

T e s t R e p o r t

Report No : L12611
Client: : Fisher & Company Engineering Services Ltd
Description : LED lighting unit and LED Belisha Beacon together
Fisher and Company - LED lighting unit and LED
Manufacturers : Belisha Beacon together
SCR M Trading - LED Belisha Beacon on its own
Classification : Class I
Type/Model : Not Stated
Lamp Type : LED Strips and LED B22 Lamp
Condition on Receipt : Good
Test Specification : Measurement of power consumption in accordance
with the "Unmetered Supplies Operational Information"
document – Version 11.0 (31/08/11)
Date Tested : 05/03/12
Conclusion : Refer to body of Report
Date Issued : 15/03/12

Signed: N.BUSBY
Position: Technical Manager



Approved: G.RICHARDS
Position: Quality Manager



These Test Results relate only to the unit tested. This Report and following report may not be reproduced except in full without the written approval of the Testing Laboratory.

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LED lighting unit and LED Belisha Beacon together

Complete Unit

Watts

Voltage	Sample Number				
	1	2	3	4	5
210	36.40	36.51	35.55	37.19	35.00
220	36.39	36.24	35.63	37.24	35.05
230	36.10	36.10	35.69	37.29	35.10
240	35.76	36.20	35.77	37.29	35.20
250	35.86	36.23	35.89	37.37	35.33

VA

Voltage	Sample Number				
	1	2	3	4	5
210	49.80	50.59	49.80	51.55	49.05
220	50.33	50.61	50.07	51.89	48.96
230	50.83	50.40	49.88	52.05	48.61
240	50.61	51.22	49.46	52.86	49.61
250	51.15	52.22	50.14	53.84	49.75

Note: The above measurements were recorded when the lamps were running in a “continuous operating mode”

In practice the lamps will operate on a “62% duty cycle” therefore the UMSUG code should reflect actual operating time.

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LED Belisha Beacon on its own

Watts

Voltage	Sample Number				
	1	2	3	4	5
210	15.41	15.66	15.09	15.95	15.00
220	15.40	15.66	15.13	16.02	15.04
230	15.43	15.70	15.19	16.09	15.06
240	15.49	15.72	15.22	16.15	15.10
250	15.59	15.79	15.27	16.23	15.20

VA

Voltage	Sample Number				
	1	2	3	4	5
210	38.17	38.68	36.40	39.47	37.13
220	38.45	38.82	36.62	39.67	38.26
230	38.77	38.37	36.65	40.12	37.58
240	37.99	39.99	37.18	40.05	38.42
250	39.16	41.25	38.38	41.41	38.80

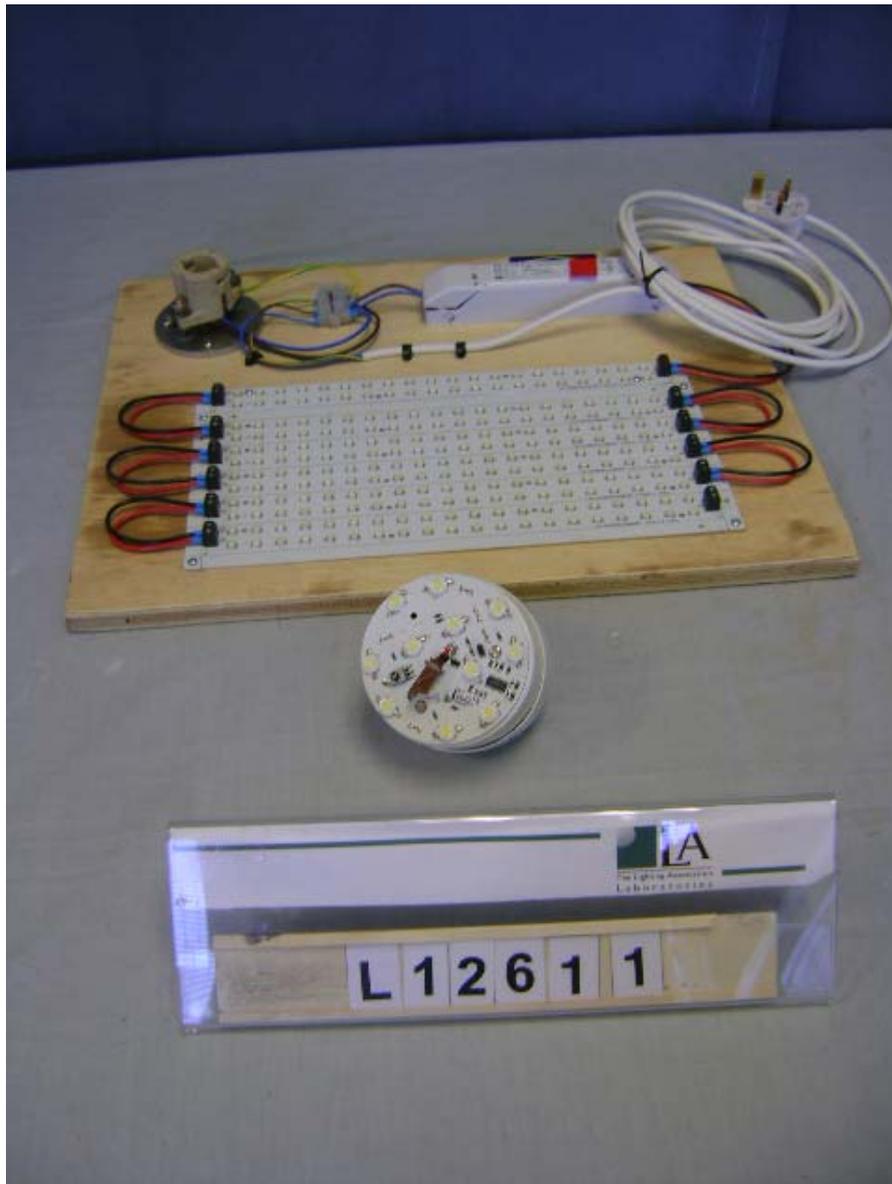
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ILLUSTRATION



End