

Case Study

Outdoor Lighting.

Acer.

Acer commissioned Ecovantage to undertake an energy efficient lighting upgrade at its large warehouse and workshop facility in Homebush.

Warehouse & Loading Dock.

Ecovantage replaced more than 100 existing 400 watt metal halide high bays, with energy efficient LED's, most of which use just 130 watts.

The high ceiling warehouse has skylights, which provide a lot of natural light, plus some areas have low occupancy levels. Hence the new high bays were fitted with a combined daylight / motion sensor, which automatically de-activates the lights when the ambient light is sufficient, or when the space is not occupied.

A number of the original lights were poorly located so Ecovantage re-centred lights above the warehouse aisles, or permanently removed fittings from areas where the lights were not required.

The Workshops.

In the workshop areas most of the existing fittings were recessed fluorescent troffers, which, taking into account the magnetic ballasts used 88 watts per fitting (i.e. 2 x 36W tubes + 2 x 8W ballasts).

These were replaced with LED panels that use just 24 watts per fitting.

A Small Word From Us.

At Ecovantage we are passionate about helping commercial and residential clients implement energy saving technologies that reduce their impact on the environment, and lower their energy bills.



Highlights.



Estimated
Annual Savings
\$30,000



Payback period
7 months



Lighting Energy
Savings
76%

To maximise end-user comfort, we installed LED panels with an in-built anti-glare diffuser.

Additional Areas.

The site comprised a number of other areas, including corridors, toilets and operations rooms.

With our wide range of lights, including LED battens (standard and emergency) and LED tubes,

Ecovantage was able to provide a solution that fulfilled all of ACER's lighting needs.

Key Benefits.

- A total of 426 light fittings were upgraded providing an estimated 76% reduction in ACER's lighting energy usage.
- With five-year warranties ACER has the peace of mind knowing they will not have to replace their lights for several years to come – no more changing globes / tubes on a regular basis. This helps to reduce costs that mount-up over time particularly in the high ceiling warehouse areas, which require special equipment to access the lights.
- Total estimated savings of more than \$30K per year, with a payback period of just 7 months.



Get in touch.

Want to learn more about how you could save on energy consumption like Acer did? We want to hear from you.

We have been saving businesses thousands of dollars for over a decade and our solutions-focused approach ensures effective and suitable recommendations your business.

Talk to us today.