

03<sup>th</sup> July 2018

**Mr David Ripper**

Senior Metrology Engineer  
Australian Energy Market Operator Ltd  
500 Collins Street,  
Melbourne, VIC 3000  
T: 03 9609 8332  
M: 0425 746 277  
E: david.ripper@aemo.com.au  
W: www.aemo.com.au

**GERARD**  
L I G H T I N G

Gerard Lighting Pty Ltd  
ABN 71 115 184 999

96-112 Gow Street  
Padstow 2211 NSW Australia

PO Box 314  
Padstow 2211 NSW Australia

Telephone: + 61 2 9794 9300

Dear David;

**Re: Submission to include the Quantum 320W LED Floodlight in the National Electricity Market Load Table.**

Gerard Lighting request that the Quantum 320W LED Floodlight are given approval for inclusion to the National Electricity Market Load Tables for Unmetered Loads.

The product is suitable for AS/NZS1158.4 applications. The Quantum 320W LED Floodlight consists of 1 module with total of 24 LEDs and the LED driver has a total power consumption of 312.75 Watts. It is suitable for Pedestrian Crossing (PX1, PX2, PX3) lighting applications.

The Quantum series is high performance luminaire specifically designed for flood and road lighting requirements. The product has internal identification label and external marking as per SA/SNZ TS 1158.6.

*Note: Tested with LED module and LED driver only, excluding any other control device such as a Photocontrol switch.*

Our submission is supported with the following documents.

- 1) Supporting Letter for the installation
- 2) Product data sheet
- 3) NATA Laboratory Test Report 180640LCP

We trust this submission meets with your approval requirements. However, should there be any queries or if you require any further information, please don't hesitate to contact me.

Yours Sincerely,



Jonas Olander  
Senior Category Manager Roadway & Infrastructure

P +61 (02) 9353 9486  
A 96-112 Gow St Padstow NSW 2211  
E jolander@gerardlighting.com.au  
W www.gerardlighting.com.au Gerard Lighting Pty. Ltd.