

# Sky City Light Eco LE2.4 and LE3.8 Energy Conservation Case Study



Initially, SKY CITY's

## **Main 6 storey underground car-park**

was targeted and a comprehensive internal study of the potential benefits was undertaken. This demonstrated that the following was achievable—

Cost of Lighting per year	<b>\$148,000</b>
Annual Savings	<b>\$45,000</b>
Cost of Investment	<b>\$75,000</b>
(incl estimated Installation Costs)	
Internal Repayment Period	<b>20 months</b>
Return on Investment	<b>60%</b>
Overall Repayment Period	
incl Depr	<b>14 months</b>
O'all Return on Investment	<b>85%</b>
Energy Savings per Year	<b>643 MWhrs</b>

**SKY CITY** became aware of ILLUM-A-LITE light echo through information supplied by **Professional Electronics Ltd** through their tariff consultants.

The reaction from Sky City was positive from the beginning and has been reinforced by their experience with it.

A trial with three units was commenced in April and their performance monitored.

The expected savings of 25% were exceeded while they reported the reduction in LUX to be imperceptible.

Such was their satisfaction that they determined to proceed.

However, it was decided to place their first order for installation in their Federal Street Administration building, and in their Staff Carpark in Nelson Street.

Towards completion of those installations the Main Carpark requirements will follow to give continuity to the installers.

SKY have advised that they intend to utilise Light Eco in their other establishments in Hamilton, Christchurch, Queenstown and Adelaide.

Sky City's satisfaction is well demonstrated by their interview with EECA published in the June / July 2002 issue of EnergyWiseNews. Copies are available on request from Professional Electronics. Alternatively we can email this information (and more) to you as email attachments from [sales@profel.co.nz](mailto:sales@profel.co.nz) For yet more information please see our website at <http://www.profel.co.nz> Phone 64-7-543-3916 Mob 0292-717-910