

Mr David Ripper
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Australian Energy Market Operator LTD
500 Collins Street
Melbourne, Vic 3000
24/07/2024

F.A.O Mr David Ripper
Re. Inclusion of AEC Luminaires Load onto National Electricity Load Table

We would like to request that the following iTron luminaires with credentials as noted below be included on the NEM Load Table as they are electrically identical to the ITALO models that are currently included in the NEM Load Table:

Model Tested	Device Type Description	Test Report Ref	Nominal Power	System Power	External Marking
ITALO 1 X 5P5 STU-S 3.060-1M (QLD 2023)	iTron 5P5 X.060-1M	23-0354	12W	12.2W	L12
ITALO 1 X 5P5 STU-S 3.060-2M (QLD 2023)	iTron 5P5 X.060-2M	23-0322	22W	22.3W	L23
ITALO 1 X 5P5 STU-S 3.060-3M (QLD 2023)	iTron 5P5 X.060-3M	23-0365	34W	33.7W	L34
ITALO 1 X 5P5 STU-S 3.100-1M (QLD 2023)	iTron 5P5 X.100-1M	23-0321	19W	19.7W	L19
ITALO 1 X 5P5 STW 3.100-3M (QLD 2023)	iTron 5P5 X.100-3M	23-0355	54W	54.3	L54
ITALO 1 X 5P5 STE- MS 3.140-3M (QLD 2023)	iTron 5P5 X.140-3M	23-0356	78W	78.4W	L78

In the 'Device Type Description' column of the above table, the letter 'X' has been used because there are several options available that are electrically identical. The X in the above code denotes the LED colour temperature. Applicable options for X are:

'X'	CCT
22	2200K
27	2700K
3	3000K
4	4000K
5	5000K

Please also find attached with this submission:

- Letter from City of Logan;
- Power mapping in comparison to the already approved Italo with identical light engine;
- Luminaire specification sheets.

Also note that all luminaires are supplied with a label in the box as per their designated external marking with 35mm high text to be applied to the underside of the luminaire.

Please get in touch if you require anything further to process this request.

Regards,
Steven J. Hare



General Manager