



## Case study

### St Claudine Thevenet School



Number of lights  
**188**



Annual energy savings  
**46,284 kWh**



Annual cost savings  
**\$11,222**



Annual CO2 reduction  
**3.4 tonnes**



Payback period  
**3.1 years**



10 year savings  
**\$104,893**

“Sue (the principal) was full of praise for your team, really happy with their work and the way they looked after things like locking up and setting alarms. We would be very happy to use your company again.”

St Claudine Thevenet School (St Claudine's) is a small catholic primary school located in Wainuiamata near Wellington.

### Background

Ecobulb partnered with the Catholic Archdiocese of Wellington to identify schools requiring lighting upgrades to enhance learning environments. St Claudine's was selected as the first project due to its outdated and underperforming lighting systems. Ecobulb was chosen for its proven track record in delivering high-quality LED upgrades within the education sector.

### The project

A comprehensive site audit was completed, followed by detailed lighting designs for all areas of the school. During this process, several non-conformances were identified, including classrooms that were significantly underlit or overlit. These issues were resolved through tailored lighting solutions designed by Ecobulb to meet both performance and compliance requirements.

To minimise disruption to staff and students, installation was scheduled during the school holiday period and successfully completed in under one week.

### Results

The upgrade has delivered brighter, more consistent lighting across learning spaces, improving student comfort, focus, and classroom presentation. The school is now saving over \$11,000 per year in electricity and maintenance costs, while also reducing its carbon footprint by 3.4 tonnes of CO2 annually. With a payback period of just three years, the project represents a strong investment in both educational outcomes and long-term sustainability.

