

LED streetlights pilot project

We're replacing non-LED streetlights with energy-efficient LED luminaires.

This initiative supports the community's decarbonisation goals and our commitment to delivering safe, reliable, and affordable electricity. A pilot program starts in April 2025 in some suburbs within the Cities of Canning, Melville, and Kwinana. The project is fully funded by Western Power.



Why LED streetlights?

- ✓ **Better for the environment** – LED lights don't contain the materials found in older models and will reduce streetlight-related CO₂ emissions on average by around 60% through lower power consumption.
- ✓ **Improved community safety** – Brighter, more focused light enhances visibility on roads and in public spaces.
- ✓ **Cost-effective and reliable** – With a longer lifespan and greater energy efficiency, LEDs reduce maintenance costs for local governments and ratepayers.
- ✓ **Future-ready** – The new LED luminaires are 'smart-capable,' enabling future innovations like smart lighting features.

What to expect during the rollout

We'll collaborate with local governments to plan the LED upgrades for each suburb.

Each streetlight takes about 20 minutes to change, with no impact on your power supply.

No civil works or excessive noise are expected. Some work may occur at night or on weekends, with traffic management in place to ensure safety.

Equipment

The new LED luminaire is a module housing multiple LED lights that comply with current Australian Standards for road safety.

New LED lighting may appear brighter compared to older streetlights, which is largely due to the decreasing performance and lower light output of older lights.

Western Power's LED lights are warm white in their colour (3000K) which provides a balance between light effectiveness and amenity.

Areas with underground power

If your area is part of a planned underground power program, your streetlights will be replaced with LED luminaires during that project rather than through this program.



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Find out more

For updates and more information about the LED pilot project contact your Local Government or visit westernpower.com.au/led-streetlights

