Title	Street & Public Open Space Lighting

Policy Type

Council

Policy Purpose

The purpose of this Policy is to ensure street lighting within the City is limited to infrastructure approved and maintained by Western Power, in order to minimise long-term maintenance and asset management costs.

The policy also provides a framework for the assessment and approval of non-standard or alternative lighting in public areas, including requirements for design, installation, lifecycle performance and handover.

The policy also ensure all lighting infrastructure is delivered in a manner that is safe, energy efficient, sustainable, and appropriate to its intended use and location.

Policy Statement

The City will only support the installation of lighting infrastructure that is standardised, energy efficient, and cost-effective to maintain over its lifecycle, unless otherwise approved in accordance with this Policy.

(1) Street Lighting

1. The City will only support the installation of street lighting that is approved, owned and maintained by Western Power, unless otherwise approved by the City for strategic or place-based outcomes.

2. Developers shall select street lighting infrastructure from the standard or decorative range approved by Western Power. Lighting types shall be consistent with adjoining development areas unless otherwise approved.

3. Where a developer proposes an alternative lighting type, approval shall only be considered where Western Power has formally accepted the lighting into its approved decorative range.

4. All street lighting, including illumination of traffic management treatments, shall be designed and installed in accordance with Western Power requirements and the latest editions of relevant Australian Standards, including the AS/NZS 1158 series.

5. Lighting shall be energy efficient and aligned with current industry practice and the City's sustainability objectives.

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6. Illumination is not to spill beyond the front building line of the adjacent properties unless required for security purposes. Additionally, the developer shall select lights that reduce the light spill into surrounding natural areas to reduce the impact on native fauna. All lighting shall comply with the current version of AS/NZS 4282 for control of obtrusive light, including limits on spill light, glare, and sky glow

7. The City may support trials of new lighting technologies where they demonstrate improved energy efficiency, reduced environmental impact, or reduced lifecycle costs, subject to agreement with relevant stakeholders.

(2) Alternative Street Lighting

1. Lighting infrastructure that is not part of the standard or decorative range approved by Western Power will be considered on a case-by-case basis and requires approval by the City.

2. Proposals for alternative street lighting must be supported by a detailed submission, including:
a. lighting design documentation and specifications;
b. intended function and application of the lighting;
c. certification by a suitably qualified lighting professional confirming compliance with relevant Australian Standards; and
d. evidence of product reliability, availability and manufacturer support.
f. the City's ability to safely and efficiently maintain the asset over its lifecycle

3. The City will assess alternative lighting proposals having regard to:
a. whole-of-life cost and maintenance implications;
b. asset durability and suitability for the proposed location;
c. energy efficiency and environmental performance;
d. compatibility with existing infrastructure and maintenance practices; and
e. alignment with the City's strategic and place-based objectives.

4. The developer shall be responsible for all costs associated with the supply, installation and commissioning of the lighting, and for maintenance of the lighting for a minimum period of two (2) years following commissioning.

5. Prior to the expiration of the maintenance period, the lighting installation shall be inspected by the developer and the City to confirm that it is in acceptable condition for handover.

6. Handover of alternative lighting infrastructure will only be accepted where the requirements of Section 4 (General Lighting Requirements)

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have been satisfied, including provision of asset information, warranties and maintenance documentation.

7. Where alternative lighting is approved, the City may require the provision of spare components to support ongoing maintenance. The quantity and type of spare components shall be determined by the City based on asset criticality and availability.

8. Approval of alternative lighting is at the discretion of the City.

(3) Public Open Space Lighting

1. Lighting within public open space, including parks, reserves and foreshore areas, shall be designed in accordance with the City's Open Space Lighting Guidelines and Public Open Space Development Guide.

2. Where inconsistencies exist between this Policy and associated guidelines, the intent of this Policy shall prevail.

3. Proposals for public open space lighting that are not consistent with the applicable guidelines shall require approval by the City.

4. All public open space lighting shall comply with the requirements of this Policy, including Section 4 (General Lighting Requirements).

5. Lighting proposals shall demonstrate suitability in accordance with this Policy for the intended location, including consideration of:
a. asset durability and expected service life;
b. maintenance requirements and access;
c. energy efficiency and environmental performance; and
d. availability of replacement components and ongoing product support.

6. Where bespoke or non-standard lighting is proposed within public open space, the requirements of Section 2 (Alternative Lighting) shall apply.

(4). General Lighting Requirements

1. Lighting shall only be provided where required and shall be designed to minimise extent, intensity and duration.

2. All lighting shall comply with the latest editions of relevant Australian Standards and applicable legislation.

3. Lighting installations shall be energy efficient, utilise LED technology unless otherwise approved, and be selected based on whole-of-life cost and performance.

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4. Lighting shall be designed to minimise light spill, glare and impacts on adjoining properties, road users and environmentally sensitive areas.

5. Lighting assets shall be durable, fit for purpose, and minimise ongoing maintenance requirements.

6. The City will only accept lighting assets where adequate asset information, documentation, warranties and maintenance requirements is provided in the City's format.

7. Non-standard lighting shall be assessed in accordance with Section 2 of this Policy.

Strategic Link:	Asset Management Strategy and Public Open Space Strategy
Category	Assets & Maintenance
Lead Business Unit:	Civil Infrastructure
Public Consultation: **(Yes or No)**	No
Adoption Date: (Governance Purpose Only)	14 July 2026
Next Review Due: (Governance Purpose Only)	July 2028
ECM Doc Set ID: (Governance Purpose Only)	8740109

Document Set ID: 8740109
Version: 9, Version Date: 18/08/2026