

Mr David Ripper
Senior Metrology Engineer
Australian Energy Market Operator Ltd
500 Collins Street,
Melbourne, VIC 3000
T: 03 9609 8332
E: david.ripper@aemo.com.au
W: www.aemo.com.au

Date: 01/11/2019

Reference: Submission for inclusion on the National
Electricity Load Tables

Dear David,

Re: Submission to include the ORANGETEK - IGNIS 1 - 36 LED (46W) and the IGNIS 1 - 72 LED (89W) on to the National Electricity Market Load Tables.

We kindly request that the following luminaires from the IGNIS Range, be evaluated and given approval for the inclusion on the National Electricity Market Load Tables for unmetered points.

It is common in Road Lighting for various PE Cells to be used and we have no control over specific brands or types of PE cells utilised by the end user. Therefore, our testing was undertaken without PE Cells.

The before mentioned IGNIS 1 Luminaires are typically used on "Category V" applications.

The IGNIS 1 model of Luminaires are specifically designed and manufactured for the Australian / New Zealand Lighting Requirements and complies to AS/NZ 1158-6. Our luminaires including the IGNIS Ranges, have both internal and external labelling that are consistent with the set requirements and character sizes required by SA-SNZ TS 1158-6.

The table below indicates the tested average power consumption for each of these lanterns.

Product Description	Power Consumption (Watts)	Test Report
IGNIS 1 – 36 LED – 46W	46.89	TR No. OC-2019-90038
IGNIS 1 – 72 LED – 89W	91.57	TR No. OC-2019-90041

Our submission is supported by the following Documents:

1. Letter of Support from Sunshine Coast Regional Council
2. Product Information Data Sheets for IGNIS 1.
3. Test Report - TR No. OC-2019-90038 (IGNIS 1 – 36 LED – 46W)
4. Test Report - TR No. OC-2019-90041 (IGNIS 1 – 72 LED – 89W)

The Letter of Support from the Sunshine Coast Regional Council has included a 3rd product being the IGNIS MINI 20 LED 18W. Please note that this product has subsequently been added to the NEM Load Tables list, and hence why we are not resubmitting information specific to this.

Please note that the testing Laboratory being SGS, is TAF accredited and TAF is a member of ILAC MRA.

We trust that the information provided meets your requirements, but please don't hesitate to contact me at any time for any further support or clarification.

Thank you for your consideration, and we look forward to your feedback.

Kind Regards



Dean McErlean

Director

OrangeTek

Mobile Australia: +61 450 727 253

Email: dean@orangetek.com.au

website: www.orangetek.co.uk