

Chirnside Park SHOPPING CENTRE



TOTAL COST \$281,819 TOTAL FIXTURES 1,647

LEDsafe was requested by Chirnside Council to create a solution that reduces energy usage, emissions and save costs. We viewed the plans, investigated the centre and compiled an in-depth report. The original lighting consisted of:

- T5 fluorescent batters
- Tungsten Halogen downlights
- Compact fluorescent downlights
- High Pressure Sodium
- Metal Halide

We replaced their inefficient existing lighting and upgraded it to LED lighting, which now saves them \$71,965 annually.

OUTCOMES

- Annual energy savings = \$71,965
- Annual maintenance & energy combined = \$80,365
- 10 Year energy savings = \$719,650
- 10 Year energy & maintenance savings = \$803,650
- Simple Payback including installation costs = 3.51yrs

KEY FACTORS

- Undertake procurement analysis from our range of Australian manufacturers to ensure best current market factors re-pricing/quality/warranty/supply chain reliability.
- Consider environmental statements from manufacturers, including work place standards.
- Ensure efficient recycling of obsolete lighting involving best practice protocols via Nationally accredited waste management services.
- Maximise Government Incentive Schemes where possible to assist with Cap Ex.

Rebate: \$82,500



“This project was delivered in line with expectations. Ledsafe displayed best practice principles at all times. Thank you LEDsafe.”

Steve Ford,
Head of Sustainability & Energy,

Annual Energy Consumption

