CASE STUDY

saving energy doesn't have to cost the earth™

Product: *Light Eco® 4.8*
Customer: *Brisbane International Airport Corporation*
Customer Contact: *Available upon request*
Location: *International Airport Carpark, Brisbane QLD Australia*
Investment: *AUD$24,500 (fully installed)*
Annual Savings: *AUD$16,100*
Return On Investment: *66% (simple payback = 18 months)*
Greenhouse gas savings per year: *249 Tonnes of CO_2 equivalent*

Project Description:

The New Brisbane International Airport now includes a long-term 1500 car bay multi-deck car park in which fluorescent lighting is the main form of illumination and these lights are switched on 24 hours of each day.

These operating conditions are ideal applications where Light Eco® products can save customers substantial money and Greenhouse Gas. From calculations made very early in the building phase, Light Eco® was specified. The calculations showed that an estimated saving in lighting charges from the electricity utility company, would be approx $16,000 per annum, plus anticipated additional future savings in re-tubing costs saving another $5000 and they also save 277MWHrs per year.

The New Brisbane International Airport Carpark has seen the advantages of using Light Eco® energy conservation units on each floor of the complex.

Carpark builders Barclay Mowlem Pty Ltd saw the benefits of installing Light Eco® devices during the building stages. They were integral in persuading the Brisbane Airport Corporation Limited to install Light Eco® and the benefits were seen from day one of operation of the new car park.

Barclay Mowlem now incorporate Light Eco® products as a value added customer benefit in all tenders incorporating electromagnetically ballasted fluorescent lighting.

An image of the interior of the carpark at Brisbane International Airport where Light Eco® controls the energy supplied to fluorescent lamps throughout each level of the carpark.

The modern carpark at Brisbane International Airport - Light Eco® energy controllers were installed extensively throughout the structure.

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