

ROAD, STREET AND PUBLIC PLACE LIGHTING PROCEDURE

1 **Scope:**

This procedure applies to all road, street and public place lighting located in roads, streets and public places under the jurisdiction of Rockhampton Regional Council and within the Rockhampton Regional Council area.

2 **Purpose:**

To provide guidance and instruction on the standard of road, street and public place lighting to be provided and lighting placement and the process to be considered in determining the provision of new lights.

3 **Related Documents:**

Primary

Road, Street and Public Place Lighting Policy

Secondary

Local Government Act 2009

Australian/New Zealand Standard AS/NZS 1158 Set: 2010 Lighting for Roads and Public Spaces

Capricorn Municipal Development Guidelines

Register of Requests for Public Lighting

Road, Street and Public Lighting Prioritisation Guideline

Road, Street and Public Place Lighting Provisional Standards

4 **Definitions:**

To assist in interpretation, the following definitions apply:

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| Council | Rockhampton Regional Council |
| Existing Streetlight | A streetlight that has been in place for a period of six months prior to the date of a complaint. |
| LATM | Local Area Traffic Management |
| Major Traffic Route | Roads that have been designated as urban arterial or urban sub-arterial roads within Council's adopted road hierarchy where traffic volumes exceed 10,000 annual average daily traffic (AADT). |

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| Public Place | As per section 125(5) of the <i>Local Government Act 2009</i> : A public place is a place, or that part of a place, that – (a) is open to the public; or (b) is used by the public; or (c) the public is entitled to use; whether or not on payment of money. |
| Road | As per section 59 of the <i>Local Government Act 2009</i> : (a) an area of land that is dedicated to public use as a road; or (b) an area of land that: (i) is developed for, or has as one of its main uses, the driving or riding of motor vehicles; and (ii) is open to, or used by, the public; or (c) a footpath or bicycle path; or (d) a bridge, culvert, ford, tunnel or viaduct. However, a road does not include: (a) a State-controlled road; or (b) a public thoroughfare easement. |
| Street | A public thoroughfare, usually paved, in a village, town or city, including the sidewalk or sidewalks. |
| The Relevant Australian Standards | AS/NZS 1158 Set: 2010 Lighting for Roads and Public Spaces |

5 Procedure:

The provision of road, street and public place lighting is provided in accordance with the lighting categories contained in the relevant Australian Standard. These categories are category V lighting and category P lighting.

5.1 Category V Lighting

Category V lighting is applicable to roads and streets on which the visual requirements of motorists are dominant, for example traffic routes.

5.2 Category P Lighting

Category P lighting is applicable to:

- Roads, streets and pathways on which the visual requirements of pedestrians are dominant; and
- Outdoor public areas and car parks, where the visual requirements of pedestrians are dominant.

5.3 General Provisions

It is apparent that the installation of road, street and public place lighting to be fully compliant with the relevant Australian Standard, will be cost prohibitive for Council in the short to medium term, without severely impacting on other capital funding priorities. In order to meet the intent of the provision of road, street and public place lighting, the following general provisions apply:

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- (a) In new developments within urban areas, lighting is to be installed in accordance with the relevant Australian Standard and the Capricorn Municipal Development Guidelines where applicable, at the developer's costs.
- (b) Where Council installs new pedestrian crossings or LATM (for example, roundabouts, chicanes, speed bumps, etc), lighting is to be installed to the relevant Australian Standard as part of the project cost.
- (c) Where a significant capital funded new or upgrade works is being undertaken by Council on a Council:
 - Road that meets the requirements for Category V public lighting; or
 - Controlled public place,
 the installation of public lighting shall be carried out to the relevant Australian Standard and is to be funded as part of the project cost.
- (d) The provision and associated cost of lighting associated with privately owned and controlled public places (for example, shopping centres) is the private owner's responsibility.
- (e) The provision and associated cost of Category P lighting associated with existing Council owned and controlled roads, streets, pathways and public places in existing developed areas is Council's responsibility. The installation of lighting in these areas is prioritised and staged subject to available capital and ongoing maintenance funding through the use of provisional standards, to ultimately comply with the relevant Australian Standard over a period of time.
- (f) In assessing a request for installation of additional lighting, the following relevant factors are taken into account:
 - The proportion of night time use of the road/facility;
 - Volumes of vehicles;
 - Pedestrian and cycle activity and their interaction during night time use;
 - Historical or expected night accident or incident rate;
 - Environmental impacts associated with spill lighting and glare; and
 - The competing needs of other Council controlled roads or facilities.
- (g) It is not the intent of Council's lighting schemes to provide security lighting for privately owned premises. Requests for lighting on the basis of increasing security on private premises will be refused. Privately owned premises are encouraged to install their own security lighting.
- (h) Requests for removal of existing lights will be refused unless there is an overriding public benefit in their removal.
- (i) Use of existing power poles will be maximised to economically implement the provisional standards.
- (j) Where possible, installation of additional lighting should be placed where it can be incorporated in a compliant public lighting scheme.

5.4 Public Requests

Public requests for new and improved lighting are forwarded to the Civil Operations section for investigation. If a request warrants a minor improvement that can be addressed under Council's provisional standards, the priority of the lighting installation is assessed and added to Register of Requests for Public Lighting.

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Priority is based upon whether the visual requirements of pedestrians or motorists are dominant and the relevant factors identified under section 5.1.6. Programming of the work is subject to completion of higher priorities in the register and available capital funding.

If a request involves a major improvement, a lighting scheme is prepared and costed and the proposal is submitted for funding under the annual capital works budget process.

5.5 Emerging Technologies and Environmental Sustainability

Council investigates and considers any road, street and public place lighting technology to promote the concepts of reduced energy consumption and greenhouse gas emission reduction.

5.6 Streetlight Rating Categories

The following definitions generally describe streetlight rating categories used by Ergon Energy:

- Rate 1 – public lighting may only be installed on roads or other public thoroughfares at the written request of a public body. The complete public lighting installation is supplied, installed, owned and maintained by Ergon Energy.
- Rate 2 – public lighting may only be installed on roads or other public thoroughfares at the written request of a public body. Under this rate, all supply and installation costs are funded by the public body or developer and ownership of the public lighting installation is then vested in Ergon Energy. Ergon Energy then assumes responsibility for maintenance of the installation.
- Rate 3 – public lighting may only be installed on roads or other public thoroughfares at the written request of a public body. Under this rate, the complete public lighting installation is supplied, installed, owned and maintained by the public body.

The majority of Council's street lighting installations are on either Rate 1 or Rate 2 categories. Some Rate 3 lighting installations are in place where non-standard lighting installations have been used or where major works have been carried out on major traffic routes.

Where possible; new street lighting installations should be carried out as either Rate 1 or Rate 2 schemes.

5.7 Malfunctioning Lights

Where Council is contacted by a customer regarding a malfunctioning light, Council will determine the entity responsible for maintenance and request the entity undertake repair or replacement of the light. Generally, maintenance entities are as follows:

- Rate 1 and 2 streetlights – Ergon Energy.
- Rate 3 streetlights associated with controlled intersections such as traffic signals and roundabouts on the state controlled road system – Department of Transport and Main Roads.
- Rate 3 streetlights associated with controlled intersections such as traffic signals and roundabouts on Council's major road system and Council carparks not associated with community facilities – Council's Civil Operations section.
- Parks and Reserves – Council's Community Services department.

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- Council controlled community facilities and associated car parks – Council’s Community Services department.

5.8 Street Lighting Glare Complaints

Installation of new street lighting or upgrading of existing street lighting does have the potential impact of glare on adjacent residences. Where light from a streetlight is considered to be causing excessive nuisance to a resident, the resident can request installation of glare control.

Requests are investigated by Council and consideration is given to the general standard of lighting in the area, traffic safety and the needs of pedestrians. The outcome of the investigation will ascertain whether glare control is appropriate, the type of glare control and who is responsible for installation costs.

Installation costs, where approved on an existing streetlight, are the responsibility of the resident; however, Council is responsible for organising the installation through Ergon Energy. Council issues an order to Ergon Energy for the installation once Council has received payment from the resident. The payment amount is based on the Ergon Energy quotation.

Installation costs, where approved on a new or upgraded streetlight are Council’s responsibility and Council will organise the installation through Ergon Energy.

Upgrading of streetlights does not include where new lamps are fitted to existing streetlights on a like for like basis by Ergon Energy during routine maintenance activities.

6 Review Timelines:

This procedure will be reviewed when any of the following occur:

- The related information is amended or replaced; or
- Other circumstances as determined from time to time by the General Manager.

7 Responsibilities:

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|---------------------------|------------------------------------|
| Sponsor | Chief Executive Officer |
| Business Owner | General Manager Regional Services |
| Procedure Owner | Manager Engineering Services |
| Procedure Quality Control | Corporate Improvement and Strategy |

PETER KOFOD
GENERAL MANAGER REGIONAL SERVICES

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