Mr David Ripper Senior Metrology Engineer Australian Energy Market Operator Ltd 530 Collins Street Melbourne, Victoria 3000



Dear David,

Re: Submission to include the NXT Series "NXT-Lite-60M Street Lighting Luminaires in the National Electricity Market Load Tables for Unmetered Connection Points.

We request that approval be given for the inclusion of the NXT-Lite-60m at <u>160w</u> and <u>215w</u> to the NEM Load Table. As we have no control over the brand of PE Cell utilised by the end user; tests were undertaken without PE Cell.

The following documentation is presented in support of our submission;

- 1. Letter of Market support from the Dept. of Transport and Main Roads, Qld.
- 2. Specification Sheets and Performance Specifications for the NXT-Lite-60M Series. Cat No. for the two luminaires are; LO-60M-5-7-2ES-8-CE-2-S (160w) and LH-60M-5-7-2ES-3-CE-2-S (215w) respectively.
- 3. Test Reports; ITL89986-THD1 and ITL89987-THD1 for the NXT-Lite-60M 160w and 215w respectively Power Consumption measurement at rated voltage along with LRL's Master Test Log for additional data.
- 4. The external marking on the luminaires will comply with the sizing requirement laid down in TS1158.6.

We thank you for your consideration in including these LRL NXT luminaires on the NEM Load tables.

Yours sincerely,

Terry Cook – General Manager

28th Nov 2017

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