



21 March 2025

Harry

s7(2)(a)

Dear Harry

**Request for Information – Local Government Official Information and Meetings Act (LGOIMA) 1987**

We refer to your official information request dated 21 February 2025:

1. *Why is HCC installing new LED luminaries around particularly Eastbourne that had already been converted to LED 5 years ago?*
2. *What are the specs of the new lights, are they 3000k?*
3. *What is the CMS system they are rolling out?*
4. *What does HCC intend to use it for?*

**Answer:**

1. **Targeted Upgrades:** The current LED luminaire installations are focused on specific areas, notably Marine Drive and Marine Parade North.  
**Enhanced Lighting Control:** In select locations, existing luminaires are being replaced to improve control over light distribution, thereby reducing the need for external shields and minimising light spill.  
**Resource Optimisation:** Luminaires that are removed during this process are returned to stock for use in other parts of the network when they are needed.
2. **Standardisation Efforts:** Hutt City Council is collaborating with Felicity Lighting to standardise luminaire models across the network. This approach aims to streamline maintenance processes and reduce associated costs.

**Colour Temperature Compliance:** The new luminaires installed along Marine Drive and Marine Parade North have a colour temperature of 3000K. This specification aligns with the resource consent requirements for the shared pathway in these areas.

3. **System Overview:** Council is implementing a Central Management System utilising Felicity's OpenSky NEMA IoT technology. This system enables advanced monitoring and management of the street lighting infrastructure.

4. **Proactive Maintenance:** The CMS facilitates fault monitoring. Council gets a report if there has been no electricity for more than 24 hours (network fault) and also if there is a fault with the fitting. This allows Council to detect and address lighting faults often before they are reported by residents.

**Efficient Fault Detection:** By continuously analysing the network, the system can identify issues promptly, enhancing overall reliability.

**Remote Monitoring:** The CMS enables remote verification of repairs and maintenance activities, reducing the need for physical inspections by staff or contractors.

**Adaptive Lighting Profiles:** The system allows for the customisation of lighting levels based on specific area requirements, such as:

- **Arterial Routes vs. Residential Areas:** Adjusting brightness to suit the nature of the area, ensuring safety while minimising light intrusion in residential zones.
- **Traffic-Responsive Lighting:** Utilising traffic data to modulate lighting levels according to real-time road usage, optimising energy consumption.
- **Minimising Residential Disturbance:** Implementing lighting schedules that reduce intensity during late hours to prevent disruption to residents.

You have the right to seek an investigation and review by the Ombudsman of this decision. Information about how to make a complaint is available at [www.ombudsman.parliament.nz](http://www.ombudsman.parliament.nz) or freephone 0800 802 602.

Please note that this response to your information request may be published on Hutt City Council's website. Please refer to the following link: [www.huttcity.govt.nz/council/contactus/make-an-official-information-act-request/proactive-releases](http://www.huttcity.govt.nz/council/contactus/make-an-official-information-act-request/proactive-releases)

Yours sincerely

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