

MEASUREMENT UNCERTAINTIES:

Electrical Property	Least Uncertainty of Measurement
AC current up to 20 A	0.6% of reading + 1 digit
AC Voltage up to 300V	0.3% of reading + 1 digit
AC power up to 5 kW	0.5% of reading + 1 count
Power Factor (PF)	0.5% of reading +1 count, at unity 0.002 + 0.001/PF x frequency, for non-unity

Confidence Level:- As per M3003 and ISO5725, a 95% level of confidence is defined with a coverage factor k=2

RESULTS:

The results for each luminaire are given on pages 3, 4 and 5 of this report. The frequency of the AC supply was nominally 50 HZ

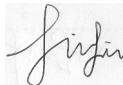
EQUIPMENT:

POWER MEASUREMENT INSTRUMENTATION

Digital Power Analyser :- Voltech Digital Power Analyser – Model Number:- PM1000+
Calibration certificate number:- C107962.

Laboratory Thermometer:-- Zeal Thermometer A26599A.

APPROVED SIGNATORIES



(Jin Lin)
Electrical and Lighting Engineer

The measurements reported only apply to the samples tested – which are representative of production units



(G.R.Culling)
Senior Engineer - Standards and Compliance
BETACOM (1988) LIMITED

All tests reported herein have been performed in accordance with the laboratory's scope of accreditation.

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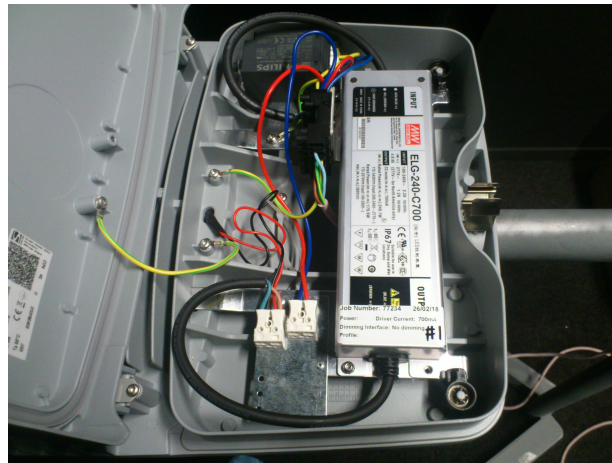
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Luminaire	Schröder AVENTO 2 240 LED NW 178W 250V				
Driver	Single ELG -240 - C700				
Electrical Characteristics					
Applied Nominal Voltage		250 V			
Luminaire Test #	Voltage (Volts)	Current (mA)	Wattage (Watts)	Power Factor	Ta (degrees C)
1	249.8	740.7	179.51	0.97	25.4
2	249.8	740.6	179.05	0.968	24.3
3	249.8	736.9	177.96	0.967	25
4	249.8	742.7	179.33	0.967	25.1
5	249.9	738.1	178.66	0.969	24.7
6	249.8	732.8	177.18	0.968	25.1
7	249.8	740.9	179.4	0.969	25.2
8	249.8	736.8	178.08	0.967	26.6
9	249.8	744.8	179.91	0.967	25.2
10	249.7	740.1	179.02	0.969	27
Average Values	249.8	739.4	178.81	0.968	25.4



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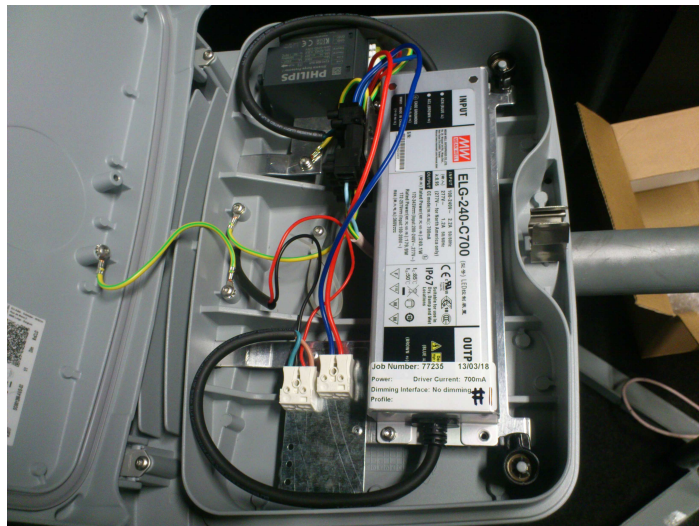
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RESULTS SUMMARY

Luminaire	Schröder AVENTO 2 288 LED NW 212W 250V				
Driver	Single ELG -240 - C700				
Electrical Characteristics					
Applied Nominal Voltage	250 V				
Luminaire Test #	Voltage (Volts)	Current (mA)	Wattage (Watts)	Power Factor	Ta (degrees C)
1	249.8	872.1	212.8	0.977	24.6
2	249.8	868.5	211.6	0.975	25.1
3	249.8	864.3	210.4	0.975	25.6
4	249.8	869.7	211.7	0.975	26
5	249.7	865.3	210.8	0.976	26.3
6	249.7	862.1	210	0.975	24.7
7	249.8	871	212.3	0.976	24.8
8	249.8	865.3	210.8	0.975	25
9	249.7	874.3	212.8	0.975	25.2
10	249.8	870.5	212.2	0.976	25
Average Values	249.8	868.3	211.5	0.976	25.2



Luminaire Set up

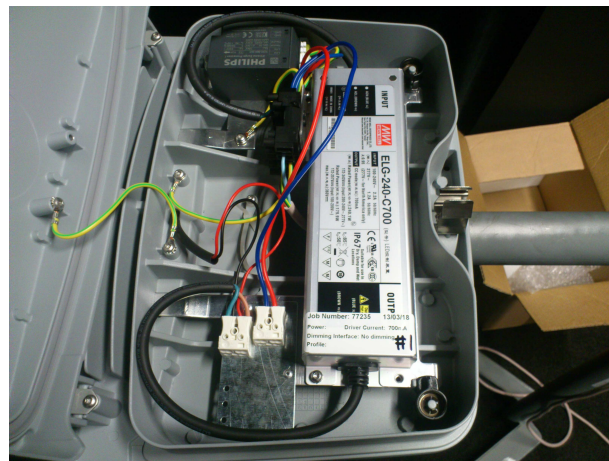


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Luminaire	Schröder AVENTO 2 336 LED NW 244W 250V				
Driver	Single ELG -240 - C700				
Electrical Characteristics					
Applied Nominal Voltage	250 V				
Luminaire Test #	Voltage (Volts)	Current (mA)	Wattage (Watts)	Power Factor	Ta (degrees C)
1	249.7	1002	245.6	0.981	24.7
2	249.7	998	244.2	0.98	25.1
3	249.7	994	243.1	0.98	25
4	249.7	999.1	244.4	0.98	25.4
5	249.6	996	243.8	0.98	26.1
6	249.7	992	242.8	0.98	23.9
7	249.6	1003	245.6	0.981	24.2
8	249.7	995	243.4	0.98	25
9	249.7	1005	245.9	0.98	25.6
10	249.7	1001	245.1	0.981	26.1
Average Values	249.7	998.5	244.39	0.980	25.11



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End of Report



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FILE NAME:-

IANZ_LR1010 - AVENTO 2 Load
Report.pdf

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