



## Test Report

**Report No** : MI594  
LTSS Limited  
**Client:** : Charwell House  
Wilsom Road  
Alton, Hampshire, GU34 5BD  
**Description** : Road/street luminaire  
**Manufacturer** : Not disclosed  
**Classification** : Class I  
**Type/Model** : LXDP708E43DSV  
**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** : 17/10/13  
**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

  


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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)

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Test condition 1. 350 mA Operation.

### Watts

Voltage	Sample Number				
	1	2	3	4	5
210	92.28	91.92	93.52	93.55	93.25
220	92.40	91.94	93.59	93.58	93.34
230	92.44	92.01	93.69	93.65	93.43
240	92.53	92.16	93.84	93.78	93.45
250	92.67	92.31	93.95	93.91	93.51

### VA

Voltage	Sample Number				
	1	2	3	4	5
210	98.25	98.25	99.41	99.53	99.18
220	99.45	99.05	100.30	100.47	100.66
230	100.39	100.12	101.48	101.67	101.54
240	101.62	101.48	102.78	103.25	102.62
250	102.99	103.00	103.18	104.56	103.97

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Test condition 2. 450 mA Operation.

### Watts

Voltage	Sample Number				
	1	2	3	4	5
210	117.64	117.02	119.72	118.89	117.95
220	117.82	117.16	119.84	119.00	118.08
230	118.00	117.30	119.84	119.15	118.21
240	118.15	117.40	119.97	119.38	118.51
250	118.42	117.58	120.21	119.48	118.76

### VA

Voltage	Sample Number				
	1	2	3	4	5
210	123.21	122.77	124.88	124.14	124.91
220	124.05	123.39	125.94	125.30	125.26
230	124.87	124.65	126.88	126.29	125.75
240	125.88	125.63	127.64	127.20	126.46
250	127.35	127.14	128.00	127.59	127.99

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Test condition 3. 525 mA Operation.

### Watts

Voltage	Sample Number				
	1	2	3	4	5
210	137.39	135.60	137.98	137.58	136.22
220	137.32	135.56	138.12	137.61	136.25
230	137.39	135.55	138.21	137.53	136.22
240	137.42	135.58	138.41	137.58	136.24
250	137.45	135.61	138.63	137.60	136.25

### VA

Voltage	Sample Number				
	1	2	3	4	5
210	142.31	140.60	142.88	142.54	141.11
220	143.89	141.23	143.59	143.19	142.08
230	143.61	142.20	144.42	143.97	142.65
240	144.68	143.13	145.72	144.83	143.32
250	145.74	144.03	146.89	145.76	144.59

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Test condition 4. 575 mA Operation.

### Watts

Voltage	Sample Number				
	1	2	3	4	5
210	150.55	150.69	151.50	150.78	150.53
220	150.68	150.72	151.49	150.81	150.55
230	150.79	150.84	151.42	150.92	150.75
240	150.99	151.21	151.55	151.02	150.93
250	151.10	151.37	151.60	151.34	151.11

### VA

Voltage	Sample Number				
	1	2	3	4	5
210	155.21	155.35	156.19	155.49	155.42
220	156.16	156.41	156.64	156.24	156.40
230	156.81	157.06	157.50	157.19	157.00
240	157.72	158.23	158.10	158.03	157.95
250	159.26	159.32	159.27	159.43	158.46

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Test condition 5. 700 mA Operation.

### Watts

Voltage	Sample Number				
	1	2	3	4	5
210	181.77	182.58	182.76	182.88	181.22
220	181.54	182.57	182.83	182.88	181.22
230	181.61	182.49	183.07	182.70	181.12
240	181.55	182.44	183.10	182.80	181.28
250	181.59	182.57	183.13	182.91	181.34

### VA

Voltage	Sample Number				
	1	2	3	4	5
210	185.97	186.90	187.09	187.09	185.62
220	186.56	187.51	187.99	187.52	185.81
230	187.10	188.21	188.59	188.32	186.44
240	187.75	188.79	189.45	188.84	187.02
250	188.71	189.55	190.42	189.75	188.28

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### ILLUSTRATION



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