








## ACCEPTABLE LED LUMINAIRES FOR USE ON THE ROAD LIGHTING NETWORK


28 May 2013

Indicative Luminaire Image	Manufacturer and Luminaire	Luminaire Model	System Wattage	Number of LED's	Colour Temperature	Driver Current Range
	Philips ROADSTAR	GPLS GPLM	45W - 102W 119W - 204W	30 - 49 79 - 98	4000k	285mA – 600mA 428mA – 600mA
	Led Roadway Lighting SATELLITE	24S 48S 72M 96M	22W - 50W 43W - 100W 65W - 150W 86W - 200W	24 48 72 96	4500k	280mA – 600mA
	OrangeTek TERRALED	24 - 180	25W - 184W	24 - 180	4800K	300mA
	Cree LEDWAY	XILO 02 XILO 04 XILO 07 XILO 10	25W - 72W 45W - 135W 80W - 200W 117W - 272W	20 – 30 40 – 60 70 – 90 100 - 120	4300K	250mA – 700mA
	AEC LEDIN (ST / OC)	4.5-18 – 4.5-90 4.7-27 – 4.7-54	28W - 145W 60W - 118W	18 – 90 27 - 54	3950K	500mA – 525mA 700mA

- Notes: 1. Light Emitting Diode (LED) luminaires listed above, have been assessed by Christchurch City Council and are accepted for use on the Council's road lighting network. A detailed design is required to determine the best suited luminaire for the application.
2. All LED drivers shall be dimmable. Acceptable dimming options are 0-10V or DALI protocols.
3. Maintenance Factors (MF) for all Luminaires shall be calculated from data supplied via a certified Test Laboratory and in conjunction with AS/NZS1158.

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	Schreder TECEO	TECEO 1 TECEO 2	19W - 113W 63W - 313W	16 – 48 56 - 144	4100K	350mA – 700mA
	Schreder PIANO	PIANO 1 PIANO 2	21W – 63W 84W – 128W	16 – 48 64 - 96	4250K	350mA

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