

# LED streetlights

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

This work supports community decarbonisation goals and our commitment to delivering safe, reliable, and affordable electricity; a network for life.

As part of the proactive LED replacement works, we will be replacing traditional streetlight luminaires in order of priority with older luminaires being replaced first.

### We are also installing LED luminaires:



- when older streetlights fail
- through underground power programs
- in new streetlight installations i.e. new subdivisions.



## Benefits of LED luminaires



**Better for the environment** – made up of safe materials and will reduce streetlight-related CO2 emissions on average by around 60 per cent through lower power consumption.



**Improved community safety** – brighter, more focused light enhances visibility on roads and in public spaces, improving safety for pedestrians and motorists.



**Cost-effective and reliable** – with a longer lifespan and greater energy efficiency, LED luminaires reduce maintenance costs for local governments and ratepayers.



**Future-ready** – new LED luminaires are ready for future smart features like dimming, outage visibility and power usage monitoring.

## What happens during works

When we replace a traditional streetlight, we replace the head unit only; not the pole.

The upgrade works won't affect residents' power supply, and no civil works or excessive noise are expected. Where needed, we'll put traffic management in place and may carry out some works at night to keep crews and the community safe.

## Equipment

The new LED luminaires are a unit 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.

Your local government has been consulted regarding the brightness of each streetlight with consideration to a streetlight's height, location, road functionality, pedestrian use and security requirement.

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

## Find out more

For updates and more information about the LED streetlight upgrade works contact your Local Government or visit [westernpower.com.au/led-streetlights](https://westernpower.com.au/led-streetlights)

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