

CASE STUDY

Product: Light Eco® 4.8

Customer: Brisbane International Airport Corporation

Customer Contact: Available upon request

Location: International Airport Carpark, Brisbane QLD Australia

Investment: \$24,500 (fully installed)

Annual Savings: \$16,100

Return On Investment: 66% (simple payback = 18 months)

Greenhouse gas savings per year: 249 Tonnes of CO₂ 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 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.



The information in this Case Study is for the use of ecoBright® customers. For advice or more information on ecoBright® products and applications please contact staff at:
ecoBright® energy solutions ABN 73 121 912 356 11 Beresford Street Pascoe Vale South Victoria 3044 Australia T: 61 3 9386 3459 F: 61 3 9386 2148
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