

# CREATING LIGHT - DEVELOPING THE FUTURE



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9<sup>th</sup> Oct 2013

### Submission of Eye Lighting Cera Arc lamps to be included in the National Electricity Market Load Data

Dear David,

Please find enclosed the relevant information, including this letter, required to form our submission for the Cera Arc lamp range for inclusion in the NEM load table as a lamp.

The Cera Arc lamps are ceramic metal halide lamps that run on high pressure sodium control gear, but offer improved light output and colour quality over most high pressure sodium lamps used on Australian roads.

We have been working with Energex who want to use these lamps on their network to retrofit into existing luminaires.

The lamp reference codes and system power ratings should be listed as follows:

Lamp Description	Nominal Rating	Total Power Consumption	AS1158.6 Luminaire Marking
Cera Arc EX	250W	270.1W	MH250
Cera Arc EX	150W	164.5W	MH150
Cera Arc EX	100W	113.5W	MH100
Cera Arc EX	70W	87.5W	MH70

Thank you in advance for processing this request and for your continued support to Eye Lighting Australia Pty Ltd in preparing this application.

Yours sincerely,

Steven Hare  
Systems Engineer  
EYE Lighting Australia Pty Ltd