

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

15th February 2022

Dear David,

Re: Submission to include the Toorak Major 72 LED 70W & 140W luminaires on the National Electricity Load Table.

Vicpole would like to request that the Toorak Major 72 LED 70W & 140W decorative streetlights be given approval for inclusion on the National Electricity Market for Unmetered Load Tables. These luminaires will be used by the various Victorian councils in the Ausnet Services, Jemena, Powercor & United Energy distribution networks.

Luminaire Name	Toorak Major 72 LED 70W (part number LFC-50) Toorak Major 72 LED 140W (part number LFC-58)
Component Details	70W - 72 x Cree 0.97W LED's, Meanwell driver 334mA 140W - 72 x Cree 1.94W LED's, Meanwell driver 633mA
Switching Control	NEMA7 Base to suit NEMA 3-7 NEMA PE Switch
System Wattage	Nominal 70W (tested 74.8W) & 140W (tested 140.4W)
Labelling	30mm High label L70A-22 & L140A-22 are fixed on the underside of the brim.

The Toorak Major 72LED 70W & 140W luminaires are energy efficient top entry decorative luminaires designed for Australia's Category V lighting applications. The luminaire will have external label L70A-22 & L140A-22.

Signifying that it is a LED, 70W, Aeroscreen & manufactured in 2022. Internally there will be a specification label showing luminaire name (Toorak Major 72 LED), 70W 334mA 4K, i-table no. 29813, voltage 230-277V 0.33A 50Hz, IP rating (IP66 Optic & IP67 Driver, IP54 Gear chamber) RCM number & date of manufacture.

Signifying that it is a LED, 140W, Aeroscreen & manufactured in 2022. Internally there will be a specification label showing luminaire name (Toorak Major 72 LED), 140W 633mA 4K, i-table no. 28934, voltage 230-277V 0.63A 50Hz, IP rating (IP66 Optic & IP67 Driver, IP54 Gear chamber) RCM number & date of manufacture.

Supporting Information

Load tests report from TUV, 10 x 70W & 10 x 140W

Toorak Major 72 LED 70W & 140W specification sheets.

Support letter from Whittlesea council.

I trust this meets your requirements, and that the approval can be expedited as soon as practicable.

Regards

Brent Tyrer

Lighting Manager MIES Aust & NZ

VICPOLE Pty Ltd

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