



T e s t R e p o r t

Report No : MI598
LTSS Limited
Client: : Charwell House
Wilsom Road
Alton, Hampshire, GU34 5BD
Description : Road/street luminaire
Manufacturer : Not disclosed
Classification : Class I
Type/Model : LXDPR706E43DSV
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

Approved: K.GOVINDEN
Position: Technical Manager



1286

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REPORT MI598

Test condition 1. 350 mA Operation.

Watts

Voltage	Sample Number				
	1	2	3	4	5
210	67.10	67.37	66.54	67.56	67.39
220	67.12	67.34	66.56	67.54	67.44
230	67.11	67.31	66.56	67.59	67.38
240	67.11	67.34	66.58	67.58	67.42
250	67.15	67.35	66.65	67.62	67.45

VA

Voltage	Sample Number				
	1	2	3	4	5
210	69.57	69.75	69.15	69.99	69.80
220	69.98	70.05	69.32	70.33	70.18
230	70.34	70.48	69.78	70.74	70.62
240	70.77	70.98	70.41	71.29	71.28
250	71.32	71.51	70.79	71.88	71.78

Continued on following page



REPORT MI598

Test condition 2. 450 mA Operation.

Watts

Voltage	Sample Number				
	1	2	3	4	5
210	85.95	85.71	84.80	85.60	85.41
220	85.96	85.77	84.87	85.69	85.48
230	86.03	85.84	84.99	85.76	85.50
240	86.13	85.92	85.01	85.84	85.58
250	86.24	86.13	85.14	86.02	85.69

VA

Voltage	Sample Number				
	1	2	3	4	5
210	88.10	87.82	87.28	87.84	87.65
220	88.49	88.13	87.55	88.30	88.04
230	88.86	88.56	87.76	88.62	88.31
240	89.40	89.14	88.24	89.12	88.86
250	89.90	89.65	89.90	89.52	89.40

Continued on following page



REPORT MI598

Test condition 3. 525 mA Operation.

Watts

Voltage	Sample Number				
	1	2	3	4	5
210	100.55	100.27	100.16	100.15	100.44
220	100.48	100.13	100.11	100.05	100.30
230	100.38	100.02	100.03	100.02	100.24
240	100.32	99.91	100.02	99.99	100.14
250	100.28	99.92	99.95	99.81	100.10

VA

Voltage	Sample Number				
	1	2	3	4	5
210	102.49	102.27	102.30	102.21	102.31
220	102.69	102.34	102.37	102.36	102.62
230	102.98	102.50	102.65	102.57	102.78
240	103.33	102.82	102.91	102.84	103.20
250	103.61	103.17	103.23	103.20	103.49

Continued on following page



REPORT MI598

Test condition 4. 575 mA Operation.

Watts

Voltage	Sample Number				
	1	2	3	4	5
210	110.11	110.16	110.12	110.03	110.05
220	110.12	110.18	109.99	110.09	109.90
230	110.15	110.23	109.93	110.14	110.03
240	110.22	110.28	109.84	110.24	110.08
250	110.32	110.55	109.87	110.37	110.22

VA

Voltage	Sample Number				
	1	2	3	4	5
210	112.12	112.14	112.03	112.03	112.44
220	112.29	112.36	112.23	112.31	112.20
230	112.75	112.75	112.46	112.78	112.59
240	113.13	113.16	112.79	113.17	112.89
250	113.53	113.69	113.11	113.51	113.67

Continued on following page



REPORT MI598

Test condition 5. 700 mA Operation.

Watts

Voltage	Sample Number				
	1	2	3	4	5
210	133.44	133.10	131.45	132.39	133.23
220	133.28	132.86	131.55	132.24	133.10
230	133.15	132.64	131.50	132.18	133.00
240	133.04	132.50	131.54	132.06	132.83
250	132.95	132.40	131.57	131.95	132.86

VA

Voltage	Sample Number				
	1	2	3	4	5
210	135.28	134.85	133.34	134.36	135.12
220	135.39	134.92	133.53	134.33	135.06
230	135.47	134.95	133.79	134.35	135.16
240	135.68	135.07	134.12	134.61	135.40
250	135.91	135.35	134.50	134.82	135.85

Continued on following page



REPORT MI598

ILLUSTRATION



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