

**Table D8.1 Lighting Categories**

Amendments to table D8.1 are shown as track changes below. The reasons for these changes are as follows:

- Lamp type changed due to phasing out of yellow HPS lighting on Major Collector roads;
- Fixture wattage changed due to Ergon Energy's revised range of LED luminaires (to remove ambiguity, recommended reference to the 'or' is deleted in both luminaire/lamp type columns and to align working 'Nostalgia NOS1' with 'LED 25 Watt L25');
- Reference to Rate '2' added due to omission from Table;
- Unmetered supply changed to Metered supply due to LED luminaire type for CRC lighting currently not in the NEM Load Tables for unmetered connection points.

**Please also note**, for developments commencing construction at the beginning of August 2018, Ergon Energy's new Philips Road Flair LED luminaire range are to be installed on Sub Arterial (**Cat V3**) and Major Collector (**Cat V5**) roads in place of the HPS luminaire range.

**Table D8.1 Lighting Categories**

Category	Application <sup>1</sup>	Luminaire Type	Lamp Type	Rate <sup>2</sup>
V3	Sub Arterial Road	Sylvania Roadster Aeroscreen	150 – 400 Watt HPS	2
V5	Major Collector Road	Sylvania Roadster Aeroscreen	150 - 400 Watt <del>HPS</del> MH	2
P3	Minor Collector Road	Sylvania Urban Aeroscreen	70 Watt MH	2
P4	Residential Street Access Street Access Place	Sylvania Street LED Mk2 Aeroscreen <del>Or</del> Nostalgia NOS1	17W (14 Watt LED) <del>Or</del> LED <del>30-25</del> Watt <del>L30L25</del>	2
P4	Low Density Residential	Sylvania Street LED Mk2 Aeroscreen	17W (14Watt LED)	<u>2</u>
P3	Industrial Collector Street Industrial Access Street	Sylvania Urban Aeroscreen	70 Watt MH	2
P1 – P3	Pathway and Cycleway	Beacon Viper S Aeroscreen	LED	<u>CRC to be metered</u>  2 or 3
P3	Bus Stop (Minor Road)	Sylvania Urban Aeroscreen	70 Watt MH	2

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Note:

1. Roadway Classifications are contained in Table D1.1 “Street and Road Hierarchy – Deemed to Comply Requirements” of Design Manual “D1 Road Geometry”. Where discrepancies exist between No. of Dwellings, Traffic Generation and Roadway Classification, lighting design shall be based on the Council designated Roadway Classification.
2. Rate 2 – Lighting owned and maintained by the Electricity Authority.  
Rate 3 – Lighting owned and maintained by Council
3. The Nostalgia street light is only to be used for Category P4 lighting on a residential access street and/or access place road. Installation of the Nostalgia street light is not permitted on a Minor Collector Road other than to finish an uncompleted stage.
4. .
5. In general, street lighting poles are to be located opposite common allotment boundaries, to minimise potential interference with vehicle access, access to services (i.e. hydrants) and glare complaints from residents. It is desirable that poles not be located opposite boundaries of “battle axe” allotments due to a higher potential for vehicle collision.
6. Council may consider a lesser standard for subdivisions with lots greater than 4000m<sup>2</sup> and outside the designated urban footprint. e.g. Category P5 or lighting at intersections, cul-de-sac’s and other hazardous locations.