

# Undercover car park - Docklands: **CASE STUDY**



With a lot of hungry LED lights and a 24-hour operation, under cover car parks are one of the biggest energy drainers.

With lighting costs that could run to hundreds of thousands of dollars a year, this large car park in the Docklands (Melbourne) was eager to see what the impact of an LED upgrade would be for their business.



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# The Challenge & Solution

This upgrade had both administrative and physical challenges.

The LED installation approval process lasted several months, as a number of key stakeholders were involved in the project. The contracted servicer provider, landlord and tenant all required consultation.

Energy Makeovers simplified the process by clearly demonstrating the potential savings, as well as handling the VEET paperwork process.

During the installation, the qualified Energy Makeovers technicians investigated all hidden corners and crevices of the large building to ensure the old lights were removed and the new cost-saving LED lights were installed.

The result was a thorough upgrade, which is now seeing the car park saving \$28,800 a year in running costs, and with tens of thousands of dollars more saved in maintenance costs.



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# Results & Benefit

**Fluorescent tubes upgraded: 1211x1200mm**  
**Estimated annual savings: \$28,800**

"I manage all the lighting and electrical for a large car park in the docklands. We deliver greater efficiencies to the building and the building owner. The existing lights were only about 6 years old but we knew savings from switching to LED would be worth it.

We went with Energy Makeovers because we could use the Phillips fit-in and it's a product well backed by the manufacturer.

When it came to the install, there was an issue with wrong product delivered to the site. But they made sure the right product sent straight away. Good quality electricians. They didn't stop until they made sure they got to every area and every light. It's a big building and a lot of lights are hidden away. Most contractors wouldn't have gone that far.

**Our savings are at least 20,000 kilowatt hours a month. Which works out to be about \$28,800 per year and then maintenance savings on top of that. Really happy with it."**

Anthony Lahiff, Lighting and Electrical Team Leader



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