



CASE STUDY

Sky Stadium



Number of lights
3,502



Annual energy savings
984,550 kWh



Annual cost savings
\$171,312



Annual CO2 reduction
72 tonnes



Payback period
2.9 years



10 year savings
\$2.1 million

Sky Stadium is one of New Zealand's premier multi-purpose venues, hosting major sporting events and concerts year-round. To remain aligned with other world-class stadiums, Sky Stadium undertook a major upgrade of its ageing lighting systems.

Background

The stadium sought to replace outdated lighting technology with modern LED solutions to improve performance, reliability, and efficiency. Ecobulb was selected for the project based on our ability to deliver a complete service – including detailed lighting designs for each area and full as-built drawings.

The project

Completed in 2025, the upgrade replaced 3,502 light fittings, covering approximately 80% of the stadium. Installation was carefully scheduled around a live event calendar, allowing works to proceed only during approved access windows.

Even with the scope expanded to include an additional 450 lights, the project was completed in six months, well ahead of the original schedule.

Results

The upgrade achieves annual cost savings of over \$170,000, with a payback period of just 2.9 years. Sky Stadium praised the professionalism of the Ecobulb for delivering the project seamlessly within a busy, live venue.

Ecobulb continues to work with Sky Stadium to upgrade the remaining lighting, further enhancing efficiency and sustainability.

