

Case Study

Outdoor Lighting.

Albert Park Lawn Tennis Club.

The heritage listed tennis club situated in the beautiful St Vincents Gardens commissioned Ecovantage to upgrade the court lighting to reduce energy use whilst improving light quality for players. Light spillage into the surrounding gardens was also improved.

Club President Peter Davidson was delighted with the lack of glare and loved the immediacy of the lights after years of waiting while the old 1000 watt lights warmed up or cooled down.

The old lights were 1000 watt lights and have been replaced by powerful 250 watt LED lights. A perfect outcome for the small boutique club in inner Melbourne.



The Courts.

A local tennis club with 2 classic clay courts, the lighting consisted of 11 x 1000W flood lights, using approx. 12,000 kWh p.a. These were replaced with 11 x 250W LED flood lights that reduced energy to an estimated 2,631 kWh p.a. To maximise player comfort, anti-glare diffusers were installed.

Key Benefits.

- An estimated 78% reduction in Albert Park Lawn Tennis Club's lighting energy usage.
- Immediate full-power light output, no longer waiting up to twenty minutes for globes to reach potential.
- Improved lighting quality and output over the old flood lights, with a positive impact on playing visibility.
- Total estimated lifetime return of more than \$120,000 with a payback period of 2.1 years.

Highlights.



Estimated
Lifetime Savings
\$120,000



Payback period
2.1 years



Estimated
energy reduction
78%