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LGOIMA

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Information requested by the media, lobby groups, public sector organisations and MPs will always be published, while information specific to an individual or their property will not generally be published.

Request from:	Ellen Cieraad – NMIT	
Information requested:	LED Streetlight information	
Response by:	Lesley Crichton, Acting Chief Executive	

10 February 2023

Ellen Cieraad Te Pukenga – NMIT 322 Hardy Street Nelson

Via Email: ellen.cieraad@nmit.ac.nz

Dear Ellen

Official information request for LED streetlight in the Westland District

I refer to your official information request dated 24 January 2023 for LED streetlighting information in the Westland District

You have asked for the following information:

1. Has your territorial authority taken part in the NLTF funding scheme for the accelerated roll-out of LED road lighting?

No.

2.

a. How many fixtures are currently in place and owned by your territorial authority? (If it is known how many are owned by NZTA Waka Kotahi within your territorial authority please also separately provide this information?)

637 Lights.

b. How many of these fixtures (answer 2a) are LED?

253.

c. Of these LED fixtures, what was the year of installation? (Please provide number of fixtures installed in each calendar year)

2010	3
2014	21
2015	4
2016	1
2019	3
2020	71
2021	69
2022	81

d. How many of these (a) are not yet LED and are currently scheduled to be retrofitted/replaced with LED in the future, and in which calendar year?

There is no scheduled planning; LED conversions are carried out when lights fail and are replaced.

e. How many of these (a) are not yet LED and are not currently scheduled for retrofitting/replacement with LED?

384.

f. How many additional fixtures are currently scheduled to be installed in your territorial authority (in addition to the current streetlights referred to in answer 2a, e.g. in new subdivisions), in which calendar year, and how many of these will be LED fixtures?

There is no schedule planned.

3. How many TA owned fixtures of which CCT colour temperature are installed, specifically:

a. What is the CCT colour temperature (e.g 3000K or 4000K) of the TA owned LED fixtures currently installed (referring to answer 2b)?

253 of 4000K.

b. What will be the CCT colour temperature of any future retrofitted TA owned LED fixtures (referring to answer 2d)?

Likely 4000K.

c. What will be the CCT colour temperature of any additional future TA owned LED fixtures (referring to answer 2f)?

Likely 4000K

For questions 2a-c, if different colour temperatures are (to be) installed, please provide a breakdown of how many at which temperature (e.g. 20 fixtures at 3000K, 123 at 4000K). If colour temperature is determined by road categories, please provide details on the CCT by road type, and the number of street lights per road type.

Not applicable.

4. How many of the current TA owned LED fixtures (answer 1b):

a) have central management system (CMS) technology?

None.

b) have wireless CMS technology?

None.

c) are being controlled using CMS beyond time-based on/off controls? (If any, please see question 4f)

None.

d) are control-enabled? (i.e. they are not currently controllable using CMS, but with an additional receptable will be)

Unknown.

e) are not able to be retrofitted with CMS?

Unknown.

f) only for those being controlled by CMS currently (answer 4c), please specify the control settings and curfew timings (e.g. dimming to 50% intensity between 11pm and 6am; dimming to 50% intensity with motion-sensed brightening to 75% between 12am and 5am). For question 4f), if control settings are determined by road categories, please provide details on the settings by road type, and the number of street lights per road type.

Not applicable.

5. How many of the future (retrofitted and additional) TA owned LED fixtures (answer 2d and 2f together):

a) will have central management system (CMS) technology?

Unknow.

b) will have wireless CMS technology?

Unknown.

c) will be controlled using CMS beyond time-based on/off controls? If any known controls, please specify (as per question 4f).

Unknown.

There is no charge in supplying this information to you.

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If you wish to discuss this decision with us, please feel free to contact Mary-anne Bell, Senior Administration Officer at <u>LGOIMA@westlanddc.govt.nz</u>, 03 756 9091.

Sincerely,

Lesley Cneliter

Lesley Crichton | Acting Chief Executive

SB/MB