

Mr. David Ripper
Senior Metrology Engineer
Australian Energy Mark Operator Ltd
500 Collins Street, Melbourne, VIC 3000

09 May 2022

Re: Submission to include the Andromeda-C-PoleMS-30 in the National Electricity Market Load Table.

Dear David,

Empyrean Lighting is requesting that the Andromeda-C-PoleMS-30 luminaire be granted approval for inclusion to the National electricity Market Load Tables for Unmetered Loads. The total power consumption is listed in Table 1.

Table 1 – AEMO Unmetered Load Table inclusions

Product Code	Lamp Circuit Power*	Power Factor*	THD*	Test Report No.
Andromeda-C-MS-30	30.16 Watts	0.974	0.056	LL24071

*Represent averages of 10 tested luminaires per LL24071

Empyrean Lighting's Andromeda-C-PoleMS series of luminaires are ultra-high-performance luminaires designed specifically for Australian minor road lighting requirements and comply to SA/SNZ TS 1158.6:2015 where relevant. All products in this series are marked internally and externally as per 1158.6:2015.

Luminaires were tested with a NEMA based shorting cap, and the PE cell load was not included in the totals.

Our submission includes the following documents:

1. Supporting Letter – Noosa Council
2. NATA certified Laboratory testing (LCP test conducted by LightLab in Redcliffe, QLD, Australia)
3. Product Datasheet

We thank you for your consideration and in advance for your approval, if any further information is required, please do not hesitate to contact me directly.

Kindest Regards,



Kevin Day
CEO
Aus M: 0434267200
E: kevin@empyreanlighting.com