



National Electricity Market Load Tables for Unmetered Connection Points

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Approved by: Mark Katsikandarakis

Title: Group Manager – Markets Management

Date: 17/4/2025

aemo.com.au

New South Wales | Queensland | South Australia | Victoria | Australian Capital Territory | Tasmania | Western Australia

Australian Energy Market Operator Ltd ABN 94 072 010 327

Important Notice

Purpose

AEMO has prepared this document in accordance with the Metrology Procedure: Part B Metering Data Validation, Substitution and Estimation.

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1. Introduction

1.1. Purpose and scope

AEMO is required to publish Load Tables from various jurisdictions under clause 12.1.4(b) of the Metrology Procedure: Part B Metering Data Validation, Substitution and Estimation. This National Electricity Market Load Tables For Unmetered Connection Points (NEM Load Tables) document is a compilation of Load Tables from six jurisdictions consolidated into a single document.

This document has effect only for the purposes set out in the *National Electricity Rules*. The NER and the *National Electricity Law* prevail over this document to the extent of any inconsistency.

1.2. Definitions and interpretation

1.2.1. Glossary

Terms defined in the *National Electricity Law* and the NER have the same meanings in this document unless otherwise specified in this clause.

Terms defined in the NER are intended to be identified in this document by italicising them, but failure to italicise a defined term does not affect its meaning.

The Retail Electricity Market Procedures – Glossary and Framework:

- (a) Is incorporated into and forms part of this document; and
- (b) Should be read in conjunction with the document.

1.2.2. Interpretation

This document is subject to the principles of interpretation set out in Schedule 2 of the *National Electricity Law*.

1.3. Related documents

[Title	Location
Retail Electricity Market Procedures – Glossary and Framework	https://aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering
Metrology Procedure: Part B Metering Data Validation, Substitution and Estimation	https://aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/metrology-procedures-and-unmetered-loads
Unmetered Load Guideline – Determination of Device Load and Annual Energy Consumption for Unmetered Device Types	https://aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/metrology-procedures-and-unmetered-loads

2. Background

A “type 7 Metering Installation” is a methodology for the calculation of *energy* volumes at unmetered *connection points*. The methodology is described within the Metrology Procedure: Part B Metering Data Validation, Substitution and Estimation, and relies on knowledge of the *energy* consumption of each type of device *load* at an unmetered *connection point*. The agreed *load* of each Unmetered Device is recorded in NEM Load Tables.

NEM Load Tables contain *load* values for each type 7 device that has been classified as a *market unmetered load*. These *load* values can then be utilised as a reference to calculate *interval metering data*, required for billing purposes, for the corresponding unmetered *connection points*. The *load* values are obtained from *load* and power consumption tests and are agreed by AEMO, *Metering Coordinators*, *Registered Participants* and other relevant parties.

NEM Load Tables must be updated whenever a new unmetered device, that meets the requirements for an unmetered market *load*, comes into use. The Load Tables contained in this document originated from the Load Tables published by the regulators in New South Wales, South Australia, Victoria, Queensland, Tasmania and ACT.

3. Load Tables for Unmetered Connection Points

There are two main types of unmetered *connection points* that are classified as *market loads*; street lighting (also referred to as public lighting) and traffic signals. New South Wales, South Australia, Victoria, Queensland, Tasmania and ACT have all produced Load Tables for devices used in street lighting in their respective jurisdictions. Only New South Wales and South Australia have published Load Tables for traffic signals in their respective jurisdictions. These jurisdictional Load Tables can be found in Appendices A through C.

Load values for specific devices in NEM Load Tables are not necessarily uniform across jurisdictions as different parties are involved in the production of each table and testing conditions may not be identical. However, there are many similarities. The relevant governing and regulatory bodies in each jurisdiction have approved, confirmed or verified the values used in their respective Load Tables.

All load values published from September 2007 onwards are agreed for use in all NEM jurisdictions. Load values shown in bold indicate the jurisdiction in which the unmetered device submission was made.

4. Process for Amending NEM Load Tables

The process for amendment of NEM Load Tables is described in clause 12.1.4 of the Metrology Procedure: Part B Metering Data Validation, Substitution and Estimation and the Unmetered Load Guideline.

Publication of the unmetered device *load* value in the NEM Load Tables is not an approval to use the unmetered device and does not replace any obligation for an interested party, proposing to add an unmetered device to the NEM Load Tables, to obtain appropriate approvals related to performance acceptance and acceptance of use for the unmetered device from Approval Authorities.

Appendix A. Public Lighting Load Table

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Mercury Vapour									
	50	65.0	M50	61.7	M50	65	65	65	65.0
	70		M70	85.2	M70	81.5			
	80	95.8	M80	92.4	M80	95.8	95.8	95.8	95.8
	2x80	191.6							191.6
	3x80	287.4							287.4
	4x80	383.2							383.2
	6x80	574.8							574.8
	7x80	670.6							670.6
	100		M100	111.9	M100	111.5			
	120		M120	133.6					
	125	142.0	M125	139.2	M125	142	142	142	142.0
	2x125	284.0							284.0
	3x125	426.0			M125x3	426			426.0
	6x125	852.0							852.0
	150		M150	164.8					
	160	175.0							175.0
	2x160	350.0							350.0
	3x160	525.0							525.0
	6x160	1050.0							1050.0
	9x160	1575.0							1575.0



UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
	175	195.0	M175	192.6					195.0
	2x175	390.0							390.0
	250	270.0	M250	273.3	M250	270	270	270	270.0
	2x250	540.0							540.0
	3x250	810.0							810.0
	400	430.0	M400	431	M400	430	430	430	430.0
	2x400	860.0			M400x2	860			860.0
	3x400	1290.0							1290.0
	500	530.0	M500	530					530.0
	700	740.0	M700	733.5			740		740.0
	750		M750	786	M750	779.7			
	2x700	1480.0							1480.0
	800	850.0							850.0
	1000	1040.0	M1000	1060	M1000	1040			1040.0
	4x1000	4160.0							4160.0
	6x1000	6240.0							6240.0
	1625	1690.0							1690.0
High Pressure Sodium									
	35		S35	44					
	50	60.0	S50	62.5	S50	60			60.0
	60		S60	74					
	70	86.0	S70	85.2	S70	86	86	86	86.0
	2x70	172.0							172.0
	3x70	258.0							258.0

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
	4x70	344.0							344.0
	8x70	688.0							688.0
	80		S80	97					
	100	120.0	S100	116.6	S100	120	120	120	120.0
	120	144.0	S120	144					144.0
	125		S125	150					
	150	173.0	S150	168.5	S150	173	173	173	173.0
Active Reactor 150W HPS (January 2011)⁴	150	130		130		130	130	130	130
	160		S160	180					
	220	245.0	S220	245					245.0
	250	273.0	S250	273	S250	273	273	273	273.0
Active Reactor 250W HPS (September 2010)⁴	250	199		199		199	199	199	199
	2 x 250	546.0							546.0
	4x250	1092.0							1092.0
	310 (Retrofit)	350.0	S310	350					350.0
	2x310	700.0							700.0
	360	396.0	S360	396	S360	396			396.0
	400	440.0	S400	436.5	S400	440	440	440	440.0
Active Reactor 400W HPS (September 2011)⁴	400	326.0		326.0		326.0	326.0	326.0	326.0
	2 x 400	880.0	S2x400	873					880.0
	3x400	1320.0							1320.0
	4x400	1760.0							1760.0

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
	600 (Internal Ignitor)	650.0							650.0
	2x600	1300.0							1300.0
	4x600	2600.0							2600.0
	6x600	3900.0							3900.0
	800		S800	873					
	1000	1064.0	S1000	1055					1064.0
	4x1000	4256.0							4256.0
Low Pressure Sodium									
	18		L18	29	L18	29			
	35		L35	60					
	26				L26	35.5			
	55		L55	80	L55	80			
	60		L60	87					
	90		L90	120	L90	115			
	125		L125	157					
	135		L135	170	L135	170			
	140		L140	176					
Metal Halide (Reactor control gear)									
	35		H35	45					
	70	81.5	H70	85.3	TBD	82	81.5		81.5
	75		H75	85.3					
	100	110.0	H100	115.7	TBD	110			110.0

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
	150	168.0	H150	168.5			168		168.0
Active Reactor 150W MH (September 2011)⁴	150	143.0		143.0		143.0	143.0	143.0	143.0
	4x150	672.0							672.0
	175	191.0			TBD	191	191		191.0
	250	268.0	H250	273.5	TBD	268	268		268.0
Active Reactor 250W MH (August 2012)⁴	250	225		225		225	225	225	225
	400	425.0	H400	431	TBD	425	425		425.0
	2x400	850.0							850.0
	500	525.0							525.0
	1000	1040.0	H1000	1040			1040		1040.0
	1500	1560.0	H1500	1560	TBD	1560	1560		1560.0
	2000	2070.0							2070.0
	3745	3745.0							3745.0
Metal Halide – CW (Constant Wattage control gear)									
	150	173.0			TBD	173	173	173	173.0
	250	286.0			TBD	286	286	286	286.0
	400	449.0			TBD	449	449	449	449.0
Metal Halide Cosmopolis (September 2010)¹	45	51.2		51.2		51.2	51.2	51.2	51.2
Metal Halide Cosmopolis (September 2010)¹	60	67.6		67.6		67.6	67.6	67.6	67.6
Metal Halide Cosmopolis (September 2010)¹	90	97.0		97.0		97.0	97.0	97.0	97.0
Metal Halide Cosmopolis (September 2010)¹	140	147.7		147.7		147.7	147.7	147.7	147.7
Metal Halide Sylvania Internal Ignitor (April 2013)¹	70	88		88		88	88	88	88
Metal Halide Eye Cera Arc (November 2013)²	70	87.5		87.5		87.5	87.5	87.5	87.5
Metal Halide Eye Cera Arc (November 2013)²	100	113.5		113.5		113.5	113.5	113.5	113.5

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Metal Halide Eye Cera Arc (November 2013)²	150	164.5		164.5		164.5	164.5	164.5	164.5
Metal Halide Eye Cera Arc (November 2013)²	250	270.1		270.1		270.1	270.1	270.1	270.1
Low Pressure Sodium									
	18	29.0							29.0
	35	60.0							60.0
	55	80.0							80.0
	90						115		
	90/100	120.0							120.0
	135	170.0							170.0
	150	186.0					186		186.0
	160	194.0					194		194.0
	180	212.0					212		212.0
	310	340.0							340.0
Fluorescent									
	7		F7	12.8					
	9	9.0	F9	13.9					9.0
	11	11.0	F11	15.7					11.0
	3x11		F3x11	49.5					
	13	13.0	F13	17.5					13.0
	2x8				F8x2	22.5			
	2 x 14	30.2	F2x14	35.6	F14x2E	29.7			30.2
	3x14		F3x14	53.4					
	4x14		F4x14	71.2					
	6x14		F6x14	106.8					



UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
	15	15.0							15.0
	18		F18	28.6					
	18		F1x20	28.6					
	2 x 18	45.9	F2x18	43.8					45.9
	2x18		F2x20	43.8					
	3x18		F3x18	72.4					
	3x18		F3x20	72.4					
	4x18		F4x18	87.6					
	4x18		F4x20	87.6					
	20	29.0			F20	29	29	29	29.0
	Twin 20	50.0			F20x2	58	50	50	50.0
	3 x 20	77.0					77		77.0
	4x20	100.0			F20x4	100		100	100.0
	6x20	150.0							150.0
	2 x 24	47.0							47.0
	25		F25	32.8					
	26	32.0	F26/	34.1					32.0
	26		F1x30	34.1					
	2x26	64.0							64.0
	4x36		F4x36	184					
	4x36		F4x40	184					
	6x36	192.0							192.0
	32		F32	36.5					
	36	46	F36	46					

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
	36		F1x40	46					
	2x36		F2x36	92					
	2x36		F2x40	92					
	3x36		F3x36	138					
	3x36		F3x40	138					
	40	50.0	F40	49.5	F40	50	50	50	50.0
	2 x 40	100.0			F40x2	100		100	100.0
	3 x 40	150.0						150	150.0
	4 x 40	200.0			F40x4	200		200	200.0
	6 x 40	300.0							300.0
	42		F42	56					
	48		F48	58.8					
	58	72.0	F58	71					72.0
	2 x 58	144.0	F2x58	142					144.0
	4 x 58	288.0							288.0
	5 x 58	360.0							360.0
	65	81.0							81.0
	2x65		F2x65	168.7					
	5x65	405.0							405.0
	80	90.0					90	90	90.0
	2 x 80	180.0							180.0
	3 x 80	270.0	F3x80	270					270.0
	4x80	360.0							360.0
	5x80	450.0							450.0

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
	6x80	540.0							540.0
	2x125	280.0							280.0
	176	200.0							200.0
	236	275.0							275.0
Compact Fluorescent									
CFL 57W (September 2007)¹	57	60.3		60.3		60.3	60.3	60.3	60.3
CFL 42W (September 2007)¹	42	46.4	C1x42	46.4		46.4	46.4	46.4	46.4
CFL 32W (September 2007)¹	32	36.6	C1x32	36.6		36.6	36.6	36.6	36.6
CFL 26W (September 2007)¹	26	28.6	C1x26	28.6		28.6	28.6	28.6	28.6
	2x14		C2x14	29					
Twin 14W T5 (September 2007)⁴	2 x 14	30.5				30.5	30.5	30.5	30.5
	2x24		C2x24	49					
Twin 24W T5 (April 2008)⁴	2 x 24	47				47	47	47	47
Incandescent (Includes Quartz Iodine, Quartz Halogen, Tungsten Halogen Lamps)									
	25		I25	25					
	30	30.0							30.0
	40	40.0	I40	40					40.0
	60	60.0	I60	60	Not in use			60	60.0
	75	75.0	I75	75					75.0
	100	100.0	I100	100	Not in use		100	100	100.0
	3x100	300.0							300.0
	125		I125	125					
	130	130.0							130.0
	150	150.0	I150	150	Not in use		150		150.0

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
	200	200.0	I200	200			200		200.0
	300	300.0	I300	300	Not in use		300		300.0
	400		I400	400					
	500	500.0			Not in use		500		500.0
	750	750.0			Not in use		750		750.0
	800	800.0							800.0
	1000	1000.0			Not in use		1000		1000.0
	1440	1440.0							1440.0
	1500	1500.0			Not in use		1500		1500.0
	2880	2880.0							2880.0
LED									
Orange Tek Terraled 48 (August 2011)¹	49	50.2		50.2		50.2	50.2	50.2	50.2
Sylvania 25W LED (May 2012)¹	25	29		29		29	29	29	29
GE R250 158W LED (August 2012)¹	158	158		158		158	158	158	158
GE R250 237W LED (August 2012)¹	237	237		237		237	237	237	237
GE R250 30W LED (November 2012)¹	30	30		30		30	30	30	30
Toshiba Urban Light 32W LED (November 2012)¹	32	30.9		30.9		30.9	30.9	30.9	30.9
Cooper Navion 17W LED (February 2013)¹	17	17		17		17	17	17	17
Cooper Navion 22W LED (February 2013)¹	22	22		22		22	22	22	22
Cooper Navion 26W LED (February 2013)¹	26	26		26		26	26	26	26
Cooper Navion 51W LED (February 2013)¹	51	51		51		51	51	51	51
Cooper Navion 103W LED (February 2013)¹	103	103		103		103	103	103	103
Cooper Navion 154W LED (February 2013)¹	154	154		154		154	154	154	154
Cooper Navion 206W LED (February 2013)¹	206	206		206		206	206	206	206

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Cooper Navion 309W LED (February 2013) ¹	309	309		309		309	309	309	309
(Pecan) LDL SAT 96M 86W LED (November 2012) ³	86	86		86		86	86	86	86
(Pecan) LDL SAT 96M 200W LED (November 2012) ³	200	200		200		200	200	200	200
(Pecan) LDL SAT 48S 44W LED (November 2012) ³	44	44		44		44	44	44	44
(Pecan) LDL SAT 48S 55W LED (November 2012) ³	55	55		55		55	55	55	55
Pecan SAT 96M 178W LED (April 2013) ³	176	176		176		176	176	176	176
Advanced Lighting Technologies BetaLED Edge 40 LED D350P (April 2013) ³	46	45.6		45.6		45.6	45.6	45.6	45.6
Advanced Lighting Technologies BetaLED Edge 40 LED D525P (April 2013) ³	70	70.2		70.2		70.2	70.2	70.2	70.2
Advanced Lighting Technologies BetaLED Ledway 20 LED D350 (August 2012) ²	26	26		26		26	26	26	26
Advanced Lighting Technologies BetaLED Ledway 20 LED D700 (August 2012) ²	49	48.7		48.7		48.7	48.7	48.7	48.7
Advanced Lighting Technologies BetaLED Ledway 40 LED D350 (August 2012) ²	47	47		47		47	47	47	47
Advanced Lighting Technologies BetaLED Ledway 80 LED D525 (August 2012) ²	143	143		143		143	143	143	143
Advanced Lighting Technologies BetaLED Ledway 120 LED D700 (August 2012) ²	281	281		281		281	281	281	281
Advanced Lighting Technologies BetaLED Ledway 20 LED D350R (August 2012) ²	24	24.3		24.3		24.3	24.3	24.3	24.3
Advanced Lighting Technologies BetaLED Ledway 40 LED D350R (August 2012) ²	46	46.3		46.3		46.3	46.3	46.3	46.3
Advanced Lighting Technologies BetaLED Ledway 80 LED D525R (August 2012) ²	138	137.6		137.6		137.6	137.6	137.6	137.6
Advanced Lighting Technologies BetaLED Ledway 120 LED D525R (August 2012) ²	196	196.2		196.2		196.2	196.2	196.2	196.2
Advanced Lighting Technologies BetaLED Ledway 120 LED D700R (August 2012) ²	260	260		260		260	260	260	260
Advanced Lighting Technologies BetaLED Ledway 30 LED C350 (August 2012) ²	41	40.8		40.8		40.8	40.8	40.8	40.8
Advanced Lighting Technologies BetaLED Ledway 60 LED C350 (August 2012) ²	73	73.2		73.2		73.2	73.2	73.2	73.2
Advanced Lighting Technologies BetaLED Canopy 60 LED C350 (August 2012) ²	69	68.6		68.6		68.6	68.6	68.6	68.6
Advanced Lighting Technologies BetaLED Ledway 60 LED D350 (February 2013) ²	60	60.4		60.4		60.4	60.4	60.4	60.4

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Jasstech ConvoLuxe SPM-40 LED (NSW July 2013) ¹	40	40		40		40	40	40	40
GE R250 98W LED (NSW July 2013) ¹	98	98		98		98	98	98	98
GE R250 39W LED (NSW September 2013) ¹	39	41.1		41.1		41.1	41.1	41.1	41.1
WE-EF ASP 45 LED (Vic September 2013) ⁴	131.8	131.8		131.8		131.8	131.8	131.8	131.8
Aldridge ALS 162 LED (SA September 2013) ³	198.9	198.9		198.9		198.9	198.9	198.9	198.9
Pecan SAT 48S 72W LED (SA October 2013) ³	72	72.8		72.8		72.8	72.8	72.8	72.8
Advanced Lighting Technologies Beta LED Ledway 40 LED D525R (Qld October 2013) ²	69	69.4		69.4		69.4	69.4	69.4	69.4
Advanced Lighting Technologies Beta LED Edge 40 LED D700 (SA 3 October 2013) ³	88	88.3		88.3		88.3	88.3	88.3	88.3
Lightsense Apollo RL2R 30W LED (Vic 17 October 2013) ⁴	30	34.4		34.4		34.4	34.4	34.4	34.4
Sylvania Eco 18 LED (NSW 16 January 2014) ¹	18	21.9		21.9		21.9	21.9	21.9	21.9
A1 Insights UNISTWF-0009 28W LED (SA February 2014) ³	28	27.7		27.7		27.7	27.7	27.7	27.7
A1 Insights UNISTWF-0009 35W LED (SA February 2014) ³	35	33.2		33.2		33.2	33.2	33.2	33.2
A1 Insights UNISTWF-0008 70W LED (SA February 2014) ³	70	65.7		65.7		65.7	65.7	65.7	65.7
A1 Insights UNISTAA-02-01 150W LED (SA February 2014) ³	150	145.4		145.4		145.4	145.4	145.4	145.4
A1 Insights UNISTAA-03-01 200W LED (SA February 2014) ³	200	178.1		178.1		178.1	178.1	178.1	178.1
A1 Insights UNISTAA-04-01 240W LED (SA February 2014) ³	240	222.6		222.6		222.6	222.6	222.6	222.6
Austeknis Kaga LEDeema KLE-126-11L (NSW March 2014) ¹	11	17.0		17.0		17.0	17.0	17.0	17.0
Austeknis Kaga LEDeema KLE-126-19L (NSW March 2014) ¹	19	25.3		25.3		25.3	25.3	25.3	25.3
Lightsense Apollo RL2R 60W LED (NSW April 2014) ¹	60	65.6		65.6		65.6	65.6	65.6	65.6
Lightsense Apollo RL2R 90W LED (NSW April 2014) ¹	90	97.5		97.5		97.5	97.5	97.5	97.5
Lightsense Apollo RL2R 120W LED (NSW April 2014) ¹	120	123.1		123.1		123.1	123.1	123.1	123.1
WE-EF ASP530/PFL240/VFL540/VFL530/FLC141 24 LED 48W/700mA (Qld April 2014) ² (SA August 2016) ³	48	55.5		55.5		55.5	55.5	55.5	55.5

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
WE-EF ASP530/PFL240/VFL540 36 LED 72W/700mA (Qld April 2014) ²	72	81.2		81.2		81.2	81.2	81.2	81.2
GE Duna 63W LED (NSW May 2014) ¹	63	63		63		63	63	63	63
GE Duna 88W LED (NSW May 2014) ¹	88	88		88		88	88	88	88
Pierlite Greenstreet 26W LED (NSW June 2014) ¹	26	26.6		26.6		26.6	26.6	26.6	26.6
Sylvania SL 10 MIDI 89W LED (NSW July 2014) ¹	89	91.8		91.8		91.8	91.8	91.8	91.8
Versalux Saturn 30A 46W LED (SA July 2014) ³	46	49.2		49.2		49.2	49.2	49.2	49.2
Versalux Saturn 30P 46W LED (SA July 2014) ³	46	49.2		49.2		49.2	49.2	49.2	49.2
GE Scalable Wall Pack 43W LED (NSW September 2014) ¹	43	42.6		42.6		42.6	42.6	42.6	42.6
GE Scalable Wall Pack 67W LED (NSW September 2014) ¹	67	67.5		67.5		67.5	67.5	67.5	67.5
GE Twin Contemporary Post Top 49W LED (NSW September 2014) ¹	49	47.4		47.4		47.4	47.4	47.4	47.4
GE Twin Contemporary Post Top 86W LED (NSW September 2014) ¹	86	83.4		83.4		83.4	83.4	83.4	83.4
Nikkon AUS419 EA 25W LED (NSW September 2014) ¹	25	29.7		29.7		29.7	29.7	29.7	29.7
Nikkon AUS419 EK 30W LED (NSW September 2014) ¹	30	33.7		33.7		33.7	33.7	33.7	33.7
WE-EF SP530/PFL240/VFL520/VFL530/VFL540/RFL530/FLC131 12 LED 24W/700mA (Qld October 2014) ² (SA August 2016) ³	24	28.6		28.6		28.6	28.6	28.6	28.6
Nikkon S433 90W LED (NSW October 2014) ¹	90	94.8		94.8		94.8	94.8	94.8	94.8
Nikkon S433 120W LED (NSW October 2014) ¹	120	126.7		126.7		126.7	126.7	126.7	126.7
Nikkon S436 150W LED (NSW October 2014) ¹	150	154.1		154.1		154.1	154.1	154.1	154.1
Nikkon S436 190W LED (NSW October 2014) ¹	190	204.1		204.1		204.1	204.1	204.1	204.1
Pecan Lighting NXT-72M 78W LED (SA November 2014) ³	78	79		79		79	79	79	79
Pecan Lighting NXT-72M 117W LED (SA November 2014) ³	117	117		117		117	117	117	117
Pecan Lighting NXT-72M 158W LED (SA November 2014) ³	158	159		159		159	159	159	159
Lamptech META MT130 130W LED (SA December 2014) ³	130	132.6		132.6		132.6	132.6	132.6	132.6
Lamptech META MT150 150W LED (SA December 2014) ³	150	151.5		151.5		151.5	151.5	151.5	151.5

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Eo Lighting Eo-SPL-96 115W LED (NSW December 2014) ¹	115	116		116		116	116	116	116
Eo Lighting Eo-SPL-C60 60W LED (NSW December 2014) ¹	60	63.2		63.2		63.2	63.2	63.2	63.2
Eo Lighting Eo-SPL-C85 85W LED (NSW December 2014) ¹	58	85.3		85.3		85.3	85.3	85.3	85.3
Eo Lighting Eo-SPL-C200 200W LED (NSW December 2014) ¹	200	192		192		192	192	192	192
Versalux StarLED 32LED 70W (Vic February 2015) ⁴	70	73.4		73.4		73.4	73.4	73.4	73.4
Versalux StarLED 64LED 140W (Vic February 2015) ⁴	140	143.8		143.8		143.8	143.8	143.8	143.8
GE Evolve P4P5 25W LED (NSW February 2015) ¹	25	25		25		25	25	25	25
Eye Lighting LEDioc Street 40VA LED (NSW 2 April 2015) ¹	28	27.7		27.7		27.7	27.7	27.7	27.7
Pecan Lighting NXT12S 525 LED (SA 16 April 2015) ³	20	22.0		22.0		22.0	22.0	22.0	22.0
Pecan Lighting NXT24S 350 LED (SA 16 April 2015) ³	27	29.0		29.0		29.0	29.0	29.0	29.0
Pecan Lighting NXT24S 525 LED (SA 16 April 2015) ³	41	42.0		42.0		42.0	42.0	42.0	42.0
Pecan Lighting NXT24S 700 LED (SA 16 April 2015) ³	54	55.8		55.8		55.8	55.8	55.8	55.8
Pecan Lighting NXT36S 350 LED (SA 16 April 2015) ³	42	41.8		41.8		41.8	41.8	41.8	41.8
Pecan Lighting NXT36S 525 LED (SA 16 April 2015) ³	60	61.3		61.3		61.3	61.3	61.3	61.3
Pecan Lighting NXT36S 700 LED (SA 16 April 2015) ³	80	80.6		80.6		80.6	80.6	80.6	80.6
Thorn Gladiator 2000 LED 26W (SA May 2015) ³	26	22.5		22.5		22.5	22.5	22.5	22.5
GE Spinella Roadway 43W LED (NSW May 2015) ¹	43	43.1		43.1		43.1	43.1	43.1	43.1
GE Spinella Roadway 91W LED (NSW May 2015) ¹	91	91.3		91.3		91.3	91.3	91.3	91.3
GE Spinella Roadway 133W LED (NSW May 2015) ¹	131	131.4		131.4		131.4	131.4	131.4	131.4
GE Spinella Roadway 230W LED (NSW May 2015) ¹	230	230.7		230.7		230.7	230.7	230.7	230.7
Advanced Lighting Technologies XSP LED 25W (NSW June 2015) ¹	25	24.1		24.1		24.1	24.1	24.1	24.1
Efficient Lighting Systems PO29-GP020 LED 20W (Vic June 2015) ⁴	20	20.8		20.8		20.8	20.8	20.8	20.8
Ironbark Sustainability Pierlite World Endurance 150W Induction (Vic July2015) ⁴	150	159.4		159.4		159.4	159.4	159.4	159.4
Vicpole Toorak 16 LED 21W (Vic September 2015) ⁴	21	21		21		21	21	21	21

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Gerard Lighting Sylvania StreetLED 37W (Vic October 2015) ⁴	37	42		42		42	42	42	42
Gerard Lighting Sylvania Avenue/Urban LED 13W (Qld October 2015) ²	13	16.4		16.4		16.4	16.4	16.4	16.4
Gerard Lighting Sylvania SL10 MIDI LED 107W (Qld October 2015) ²	107	107.9		107.9		107.9	107.9	107.9	107.9
Gerard Lighting Sylvania RoadLED 60W (SA October 2015) ³	60	56.7		56.7		56.7	56.7	56.7	56.7
Gerard Lighting Sylvania RoadLED 80W (SA October 2015) ³	80	82.2		82.2		82.2	82.2	82.2	82.2
Gerard Lighting Sylvania RoadLED 120W (SA October 2015) ³	120	120.5		120.5		120.5	120.5	120.5	120.5
Gerard Lighting Sylvania RoadLED 145W (SA October 2015) ³	145	144.9		144.9		144.9	144.9	144.9	144.9
Gerard Lighting Sylvania RoadLED 155W (SA October 2015) ³	155	156.6		156.6		156.6	156.6	156.6	156.6
Gerard Lighting Sylvania RoadLED 175W (SA October 2015) ³	175	174.9		174.9		174.9	174.9	174.9	174.9
Gerard Lighting Sylvania RoadLED 200W (SA October 2015) ³	200	197.9		197.9		197.9	197.9	197.9	197.9
Gerard Lighting Sylvania RoadLED 250W (SA October 2015) ³	250	247		247		247	247	247	247
Gerard Lighting Sylvania RoadLED 300W (SA October 2015) ³	300	309.6		309.6		309.6	309.6	309.6	309.6
Gerard Lighting Sylvania RoadLED 350W (SA October 2015) ³	350	352.1		352.1		352.1	352.1	352.1	352.1
We-ef PFL240/VFL540/RFL540 48LED 96W (Qld October 2015) ²	96	108.3		108.3		108.3	108.3	108.3	108.3
Artcraft Urban Genesis 18W, Metro 18 LED (Vic. December 2015, SA November 2016) ⁴	18	19.4		19.4		19.4	19.4	19.4	19.4
Artcraft Urban Genesis 25W, Metro 25, Flinders25 LED (Vic. December 2015, SA November 2016) ⁴	25	25.7		25.7		25.7	25.7	25.7	25.7
Aldridge ALS24/20 23W LED (Vic. December 2015) ⁴	23	23		23		23	23	23	23
Aldridge ALS105/108 105W LED (Vic. December 2015) ⁴	105	100.3		100.3		100.3	100.3	100.3	100.3
Aldridge ALS216/298 298W LED (Vic. December 2015) ⁴	298	293.3		293.3		293.3	293.3	293.3	293.3
Pecan Lighting NXT12C 700 LED (SA December 2015) ³	27	29		29		29	29	29	29
Pecan Lighting NXT48M 350 LED (SA December 2015) ³	53	55		55		55	55	55	55
Gerard Lighting Sylvania Clip 95W LED (Qld January 2016) ²	95	92.8		92.8		92.8	92.8	92.8	92.8

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Luxmann (formerly LED4Life) Cornea L4L CO65 24C LED (SA May 2016) ³	24	23.1		23.1		23.1	23.1	23.1	23.1
Luxmann (formerly LED4Life) Cornea L4L CO65 29C LED (SA May 2016) ³	29	27.7		27.7		27.7	27.7	27.7	27.7
Luxmann (formerly LED4Life) Cornea L4L CO65 35C LED (SA May 2016) ³	35	35.2		35.2		35.2	35.2	35.2	35.2
Luxmann (formerly LED4Life) Cornea L4L CO65 60C LED (SA May 2016) ³	60	61.2		61.2		61.2	61.2	61.2	61.2
Luxmann (formerly LED4Life) Cornea L4L CO65 X0C LED (SA May 2016) ³	100	98.8		98.8		98.8	98.8	98.8	98.8
Luxmann (formerly LED4Life) Cornea L4L CO65 X2C LED (SA May 2016) ³	120	126.5		126.5		126.5	126.5	126.5	126.5
Luxmann (formerly LED4Life) Cornea L4L CO65 Y4C LED (SA May 2016) ³	240	233.9		233.9		233.9	233.9	233.9	233.9
Luxmann (formerly LED4Life) Cornea L4L CO65 Z2C LED (SA May 2016) ³	420	466.6		466.6		466.6	466.6	466.6	466.6
Pecan Lighting LRL NXT24S450 LED (NSW June 2016) ¹	35	36		36		36	36	36	36
Pecan Lighting LRL NXT48M450 LED (SA June 2016) ³	68	70		70		70	70	70	70
Gerard Lighting Sylvania RoadLED 100W (SA July 2016) ³	100	100.4		100.4		100.4	100.4	100.4	100.4
Gerard Lighting Sylvania StreetLED 14W (SA July 2016) ³	14	17		17		17	17	17	17
HUB Street Equipment HUB Nova 14 LED (NSW August 2016) ¹	14	14.5		14.5		14.5	14.5	14.5	14.5
OrangeTek Voyager 18 LED (NSW August 2016) ¹	18	18.7		18.7		18.7	18.7	18.7	18.7
OrangeTek Voyager 24 LED (NSW August 2016) ¹	24	24		24		24	24	24	24
OrangeTek Voyager 30 LED (NSW August 2016) ¹	30	29.3		29.3		29.3	29.3	29.3	29.3
HBW Lighting AEC 0F2 4.7-4M LED (Qld August 2016) ²	69	68.9		68.9		68.9	68.9	68.9	68.9
HBW Lighting AEC 0F2 4.7-5M LED (Qld August 2016) ²	85	84.7		84.7		84.7	84.7	84.7	84.7
HBW Lighting AEC 0F2 4.7-8M LED (Qld August 2016) ²	137	137		137		137	137	137	137
HBW Lighting AEC 0F2H1 HPO27 4.7-4M LED (Qld August 2016) ²	141	140.9		140.9		140.9	140.9	140.9	140.9
Hamilton Lighting AUS XHYP3 360 LED (Qld August 2016) ²	30	34.8		34.8		34.8	34.8	34.8	34.8
Pecan Lighting NXT 12C 850 LED (NSW August 2016) ¹	33	33		33		33	33	33	33
Aldridge PLED P2430 (Vic August 2016) ⁴	30	30.6		30.6		30.6	30.6	30.6	30.6
GE Lighting ERS LED 108W (Vic September 2016) ⁴	108	108		108		108	108	108	108

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
GE Lighting ERS LED 157W (Vic September 2016) ⁴	157	157		157		157	157	157	157
GE Lighting ERS LED 219W (Vic September 2016) ⁴	219	219		219		219	219	219	219
GE Lighting ERS LED 275W (Vic September 2016) ⁴	275	275		275		275	275	275	275
Nikkon Lighting Aldridge S2125 100W (Vic September 2016) ⁴	100	108.2		108.2		108.2	108.2	108.2	108.2
Nikkon Lighting Aldridge S2125 125W (Vic September 2016) ⁴	125	132.1		132.1		132.1	132.1	132.1	132.1
Nikkon Lighting Aldridge S2190 190W (Vic September 2016) ⁴	190	206.5		206.5		206.5	206.5	206.5	206.5
OrangeTek AriaLED 40 350mA (Qld September 2016) ²	45	45.1		45.1		45.1	45.1	45.1	45.1
OrangeTek AriaLED 40 700mA (Qld September 2016) ²	90	87.7		87.7		87.7	87.7	87.7	87.7
GE Lighting Evolve P4P5 20W (NSW November 2016) ¹	20	20.4		20.4		20.4	20.4	20.4	20.4
Philips Lighting Xceed BRP372 LED152/NW 125W (NSW November 2016) ¹	125	123.3		123.3		123.3	123.3	123.3	123.3
Philips Lighting Xceed BRP371 LED109/NW 90W (NSW November 2016) ¹	90	89.6		89.6		89.6	89.6	89.6	89.6
Gerard Lighting Sylvania RoadLED 275W (Vic November 2016) ⁴	275	275.1		275.1		275.1	275.1	275.1	275.1
OrangeTek TerraLED Mini 18 (NSW November 2016) ¹	18	17.6		17.6		17.6	17.6	17.6	17.6
OrangeTek TerraLED Mini 24 (NSW November 2016) ¹	24	23		23		23	23	23	23
OrangeTek TeraLED Mini 30 (NSW November 2016) ¹	30	28.2		28.2		28.2	28.2	28.2	28.2
Streetworx OzLite LED 23 (Vic November 2016) ⁴	23	23		23		23	23	23	23
Zumtobel Bega 9596s LED (Qld February 2017) ²	115	115		115		115	115	115	115
Gerard Lighting RoadLED 70W (Vic February 2017) ⁴	70	70.4		70.4		70.4	70.4	70.4	70.4
HBW Lighting Italo AEC 0f2 4.5-2M LED (Qld March 2017) ²	27.5	27.4		27.4		27.4	27.4	27.4	27.4
Gerard Lighting Sylvania Modular LED 17W (Qld June 2017) ²	17	17.1		17.1		17.1	17.1	17.1	17.1
Gerard Lighting Sylvania Modular LED 21W (Qld June 2017) ²	21	20.9		20.9		20.9	20.9	20.9	20.9
Gerard Lighting Sylvania Modular LED 25W (Qld June 2017) ²	25	25		25		25	25	25	25
Gerard Lighting Sylvania Modular LED 30W (Qld June 2017) ²	30	29.8		29.8		29.8	29.8	29.8	29.8
ZG Lighting Bega 77929 LED (Qld June 2017) ²	25	26.2		26.2		26.2	26.2	26.2	26.2

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ZG Lighting Bega 77930 LED (Qld June 2017) ²	38.5	39.2		39.2		39.2	39.2	39.2	39.2
Gerard Lighting Sylvania B2001 LED 34W (SA November 2017) ³	34	33.2		33.2		33.2	33.2	33.2	33.2
Philips Lighting BRP711 LED23 (NSW December 2017) ¹	20	20		20		20	20	20	20
Philips Lighting BRP391 LED84 (NSW December 2017) ¹	70	69.2		69.2		69.2	69.2	69.2	69.2
Philips Lighting BRP392 LED132 (NSW December 2017) ¹	110	109.5		109.5		109.5	109.5	109.5	109.5
Philips Lighting BRP392 LED168 (NSW December 2017) ¹	140	140.6		140.6		140.6	140.6	140.6	140.6
Schreder AVENTO 1 96LED (SA December 2017 Updated June 2018) ³	71	73		73		73	73	73	73
Schreder AVENTO 1 144LED (SA December 2017) ³	108	109.9		109.9		109.9	109.9	109.9	109.9
Schreder AVENTO 1 192LED (SA December 2017) ³	142	143.4		143.4		143.4	143.4	143.4	143.4
Schreder PIANO MINI 16LED (SA December 2017) ³	38	37.6		37.6		37.6	37.6	37.6	37.6
Schreder PIANO MIDI 56LED (SA December 2017) ³	123	124		124		124	124	124	124
Schreder PIANO MAXI 88LED (SA December 2017) ³	208	197.4		197.4		197.4	197.4	197.4	197.4
Schreder TECEO 1 16LED (SA December 2017) ³	36	37.8		37.8		37.8	37.8	37.8	37.8
Schreder TECEO 2 56LED (SA December 2017) ³	123	126.5		126.5		126.5	126.5	126.5	126.5
Schreder TECEO 2 80LED (SA December 2017) ³	180	183.5		183.5		183.5	183.5	183.5	183.5
Schreder SHUFFLE 20LED 350mA (SA December 2017) ³	24	23.2		23.2		23.2	23.2	23.2	23.2
Schreder SHUFFLE 20LED 500mA (SA December 2017) ³	33	32.6		32.6		32.6	32.6	32.6	32.6
Schreder SHUFFLE 20LED 700mA (SA December 2017) ³	46	45.6		45.6		45.6	45.6	45.6	45.6
Aldridge PLED P4860W (Qld January 2018) ²	60	58.1		58.1		58.1	58.1	58.1	58.1
Aldridge Como LED CM-30W (Qld January 2018) ²	30	29.5		29.5		29.5	29.5	29.5	29.5
Pecan Lighting NXT Lite 60M 160W (Qld January 2018) ²	160	160.5		160.5		160.5	160.5	160.5	160.5
Pecan Lighting NXT Lite 60M 215W (Qld January 2018) ²	215	214.7		214.7		214.7	214.7	214.7	214.7
Philips Lighting BRP391 LED60 50W (NSW February 2018) ¹	50	50.9		50.9		50.9	50.9	50.9	50.9
Philips Lighting BRP391 LED96 80W (NSW February 2018) ¹	80	80.8		80.8		80.8	80.8	80.8	80.8

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Philips Lighting BRP392 LED108 90W (NSW February 2018) ¹	90	91.2		91.2		91.2	91.2	91.2	91.2
Philips Lighting BRP394 LED312 260W (NSW February 2018) ¹	260	258.9		258.9		258.9	258.9	258.9	258.9
Pecan Lighting Orbiter Mini LED Post Top (SA February 2018) ³	42	41		41		41	41	41	41
Pecan Lighting Orbiter Mini Retro-fit Kit (SA February 2018) ³	36	34		34		34	34	34	34
Pecan Lighting 30W Retro-fit Kit (SA February 2018) ³	30	30		30		30	30	30	30
Philips Lighting BVP381 100W (ACT March 2018) ⁶	100	101.2		101.2		101.2	101.2	101.2	101.2
Philips Lighting BVP382 200W (ACT March 2018) ⁶	200	202.9		202.9		202.9	202.9	202.9	202.9
Philips Lighting BRP392 130W (ACT March 2018) ⁶	130	127.1		127.1		127.1	127.1	127.1	127.1
Philips Lighting BRP711 136 (ACT March 2018) ⁶	36	36.2		36.2		36.2	36.2	36.2	36.2
Transleder Lighting TL055 (Qld March 2018) ²	55	55.1		55.1		55.1	55.1	55.1	55.1
Transleder Lighting TL047 (Qld March 2018) ²	47	47.1		47.1		47.1	47.1	47.1	47.1
Transleder Lighting TL085 (Qld March 2018) ²	85	86.5		86.5		86.5	86.5	86.5	86.5
Transleder Lighting TL078 (Qld March 2018) ²	78	78.7		78.7		78.7	78.7	78.7	78.7
Transleder Lighting TL155 (Qld March 2018) ²	155	158.1		158.1		158.1	158.1	158.1	158.1
Transleder Lighting TL165 (Qld March 2018) ²	165	167.2		167.2		167.2	167.2	167.2	167.2
Transleder Lighting TL260 (Qld March 2018) ²	260	261.2		261.2		261.2	261.2	261.2	261.2
GE Lighting P4P5 Gen 3 (Vic April 2018) ⁴	14	17.3		17.3		17.3	17.3	17.3	17.3
Form and Light Vulkan V8447 2x27W LED Luminaire (April 2018) ¹	54	54.5		54.5		54.5	54.5	54.5	54.5
Schreder Avento 2 240LED (June 2018) ²	179	179		179		179	179	179	179
Schreder Avento 2 288 LED (June 2018) ²	213	212		212		212	212	212	212
Schreder Avento 2 336 LED (June 2018) ²	249	244		244		244	244	244	244
Philips Lighting BRP393 170W (June 2018) ²	170	171.6		171.6		171.6	171.6	171.6	171.6
Philips Lighting BRP393 240W (June 2018) ²	240	235.6		235.6		235.6	235.6	235.6	235.6
Philips Lighting BRP394 270W (June 2018) ²	270	266.4		266.4		266.4	266.4	266.4	266.4

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Schreder Alma 24 LED 41W (July 2018) ³	41	39.3		39.3		39.3	39.3	39.3	39.3
Gerard Astro 1787 Floodlight (July 2018) ³	187	202.3		202.3		202.3	202.3	202.3	202.3
Gerard Sylvania RoadLED Midi 60W (July 2018) ³	60	59.3		59.3		58.3	59.3	59.3	59.3
Gerard Sylvania RoadLED Midi 80W (July 2018) ³	80	79.3		79.3		79.3	79.3	79.3	79.3
Gerard Sylvania RoadLED Midi 100W (July 2018) ³	100	97.9		97.9		97.9	97.9	97.9	97.9
Gerard Sylvania RoadLED Midi 120W (July 2018) ³	120	118.5		118.5		118.5	118.5	118.5	118.5
Gerard Sylvania RoadLED Midi 140W (July 2018) ³	140	138.2		138.2		138.2	138.2	138.2	138.2
Gerard Sylvania RoadLED Midi 150W (July 2018) ³	150	151.2		151.2		151.2	151.2	151.2	151.2
Aldridge PLED.II.14W LED (July 2018) ⁴	17	17.7		17.7		17.7	17.7	17.7	17.7
We-ef PFL240/VFL540/RFL540 48 LED 144W (August 2018) ²	168	172.2		172.2		172.2	172.2	172.2	172.2
Lightscope Greendale 430 LED (August 2018) ²	18.6	18.6		18.6		18.6	18.6	18.6	18.6
Aldridge VLED Mark II 75W LED (August 2018) ²	75	74		74		74	74	74	74
Aldridge VLED Mark II 175W LED (August 2018) ²	175	170		170		170	170	170	170
Aldridge VLED Mark II 265W LED (August 2018) ²	265	258		258		258	258	258	258
Gerard Sylvania RoadLED Midi 70W LED Luminaire (October 2018) ⁴	70	69.6		69.6		69.6	69.6	69.6	69.6
Philips Tango BVP38x 70W LED Luminaire (October 2018) ²	70	71.3		71.3		71.3	71.3	71.3	71.3
Gerard Quantum 320W LED Floodlight (November 2018) ²	320	312.8		312.8		312.8	312.8	312.8	312.8
Gerard Sylvania StreetLED2 31W Luminaire (November 2018) ¹	31	30.5		30.5		30.5	30.5	30.5	30.5
Gerard Sylvania StreetLED2 33W Luminaire (November 2018) ⁴	33	32.5		32.5		32.5	32.5	32.5	32.5
Light Source Solutions GE Evolve P4P5 Gen 3 18W (January 2019) ¹	18	18.3		18.3		18.3	18.3	18.3	18.3
Gerard Sylvania SastaLED Maximus 110W/Sekurit 110W (April 2019) ¹	110	114		114		114	114	114	114
Gerard Sylvania SastaLED Maximus 150W/Sekurit 150W (April 2019) ¹	150	150.3		150.3		150.3	150.3	150.3	150.3
Gerard Sylvania SastaLED Maximus 175W/Sekurit 185W (April 2019) ¹	175/185	177.2		177.2		177.2	177.2	177.2	177.2
Gerard Sylvania StreetLED 3 17W Luminaire (April 2019) ²	17	16.9		16.9		16.9	16.9	16.9	16.9

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Gerard Sylvania StreetLED 3 24W Luminaire (April 2019) ²	24	24.4		24.4		24.4	24.4	24.4	24.4
Aldridge fLud FU.S 100W (April 2019) ²	100	93.6		93.6		93.6	93.6	93.6	93.6
Aldridge fLud FU.M 200W (April 2019) ²	200	196.2		196.2		196.2	196.2	196.2	196.2
Aldridge fLud FU.M 300W (April 2019) ²	300	293.8		293.8		293.8	293.8	293.8	293.8
Aldridge fLud FU.L 400W (April 2019) ²	400	384.1		384.1		384.1	384.1	384.1	384.1
iGuzzini Maxi Woody EH40 LED Floodlight (May 2019) ²	56.8	56.8		56.8		56.8	56.8	56.8	56.8
Gerard Lighting Sylvania Modular Parkville 155W (June 2019) ³	155	153.3		153.3		153.3	153.3	153.3	153.3
International Lighting KIM SAR E35 60L4K 65.7W (1 August 2019) ²	65.7	65.7		65.7		65.7	65.7	65.7	65.7
Telensa Telecells T2A1N-G3/B4, T2A1C-G3/B4, T2A1T-G1, T2A1P-G3/B4 (22 August 2019) ²	0.7	0.7		0.7		0.7	0.7	0.7	0.7
Telensa Basestation BS-4 (22 August 2019) ²	13.4	13.4		13.4		13.4	13.4	13.4	13.4
Gerard Lighting Sylvania Modular Bourke Hill 17W (22 August 2019) ¹	17	16.6		16.6		16.6	16.6	16.6	16.6
Gerard Lighting Sylvania Modular Bourke Hill 22W (22 August 2019) ¹	22	21.6		21.6		21.6	21.6	21.6	21.6
Gerard Lighting Sylvania Modular Bourke Hill 34W (22 August 2019) ¹	34	32.7		32.7		32.7	32.7	32.7	32.7
Gerard Lighting Sylvania Kensington 17W (22 August 2019) ¹	17	16.5		16.5		16.5	16.5	16.5	16.5
Gerard Lighting Sylvania Modular Parkville 80W (22 August 2019) ¹	80	81.5		81.5		81.5	81.5	81.5	81.5
Gerard Lighting Sylvania Modular Parkville 100W (22 August 2019) ¹	100	97		97		97	97	97	97
Light Source Solutions GE Inspire 50W (29 August 2019) ²	50	50.1		50.1		50.1	50.1	50.1	50.1
OrangeTek IGNIS MINI 20 13W (17 October 2019) ¹	13	13.5		13.5		13.5	13.5	13.5	13.5
OrangeTek IGNIS MINI 20 18W (17 October 2019) ¹	18	17.7		17.7		17.7	17.7	17.7	17.7
OrangeTek IGNIS MINI 20 21W (17 October 2019) ¹	21	21		21		21	21	21	21
OrangeTek IGNIS MINI 20 22W (17 October 2019) ¹	22	22.2		22.2		22.2	22.2	22.2	22.2
OrangeTek IGNIS MINI 20 27W (17 October 2019) ¹	27	26.9		26.9		26.9	26.9	26.9	26.9
OrangeTek IGNIS MINI 20 28W (17 October 2019) ¹	28	28.1		28.1		28.1	28.1	28.1	28.1

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
OrangeTek IGNIS 1 36 49W (17 October 2019) ¹	49	49		49		49	49	49	49
OrangeTek IGNIS 1 36 71W (17 October 2019) ¹	71	70.7		70.7		70.7	70.7	70.7	70.7
OrangeTek IGNIS 2 72 117W (17 October 2019) ¹	117	116.4		116.4		116.4	116.4	116.4	116.4
Aldridge fLud-M 240W (17 October 2019) ²	240	245		245		245	245	245	245
Aldridge Boston 20W (31 October 2019) ⁵	18.3	18.3		18.3		18.3	18.3	18.3	18.3
OrangeTek IGNIS 1 36LED 46W (6 December 2019) ²	46.9	46.9		46.9		46.9	46.9	46.9	46.9
OrangeTek IGNIS 1 72LED 89W (6 December 2019) ²	91.6	91.6		91.6		91.6	91.6	91.6	91.6
Aldridge VLED Type 5 108 75W (6 December 2019) ⁴	74	74		74		74	74	74	74
Aldridge VLED Type 5 162 175W (6 December 2019) ⁴	170	170		170		170	170	170	170
Pecan Lighting Louis Poulson Albertslund Mini LED 34W (12 December 2019) ³	34	34.3		34.3		34.3	34.3	34.3	34.3
Pecan Lighting Louis Poulson Albertslund Maxi LED 56W (12 December 2019) ³	55	56		56		56	56	56	56
Aldridge Berlin 17W (20 February 2020) ⁵	17	19.1		19.1		19.1	19.1	19.1	19.1
Sylvania RoadLED Midi 50W (20 February 2020) ¹	50	50.7		50.7		50.7	50.7	50.7	50.7
Sylvania StreetLED 3 25W (5 March 2020) ¹	25	23.1		23.1		23.1	23.1	23.1	23.1
Sylvania Orbital 18W LED Luminaire (5 March 2020) ¹	18	18.2		18.2		18.2	18.2	18.2	18.2
Sylvania Orbital 29W LED Luminaire (5 March 2020) ¹	29	28.4		28.4		28.4	28.4	28.4	28.4
Braums PX 16W LED Luminaire (5 March 2020) ⁴	16	16		16		16	16	16	16
Light Source Solutions GE Evolve P4P5 Gen 3 17W LED Luminaire (23 April 2020) ¹	17	17.4		17.4		17.4	17.4	17.4	17.4
We-Ef Lighting ZFT444-9 18W LED Luminaire (23 April 2020) ³	18	21.2		21.2		21.2	21.2	21.2	21.2
International Lighting iGuzzini Street EH77/ZK79 LED Luminaire (23 April 2020) ²	23.5	23.5		23.5		23.5	23.5	23.5	23.5
International Lighting iGuzzini Twilight E026 LED Luminaire (23 April 2020) ²	20.2	20.2		20.2		20.2	20.2	20.2	20.2
Sylvania-Schreder StreetLED 3 13.7W LED Luminaire (4 June 2020) ⁴	13.7	13.7		13.7		13.7	13.7	13.7	13.7
Felicity Smart Infrastructure RAZO-S-20-250 17W LED Luminaire (4 June 2020) ⁴	17	16.9		16.9		16.9	16.9	16.9	16.9

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Felicity Smart Infrastructure RAZO-S-20-350 23W LED Luminaire (4 June 2020) ⁴	23	22.5		22.5		22.5	22.5	22.5	22.5
Felicity Smart Infrastructure RAZO-M-42-550 70W LED Luminaire (4 June 2020) ⁴	70	69.3		69.3		69.3	69.3	69.3	69.3
Felicity Smart Infrastructure GYRO-P-20-250 17 LED Luminaire (4 June 2020) ⁴	17	17.1		17.1		17.1	17.1	17.1	17.1
Felicity Smart Infrastructure GYRO-P-20-350 23W LED Luminaire (4 June 2020) ⁴	23	22.7		22.7		22.7	22.7	22.7	22.7
Felicity Smart Infrastructure GYRO-P-40-600 73W LED Luminaire (4 June 2020) ⁴	73	72.4		72.4		72.4	72.4	72.4	72.4
Aglo Systems Mondlux Nilum Plus LED Floodlight 75W (4 June 2020) ¹	75	78.6		78.6		78.6	78.6	78.6	78.6
Aglo Systems Mondlux Nilum Plus LED Floodlight 100W (4 June 2020) ¹	100	106		106		106	106	106	106
Aglo Systems Mondlux Nilum Plus LED Floodlight 150W (4 June 2020) ¹	150	158.1		158.1		158.1	158.1	158.1	158.1
Aglo Systems Mondlux Nilum Plus LED Floodlight 300W (4 June 2020) ¹	300	316.1		316.1		316.1	316.1	316.1	316.1
Decrolux Durham 225W Highmast LED Luminaire (6 Aug 2020) ⁶	224	224.3		224.3		224.3	224.3	224.3	224.3
Ledvance HQL LED 2000 16W E27 Lamp (24 Sep 2020) ⁶ Note, users of these lamps must ensure that line voltage is connected directly to the lamp.	16	16.3		16.3		16.3	16.3	16.3	16.3
Ledvance HQL LED 3000 23W E27 Lamp (24 Sep 2020) ⁶ Note, users of these lamps must ensure that line voltage is connected directly to the lamp.	23	23		23		23	23	23	23
Ledvance HQL LED 4000 30W E27 Lamp (24 Sep 2020) ⁶ Note, users of these lamps must ensure that line voltage is connected directly to the lamp.	30	29.4		29.4		29.4	29.4	29.4	29.4
Ledvance HQL LED 6000 46W E27 and E40 Lamp (24 Sep 2020) ⁶ Note, users of these lamps must ensure that line voltage is connected directly to the lamp.	46	42.9		42.9		42.9	42.9	42.9	42.9
Advanced Lighting Technologies XSPM 58W LED Luminaire (24 Sep 2020) ²	58	57.9		57.9		57.9	57.9	57.9	57.9
Advanced Lighting Technologies XSP 94W LED Luminaire (24 Sep 2020) ²	94	95.7		95.7		95.7	95.7	95.7	95.7
Advanced Lighting Technologies XSP 128W LED Luminaire (24 Sep 2020) ²	128	127.8		127.8		127.8	127.8	127.8	127.8
We-Ef Lighting ETC340-GB 24W LED Luminaire (22 Oct 2020) ¹	24	30		30		30	30	30	30
Sylvania-Schreder Sirkel 100W LED Luminaire (22 Oct 2020) ¹	100	105.1		105.1		105.1	105.1	105.1	105.1
Sylvania-Schreder Sirkel 150W LED Luminaire (22 Oct 2020) ¹	150	152.2		152.2		152.2	152.2	152.2	152.2
Sylvania-Schreder RoadLED Midi 165W LED Luminaire (22 Oct 2020) ¹	165	161.7		161.7		161.7	161.7	161.7	161.7

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Sylvania-Schreder Kensington 34W LED Luminaire (17 Dec 2020) ¹	34	32.7		32.7		32.7	32.7	32.7	32.7
Signify RoadFlair BRP391 LED14/WW 10W Luminaire (17 Dec 2020) ¹	10	10.6		10.6		10.6	10.6	10.6	10.6
Signify RoadFlair BRP391 LED23/WW 16W Luminaire (17 Dec 2020) ¹	16	16.6		16.6		16.6	16.6	16.6	16.6
Signify RoadFlair BRP391 LED36/WW 25W Luminaire (17 Dec 2020) ¹	25	25.7		25.7		25.7	25.7	25.7	25.7
Signify RoadFlair BRP391 LED65/NW 47W Luminaire (17 Dec 2020) ¹	47	49.4		49.4		49.4	49.4	49.4	49.4
Signify RoadFlair BRP391 LED104/NW 74W Luminaire (17 Dec 2020) ¹	74	76.7		76.7		76.7	76.7	76.7	76.7
Signify RoadFlair BRP392 LED195/NW 137W Luminaire (17 Dec 2020) ¹	137	140.1		140.1		140.1	140.1	140.1	140.1
Signify RoadFlair BRP393 LED 310/NW 220W Luminaire (17 Dec 2020) ¹	220	224		224		224	224	224	224
Braums PX 12W LED Luminaire (17 Dec 2020) ⁴	12	12.5		12.5		12.5	12.5	12.5	12.5
Pecan Lighting LRL NXT-12C 525mA LED Luminaire (4 Feb 2021) ³	22	22		22		22	22	22	22
Aldridge Traffic Systems TST RTU200Z Data Concentrator (4 Feb 2021) ²	4.2	4.2		4.2		4.2	4.2	4.2	4.2
Aldridge Traffic Systems iCell wireless Node (4 Feb 2021) ²	1.2	1.2		1.2		1.2	1.2	1.2	1.2
iGuzzini V949.G10 9W LED Luminaire (25 Feb 2021) ²	9	8.7		8.7		8.7	8.7	8.7	8.7
Light Source Solutions GE 35W LED Lamp (25 Feb 2021) ¹ Note, users of these lamps must ensure that line voltage is connected directly to the lamp.	35	35.9		35.9		35.9	35.9	35.9	35.9
Sylvania-Schreder Kanon 180W LED Floodlight (11 Mar 2021) ³	180	183.5		183.5		183.5	183.5	183.5	183.5
Aldridge Traffic Systems Tasman 17W LED Luminaire (11 Mar 2021) ⁵	17	17.6		17.6		17.6	17.6	17.6	17.6
Aldridge Traffic Systems Flud 150W LED Floodlight (27 May 2021) ²	150	142.9		142.9		142.9	142.9	142.9	142.9
Aldridge Traffic Systems VLED.II.155W LED Luminaire (27 May 2021) ⁵	155	155.4		155.4		155.4	155.4	155.4	155.4
Aldridge Traffic Systems PLED.II.13W LED Luminaire (27 May 2021) ¹	13	13.3		13.3		13.3	13.3	13.3	13.3
SCS Schreder Cimcon Streetlighting Controller iSLC-3100-7P-N (15 Jul 2021) ²	1.7	1.7		1.7		1.7	1.7	1.7	1.7
HBW Lighting AEC Italo 1 0F2 STA 3.3-2M 19W LED Luminaire (15 Jul 2021) ²	19	19.5		19.5		19.5	19.5	19.5	19.5
Pecan Lighting Promenade 27W LED Bollard (29 July 2021) ³	27	26.2		26.2		26.2	26.2	26.2	26.2

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Connected Light Solutions GE 21W LED Lamp (29 July 2021) ² Note, users of these lamps must ensure that line voltage is connected directly to the lamp.	21	21.1		21.1		21.1	21.1	21.1	21.1
Advanced Lighting Technologies Lunio 35W LED Luminaire with PE Cell (19 August 2021) ³	35	36.2		36.2		36.2	36.2	36.2	36.2
Advanced Lighting Technologies Lunio 35W LED Luminaire without PE Cell (19 August 2021) ³	35	36		36		36	36	36	36
Sylvania-Schreder Sirkel 50W LED Luminaire (9 September 2021) ¹	50	53.8		53.8		53.8	53.8	53.8	53.8
OrangeTek IGNIS 1-36 LED 76W Luminaire (9 September 2021) ¹	76	74.4		74.4		74.4	74.4	74.4	74.4
OrangeTek Emilio 36 LED 71W Luminaire (9 September 2021) ¹	71	68.2		68.2		68.2	68.2	68.2	68.2
Connected Light Solutions ALU 150 LED Floodlight (9 September 2021) ¹	150	149.7		149.7		149.7	149.7	149.7	149.7
Connected Light Solutions ALU 240 LED Floodlight (9 September 2021) ¹	240	242.4		242.4		242.4	242.4	242.4	242.4
Signify Australia Tango BVP382 LED156 120W Floodlight (30 September 2021) ¹	120	122		122		122	122	122	122
Signify Australia Tango BVP382 LED195 150W Floodlight (30 September 2021) ¹	150	152.8		152.8		152.8	152.8	152.8	152.8
Signify Australia Tango BVP384 LED571 435W Floodlight (30 September 2021) ¹	435	443.8		443.8		443.8	443.8	443.8	443.8
Aldridge Traffic Systems Boston 75W LED Luminaire (28 October 2021) ¹	75	77.2		77.2		77.2	77.2	77.2	77.2
Advanced Lighting Technologies Sirius 25W LED Luminaire with PE Cell (28 October 2021) ³	25	25.5		25.5		25.5	25.5	25.5	25.5
Advanced Lighting Technologies Sirius 25W LED Luminaire without PE Cell (28 October 2021) ³	25	25.2		25.2		25.2	25.2	25.2	25.2
Advanced Lighting Technologies Sirius 40W LED Luminaire with PE Cell (28 October 2021) ³	40	39.5		39.5		39.5	39.5	39.5	39.5
Advanced Lighting Technologies Sirius 40W LED Luminaire without PE Cell (28 October 2021) ³	40	39.3		39.3		39.3	39.3	39.3	39.3
Vicpole Toorak 12 LED 14W Luminaire (25 November 2021) ⁴	14	14.8		14.8		14.8	14.8	14.8	14.8
Connected Light Solutions GE Evolve Cat V Leopard 40W LED Luminaire (25 November 2021) ²	40	39.8		39.8		39.8	39.8	39.8	39.8

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Connected Light Solutions GE Evolve Cat V Leopard 122W LED Luminaire (25 November 2021) ¹	122	121.9		121.9		121.9	121.9	121.9	121.9
Connected Light Solutions GE Evolve Cat V Leopard 204W LED Luminaire (25 November 2021) ¹	204	204.2		204.2		204.2	204.2	204.2	204.2
Streetworx Ozlite LED13 Luminaire (9 December 2021) ⁴	13	13		13		13	13	13	13
WE-EF VLR130 48LED Luminaire (9 December 2021) ⁶	30	33.8		33.8		33.8	33.8	33.8	33.8
Sylvania-Schreder Avenue II/Bourke Hill II 14W LED Luminaire (22 December 2021) ²	14	13.7		13.7		13.7	13.7	13.7	13.7
Sylvania-Schreder Avenue II/Bourke Hill II 18W LED Luminaire (22 December 2021) ²	18	17.9		17.9		17.9	17.9	17.9	17.9
Sylvania-Schreder Avenue II/Bourke Hill II/B2001 II 17W LED Luminaire (22 December 2021) ²	17	16.5		16.5		16.5	16.5	16.5	16.5
Sylvania-Schreder B2001 II 28W LED Luminaire (22 December 2021) ²	28	27.8		27.8		27.8	27.8	27.8	27.8
Signify Australia BRP471 LED64/NW 50W LED Luminaire (22 December 2021) ¹	50	50		50		50	50	50	50
Signify Australia BRP471 LED102/NW 78W LED Luminaire (22 December 2021) ¹	78	78.4		78.4		78.4	78.4	78.4	78.4
Signify Australia BRP472 LED189/NW 144W LED Luminaire (22 December 2021) ¹	144	140		140		140	140	140	140
Signify Australia BRP472 LED303/NW 236W LED Luminaire (22 December 2021) ¹	236	228.5		228.5		228.5	228.5	228.5	228.5
Signify Australia Tango BVP383 LED130 100W Floodlight (22 December 2021) ¹	100	106.7		106.7		106.7	106.7	106.7	106.7
Signify Australia Tango BVP384 LED472 360W Floodlight (22 December 2021) ¹	360	365.8		365.8		365.8	365.8	365.8	365.8
Signify Australia Tango BVP383 LED260 200W Floodlight (22 December 2021) ¹	200	205.9		205.9		205.9	205.9	205.9	205.9
Signify Australia Tango BVP381 LED65 50W Floodlight (22 December 2021) ¹	50	53.8		53.8		53.8	53.8	53.8	53.8
LPE Group Park Post Top 30W LED Luminaire (20 January 2022) ³	30	30.1		30.1		30.1	30.1	30.1	30.1
LPE Group Promenade M 20W LED Luminaire (20 January 2022) ³	20	20.3		20.3		20.3	20.3	20.3	20.3
Sylvania-Schreder Bourke Hill II/Parkville II 60W LED Luminaire (14 April 2022) ²	60	60.9		60.9		60.9	60.9	60.9	60.9
Sylvania-Schreder Bourke Hill II/Parkville II 80W LED Luminaire (14 April 2022) ²	80	79.7		79.7		79.7	79.7	79.7	79.7
Sylvania-Schreder Bourke Hill II/Parkville II 100W LED Luminaire (14 April 2022) ²	100	101.6		101.6		101.6	101.6	101.6	101.6

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Sylvania-Schreder Parkville II 120W LED Luminaire (14 April 2022) ²	120	119		119		119	119	119	119
Sylvania-Schreder Parkville II 150W LED Luminaire (14 April 2022) ²	150	150.7		150.7		150.7	150.7	150.7	150.7
Vicpole Pty Ltd Toorak Major 70W LED Luminaire (14 April 2022) ⁴	70	74.8		74.8		74.8	74.8	74.8	74.8
Vicpole Pty Ltd Toorak Major 140W LED Luminaire (14 April 2022) ⁴	140	140.4		140.4		140.4	140.4	140.4	140.4
Aldridge Traffic Systems Como PLED 14W Luminaire (14 April 2022) ³	14	19.3		19.3		19.3	19.3	19.3	19.3
Aldridge Traffic Systems VLED II 300W Luminaire (12 May 2022) ⁵	300	298		298		298	298	298	298
Signify Australia Tango BVP431 70W LED Floodlight (2 June 2022) ²	70	69.3		69.3		69.3	69.3	69.3	69.3
Signify Australia Tango BVP431 100W LED Floodlight (2 June 2022) ²	100	98.5		98.5		98.5	98.5	98.5	98.5
Signify Australia Tango BVP432 200W LED Floodlight (2 June 2022) ²	200	191.9		191.9		191.9	191.9	191.9	191.9
Aldridge Traffic Systems FLX 60W T30 LED Floodlight (2 June 2022) ¹	60	66.9		66.9		66.9	66.9	66.9	66.9
Aldridge Traffic Systems FLX 150W T30 LED Floodlight (2 June 2022) ¹	150	149.9		149.9		149.9	149.9	149.9	149.9
Aldridge Traffic Systems FLX 250W T30 LED Floodlight (2 June 2022) ¹	250	244.7		244.7		244.7	244.7	244.7	244.7
Connected Light Solutions GE Evolve Cat V leopard 68W LED Luminaire (2 June 2022) ⁴	68	67.6		67.6		67.6	67.6	67.6	67.6
Sylvania-Schreder Avento Evo 2 230W LED Luminaire (2 June 2022) ¹	230	225.5		225.5		225.5	225.5	225.5	225.5
Empyream Lighting Andromeda C MS 30 LED Luminaire (16 June 2022) ²	30	30.2		30.2		30.2	30.2	30.2	30.2
Aldridge Traffic Systems PLED II 30W LED Luminaire (16 June 2022) ⁴	30	29.2		29.2		29.2	29.2	29.2	29.2
Insight Lighting EWO IR2 49W LED Luminaire (17 July 2022) ³	49	49.4		49.4		49.4	49.4	49.4	49.4
Aldridge Traffic Systems Boston Series II VLED 155W LED Luminaire (11 August 2022) ³	155	153.1		153.1		153.1	153.1	153.1	153.1
Aldridge Traffic Systems VLED II/MkIII 75W LED Luminaire (11 August 2022) ²	75	76.5		76.5		76.5	76.5	76.5	76.5
Aldridge Traffic Systems VLED II/MkIII 170W LED Luminaire (11 August 2022) ²	170	170.5		170.5		170.5	170.5	170.5	170.5
Signify Australia RoadFlair BRP392 LED60/NW 37W (18 August 2022) ²	37	39.5		39.5		39.5	39.5	39.5	39.5
Signify Australia RoadFlair BRP392 LED96/NW 60W (18 August 2022) ²	60	62.2		62.2		62.2	62.2	62.2	62.2

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Signify Australia RoadFlair BRP392 LED108/NW 67W (18 August 2022) ²	67	70.2		70.2		70.2	70.2	70.2	70.2
Signify Australia RoadFlair BRP392 LED116/NW 113W (18 August 2022) ²	113	121.2		121.2		121.2	121.2	121.2	121.2
Signify Australia RoadFlair BRP393 LED204/NW 138W (18 August 2022) ²	138	139.2		139.2		139.2	139.2	139.2	139.2
Signify Australia RoadFlair BRP393 LED288/NW 204W (18 August 2022) ²	204	207.5		207.5		207.5	207.5	207.5	207.5
Signify Australia RoadFlair BRP394 LED324/NW 220W (18 August 2022) ²	220	222		222		222	222	222	222
Aldridge Traffic Systems VLED MkII/MkIII 147W LED Luminaire (8 September 2022) ²	147	143.2		143.2		143.2	143.2	143.2	143.2
Sylvania-Schreder Kensington Mk2 16W LED Luminaire (8 September 2022) ¹	16	16.4		16.4		16.4	16.4	16.4	16.4
Sylvania-Schreder Kensington Mk2 30W LED Luminaire (6 October 2022) ¹	30	30.1		30.1		30.1	30.1	30.1	30.1
Connected Light Solutions GE Evolve P4P5 Gen 3.1 14W LED Luminaire (17 November 2022) ¹	14	14.3		14.3		14.3	14.3	14.3	14.3
Braums PX21W LED Luminaire (17 October 2022) ⁴	21	20.8		20.8		20.8	20.8	20.8	20.8
Aldridge Traffic Systems VLED MkIII 290W FT LED Luminaire (17 November 2022) ²	290	281.5		281.5		281.5	281.5	281.5	281.5
Signify Australia RoadFlair BRP392 LED60/WW 38W (25 January 2023) ²	38	40.6		40.6		40.6	40.6	40.6	40.6
Signify Australia RoadFlair BRP392 LED96/WW 61W (25 January 2023) ²	61	63.6		63.6		63.6	63.6	63.6	63.6
Signify Australia RoadFlair BRP392 LED108/WW 70W (25 January 2023) ²	70	72.6		72.6		72.6	72.6	72.6	72.6
Signify Australia RoadFlair BRP392 LED161/WW 113W (25 January 2023) ²	113	116.4		116.4		116.4	116.4	116.4	116.4
Signify Australia RoadFlair BRP393 LED204/WW 143W (25 January 2023) ²	143	145.3		145.3		145.3	145.3	145.3	145.3
Signify Australia RoadFlair BRP393 LED288/WW 210W (25 January 2023) ²	210	214.1		214.1		214.1	214.1	214.1	214.1
WE-EF Lighting VFL520 12W LED Luminaire (16 February 2023) ³	12	15.1		15.1		15.1	15.1	15.1	15.1
Signify Australia GreenVision BRP381 LED91/NW 70W (9 March 2023) ²	70	69.9		69.9		69.9	69.9	69.9	69.9
Signify Australia GreenVision BRP383 LED199/NW 150W (9 March 2023) ²	150	148.5		148.5		148.5	148.5	148.5	148.5
Signify Australia GreenVision BRP383 LED307/NW 240W (9 March 2023) ²	240	234.3		234.3		234.3	234.3	234.3	234.3

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Connected Light Solutions GE 80W LED Lamp (9 March 2023) ¹ Note, users of these lamps must ensure that line voltage is connected directly to the lamp.	80	79.4		79.4		79.4	79.4	79.4	79.4
HBW Lighting Italo 1 OF6 OP-DX 4.7-2M 102W LED Luminaire (30 March 2023) ³	102	102.4		102.4		102.4	102.4	102.4	102.4
Aldridge Traffic Systems Boston Series II VLED 60W (30 March 2023) ⁴	60	62.3		62.3		62.3	62.3	62.3	62.3
Sylvania-Schreder RoadLED Midi 40W LED Luminaire (30 March 2023) ¹	40	39.3		39.3		39.3	39.3	39.3	39.3
Sylvania-Schreder RoadLED Midi 61W LED Luminaire (30 March 2023) ¹	61	61.5		61.5		61.5	61.5	61.5	61.5
Sylvania-Schreder StreetLED 3 13W LED Luminaire (30 March 2023) ¹	13	13.2		13.2		13.2	13.2	13.2	13.2
Signify Australia RoadFlair BRP394 LED324/WW 225W Luminaire (30 March 2023) ²	225	226.1		226.1		226.1	226.1	226.1	226.1
Sylvania-Schreder StreetLED 3 11W LED Luminaire (25 May 2023) ⁴	11	11.5		11.5		11.5	11.5	11.5	11.5
Connected Light Solutions GE Area Lighter 75W LED Floodlight (25May 2023) ¹	75	68.3		68.3		68.3	68.3	68.3	68.3
Connected Light Solutions GE Area Lighter 500W LED Floodlight (25May 2023) ¹	500	493.9		493.9		493.9	493.9	493.9	493.9
Sylvania-Schreder Avenue II/Bourke Hill II 23W LED Luminaire (25 May 2023) ¹	24	23.6		23.6		23.6	23.6	23.6	23.6
Aldridge Traffic Systems PLED II 40W LED (15 June 2023) ¹	40	41.7		41.7		41.7	41.7	41.7	41.7
Aldridge Traffic Systems H-LED 600W Luminaire (3 August 2023) ¹	600	690.2		690.2		690.2	690.2	690.2	690.2
HBW Lighting Italo 1 X 5P5X X.060-1M 12W LED Luminaire (3 Agust 2023) ³ iTron 5P5 X.060 -1M (5 September 2024) ³	12	12.2		12.2		12.2	12.2	12.2	12.2
HBW Lighting Italo 1 X 5P5X X.060-2M 22W LED Luminaire (3 Agust 2023) ³ iTron 5P5 X.060-2M (5 September 2024) ³	22	22.3		22.3		22.3	22.3	22.3	22.3
HBW Lighting Italo 1 X 5P5X X.060-3M 34W LED Luminaire (3 Agust 2023) ³ iTron 5P5 X.060-3M (5 September 2024) ³	34	33.7		33.7		33.7	33.7	33.7	33.7
HBW Lighting Italo 1 X 5P5X X.100-1M 19W LED Luminaire (3 Agust 2023) ³ iTron 5P5 X.100-1M (5 September 2024) ³	19	19.7		19.7		19.7	19.7	19.7	19.7
HBW Lighting Italo 1 X 5P5X X.100-3M 54W LED Luminaire (3 Agust 2023) ³ iTron 5P5 X.100-3M (5 September 2024) ³	54	54.3		54.3		54.3	54.3	54.3	54.3
HBW Lighting Italo 1 X 5P5X X.140-3M 78W LED Luminaire (3 Agust 2023) ³	78	78.4		78.4		78.4	78.4	78.4	78.4

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
iTron 5P5 X.140-3M (5 September 2024) ³									
Streetworx Ozlite LED12 Luminaire (3 August 2023) ⁴	12	11.5		11.5		11.5	11.5	11.5	11.5
Connected Light Solutions Cat V Evolve Leopard 95W LED Luminaire (14 September 2023) ²	95	94.2		94.2		94.2	94.2	94.2	94.2
Connected Light Solutions Cat V Evolve Leopard 137W LED Luminaire (14 September 2023) ²	137	135.8		135.8		135.8	135.8	135.8	135.8
Connected Light Solutions Cat V Evolve Leopard 155W LED Luminaire (14 September 2023) ²	155	155.2		155.2		155.2	155.2	155.2	155.2
Connected Light Solutions Cat V Evolve Leopard 233W LED Luminaire (14 September 2023) ²	233	235.6		235.6		235.6	235.6	235.6	235.6
Illuminating Power Technologies IPT QR125W LED Luminaire (14 September 2023) ³	125	123.9		123.9		123.9	123.9	123.9	123.9
Sylvania-Schreder Avento S 48W D4i Zhaga LED Luminaire (26 October 2023) ¹	48	48.8		48.8		48.8	48.8	48.8	48.8
Sylvania-Schreder Avento S 73W D4i Zhaga LED Luminaire (26 October 2023) ¹	73	73.2		73.2		73.2	73.2	73.2	73.2
Sylvania-Schreder Avento 1 149W D4i Zhaga LED Luminaire (26 October 2023) ¹	149	148.3		148.3		148.3	148.3	148.3	148.3
Sylvania-Schreder Avento 2 225W D4i Zhaga LED Luminaire (26 October 2023) ¹	225	225.6		225.6		225.6	225.6	225.6	225.6
Light and Design Group EWO (F1-XS, GO, IR1, DA400, FA770, FA410, FA170, FA100, FO420, CO500, CN500, VM-S) 16LED 200mA Luminaire (7 December 2023) ²	11	11.1		11.1		11.1	11.1	11.1	11.1
Light and Design Group EWO (F1-XS, GO, IR1, DA400, FA770, FA410, FA170, FA100, FO420, CO500, CN500, VM-S) 16LED 400mA Luminaire (7 December 2023) ²	20	20.7		20.7		20.7	20.7	20.7	20.7
Light and Design Group EWO (F2-XS, IR2, VM-S, FA770, FA410) 32LED 700mA Luminaire (7 December 2023) ²	69	69		69		69	69	69	69
Light and Design Group EWO (F4-S, FO600, VM-M, FA770) 64LED 500mA Luminaire (7 December 2023) ²	106	106		106		106	106	106	106
Thorlux Lighting Brisa 18W LED Luminaire (7 December 2023) ⁶	18	16.6		16.6		16.6	16.6	16.6	16.6
Thorlux Lighting Brisa 47W LED Luminaire (7 December 2023) ⁶	47	43		43		43	43	43	43

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Sylvania-Schreder Parkville Mk2 58W LED Luminaire (15 December 2023) ⁴	58	58.8		58.8		58.8	58.8	58.8	58.8
Sylvania-Schreder Parkville Mk2 117W LED Luminaire (15 December 2023) ⁴	117	115.9		115.9		115.9	115.9	115.9	115.9
Pecan Lighting DarkLicht DL-60W LED Luminaire (7 March 2024) ³	60	62		62		62	62	62	62
WE-EF Lighting AFL 130 48 LED 48W/350mA LED Luminaire (28 March 2024) ⁶	48	53.4		53.4		53.4	53.4	53.4	53.4
WE-EF Lighting AFL 130 48 LED 72W/500mA LED Luminaire (28 March 2024) ⁶	72	74.7		74.7		74.7	74.7	74.7	74.7
WE-EF Lighting AFL 130 48 LED 96W/700mA LED Luminaire (28 March 2024) ⁶	96	103.9		103.9		103.9	103.9	103.9	103.9
Sylvania-Schreder IZYLUM 35W LED Luminaire (28 March 2024) ³	35	35.4		35.4		35.4	35.4	35.4	35.4
Sylvania-Schreder IZYLUM EVO 50W LED Luminaire (28 March 2024) ³	50	50.6		50.6		50.6	50.6	50.6	50.6
Sylvania-Schreder IZYLUM 75W LED Luminaire (28 March 2024) ³	75	73.3		73.3		73.3	73.3	73.3	73.3
Sylvania-Schreder IZYLUM EVO72W LED Luminaire (28 March 2024) ³	72	71.9		71.9		71.9	71.9	71.9	71.9
Sylvania-Schreder IZYLUM EVO 73W LED Luminaire (28 March 2024) ³	73	72.4		72.4		72.4	72.4	72.4	72.4
Sylvania-Schreder IZYLUM EVO 110W LED Luminaire (28 March 2024) ³	110	107.3		107.3		107.3	107.3	107.3	107.3
Sylvania-Schreder IZYLUM EVO 149W LED Luminaire (28 March 2024) ³	149	147.9		147.9		147.9	147.9	147.9	147.9
Sylvania-Schreder IZYLUM EVO 162W LED Luminaire (28 March 2024) ³	162	159.7		159.7		159.7	159.7	159.7	159.7
Sylvania-Schreder IZYLUM EVO 225W LED Luminaire (28 March 2024) ³	225	224.2		224.2		224.2	224.2	224.2	224.2
Sylvania-Schreder IZYLUM EVO 249W LED Luminaire (28 March 2024) ³	249	251.6		251.6		251.6	251.6	251.6	251.6
Sylvania-Schreder Avento 75W LED Luminaire (18 April 2024) ³	75	75.6		75.6		75.6	75.6	75.6	75.6
Sylvania-Schreder Avento 142W LED Luminaire (18 April 2024) ³	142	141.4		141.4		141.4	141.4	141.4	141.4
Sylvania-Schreder Avento 232W LED Luminaire (18 April 2024) ³	232	233.4		233.4		233.4	233.4	233.4	233.4
Sylvania-Schreder Sylflood 100W LED Floodlight (30 May 2024) ¹	100	99.5		99.5		99.5	99.5	99.5	99.5
Sylvania-Schreder Sylflood 155W LED Floodlight (30 May 2024) ¹	155	154.9		154.9		154.9	154.9	154.9	154.9
Sylvania-Schreder Sylflood 235W LED Floodlight (30 May 2024) ¹	235	236.5		236.5		236.5	236.5	236.5	236.5
Sylvania-Schreder Macquarie Sphere 45W LED Luminaire (18 July 2024) ¹	45	45		45		45	45	45	45
Aldridge Traffic Systems Boston II 30W LED Luminaire (15 August 2024) ⁴	30	29.2		29.2		29.2	29.2	29.2	29.2

UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)
Sylvania-Schreder SteetLED Mk3 12W (5 September 2024) ⁴	12	11.9		11.9		11.9	11.9	11.9	11.9
Sylvania-Schreder RoadLED MIDI 66W (5 September 2024) ⁴	66	65.6		65.6		65.6	65.6	65.6	65.6
Sylvania-Schreder RoadLED MIDI 115W (5 September 2024) ⁴	115	113.4		113.4		113.4	113.4	113.4	113.4
Sylvania-Schreder RoadLED 210W (5 September 2024) ⁴	210	208.9		208.9		208.9	208.9	208.9	208.9
Versalux Lighting Systems 16 LED 26W Luminaire (5 September 2024) ³	26	25.6		25.6		25.6	25.6	25.6	25.6
CU Phosco FL820AU-1 190W LED Floodlight (3 October 2024) ¹	190	191		191		191	191	191	191
CU Phosco FL820AU-1 422W LED Floodlight (3 October 2024) ¹	422	420.5		420.5		420.5	420.5	420.5	420.5
HBW Lighting iTron 5P5 X.180-1M LED Luminaire (19 December 2024) ²	35	35		35		35	35	35	35
HBW Lighting iTron 5P5 X.180-2M LED Luminaire (19 December 2024) ²	67	67.5		67.5		67.5	67.5	67.5	67.5
HBW Lighting iTron 5P5 X.180-3M LED Luminaire (19 December 2024) ²	99	99.7		99.7		99.7	99.7	99.7	99.7
Connected Light Solutions GE 30W LED Lamp (9 January 2025) ⁶ . Note, users of these lamps must ensure that line voltage is connected directly to the lamp.	30	30.4		30.4		30.4	30.4	30.4	30.4
Connected Light Solutions Envirolux LED CFL 18W Lanp (9January 2025) ⁶ . Note, users of these lamps must ensure that line voltage is connected directly to the lamp.	18	18.5		18.5		18.5	18.5	18.5	18.5
Connected Light Solutions Envirolux LED CFL 22W Lanp (9January 2025) ⁶ . Note, users of these lamps must ensure that line voltage is connected directly to the lamp.	22	21.6		21.6		21.6	21.6	21.6	21.6
Connected Light Solutions Envirolux LED CFL 27W Lanp (9January 2025) ⁶ . Note, users of these lamps must ensure that line voltage is connected directly to the lamp.	27	25.8		25.8		25.8	25.8	25.8	25.8
Sylvania-Schreder Avento 76W LED Luminaire (9January 2025) ²	76	77.1		77.1		77.1	77.1	77.1	77.1
Sylvania-Schreder 7W Roughguard LED Luminaire (17 April 2025) ³	7	7.4		7.4		7.4	7.4	7.4	7.4
Sylvania-Schreder 15W Roughguard LED Luminaire (17 April 2025) ³	15	15.4		15.4		15.4	15.4	15.4	15.4
Sylvania-Schreder 26W Roughguard LED Luminaire (17 April 2025) ³	26	26.4		26.4		26.4	26.4	26.4	26.4
Sylvania-Schreder 41W Roughguard LED Luminaire (17 April 2025) ³	41	41.3		41.3		41.3	41.3	41.3	41.3
Sylvania-Schreder 55W Roughguard LED Luminaire (17 April 2025) ³	55	50.6		50.6		50.6	50.6	50.6	50.6



UNMETERED DEVICE	Nominal Device Rating (W)	NSW Load (W)	QLD Code	QLD Load (W)	SA Code	SA Load (W)	VIC Load (W)	TAS Load (W)	ACT Load (W)

- ¹ Submitted in NSW – agreed load value for use in all jurisdictions.
- ² Submitted in Queensland – agreed load value for use in all jurisdictions.
- ³ Submitted in SA – agreed load value for use in all jurisdictions.
- ⁴ Submitted in Victoria – agreed load value for use in all jurisdictions.
- ⁵ Submitted in Tasmania – agreed load value for use in all jurisdictions.
- ⁶ Submitted in ACT – agreed load value for use in all jurisdictions.

Appendix B. NSW Traffic Signals Load Table

ID	Unmetered Device	Full Load (W)	Dimmed Load (W)
16/0	Delta 3	64.0	64.0
23/0	PSC1 NC12/16	61.0	61.0
44/5	Square / With audio tactile	8.0	8.0
46/5	Oval / With audio tactile	8.0	8.0
46/12	Oval / With tactile only (February 2014) ¹	8.0	8.0
55/1	Proximitor 402 / Shelf Mounted	8.0	8.0
55/2	Proximitor 402 / Post mounted with encoder	8.0	8.0
55/3	Proximitor 402 / Post mounted without encoder	8.0	8.0
56/1	Proximitor 404 / Shelf Mounted	8.0	8.0
56/2	Proximitor 404 / Post mounted with encoder	8.0	8.0
56/3	Proximitor 404 / Post mounted without encoder	8.0	8.0
59/1	Electromatic ST10H2 / Shelf Mounted	8.0	8.0
59/2	Electromatic ST10H2 / Post mounted with encoder	8.0	8.0
59/3	Electromatic ST10H2 / Post mounted without encoder	8.0	8.0
60/1	Electromatic ST10H4 / Shelf Mounted	8.0	8.0
60/2	Electromatic ST10H4 / Post mounted with encoder	8.0	8.0
60/3	Electromatic ST10H4 / Post mounted without encoder	8.0	8.0
64/8	Single aspect Q.H. / 200MM Street Level	19.8	16.8
64/9	Single aspect Q.H. / 300MM Mast Arm	28.2	23.9
64/10	Single aspect Q.H. / 300MM Street Level	28.2	23.9
64/11	Single aspect Q.H. / 200MM Mast Arm	19.8	16.8
68/3	Microwave / Post mounted without encoder	8.0	8.0
70/8	Two aspect Q.H. / 200MM Street Level	39.5	33.5
70/9	Two aspect Q.H. / 300MM Mast Arm	56.4	47.9
70/10	Two aspect Q.H. / 300MM Street Level	56.4	47.9
70/11	Two aspect Q.H. / 200MM Mast Arm	39.5	33.5
73/8	Three aspect Q.H. / 200MM Street Level	39.5	33.5
73/9	Three aspect Q.H. / 300MM Mast Arm	56.4	47.9
73/10	Three aspect Q.H. / 300MM Street Level	56.4	47.9
73/11	Three aspect Q.H. / 200MM Mast Arm	39.5	33.5
76/0	Nema 2 channel	8.0	8.0
77/0	Nema 4 channel	8.0	8.0
78/0	Nema 8 channel	8.0	8.0
80/0	PSC NA4	28.0	28.0
81/0	PSC NA6	28.0	28.0
90/0	PSC2 NC12/16	61.0	61.0
94/8	Four aspect Q.H. / 200MM Street Level	59.2	50.3
94/9	Four aspect Q.H. / 300MM Mast Arm	84.6	71.9

ID	Unmetered Device	Full Load (W)	Dimmed Load (W)
94/10	Four aspect Q.H. / 300MM Street Level	84.6	71.9
94/11	Four aspect Q.H. / 200MM Mast Arm	59.2	50.3
97/8	Two aspect pedestrian Q.H. / 200MM Street Level	39.5	33.5
127/0	PSC3 NC12/16	61.0	61.0
136/0	Red Light Camera Loop	41.0	41.0
137/0	CCTV Camera	28.0	28.0
158/0	Traffic signal controller QTC ATC3264/1A (QTC)	34.9	34.9
165/0	CCTV Model PTZ	8.5	8.5
178/8	Single aspect LED/ Full / 200MM Street Level	4.0	2.3
178/9	Single aspect LED/ Full / 300MM Mast Arm	6.0	4.4
178/10	Single aspect LED/ Full / 300MM Street Level	6.0	4.4
178/11	Single aspect LED/ Full / 200MM Mast Arm	4.0	2.3
179/8	Single aspect LED/ Arrow / 200MM Street Level	3.3	2.1
179/9	Single aspect LED/ Arrow / 300MM Mast Arm	3.9	2.4
179/10	Single aspect LED/ Arrow / 300MM Street Level	3.9	2.4
179/11	Single aspect LED/ Arrow / 200MM Mast Arm	3.3	2.1
180/8	Single aspect LED/ Bus / 200MM Street Level	4.0	2.6
180/9	Single aspect LED/ Bus / 300MM Mast Arm	3.9	2.4
180/10	Single aspect LED/ Bus / 300MM Street Level	3.9	2.4
180/11	Single aspect LED/ Bus / 200MM Mast Arm	4.0	2.6
181/8	Two aspect LED/ Full / 200MM Street Level	7.5	4.5
181/9	Two aspect LED/ Full / 300MM Mast Arm	11.3	8.0
181/10	Two aspect LED/ Full / 300MM Street Level	11.3	8.0
181/11	Two aspect LED/ Full / 200MM Mast Arm	7.5	4.5
182/8	Two aspect LED/ Arrow / 200MM Street Level	6.1	3.9
182/9	Two aspect LED/ Arrow / 300MM Mast Arm	7.1	4.4
182/10	Two aspect LED/ Arrow / 300MM Street Level	7.1	4.4
182/11	Two aspect LED/ Arrow / 200MM Mast Arm	6.1	3.9
183/8	Two aspect LED/ Other / 200MM Street Level	6.1	3.9
183/9	Two aspect LED/ Other / 300MM Mast Arm	7.1	4.4
183/10	Two aspect LED/ Other / 300MM Street Level	7.1	4.4
183/11	Two aspect LED/ Other / 200MM Mast Arm	6.1	3.9
184/8	Three aspect LED/ Full / 200MM Street Level	7.9	4.9
184/9	Three aspect LED/ Full / 300MM Mast Arm	12.4	9.1
184/10	Three aspect LED/ Full / 300MM Street Level	12.4	9.1
184/11	Three aspect LED/ Full / 200MM Mast Arm	7.9	4.9
185/8	Three aspect LED/ Arrow / 200MM Street Level	6.2	4.0
185/9	Three aspect LED/ Arrow / 300MM Mast Arm	7.0	4.4
185/10	Three aspect LED/ Arrow / 300MM Street Level	7.0	4.4
185/11	Three aspect LED/ Arrow / 200MM Mast Arm	6.2	4.0

ID	Unmetered Device	Full Load (W)	Dimmed Load (W)
186/8	Three aspect LED/ Other / 200MM Street Level	6.2	4.0
186/9	Three aspect LED/ Other / 300MM Mast Arm	7.0	4.4
186/10	Three aspect LED/ Other / 300MM Street Level	7.0	4.4
186/11	Three aspect LED/ Other / 200MM Mast Arm	6.2	4.0
187/8	Four aspect LED/ Full / 200MM Street Level	11.9	7.8
187/9	Four aspect LED/ Full / 300MM Mast Arm	18.4	14.7
187/10	Four aspect LED/ Full / 300MM Street Level	18.4	14.7
187/11	Four aspect LED/ Full / 200MM Mast Arm	11.9	7.8
190/8	Two aspect LED/ Ped / 200MM Street Level	6.2	4.7
193/0	Traffic signal controller Tyco EC1 Series 60 (Eclipse) (August 2008) ¹	41.5	41.5
208/0	Road Safety Camera – Redflex (February 2011) ¹	191.7	191.7
209/0	Road Safety Camera – DCD (February 2011) ¹	159.3	159.3
210/0	Road Safety Camera – Sensis (February 2011) ¹	433.5	433.5
211/0	Road Safety Camera – Aspect (February 2011) ¹	183.6	183.6
212/0	Road Safety Camera – Tess (February 2011) ¹	526.2	526.2
213/0	Road Safety Camera Security System (March 2012) ¹	62.3	62.3
214/0	Road Safety Camera Tirtl System (March 2012) ¹	7.1	7.1
217/8	Two aspect QH/Bicycle 200MM Street Level (February 2014) ¹	39.5	33.5
219/8	Three aspect QH/Bicycle 200MM Street Level (February 2014) ¹	39.5	33.5
220/8	Three aspect QH/Bus 200MM Street Level (February 2014) ¹	39.5	33.5
233/0	ATC Controller (February 2014) ¹	69.4	69.4
234/0	ATC ATSC4 P4 Controller – 4 Group (September 2016) ¹	52	52
235/0	ATC ATSC4 P4 Controller – 16 Group (September 2016) ¹	68	68
237/8	Single aspect LED/Other Graphics/ 200MM Street Level (February 2014) ¹	3.3	2.1
237/10	Single aspect LED/Other Graphics/ 300MM Street Level (February 2014) ¹	3.9	2.4
237/11	Single aspect LED/Other Graphics/ 200MM Mast Arm (February 2014) ¹	3.3	2.1
238/8	Two aspect LED/Other Graphics/ 200MM Street Level (February 2014) ¹	6.1	3.9
238/9	Two aspect LED/Other Graphics/ 300MM Mast Arm (February 2014) ¹	7.1	4.4
238/10	Two aspect LED/Other Graphics/ 300MM Street Level (February 2014) ¹	7.1	4.4
238/11	Two aspect LED/Other Graphics/ 200MM Mast Arm (February 2014) ¹	6.1	3.9
239/8	Three aspect LED/Other Graphics/ 200MM Street Level (February 2014) ¹	6.2	4.0
239/9	Three aspect LED/Other Graphics/ 300MM Mast Arm (February 2014) ¹	7.0	4.4
239/10	Three aspect LED/Other Graphics/ 300MM Street Level (February 2014) ¹	7.0	4.4
239/11	Three aspect LED/Other Graphics/ 200MM Mast Arm (February 2014) ¹	6.2	4.0
252/0	Alpha UPS (February 2014) ¹	81.9	81.9
256/0	Eclipse EB2 (SML) Controller (February 2014) ¹	41.5	41.5
257/0	School Zone Flashing Signs (February 2014) ¹	1.5	1.5
259/0	CBD Evac. System Wireless Announcement Unit (September 2016) ¹	32.5	32.5
260/0	CBD Evac. System Fixed Message Sign Single Line (September 2016) ¹	28.2	28.2
267/0	Nortech IR200 Motorway Detection System (January 2018) ¹	17.3	17.3

ID	Unmetered Device	Full Load (W)	Dimmed Load (W)
280/0	TorTech 3kVA Isolation Transformer (April 2018) ¹	144	144
290/0	Tri-Vision Changeable Message Sign Octobet 2019) ¹	21.3	21.3
290/1	1200 x 1200 Changeable Message Sign (October 2020) ¹	351.2	155.7
300/0	Cisco CCTV Camera (February 2021) ¹	36.6	36.6
300/1	Red Lion CCTV Camera (February 2021) ¹	30.1	30.1
300/2	Siemens CCTV Camera (February 2021) ¹	33.4	33.4

¹ Submitted in NSW – agreed load value for use in all jurisdictions where traffic signals are classified as market loads.

Appendix C. South Australia Traffic Signals Load Table

ID	Unmetered Device	Full Load (W)	Dimmed Load (W)
	Incandescent	63.00	44.10
	Incandescent	77.00	53.90
	Incandescent	94.00	65.80
	Quartz Halogen	40.50	40.50
	Quartz Halogen	57.00	57.00
	Transport SA	7.00	4.90
	Transport SA	7.60	5.32
	Transport SA	8.20	5.74
	Transport SA	8.40	5.88
	Transport SA	8.80	6.16
	Transport SA	9.60	6.72
	Transport SA	11.50	8.05
	Transport SA	13.60	9.52
	Transport SA	14.70	10.29
	Transport SA	17.00	11.90
	Transport SA	23.30	16.31
	Krypton	26.00	18.20
	Krypton	36.00	25.20
	Krypton	52.00	36.40
	CCTV	26.00	26.00
	Red Light Camera	48.00	48.00
	Electric Signs	50.00	50.00
	Electric Signs	160.00	160.00
	Controllers GEC104	60.00	60.00
	PLC	10.00	10.00
	PSC C	58.00	58.00
	PSC A	34.00	34.00
	Koala Crossing	5.00	5.00
25_1	Single Aspect Aldridge LED Disc 200mm (27 March 2025) ²	6.80	4.76
25_2	Two Aspect Aldridge LED Disc 200mm (27 March 2025) ²	6.80	4.76
25_3	Three Aspect Aldridge LED Disc 200mm (27 March 2025) ²	6.80	4.76
25_4	Three Aspect Aldridge LED Disc 300mm (27 March 2025) ²	30.33	21.23
25_5	Single Aspect Aldridge LED Arrow 200mm (27 March 2025) ²	5.67	3.97
25_6	Two Aspect Aldridge LED Arrow 200mm (27 March 2025) ²	5.67	3.97
25_7	Three Aspect Aldridge LED Arrow 200mm (27 March 2025) ²	5.67	3.97
25_8	Single Aspect Aldridge LED Bike/Bus/Tram 200mm (27 March 2025) ²	5.65	3.96
25_9	Two Aspect Aldridge LED Bike/Bus/Tram 200mm (27 March 2025) ²	5.65	3.96

ID	Unmetered Device	Full Load (W)	Dimmed Load (W)
25_10	Three Aspect Aldridge LED Bike/Bus/Tram 200mm (27 March 2025) ²	5.65	3.96
25_11	Single Aspect Aldridge LED Pedestrian/PCT 200mm (27 March 2025) ²	13.00	9.10
25_12	Two Aspect Aldridge LED Pedestrian/PCT 200mm (27 March 2025) ²	13.00	9.10
25_13	Single Aspect Aldridge LED/Opt NRT 450mm (27 March 2025) ²	13.00	9.10
25_14	Traffic controller Aldridge (27 March 2025) ²	60.00	60.00
25_15	Traffic controller Philips (27 March 2025) ²	58.00	58.00
25_16	Traffic controller Tyco (27 March 2025) ²	41.50	41.50
25_17	Tactile Pushbutton (27 March 2025) ²	8.00	8.00
25_18	Two Aspect Braum LED Disc 200mm (27 March 2025) ²	8.57	6.00
25_19	Three Aspect Braum LED Disc 200mm (27 March 2025) ²	8.57	6.00
25_20	Three Aspect Braum LED Arrow 200mm (27 March 2025) ²	7.13	4.99
25_21	Single Aspect Braum LED Bike/Ped/Tram 200mm (27 March 2025) ²	5.65	3.96
25_22	Two Aspect Braum LED Bike/Ped/Tram 200mm (27 March 2025) ²	5.65	3.96
25_23	Three Aspect Braum LED Bike/Ped/Tram 200mm (27 March 2025) ²	5.65	3.96
	Communications		
	Linking Control Module PSTN (September 2014) ²	2.70	2.70
	Linking Control Module 3G (September 2014) ²	3.30	3.30
	Linking Control Module EW (September 2014) ²	2.90	2.90
	Bluetooth SD 1000 (September 2014) ²	0.30	0.30
	Safe T Camera	170.00	170.00
	T.A.D Transformers 6kVA Isolation Transformer (December 2020) ²	253.00	253.00
	MicroConnect RE LCM SCATS modem with BT and 4G (including PS-01, Logic 01, TSC-01, BT-01 and 4G-01 cards) (15 June 2023)	6.30	6.30
	MicroConnect RE LCM Base module (PS-01 and Logic01) (15 June 2023) ²	3.10	3.10
	MicroConnect RE LCM TSC-01 card (15 June 2023) ²	0.40	0.40
	MicroConnect RE LCM BT-01 card (15 June 2023) ²	0.80	0.80
	MicroConnect RE LCM ETH4-01 card (15 June 2023) ²	1.30	1.30
	MicroConnect RE LCM SFP2 card (15 June 2023) ²	1.90	1.90
	MicroConnect RE LCM SPAT card (15 June 2023) ²	2.60	2.60
	MicroConnect RE LCM EDA card (15 June 2023) ²	2.60	2.60
	MicroConnect RE LCM XDSL-01 card (15 June 2023) ²	2.90	2.90
	MicroConnect RE LCM RE-HL card (15 June 2023) ²	1.60	1.60
	MicroConnect RE LCM 4G-01 card (15 June 2023) ²	2.00	2.00
	MicroConnect RE LCM SFP-G card (15 June 2023) ²	0.60	0.60
	MicroConnect RE LCM SFP-G with GIG SFP card (15 June 2023) ²	1.60	1.60
	MicroConnect RE LCM SPF with NBN card (15 June 2023) ²	3.50	3.50
	Radio Flasher Control Unit (14 September 2023) ²	1.00	1.00
	Amber Lantern Set (14 September 2023) ²	10.50	10.50
	SAGE Edge Communications Transceiver (14 September 2023) ²	6.40	6.40
	AGD 318 Traffic Radar Detector (14 September 2023) ²	4.00	4.00

ID	Unmetered Device	Full Load (W)	Dimmed Load (W)
	Single Power Supply Layer 2 Network Switch with Linking Control Module (7 December 2023) ²	39.50	39.50
	Single Power Supply Layer 2 Network Switch with Single PTZ Camera and Linking Control Module (7 December 2023) ²	61.80	61.80
	Single Power Supply PoE Ethernet Switch with Single PTZ Camera (7 December 2023) ²	28.10	28.10
	Dual Power Supply Layer 2 Switch with Single PTZ Camera (7 December 2023) ²	59.40	59.40
	Dual Power Supply Layer 2 Switch with Two PTZ Cameras (7 December 2023) ²	79.30	79.30
	Wireless/NBN Router with DC Power Supply (27 March 2025) ²	11.9	11.9
	Managed Power Rail One PoE Injector One PTZ Camera (27 March 2025) ²	20.1	20.1
	Managed Power Rail Two PoE Injector Two PTZ Cameras (27 March 2025) ²	39.3	39.4

² Submitted in SA – agreed load value for use in all jurisdictions where traffic signals are classified as market loads

Version Release History

Earlier versions are available by contacting the AEMO Support Hub at supporthub@aemo.com.au or call 1300 236 600.

Version	Effective Date	Summary of Changes
1.117	4/2/2021	Transport of NSW CCTV Cameras (3) (NSW) Pecan Lighting LRL NXT-12C LED Luminaire (SA) Aldridge Traffic Systems TST Data Concentrator and iCell Node (Qld)
1.118	25/2/2021	iGuzzini V949.G10 9W LED Luminaire (Qld) Light Source Solutions GE 35W LED Lamp (NSW) Note, users of these lamps must ensure that line voltage is connected directly to the lamp.
1.119	11/3/2021	Sylvania-Schreder Kanon 180W LED Floodlight (SA) Aldridge Traffic Systems Tasman 17W LED Luminaire (Tas)
1.120	27/5/2021	Aldridge Traffic Systems Flud 150W LED Floodlight (Qld) Aldridge Traffic Systems VLED.II.155W LED Luminaire (Tas) Aldridge Traffic Systems PLED.II.13W LED Luminaire (NSW)
1.121	15/7/2021	SCS Schreder Cimcon Streetlighting Controller iSLC-3100-7P-N (Qld) HBW Lighting AEC Italo 1 0F2 STA 3.3-2M 19W LED Luminaire (Qld)
1.122	29/7/2021	Pecan Lighting Promenade 27W LED Bollard (SA) Connect Light Solutions GE 21W LED Lamp (Qld) Note, users of these lamps must ensure that line voltage is connected directly to the lamp.
1.123	19/8/2021	Advanced Lighting Technologies Lunio 35W LED Luminaire with PE Cell (SA) Advanced Lighting Technologies Lunio 35W LED Luminaire without PE Cell (SA)
1.124	9/9/2021	Sylvania-Schreder Sirkel 50W LED Luminaire (NSW) OrangeTek IGNIS 1-36 LED 76W Luminaire (NSW) OrangeTek Emilio 36 LED 71W Luminaire (NSW) Connected Light Solutions ALU 150 LED Floodlight (NSW) Connected Light Solutions ALU 240 LED Floodlight (NSW)
1.125	30/9/2021	Signify Australia Tango BVP382 LED156 120W Floodlight (NSW) Signify Australia Tango BVP382 LED195 150W Floodlight (NSW) Signify Australia Tango BVP384 LED571 435W Floodlight (NSW)
1.126	28/10/2021	Aldridge Traffic Systems Boston 75W LED Luminaire (NSW) Advanced Lighting Technologies Sirius 25W LED Luminaire with PE Cell (SA) Advanced Lighting Technologies Sirius 25W LED Luminaire without PE Cell (SA) Advanced Lighting Technologies Sirius 40W LED Luminaire with PE Cell (SA) Advanced Lighting Technologies Sirius 40W LED Luminaire without PE Cell (SA)
1.127	25/11/2021	Vicpole Pty Ltd Toorak 12 LED 14W LED Luminaire (Vic) Connected Light Solutions GE Evolve Cat V Leopard 122W LED Luminaire (NSW) Connected Light Solutions GE Evolve Cat V Leopard 204W LED Luminaire (NSW) Connected Light Solutions GE Evolve Cat V Leopard 40W LED Luminaire (Qld)
1.128	9/12/2021	Streetworx Ozlite LED13 Luminaire (Vic) WE-EF VLR130 48LED Luminaire (ACT)
1.129	22/12/2021	Sylvania-Schreder Avenue II/Bourke Hill II (4) LED Luminaires (Qld) Signify Australia BRP471 and BRP472 (4) LED Luminaires (NSW) Signify Australia Tango BVP LED (4) Floodlights (NSW)
1.130	20/1/2022	LPE Group Post Top and Promenade LED Luminaires (SA)
1.131	14/4/2022	Sylvania-Schreder Bourke Hill II/Parkville II (5) LED Luminaires (Qld)

Version	Effective Date	Summary of Changes
		Vicpole Pty Ltd Toorak Major (2) LED Luminaires (Vic) Aldridge Traffic Systems PLED 14W Luminaire (SA)
1.132	12/5/2022	Aldridge Traffic Systems VLED II 300W Luminaire (Tas)
1.133	2/6/2022	Signify Australia Tango BVP (3)LED Floodlights (Qld) Aldridge Traffic Systems FLX (3) LED Floodlights (NSW) Connected Light Solutions GE Evolve Cat V Leopard 68W LED Luminaire (Vic) Sylvania-Schreder Avento Evo 2 230W LED Luminaire (NSW)
1.134	16/6/2022	Aldridge Traffic Signals PLED II 30W LED Luminaire (Vic) Empyream Lighting Andromeda C MS 30 LED Luminaire (Qld)
1.135	14/7/2022	Insight Lighting EWO IR2 49W LED Luminaire (SA)
1.136	11/8/2022	Aldridge Traffic Systems Boston Series II VLED 155W LED Luminaire (SA) Aldridge Traffic Systems VLED II 75W and 170W LED Luminaires (Qld)
1.137	18/8/2022	Signify Australia RoadFlair (7) LED Luminaires (Qld)
1.138	8/9/2022	Sylvania-Schreder Kensington Mk2 16W LED Luminaire (NSW) Aldridge Traffic Systems VLED MkII 147W LED Luminaire (Qld)
1.139	6/10/2022	Sylvania-Schreder Kensington Mk2 30W LED Luminaire (NSW)
1.140	17/11/2022	Connected Light Solutions GE Evolve P4P5 Gen 3.1 14W LED Luminaire (NSW) Braums PX21W LED Luminaire (Vic) Aldridge Traffic Systems VLED MkIII 290W FT LED Luminaire (Qld)
1.141	25/1/2023	Signify Australia RoadFlair (6) LED Luminaires (Qld)
1.142	16/2/2023	WE-EF Lighting VFL520 12W LED Luminaire (SA)
1.143	9/3/2023	Signify Australia GreenVision (3) LED Luminaires (Qld) Connected Light Solutions GE 80W LED Lamp (NSW) Note, users of these lamps must ensure that line voltage is connected directly to the lamp.
1.144	30/3/2023	Essential Energy Added 36W Fluorescent Luminaire to NSW Load Table Column (NSW) Signify Australia RoadFlair 225W LED Luminaire(Qld) Sylvania Schreder (3) LED Luminaires (NSW) AldridgeTraffic Systems Boston Series II 60W LED Luminaire (Vic) HBW Lighting Italo 1 OF6 OP-DX 4.7-2M 102W LED Luminaire (SA)
1.145	25/5/2023	iGuzzini ZK79 included with iGuzzini EH77 entry 23 April 2020 Sylvania-Schreder StreetLED 3 11W LED Luminaire (Vic) Connected Light Solutions (2) LED Floodlights (NSW) Sylvania-Schreder Avenue II/Bourke Hill II 24W LED Luminaire (NSW)
1.146	15/6/2023	Aldridge Traffic Systems PLED II 40 LED Luminaire (NSW) SA Dept for Infrastructure and Transport MicroConnect Communications Devices (14) (SA)
1.147	3/8/2023	Aldridge Traffic Systems H LED 600W Luminaire (NSW) HBW Lighting (6) LED Luminaires (SA) Streetworx Ozlite 12 LED Luminaire (Vic)
1.148	14/9/2023	Connected Light Solutions (4) LED Luminaires (Qld) SA Dept for Infrastructure and Transport Flasher Control and Lantern Set (SA) Illuminating Power Technologies IPT QR 125W Led Luminaire (SA) SA Dept for Infrastructure and Transport Transceiver and Radar Detector (SA)
1.149	26/10/2023	Sylvania-Schreder Avento (4) LED Luminaires (NSW)
1.150	7/12/2023	Light and Design Group EWO (4) LED Luminaires (Qld) Thorlux Lighting Brisa (2) LED Luminaires (ACT) SA Dept for Infrastructure and Transport Traffic Signal Extension Housing Equipment (SA)
1.151	21/12/2023	Sylvania-Schreder Parkville Mk2 (2)LED Luminaires (Vic)

Version	Effective Date	Summary of Changes
1.152	28/3/2024	Pecan Lighting DarkLicht DL-60W Led Luminaire (SA) WE-EF Lighting AFL 130 48W 72W 96W LED Luminaires (ACT) Sylvania-Schreder IZYLUM EVO (10) LED Luminaires (SA)
1.153	18/4/2024	Sylvania-Schreder Avento (3) LED Luminaires
1.154	30/5/2024	Sylvania-Schreder Sylflood (3) Floodlights
1.155	18/7/2024	Sylvania-Schreder Macquarie Sphere 45W LED Luminaire (NSW)
1.156	15/8/2024	Aldridge Traffic Systems Boston II 30W LED Luminaire (Vic)
1.157	5/9/2024	HBW Lighting iTron (6) LED Luminaires (Qld) Versalux Lighting Systems Verso 16 LED 26W Luminaire (SA) Sylvania-Schreder (4) LED Luminaires (Vic)
1.158	3/10/2024	CU Phosco FL820AU-1 LED (2) Floodlights (NSW)
1.159	19/12/2024	HBW Lighting iTron (3) LED Luminaires (Qld)
1.160	9/1/2025	Sylvania Schreder Avento 76W LED Luminaire (Qld) Connected Light Solutions (3) Envirolux LED Lamps (ACT) Connected Light Solutions GE 30W LED Lamp (ACT)
1.161	27/3/2025	<ul style="list-style-type: none"> Restructure Appendix C SA Traffic Signals Load Table (SA) Delete Adelaide City Council LED devices and AAC controller (SA) Add new LED lanterns, controllers and tactile push button (SA) Include Dimmed Load values for devices (SA) SA DIT Signal Extension Housing Equipment (3) (SA)
1.162	17/4/2025	Correct Sylvania-Schreder Avento 1 149W to 148.3W (was 149.3W 26 October 2023) Sylvania-Schreder Roughguard (5) LED Luminaires 17 April 2025 (SA)