



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

**Report No** : MI599  
LTSS Limited  
**Client:** : Charwell House  
Wilson Road  
Alton, Hampshire, GU34 5BD  
**Description** : Road/street luminaire  
**Manufacturer** : Not disclosed  
**Classification** : Class I  
**Type/Model** : LX DPR704E43DSV  
**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

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	46.02	46.32	46.47	46.22	46.78
220	46.04	46.36	46.54	46.20	46.82
230	46.11	46.39	46.57	46.22	46.86
240	46.18	46.46	46.64	46.31	46.92
250	46.25	46.54	46.72	46.38	47.04

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	48.95	49.26	49.63	49.27	49.88
220	49.52	49.66	49.99	49.70	50.23
230	50.04	50.27	50.45	50.24	50.74
240	50.76	50.95	51.12	50.89	51.42
250	51.40	51.63	51.82	51.66	52.28

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

**Watts**

Voltage	Sample Number				
	1	2	3	4	5
210	58.86	59.35	58.89	59.00	58.99
220	58.94	59.46	58.99	59.08	59.05
230	59.02	59.55	59.04	59.15	58.88
240	59.12	59.62	59.11	59.24	58.95
250	59.27	59.78	59.28	59.37	59.03

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	61.46	61.99	61.57	61.82	61.96
220	61.97	62.45	62.01	62.15	62.22
230	62.40	62.93	62.45	62.52	62.42
240	63.12	63.59	63.09	63.20	63.04
250	63.72	64.18	63.65	63.75	63.75

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Test condition 3. 525 mA Operation.

### Watts

Voltage	Sample Number				
	1	2	3	4	5
210	68.12	68.89	69.01	68.74	68.13
220	68.13	68.90	69.03	68.71	68.12
230	68.12	68.88	69.06	68.72	68.13
240	68.14	68.88	69.08	68.74	68.21
250	68.19	68.92	69.09	68.74	68.14

### VA

Voltage	Sample Number				
	1	2	3	4	5
210	70.79	71.38	71.51	71.19	70.70
220	70.87	71.60	71.69	71.47	70.84
230	71.37	72.00	72.22	71.82	71.24
240	71.84	72.46	72.68	72.41	71.74
250	72.32	73.01	73.14	72.93	72.21

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

**Watts**

Voltage	Sample Number				
	1	2	3	4	5
210	74.56	75.10	74.66	75.40	75.38
220	74.62	75.19	74.74	75.50	75.41
230	74.65	75.26	74.80	75.57	75.48
240	74.76	75.28	74.83	75.68	75.54
250	74.91	75.42	75.21	75.75	75.75

**VA**

Voltage	Sample Number				
	1	2	3	4	5
210	76.78	77.37	77.10	77.89	77.63
220	77.23	77.82	77.31	78.11	78.04
230	77.77	78.25	77.78	78.56	78.45
240	78.21	78.67	78.25	79.12	78.96
250	78.82	79.25	78.95	79.62	79.63

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

**Watts**

Voltage	Sample Number				
	1	2	3	4	5
210	91.83	91.55	91.05	91.29	91.09
220	91.73	91.50	90.97	91.28	91.07
230	91.67	91.45	90.95	91.25	91.03
240	91.52	91.42	90.90	91.24	91.02
250	91.53	91.39	90.90	91.22	91.00

**VA**

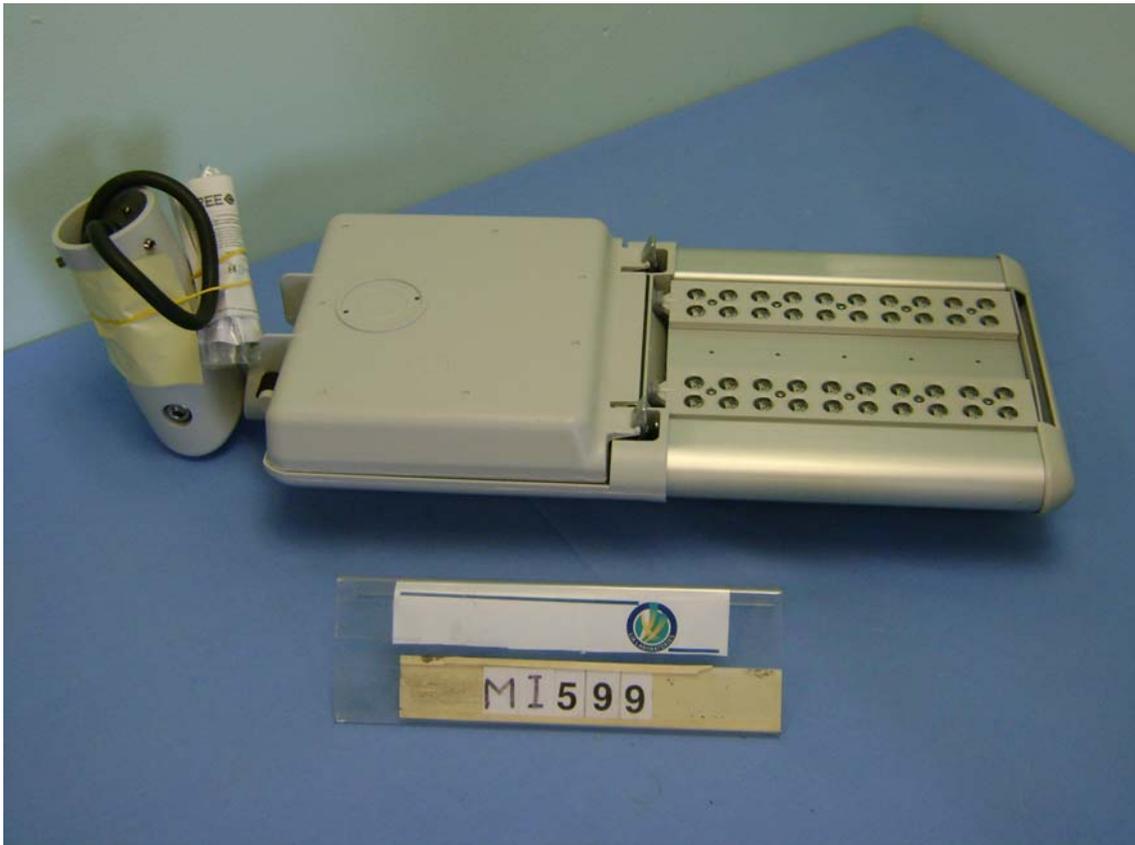
Voltage	Sample Number				
	1	2	3	4	5
210	94.00	93.68	93.29	93.52	93.22
220	94.11	93.82	93.40	93.62	93.39
230	94.33	94.05	93.61	93.90	93.71
240	94.64	94.43	93.98	94.38	94.10
250	95.17	94.82	94.42	94.75	94.40

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**ILLUSTRATION**



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