



ACN 133 207 379

3<sup>rd</sup> December 2013

**David Ripper,  
Senior Metrology Engineer  
AEMO Ltd  
GPO Box 2008  
Melbourne, VIC 3001**

Dear Mr Ripper,

**Application to Register New Unmetered Type 7 Loads for LED Street Lights**

Following our discussion regarding registering of LED street lights on the NEM Load Tables in late September 2012, we hereby submit a request for 6 LED lamps.

The luminaires that are in this application have been installed in a number of locations across South Australia and are proposed for projects in several other states, pending this application for registration on the NEM load table for unmetered loads.

The 6 LED lights that we request to be registered on the NEM Unmetered Load Table are;

Product Code	LEDs	Lamp name	LED modules	Total Power	Test Report
UNISTWF-0009	28	<b>28W</b>	1	27.7W*	LL15551
UNISTWF-0009	28	<b>35W</b>	1	33.2W*	LL15653
UNISTWF-0008	56	<b>70W</b>	2	65.7W*	LL12852 ITACS 4891
UNISTAA-01-01# NB: Not included in this submission.	48	120W	3	115W	
UNISTAA-02-01	64	<b>150W</b>	4	145.4W	LL15538
UNISTAA-03-01	80	<b>200W</b>	5	178.1W	LL15597
UNISTAA-04-01	96	<b>240W</b>	6	222.6W	LL15654

Notes: \* including Photo-electric (PE) cell # may be submitted for consideration at a later date.

Enclosed are requests from two customers; **Department of Planning, Transport & Infrastructure** and **City of Salisbury** requesting that the LED lights listed above to be registered (attach. 1a & 1b).

Customers using P class luminaires require individual PE cells in each unit, so total load includes that of the PE cell. Customers using V class luminaires, can have up to 6 lights switched from one PE cell, consequently these tests were conducted without PE cells .

Although the luminaires are designed to accommodate switching or dimming using Smart Grid technologies, this option is not enabled in these products, so the control gear output is not variable.

Unilumin luminaires are externally marked to comply with AS 1158, examples of the type and standard of external marking which will be used, is provided (attachment 2).

NATA test laboratory reports are provided with supporting information (attachment 3).

Technical summary and specifications of the devices (attachment 4).

If there is any further information required or you wish to discuss any part of this submission, please contact me at [lilly3@adam.com.au](mailto:lilly3@adam.com.au) or 0477 308 103.

Yours sincerely,



Dr Peter Dean

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