

Mr David Ripper
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Reference: Submission for inclusion on the National
Electricity Load Tables

Dear David,

Re: Submission to include the ORANGETEK - EMILIO 36 LED - 71W on to the National Electricity Market Load Tables.

We kindly request that the following luminaire – the EMILIO, 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 a dedicated PE Cells.

The before mentioned EMILIO Luminaires are typically used on either “Category V” or “Category P” applications. This range is also used for a Catenary solution, as required.

The EMILIO range complies to AS/NZ 1158-6. Our luminaires, 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 |
|-----------------------|---------------------------|--------------------------|
| EMILIO – 36 LED – 71W | 68.19 | TR No. TOOC-210700014700 |

Our submission is supported by the following Documents:

1. Letter of Support from Essential Energy
2. Product Information Data Sheets for EMILIO.
3. Test Report - TR No. TOOC-210700014700 (EMILIO – 36 LED – 71W)

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



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