

Appendix B6

Auckland Transport

Roadway Lighting Luminaire Label Reference Chart - AT-LLRC

NOTE:

1. All LED Roadway luminaires shall be labelled as detailed in the TDM.
2. Refer to the AT TDM for the label size, font and format.
3. The label coding is as follows;

AA|B|C
DD|EEE

LEGEND:

AA	Manufacturer	(alphanumeric – up to 1296 options)
B	Model	(alphanumeric – up to 36 options)
C	Optic	(alphanumeric – up to 36 options)
DD	Year	(numeric – 00 to 99)
EEE	Wattage	(numeric – 1 to 999)

4. The manufacturer, model and optic codes shall be as determined by Auckland Transport, in accordance with this chart.
5. The year and wattage codes shall be determined by the supplier, in accordance with the logic above.
6. If additional codes are required, provide details to Auckland Transport and request codes.

Manufacturer		Supplier	Luminaire Model		Optic	
Code (AA)	Name		Code (B)	Name	Code (C)	Name
AA	AEC	Techlight	A	A2 LED	A	STL-VP
			B	LED-in (Phased out 2019)	A	OC
					B	ST
			C	Italo 1	A	7SS
					B	ASC-4W
					C	ASC-5W
					D	ASC-6W
					E	ASC-7W
					F	ASP-4W
					G	ASP-5W
					H	ASP-6W
					I	ASP-7W
					J	OP-DX
					K	OP-SX
					L	S05
					M	SSP-7A1
					N	STA
					O	STA1
					P	STE-M
					Q	STE-S
					R	STU-M
					S	STU-S
					T	STW
					U	ST
					V	STAN0
					W	STAN1
					X	SV
					Y	OPA-DX
					Z	OPA-SX
					1	SV2
			D	Italo 2	A	OP-DX
					B	OP-SX
					C	S05
					D	SL
					E	STA
					F	STA1
					G	STE-M
					H	STE-S
					I	STU-M
					J	STU-S
					K	STW
					L	SV
					M	TS
					N	STAN0

Appendix B6
Auckland Transport
Roadway Lighting Luminaire Label Reference Chart - AT-LLRC

Manufacturer		Supplier	Luminaire Model		Optic	
Code (AA)	Name		Code (B)	Name	Code (C)	Name
					O	STAN1
					P	OPA-DX
					Q	OPA-SX
					R	SV2
			E	Italo 3	A	S05
					B	STA
					C	STA1
					D	STE-M
					E	STE-S
					F	STU-M
					G	STU-S
					H	STW
					I	SV
					J	STAN0
					K	STAN1
					L	SV2
			F	I-TRON ZERO	A	STA
					B	STU-W
					C	HPO07 [2xSTA+1xSTU-W]
					D	HPO10 [2xSTA+1xSTU-M]
					E	STA1
					F	S03
					G	STU-M
					H	STU-S
			G	I-TRON 1	A	STU-M
					B	STU-S
					C	STU-W
					D	HPO09 [2xSTA1+2xSTU-M]
					E	STA
					F	STA1
			H	MOD 2.0 PRO	A	STU-S
					B	STU-M
					C	SV
					D	S05
					E	STE-S
					F	STE-M
					G	STW
			I	MOD 2.0 URBAN	A	STU-S
					B	STU-M
					C	SV
					D	S05
					E	STE-S
					F	STE-M
					G	STW
					H	STA
					I	STA1
					J	OP-DX
					K	OP-SX
			J	COMPASS 1	A	S
					B	S03
					C	STA
					D	STA1
					E	STU-M
					F	STU-S
					G	STU-W
					H	TS-03
					I	TS-M
					J	TS-S
					K	TS-W
			K	COMPASS 2	A	S
					B	S03
					C	STA
					D	STA1
					E	STU-M
					F	STU-S
					G	STU-W
					H	TS-03
					I	TS-M
					J	TS-S
					K	TS-W

Appendix B6
Auckland Transport
Roadway Lighting Luminaire Label Reference Chart - AT-LLRC

Manufacturer		Supplier	Luminaire Model		Optic						
Code (AA)	Name		Code (B)	Name	Code (C)	Name					
AB	Betacom	Betacom	A	GL520	A	7012					
					B	7022					
					C	7032					
					D	7052					
AC	CREE	ADLT	A	LEDway XIL 'E' (phased out 2018)	A	T (Type I Short)					
					B	F (Type II Short)					
					C	K (Type II Short with backlight shield)					
					D	P (Type II Short with Partial backlight shield)					
					E	2 (Type II Medium)					
					F	G (Type II Medium with backlight shield)					
					G	L (Type II Medium with Partial backlight shield)					
					H	3 (Type III Medium)					
					I	H (Type III Medium with backlight shield)					
					J	M (Type III Medium with Partial backlight shield)					
					K	4 (Type IV Medium)					
					L	J (Type IV with backlight shield)					
					M	8 (Type IV with Partial backlight shield)					
					N	R (Type V Short)					
					O	5 (Type V Medium)					
					P	2SH (Type II Short)					
Q	275 (Type II Short 0.75)										
R	210 (Type II Short 1.0)										
S	2LG (Type II Long)										
T	3SH (Type III Short)										
U	3ME (Type III Medium)										
V	4ME (Type IV Medium)										
B			B	Edge Round Series E (phased out 2018)	A	F (Type II Short)					
					B	K (Type II Short with backlight shield)					
					C	P (Type II Short with Partial backlight shield)					
					D	2 (Type II Medium)					
					E	G (Type II Medium with backlight shield)					
					F	L (Type II Medium with Partial backlight shield)					
					G	3 (Type III Medium)					
					H	H (Type III Medium with backlight shield)					
					I	M (Type III Medium with Partial backlight shield)					
					J	4 (Type IV Medium)					
					K	J (Type IV Medium with backlight shield)					
					L	8 (Type IV Medium with Partial backlight shield)					
					M	R (Type V Short)					
					N	5 (Type V Medium)					
					C			C	Edge Square Series E (phased out 2018)	A	F (Type II Short)
										B	K (Type II Short with backlight shield)
C	P (Type II Short with Partial backlight shield)										
D	2 (Type II Medium)										
E	G (Type II Medium with backlight shield)										

Appendix B6
Auckland Transport
Roadway Lighting Luminaire Label Reference Chart - AT-LLRC

Manufacturer Code (AA)	Manufacturer Name	Supplier	Code (B)	Luminaire Model Name	Code (C)	Optic Name
					F	L (Type II Medium with Partial backlight shield)
					G	3 (Type III Medium)
					H	H (Type III Medium with backlight shield)
					I	M (Type III Medium with Partial backlight shield)
					J	4 (Type IV Medium)
					K	J (Type IV Medium with backlight shield)
					L	8 (Type IV Medium with Partial backlight shield)
					M	R (Type V Short)
					N	5 (Type V Medium)
			D	XSP1 Version C	A	3ME (Type III Medium)
			E	XSP2 Version C	A	275 (Type II Short 0.75)
					B	2SH (Type II Short)
			F	XSP1 HO Series D IPD H	A	3ME (Type III Medium)
			G	XSP2 HO Series D IPD I	A	2SH (Type II Short)
					B	275 (Type II Short 0.75)
					C	2LG (Type II Long)
AD	DLEDS	Globelink	A	Stratos N	A	W23A
AE	NVC (prev: 'ETI')	NVC	A	Tasman-S	A	01
					B	02
					C	03
					D	04
					E	05
					F	06
			B	Tasman-L	A	01
					B	02
					C	03
					D	04
					E	05
					F	06
			C	Tasman-SO	A	01
					B	02
					C	03
					D	04
					E	05
					F	06
					G	07
					H	08
					I	09
					J	10
					K	11
					L	12
					M	13
					N	14
					O	15
					P	16
			D	Tasman-LO	A	01
					B	02
					C	03
					D	04
					E	05
					F	06
					G	07
					H	08
					I	09
					J	10
					K	11
					L	12
					M	13
					N	14

Appendix B6
Auckland Transport
Roadway Lighting Luminaire Label Reference Chart - AT-LLRC

Manufacturer Code (AA)	Manufacturer Name	Supplier	Luminaire Model Code (B)	Luminaire Model Name	Code (C)	Optic Name
					O	15
					P	16
AF	iGuzzini	ECC	A	Wow Mini (620x307)	A	A45
					B	A60
					C	ST0.8C
					D	ST1
					E	ST1.2
					F	ST1C
			B	Wow Small (758x415)	A	A45
					B	A60
					C	ST0.8C
					D	ST1
					E	ST1.2
					F	ST1C
			C	Wow Large (807x505)	A	A45
					B	A45C
					C	A60
					D	ST1
					E	ST1.2
					F	ST1C
			D	Woody Street LED	A	ST1
					B	ST1.2
AG	Kim	Spectratech	A	Warp 9 LED	A	Type I
					B	Type II
					C	Type III
					D	Type III NFO
					E	Type IV
					F	Type IV NFO
					G	Type V
					H	Type L (Left)
					I	Type R (Right)
AH	KTL	KTL	A	Shard	A	LL 17056
AI	LRL	Energy Light	A	NXT-C	A	4AH
			B	NXT-S	A	2LB
					B	2HB
					C	2ES
					D	2EM
					E	3LB
					F	3HB
					G	4AH
					H	5RM
					I	5SM
			C	NXT-M	A	2LB
					B	2HB
					C	2ES
					D	2EM
					E	3LB
					F	3HB
					G	4AH
					H	5RM
					I	5SM
AJ	LeTehnika	ECO Light	A	Luxtella (S12XPL-20AT)	A	C (Type II / III)
					B	G (Type III)
					C	L (Type IV)
					D	N (Type II)
AK	ZGSM	NB SmartCities	A	CRUX PLUS	A	L7
					B	L9
AL	OrangeTek	OrangeTek	A	Terraed Mini (CREE XPG2 LED)	A	MX1
					B	WX1
			B	Terraed Mini (CREE XPG3 LED)	A	MX1
					B	WX1
			C	Terraed Mini (Nichia LED)	A	AP1

Appendix B6
Auckland Transport
Roadway Lighting Luminaire Label Reference Chart - AT-LLRC

Manufacturer		Supplier	Luminaire Model		Optic	
Code (AA)	Name		Code (B)	Name	Code (C)	Name
			D	TerraLED Mini (PMMA Lens + Osram LED)	A	AP2
			E	ARIALED (phased out 2019)	A	NV4
					B	NX3
					C	NX4
			F	IGNIS 1	A	NV1
					B	AV12
					C	NSW1
					D	NSW12
					E	AV1
					F	AV2
					G	Z1L
					H	Z1R
					I	AV5
			G	IGNIS 2	A	AV3
					B	AV1
					C	AV2
					D	AV12
					E	NSW1
					F	NSW12
					G	PMPE
			H	IGNIS 1 3000K	A	NV1
					B	AV12
					C	NSW1
					D	NSW12
					E	AV1
					F	AV2
					G	Z1L
					H	Z1R
			I	TerraLED Mini 3000K (Osram LED)	A	AP2
AM	Panhost	Transleder	A	TransLEDer - Version 1 (No visor, Cree XPG2)	A	01 (prev: '2m-8-18')
					B	02 (prev: '3m-8-18')
					C	03 (prev: 'V4-3-TA')
					D	04 (prev: 'V3-3-TA')
			B	TransLEDer - Version 2 (PMMA visor, Cree XPL) {prev: 'Transleder-Vi'}	A	05 (prev: 'V4-1-AT')
					B	06 (prev: 'V-U-AT')
			C	TransLEDer - Version 3 (Glass visor, Cree XPG3) {prev: 'Transleder-ViG'}	A	07 (prev: 'V4-1-AT-G')
					B	08 (prev: 'V-U-AT-G')
					C	09 (prev: 'V-ARR1-AT')
					D	10 (prev: 'V-ARR2-AT')
					E	11 (prev: 'V-ARR3-AT')
			D	TransLEDer - Version 4 (PMMA visor, Cree XPG3)	A	16
					B	21
AN	Signify (prev: 'Philips')	IBEX	A	Luma 1	A	R5
		Signify (prev: 'Philips')	B	Roadgrace BRP 711	A	DWP
					B	DWP3
			C	Roadgrace BRP 712	A	DW1
		IBEX	D	Stela+Gen 2	A	NRN

Appendix B6
Auckland Transport
Roadway Lighting Luminaire Label Reference Chart - AT-LLRC

Manufacturer Code (AA)	Manufacturer Name	Supplier	Code (B)	Luminaire Model Name	Code (C)	Optic Name
		Signify (prev: 'Philips')	E	Roadcharm BRP 471	A	DWH
			F	Roadcharm BRP 472	A B	DWH DW2
AO	Schreder	Betacom	A	Teceo 1 (Cree XP-G2 version)	A B C	5068 5144 (PED.XING) 5145 (PED.XING)
			B	Teceo 1 (Cree XP-L version)	A B C	5118 5163 5164
			C	Teceo 2 (Cree XP-G2 version)	A B C	5102 5103 5118
			D	Teceo 1 (Cree XP-G3 version)	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	5068 5096 5098 5102 5103 5112 5117 5118 5119 5120 5121 5136 5137 5138 5139 5140 5141 5144 (ped left) 5145 (ped right) 5239 5244 5245 5246 5247 5249 5250
			E	Teceo 2 (Cree XP-G3 version)	A B C D E F G H I J K L M N O P Q R S T U V W X	5068 5096 5098 5102 5103 5112 5117 5118 5119 5120 5121 5136 5137 5138 5139 5140 5141 5239 5244 5245 5246 5247 5249 5250
AP	Simon	Lumenworks	A	Nath-S	A	80-155°

Appendix B6
Auckland Transport
Roadway Lighting Luminaire Label Reference Chart - AT-LLRC

Manufacturer Code (AA)	Manufacturer Name	Supplier	Luminaire Model Code (B)	Luminaire Model Name	Code (C)	Optic Name
AQ	Sylvania	Aesthetics	A	StreetLED (Aeroscreen, MC1 adapter)	A	(Single optic - P Cat.)
			B	StreetLED (Aeroscreen, MC2 adapter)	A	(Single optic - P Cat.)
AR	Vizulo	IBEX	A	Mini Martin	A	(Single optic - P Cat. - Models 2500 to 3300)
					B	20
					C	25
			B	Mini Stork	A	(Single optic - P Cat. - Models 2500 to 3300)
					B	10
					C	20
					D	25
					E	21
			C	Mini Stork_3000K	A	(Single optic - P Cat. - Models 2500 to 3300)
					B	10
					C	20
					D	25
					E	21
AS	Vulkan	O-Light	A	V3630-0.1Cu	A	O1
					B	O2
					C	O3
					D	O4
					E	O5
					F	O6
					G	O7
AT	We-ef	MHL	A	VFL 530	A	A60
					B	P65
					C	R65
					D	S60
					E	S65
					F	S70
			B	VFL540 (Cree XP-L version)	A	A60
					B	P65
					C	R65
					D	S60
					E	S65
					F	S70
					E	P45L
					F	P45R
AU	GLG	Aesthetics	A	SastaLED 1	A	P3
					B	P4
					C	O1
					D	O2
			B	SastaLED 2	A	(Single optic - V Cat.)
					B	O3
AV	CU Phosco	3E Energy	A	P863	A	P1
					B	P2
					C	P3
					D	P4
					E	R1
					F	R2
					G	R3
					H	A1
					I	C1
					J	C2
					K	F1
					L	F2
					M	X1
					N	X2
			B	P862	A	P1
					B	P2
					C	P3
					D	P4
					E	R1
					F	R2

Appendix B6
Auckland Transport
Roadway Lighting Luminaire Label Reference Chart - AT-LLRC

Manufacturer Code (AA)	Manufacturer Name	Supplier	Code (B)	Luminaire Model Name	Code (C)	Optic Name
					G	R3
					H	A1
					I	C1
					J	C2
					K	F1
					L	F2
					M	X1
					N	X2
			C	P861	A	A1
					B	C1
					C	C2
					D	F2B
					E	H1
					F	H2
					G	H3
					H	R1
					I	R2
					J	H4
					K	H5
					L	H6
					M	R3
					N	P4
			D	P860	A	A1
					B	C1
					C	C2
					D	F2B
					E	H1
					F	H2
					G	H3
					H	R1
					I	R2
					J	H4
					K	H5
					L	H6
					M	R3
					N	P4
			E	P852K	A	C1
					B	F2
					C	F3
					D	R1
					E	R2B
					F	R3B
					G	P4
AW	Neri	Targetti	A	Antares - Model 1 (MNAN1L)	A	17
					B	18
					C	20
					D	21
					E	22
					F	23
AX	DW Windsor	Modular & Partners	A	Kirium Pro 2	A	A1
					B	A3
					C	A5
					D	B1
					E	C1
					F	C2
AY	NB SmartCities	NB SmartCities	A	RAZO-M	A	L7
					B	L9S
			B	RAZO-S	A	L9
			c	GYRO	A	L7
					B	L9

Auckland Transport

Roadway Lighting Luminaire Label Reference Chart - AT-LLRC

Revision Table		
Version	Date	Changes
1	17/02/18	Original
2	07/08/18	(AL) Lextar changed to OrangeTek; (AU) SastaLED added; General: Minor amendments.
3	09/08/19	(AA) ITALO 1, 2, 3 & I-TRON ZERO & 1 - optics added; (AE) Tasman - optics added; (AL) TerraLED & IGNIS - 3000K added, IGNIS - optics added; (AM) TransLEDer - model naming adjusted; (AU) SastaLED - optic naming adjusted. Gerard now GLG; (AV) Phosco P863, 2, 1 & 0 - added.
4	18/09/19	(AR) Stork - optic added. 3000K version added
5	17/12/19	RFT 19-20 luminaires added: AE, AL, AM
6	14/01/20	(AA) AEC - MOD 2 PRO & URBAN added; (AE) ETI - name changed to NVC; (AM) Transleder - version naming clarified; (AN) Philips - name changed to Signify. Roadcharm added; (AO) Schreder - Teceo 1 & 2 - XPG3 versions added; (AW) Neri - Antares added; (AX) DW Windsor - Kirium Pro 2 added; (AY) NBSC - RAZO-M added.
7	18/05/20	(AA) AEC - COMPASS 1 & 2 added. Optics added to Italo 1, 2, 3, I-TRON ZERO & I-TRON 1 (AY) NBSC - RAZO-S & GYRO added
8	06/08/20	(AN) Roadcharm - optic added