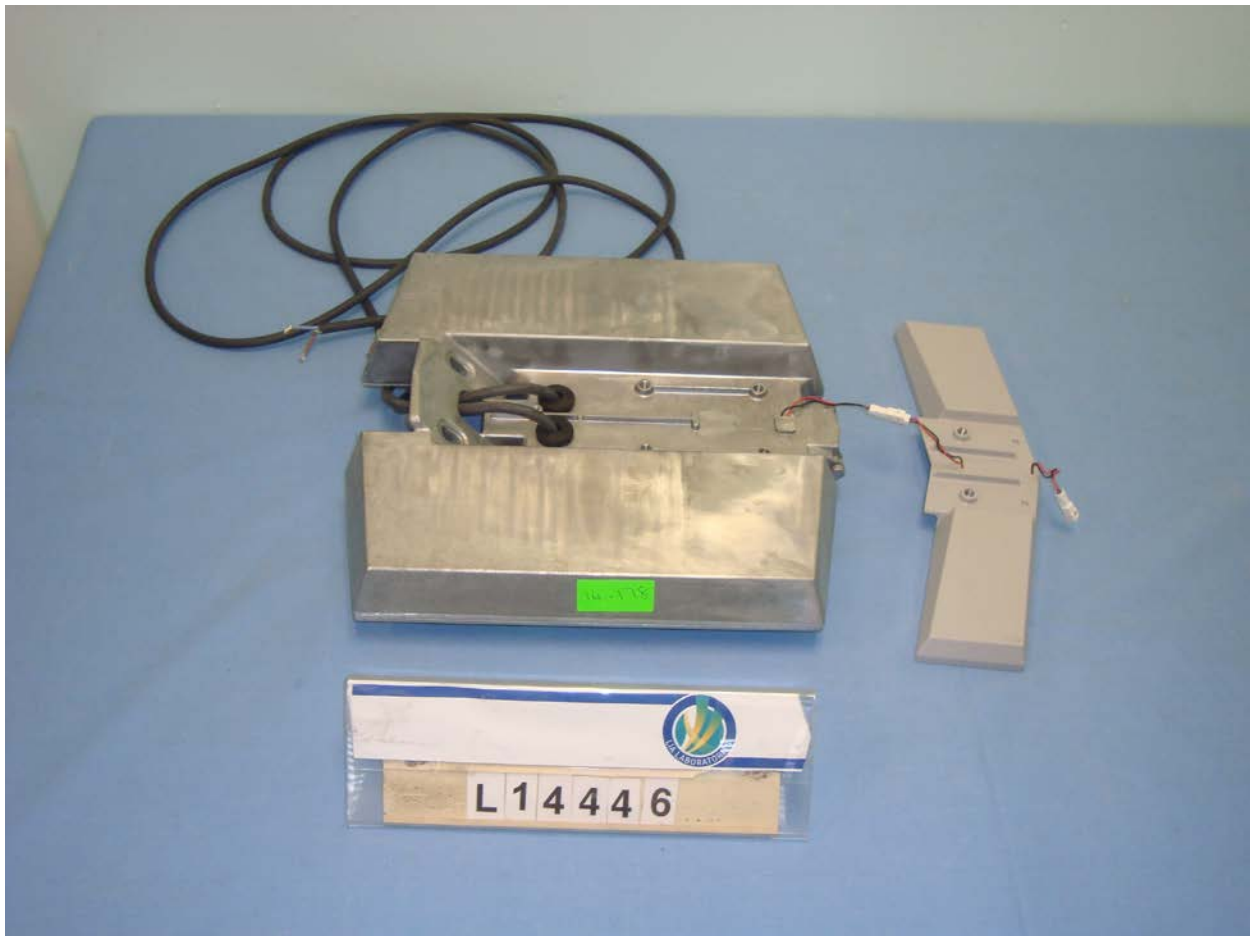


Figure 1. *Image of tested samples*

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