



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

**Report No** : MI597  
**Client:** : LTSS Limited  
Charwell House  
Wilsom Road  
Alton, Hampshire, GU34 5BD

**Description** : Road/street luminaire  
**Manufacturer** : Not disclosed  
**Classification** : Class I  
**Type/Model** : LX DPR703E43DSV  
**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** : 22/10/13  
**Conclusion** : Refer to body of Report  
**Date Issued** : 28/10/13

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

Handwritten signature of Z. Lees in blue ink.

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

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**Test condition 1. 350 mA Operation.**

**Watts**

Voltage	Sample Number				
	1	2	3	4	5
210	35.62	34.82	35.49	34.91	35.58
220	35.62	34.81	35.41	34.92	35.54
230	35.63	34.83	35.35	34.91	35.52
240	35.63	34.84	35.37	34.95	35.58
250	35.64	34.87	35.39	34.95	35.60

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	37.89	37.17	37.71	37.23	37.81
220	38.27	37.53	38.13	37.69	38.32
230	38.66	38.03	38.60	38.20	38.81
240	39.29	38.68	39.15	38.80	39.32
250	39.82	39.21	39.70	39.35	39.92

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

**Watts**

Voltage	Sample Number				
	1	2	3	4	5
210	45.06	43.49	45.02	44.65	44.78
220	45.07	43.51	45.03	44.70	44.80
230	45.10	43.55	45.05	44.73	44.84
240	45.12	43.57	45.12	44.78	44.89
250	45.16	43.63	45.12	44.88	44.91

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	47.01	45.45	46.93	46.62	46.75
220	47.38	45.87	47.33	47.00	47.12
230	47.79	46.23	47.84	47.45	47.52
240	48.25	46.82	48.28	48.05	48.12
250	48.72	47.36	48.80	48.53	48.55

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Test condition 3. 525 mA Operation.

### Watts

Voltage	Sample Number				
	1	2	3	4	5
210	52.33	51.95	52.33	52.13	52.18
220	52.31	51.90	52.30	52.11	52.12
230	52.29	51.89	52.27	51.99	52.12
240	52.25	51.89	52.23	51.98	52.11
250	52.28	51.87	52.21	51.88	52.09

### VA

Voltage	Sample Number				
	1	2	3	4	5
210	54.10	53.73	54.08	53.90	53.95
220	54.36	54.00	54.35	54.18	54.15
230	54.67	54.36	54.63	54.37	54.50
240	55.12	54.73	55.00	54.75	54.94
250	55.55	55.17	55.51	55.31	55.32

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Test condition 4. 575 mA Operation.

### Watts

Voltage	Sample Number				
	1	2	3	4	5
210	57.30	56.91	57.42	57.04	57.19
220	57.29	56.93	57.42	57.05	57.22
230	57.30	56.95	57.50	57.08	57.23
240	57.32	56.99	57.55	57.10	57.27
250	57.34	57.04	57.59	57.20	57.33

### VA

Voltage	Sample Number				
	1	2	3	4	5
210	59.00	58.62	59.06	58.82	58.83
220	59.23	58.87	59.37	59.13	59.20
230	59.52	59.27	59.79	59.51	59.53
240	59.98	59.71	60.22	59.90	59.91
250	60.37	60.10	60.56	60.43	60.36

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

**Watts**

Voltage	Sample Number				
	1	2	3	4	5
210	68.58	68.15	68.73	68.19	68.61
220	68.54	68.10	68.71	68.10	68.55
230	68.52	68.05	68.63	68.07	68.52
240	68.47	68.01	68.62	68.03	68.50
250	68.42	68.00	68.53	68.00	68.46

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	70.07	69.62	70.19	69.73	70.07
220	70.26	69.85	70.40	69.98	70.33
230	70.55	70.12	70.65	70.16	70.59
240	70.88	70.41	70.99	70.52	70.86
250	71.11	70.78	71.25	70.88	71.24

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**ILLUSTRATION**



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