

## Test Report

**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  
SCRM 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

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

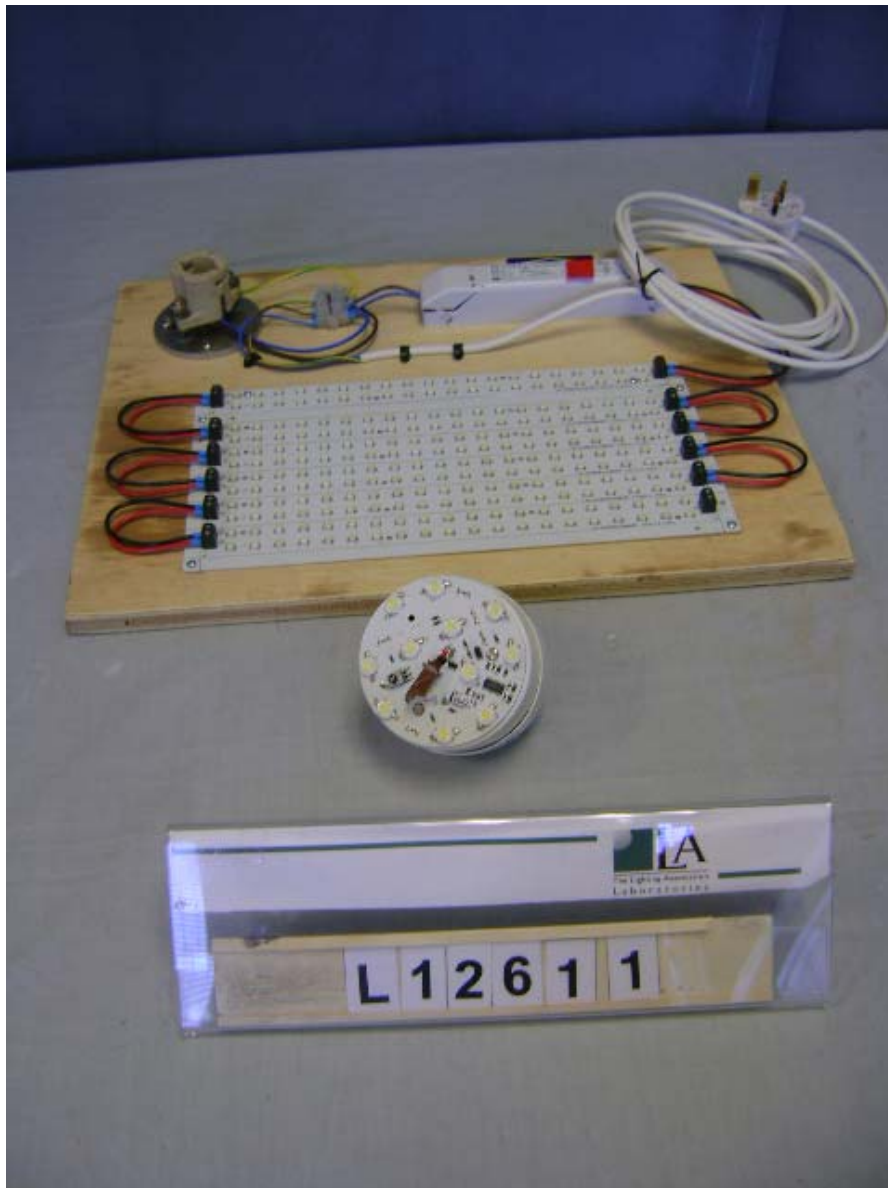
In practice the lamps will operate on a “62% duty cycle” therefore the UMSUG code should reflect actual operating time.

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**ILLUSTRATION**



**End**