Test Report

Report No	:	U10032
Client:	:	Glasdon Group Limited IEC, Preston New Road, Blackpool, Lancashire, FY4 4UY
Description	:	Lumino City 750
Manufacturer	:	Not disclosed
Type/Model	:	LC750
Test Specification	:	Measurement of power consumption in accordance with the 'Unmetered Supplies Operational Information Document' – Version 17.0 (15/03/2017)
Date Testing Started	:	20/06/2018
Conclusion	:	Refer to body of report
Date of Issue	:	02/07/2018
Date of Expiry	:	01/07/2023

Tested by: **E. PERRY**
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INTRODUCTION

Glasdon Group Limited has supplied the product identified in table 1 for measurement of power consumption in accordance with the 'Unmetered Supplies Operational Information Document' – Version 17.0 (15/03/2017).

PRODUCT DETAILS

Table 1. ***Test Sample Details***

Product Description	Lumino City 750
Model No.	LC750
Number of Samples	Five
Condition on Receipt	Good
Nominal Dimensions	L – 200mm; W – 80mm; H – 60mm
Product Supply Requirement	220-240V AC, 50/60Hz
Lamp Type and Power	LED, 2W
Sampling Method: Test samples selected and supplied by client, no sampling method specified by client.	

The customer has declared that the equipment load does not vary with ambient temperature.

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RESULTS

Table 2. ***Wattage and VA results for Lumino City 750***

Operating Mode	100%				
Watts					
Voltage	**Sample Number**				
	1	**2**	**3**	**4**	**5**
210	1.06	1.06	1.07	1.07	1.07
220	1.27	1.27	1.27	1.27	1.27
230	1.49	1.49	1.49	1.49	1.49
240	1.73	1.73	1.73	1.73	1.73
250	1.98	1.98	1.99	1.99	1.99
VA					
Voltage	**Sample Number**				
	1	**2**	**3**	**4**	**5**
210	1.15	1.16	1.16	1.14	1.16
220	1.36	1.36	1.37	1.35	1.37
230	1.59	1.59	1.60	1.58	1.59
240	1.83	1.83	1.84	1.82	1.84
250	2.09	2.09	2.10	2.08	2.10
Power Factor					
Voltage	**Sample Number**				
	1	**2**	**3**	**4**	**5**
210	0.92	0.91	0.92	0.94	0.92
220	0.93	0.93	0.93	0.94	0.93
230	0.94	0.94	0.93	0.94	0.94
240	0.95	0.95	0.94	0.95	0.94
250	0.95	0.95	0.95	0.96	0.95
Ambient Temperature During Test (°C)	24.6				
PF Leading/Lagging	Leading				

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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;

True Power (W): ±0.69%, Apparent Power (VA): ±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

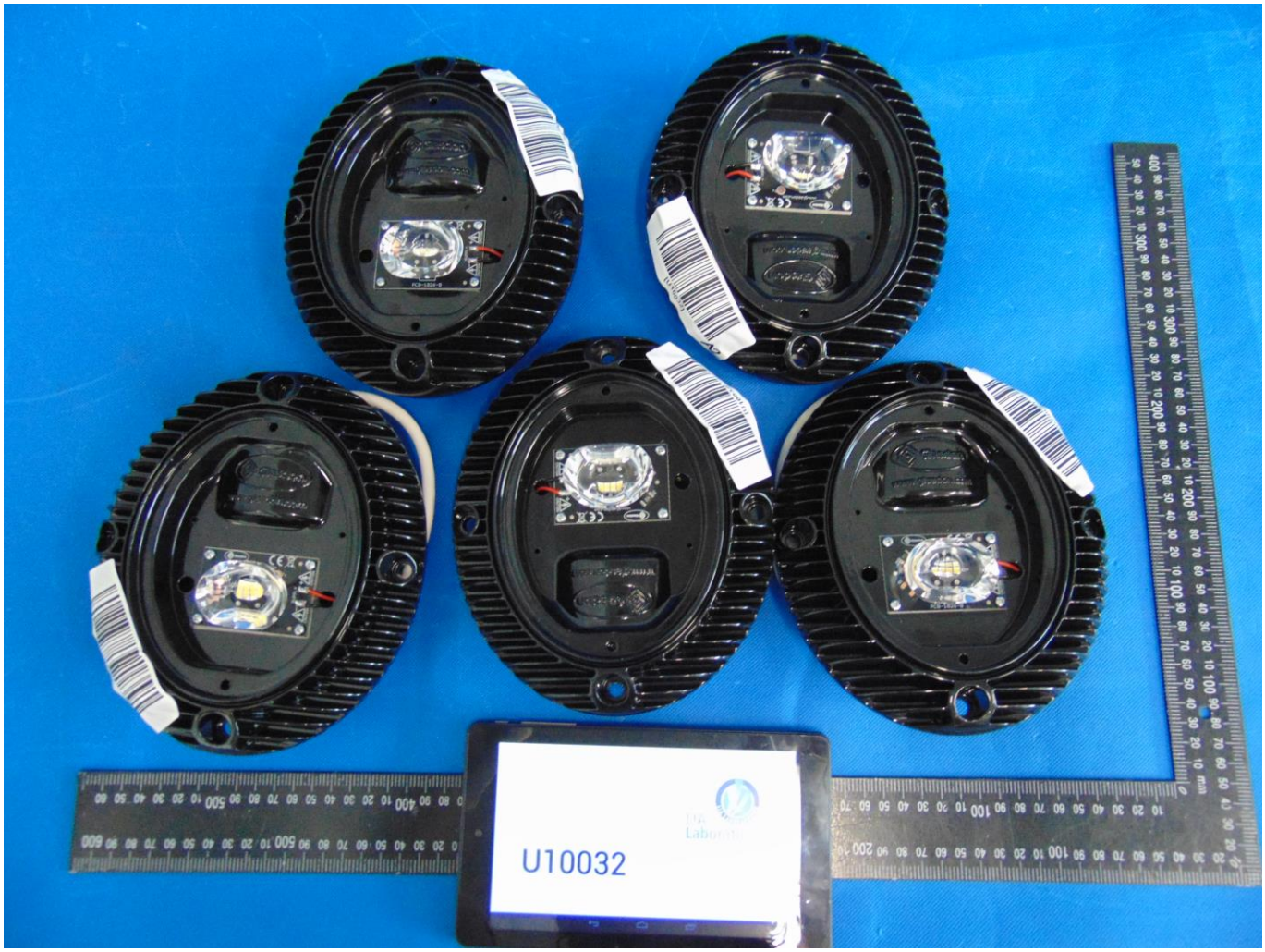

Figure 1. ***Product image***

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