



Test Report

Report No : MI1591
LTSS Limited
Client: : Charwell House
Wilsom Road
Alton, Hampshire, GU34 5BD
Description : Road/street luminaire
Manufacturer : Not disclosed
Classification : Class I
Type/Model : LX DPR702E43DSV
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 : 11/10/13
Conclusion : Refer to body of Report
Date Issued : 15/10/13
Tested by: Z. Lees
Position: Senior Laboratory Engineer
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 | 25.36 | 24.85 | 24.91 | 24.78 | 24.86 |
| 220 | 25.34 | 24.86 | 24.92 | 25.07 | 24.89 |
| 230 | 25.39 | 24.88 | 24.95 | 25.12 | 24.91 |
| 240 | 25.41 | 24.94 | 24.99 | 25.16 | 24.96 |
| 250 | 25.48 | 24.98 | 25.05 | 25.21 | 25.02 |

VA

| Voltage | Sample Number | | | | |
|---------|---------------|-------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 |
| 210 | 28.41 | 27.90 | 27.94 | 27.88 | 27.88 |
| 220 | 28.91 | 28.42 | 28.47 | 28.74 | 28.44 |
| 230 | 29.60 | 29.07 | 29.17 | 29.30 | 29.05 |
| 240 | 30.25 | 29.90 | 29.92 | 30.18 | 29.80 |
| 250 | 31.20 | 30.77 | 30.79 | 30.97 | 30.66 |

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Test condition 2. 450 mA Operation.

Watts

| Voltage | Sample Number | | | | |
|---------|---------------|-------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 |
| 210 | 31.50 | 31.37 | 31.09 | 31.51 | 31.50 |
| 220 | 31.55 | 31.39 | 31.12 | 31.55 | 31.52 |
| 230 | 31.59 | 31.42 | 31.18 | 31.58 | 31.58 |
| 240 | 31.65 | 31.48 | 31.23 | 31.64 | 31.63 |
| 250 | 31.72 | 31.55 | 31.30 | 31.68 | 31.67 |

VA

| Voltage | Sample Number | | | | |
|---------|---------------|-------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 |
| 210 | 34.10 | 34.03 | 33.65 | 34.08 | 34.05 |
| 220 | 34.60 | 34.41 | 34.12 | 34.59 | 34.52 |
| 230 | 35.13 | 35.02 | 34.72 | 35.10 | 35.10 |
| 240 | 35.75 | 35.62 | 35.35 | 35.78 | 35.73 |
| 250 | 36.51 | 36.28 | 36.10 | 36.45 | 36.37 |

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Test condition 3. 525 mA Operation.

Watts

| Voltage | Sample Number | | | | |
|---------|---------------|-------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 |
| 210 | 36.61 | 35.80 | 36.13 | 36.13 | 36.37 |
| 220 | 37.07 | 36.00 | 36.12 | 36.13 | 36.39 |
| 230 | 37.10 | 36.02 | 36.14 | 36.14 | 36.42 |
| 240 | 37.14 | 36.04 | 36.16 | 36.14 | 36.42 |
| 250 | 37.18 | 36.05 | 36.17 | 36.16 | 36.47 |

VA

| Voltage | Sample Number | | | | |
|---------|---------------|-------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 |
| 210 | 39.00 | 38.12 | 38.40 | 38.42 | 38.65 |
| 220 | 39.80 | 38.70 | 38.83 | 38.83 | 39.08 |
| 230 | 40.26 | 39.21 | 39.35 | 39.37 | 39.54 |
| 240 | 40.95 | 39.81 | 39.89 | 39.91 | 40.10 |
| 250 | 41.39 | 40.36 | 40.41 | 40.49 | 40.58 |

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Test condition 4. 575 mA Operation.

Watts

| Voltage | Sample Number | | | | |
|---------|---------------|-------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 |
| 210 | 40.10 | 39.41 | 39.45 | 39.70 | 40.07 |
| 220 | 40.21 | 39.42 | 39.48 | 39.73 | 40.10 |
| 230 | 40.32 | 39.45 | 39.54 | 39.76 | 40.10 |
| 240 | 40.41 | 39.53 | 39.56 | 39.82 | 40.13 |
| 250 | 40.45 | 39.57 | 39.63 | 39.87 | 40.16 |

VA

| Voltage | Sample Number | | | | |
|---------|---------------|-------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 |
| 210 | 42.27 | 41.54 | 41.66 | 41.91 | 42.23 |
| 220 | 42.67 | 41.94 | 42.06 | 42.30 | 42.55 |
| 230 | 43.06 | 42.43 | 42.49 | 42.80 | 43.08 |
| 240 | 43.59 | 43.06 | 43.08 | 43.34 | 43.65 |
| 250 | 44.39 | 43.67 | 43.56 | 43.90 | 44.13 |

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Test condition 5. 700 mA Operation.

Watts

| Voltage | Sample Number | | | | |
|---------|---------------|-------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 |
| 210 | 47.40 | 46.94 | 47.14 | 47.24 | 47.17 |
| 220 | 47.41 | 46.97 | 47.16 | 47.25 | 47.18 |
| 230 | 47.43 | 46.94 | 47.14 | 47.24 | 47.18 |
| 240 | 47.46 | 46.97 | 47.16 | 47.25 | 47.20 |
| 250 | 47.48 | 46.99 | 47.17 | 47.26 | 47.21 |

VA

| Voltage | Sample Number | | | | |
|---------|---------------|-------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 |
| 210 | 49.44 | 48.83 | 49.08 | 49.19 | 49.09 |
| 220 | 49.73 | 49.12 | 49.45 | 49.47 | 49.42 |
| 230 | 50.10 | 49.57 | 49.78 | 49.90 | 49.78 |
| 240 | 50.57 | 50.05 | 50.26 | 50.35 | 50.23 |
| 250 | 51.04 | 50.49 | 50.76 | 50.80 | 50.75 |

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ILLUSTRATION



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