

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

3.03.2023

Dear David,

Submission to include the Evolve Cat V Leopard in the National Electricity Market Load Table

Connected Light Solutions requests that the **Evolve Cat V Leopard** is given approval for inclusion in the National Electricity Market Load Table for Unmetered Loads.

The **Evolve Cat V Leopard** is a high-performance LED that is suitable for Category V applications. The **Evolve Cat V Leopard** series is available in wattage range from 40W – 221W. The total nominal power consumption is listed in the below Table 1.

Device Type: **Evolve Cat V Leopard series.**

Table 1:

SKU#	Model Numbers	Nominal Device Rating	Average System Power
S16423R	LE0095V140D2SG442	95W	94.2W
S16424R	LE0137V140D2SG442	137W	135.8W
S16425R	LE0155V140D2SG442	155W	155.2W
S70402R	LE0233V140D2SG442	233W	235.6W

Please find attached the following support documentation:

- Supporting letter for the installation
 - [TMR Letter of support_Leopard](#)
- Product data sheet
 - [13883 CLS_Spec_Sheet_Update_Leopard_D5](#)
- LCP test reports
 - [D220324013 LCP - Official Report](#)

The luminaires were tested using a NEMA base shorting cap, and the PE Cell load was not included in the Test Reports.

We trust that this submission meets your requirements for approval. Please contact me should there be any queries or if you require further information.

Best regards,

Remko Verschuur

Remko Verschuur

National Business Development Manager

Connected Light Solutions