



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

**Report No** : MI596  
**Client:** : LTSS Limited  
Charwell House  
Wilsom Road  
Alton, Hampshire, GU34 5BD

**Description** : Road/street luminaire  
**Manufacturer** : Not disclosed  
**Classification** : Class I  
**Type/Model** : LX DPR710E43DSV  
**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** : 21/10/13  
**Conclusion** : Refer to body of Report  
**Date Issued** : 24/10/13

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

A handwritten signature in blue ink, likely belonging to Z. Lees.

**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	113.06	113.77	114.37	114.12	114.84
220	112.85	113.80	114.41	114.20	114.87
230	112.87	113.88	114.38	114.22	114.96
240	112.90	113.90	114.45	114.34	114.75
250	112.96	114.06	114.44	114.41	114.80

### VA

Voltage	Sample Number				
	1	2	3	4	5
210	117.29	119.05	119.47	119.54	119.91
220	117.82	119.92	120.44	120.38	120.86
230	118.86	120.82	121.37	121.28	121.78
240	119.91	121.87	122.43	122.47	122.78
250	120.99	123.29	123.59	123.75	123.94

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

**Watts**

Voltage	Sample Number				
	1	2	3	4	5
210	143.72	145.25	145.12	144.34	145.20
220	143.37	145.30	145.59	144.45	145.36
230	143.41	145.43	145.42	144.61	145.57
240	143.45	145.62	145.64	144.79	145.89
250	143.49	145.81	146.05	144.95	146.06

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	148.17	149.83	149.99	149.24	149.78
220	148.93	150.78	150.72	150.02	150.80
230	149.63	151.63	151.60	151.02	151.89
240	150.48	152.63	152.69	151.94	152.82
250	151.52	153.82	153.99	153.03	153.10

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

**Watts**

Voltage	Sample Number				
	1	2	3	4	5
210	167.38	168.04	168.67	167.78	168.35
220	167.33	168.00	168.54	167.60	168.31
230	167.36	168.00	168.36	167.51	168.21
240	167.48	167.98	168.27	167.33	168.13
250	167.52	167.89	168.23	167.26	168.10

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	172.05	172.27	173.12	172.03	172.81
220	172.56	173.00	173.44	172.65	173.25
230	173.20	173.58	174.11	173.11	173.98
240	174.15	174.38	174.67	173.86	174.61
250	174.96	175.24	175.67	174.73	175.55

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

**Watts**

Voltage	Sample Number				
	1	2	3	4	5
210	184.21	183.96	183.61	184.17	183.94
220	184.03	184.00	183.62	184.25	183.98
230	184.05	184.18	183.77	184.35	184.01
240	184.00	184.22	183.88	184.46	184.08
250	183.99	184.41	184.04	184.57	184.22

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	188.29	188.25	187.99	188.53	188.42
220	188.72	188.90	188.92	189.14	188.99
230	189.29	189.90	189.42	189.90	189.57
240	190.05	190.50	190.24	190.78	190.36
250	190.83	191.53	191.30	191.75	191.39

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

**Watts**

Voltage	Sample Number				
	1	2	3	4	5
210	222.91	223.04	222.62	223.88	223.01
220	222.67	223.18	222.43	223.83	222.94
230	222.73	223.04	222.23	223.59	222.96
240	222.44	222.99	222.04	223.42	222.95
250	222.40	222.98	221.85	223.24	223.01

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	226.79	227.47	226.61	227.74	226.85
220	227.28	227.75	226.94	228.06	227.35
230	227.47	228.35	227.23	228.59	228.05
240	228.21	228.77	227.68	229.13	228.65
250	228.82	229.37	228.51	229.76	229.52

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**ILLUSTRATION**



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