



STREET LIGHTING

POLICY

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Owner: Department of Transport

Manager: Transport Infrastructure Planning Division

GENERAL REQUIREMENTS

The provision of street lighting on Territory roads is necessary to maintain road safety standards, amenity and personal safety. The requirements for street lighting with illumination levels appropriate for the lighting environment on Territory roads are to be in accordance with the current version of AS/NZS 1158 *Lighting for roads and public spaces* (all parts), the Austroads *Guide to Road Safety* and *Guide to Road Design* and the Northern Territory Government's *Roadworks Master Specification*.

An appropriately qualified Electrical Engineer shall design all lighting. The PowerWater Technical Standards shall apply to all electrical works and fittings to be provided.

All street lighting and electrical design shall be approved by PowerWater.

All lights shall be controlled for lighting duration by time switches. The type and location of luminaires, as well as the provision of frangible poles in certain circumstances, shall comply with the latest Northern Territory Government standard specifications.

All lighting designs submitted for approval shall include a luminance diagram showing the extent of the illumination over the road carriageway.

LIGHTING STANDARDS

The appropriate category of lighting standard for a particular road type is to be selected from Australian Standard AS/NZS 1158.1 *Lighting for roads and public spaces – Vehicular traffic (Category V) – Performance and design requirements*. Fittings and pole types shall be as approved by the Department consistent with current practice in the Northern Territory.

Where existing lighting on roads and/or intersections affected by the development does not meet current standards, the Developer shall be responsible for upgrading works to current standards.

LIGHTING DESIGN

Arterial Road Requirements

All intersections on urban arterial roads require street lighting. The minimum requirement is Category V3.

Where a subdivision road or a property development connects to a rural arterial road, street lighting may be required at the intersection, depending on the location, type of intersection, projected traffic volumes, the nature of abutting property development and the characteristics of the affected arterial road, including speed environment and road geometry.

Subdivision Road Requirements

The lighting standard for subdivisional roads, where required, shall cater for the following:

1. all intersections, including signalised intersections, with raised traffic control devices or where the traffic volumes and speed environment justify its installation
2. the ends of cul-de-sacs

3. curved sections of a road
4. the end of all walkways or cycle paths not adjacent to roads
5. every traffic calming device.

Light poles and underground cabling shall not conflict with any infrastructure, including stormwater pits, pedestrian crossing points or driveways, and shall be located opposite shared lot boundaries where possible.

Pedestrian and Cycle Path Requirements

Paths located immediately adjacent to roads will generally be adequately illuminated by the roadway lighting. Paths adjacent to roads but separated by wide nature strips should be checked to ensure adequate luminance.

Where a path is providing a link between roads in a subdivision the path as a general rule will require bollard lighting.

On-site Lighting and Illuminated Signage

Any floodlighting or security lighting provided within a development is to be installed in such a manner that prevents the lighting creating a hazard or nuisance to traffic on the abutting road. On-site lighting shall comply with the requirements of Australian Standard AS 4282-1997 *Control of the obtrusive effects of outdoor lighting*. On-site lighting and illuminated signage shall also comply with the provisions of Part IV of the *Traffic Act*.

The finish of any illuminated prime identification sign shall be such that day and night readability is the same and is of constant display (i.e. not flashing or of variable message). The sign shall be positioned so as not to create sun or headlight reflection to motorists; and be located entirely (including foundations and aerially) within the subject Lot.

Advertising signage, either permanent or temporary, i.e. 'A' frame, vehicle or trailer mounted, shall not be erected or located within a Territory road reserve, without specific approval from the Department.