



## T e s t R e p o r t

**Report No** : MI595  
LTSS Limited  
**Client:** : Charwell House  
Wilson Road  
Alton, Hampshire, GU34 5BD  
**Description** : Road/street luminaire  
**Manufacturer** : Not disclosed  
**Classification** : Class I  
**Type/Model** : LX DPR712E43DSV  
**Lamp Type** : LED  
**Condition on Receipt** : Good  
**Test Specification** : Measurement of power consumption in accordance with the  
"Unmetered Supplies Operational Information" document –  
Version 12.0 (29/11/12)  
**Date Tested** : 18/10/13  
**Conclusion** : Refer to body of Report  
**Date Issued** : 24/10/13

**Tested by:** Z.LEES  
**Position:** Senior Laboratory Engineer

**Approved:** K.GOVINDEN  
**Position:** Technical Manager



1286

These Test Results relate only to the unit tested. This Report and following report may not be reproduced except in full without the written approval of the Testing Laboratory.

Registered Office: Stafford Park 7 Telford Shropshire TF3 3BQ England  
Tel: +44 (0) 1952 290907 Fax: +44 (0) 1952 290908 Email: [lab@thelia.org.uk](mailto:lab@thelia.org.uk)  
Web: [www.thelia.org.uk](http://www.thelia.org.uk)  
Web: [www.lalab.co.uk](http://www.lalab.co.uk)

Registered in England No: 07850441 VAT Reg No GB 125 0517 50 The Lighting Industry Association Laboratories is a Trading Division of the Lighting Industry Association



## REPORT MI595

Test condition 1. 350 mA Operation.

### Watts

Voltage	Sample Number				
	1	2	3	4	5
210	134.78	132.04	134.27	133.46	134.64
220	134.74	132.02	134.33	133.50	134.72
230	134.60	131.99	134.31	133.44	134.65
240	134.49	132.00	134.39	133.55	134.62
250	134.57	132.03	134.40	133.59	134.65

### VA

Voltage	Sample Number				
	1	2	3	4	5
210	139.60	137.11	139.29	138.26	139.43
220	140.37	137.83	140.03	139.22	140.19
230	141.00	138.59	140.79	139.90	141.02
240	141.94	139.61	141.79	140.83	141.08
250	143.10	140.95	143.21	141.99	143.24

---

Continued on following page



**REPORT MI595**

**Test condition 2. 450 mA Operation.**

**Watts**

Voltage	Sample Number				
	1	2	3	4	5
210	171.44	169.00	172.29	170.83	171.69
220	171.53	169.12	172.35	170.99	171.85
230	171.81	169.22	172.46	171.14	172.03
240	172.12	169.22	172.63	171.55	172.16
250	172.33	169.50	172.83	171.77	172.31

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	175.84	173.56	176.71	175.30	176.99
220	176.71	174.46	177.53	176.02	177.66
230	177.62	175.23	178.23	176.86	178.55
240	178.65	176.11	179.20	177.95	178.67
250	179.89	177.05	180.30	178.97	179.81

---

Continued on following page



**REPORT MI595**

**Test condition 3. 525 mA Operation.**

**Watts**

Voltage	Sample Number				
	1	2	3	4	5
210	199.94	196.59	200.29	198.89	199.97
220	199.61	196.81	200.21	198.55	199.67
230	199.38	196.72	200.06	198.35	199.40
240	199.14	196.62	199.99	198.14	199.32
250	198.77	196.57	199.83	198.06	199.15

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	203.68	201.89	204.26	202.67	203.87
220	204.19	201.62	204.93	203.00	204.21
230	204.53	202.16	205.25	203.46	204.71
240	205.11	202.73	205.88	204.04	205.38
250	205.63	203.61	209.67	204.99	206.14

Continued on following page



**REPORT MI595**

**Test condition 4. 575 mA Operation.**

**Watts**

Voltage	Sample Number				
	1	2	3	4	5
210	218.89	216.38	218.36	219.34	219.32
220	218.94	216.32	218.35	219.37	219.42
230	219.05	216.38	218.34	219.43	219.52
240	219.31	216.68	218.51	219.67	219.84
250	219.38	216.72	219.62	219.70	219.90

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	222.90	220.48	222.42	223.45	223.40
220	223.64	220.99	222.92	223.95	224.16
230	224.31	221.72	223.35	224.60	224.74
240	225.24	222.43	224.12	225.48	225.70
250	225.87	223.33	226.39	226.67	226.50

---

Continued on following page



**REPORT MI595**

**Test condition 5. 700 mA Operation.**

**Watts**

Voltage	Sample Number				
	1	2	3	4	5
210	265.82	264.35	264.58	264.84	264.52
220	265.39	264.17	264.20	264.42	264.30
230	264.84	263.73	263.82	264.22	264.03
240	264.53	263.41	263.50	264.05	263.77
250	264.76	263.32	263.37	263.98	263.51

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	269.53	268.22	268.33	268.40	268.12
220	269.68	268.44	268.35	268.60	268.45
230	269.85	268.78	268.54	268.82	268.57
240	269.81	268.88	268.90	269.37	268.82
250	270.13	269.70	269.42	270.03	269.44

---

Continued on following page



**REPORT MI595**

**ILLUSTRATION**



---

**End**

**This page is to be read in conjunction with the first page of this report.  
Page 7 of 7**