

CASE STUDY

Product: Light Eco® 4.8

Customer: Avon Australia Regional Head Office Australia

Customer Contact: Available upon request

Location: 120 Old Pittwater Road Brookvale, NSW Australia

Investment: AUD\$30,000 (fully installed)

Annual Savings: AUD\$22,000

Return On Investment: 97% (simple payback = 13 months)

Greenhouse gas savings per year: 270 Tonnes of CO₂ equivalent



Project Description:

Demand-side management programs are public utility sponsored programs that encourage energy efficiency improvements by offering rebates and other subsidies to their customers for energy efficient technologies.

Responding to a demand-side management program in the local area, Avon Products Pty Ltd (Avon) the Australian arm of the giant multi-national, engaged Ilum-a-Lite a partner company of ecoBright® energy solutions to implement energy saving measures on their lighting.

Avon provides high quality products throughout the world and its Australian office occupies a four-storey office and warehouse building on Sydney's Northern Beaches. Both Office and shipping areas are lit with more than 4000 fluorescent lights.

Ilum-a-Lite identified that Light Eco® could save more than 25% of the energy used for lighting on all administration floors and a pilot unit was installed. Upon evaluating the pilot installation results, Avon immediately authorised the complete the installation of additional Light Eco® units on all floors.

Additionally, Ilum-a-Lite and Avon's building manager identified that the shipping area was poorly lit with old fluorescent lighting.

It was suggested that a complete re-lamping take place where Ilum-a-Lite would replace twin 36-watt Halophosphor lamps with single 37-watt Quadphosphor lamps.

The re-lamping would provide better light levels, reduce energy consumption by 50% and the new technology lamps would outlast the older lamps by 100%.

The Light Eco® project was completed over two working days with minimal disruption to what is a very busy complex and the re-lamping work was conducted over two weekends, to avoid any disruption to Avon's shipping operation.

In addition to the saving shown above, Avon contributed a saving of 74 KVA to the demand-side management program, helping the local electricity provider to cope with increasing demand. This saving attracted a financial bonus of \$7,000 to Avon from its local electricity supplier.

Contact personnel are available upon request, please contact ecoBright® energy solutions for further information.



The information in this Case Study is for the use of ecoBright® customers. ecoBright® shall not be held liable for any costs, losses or damages howsoever caused as a result of reliance on the information it contains. 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
ecoBright® energy solutions is a trade mark of ecoBright® Pty Ltd. E: info@ecobright.com.au W: www.ecobright.com.au

Light Eco® is a registered trade mark of Ilum-A-Lite Pty Ltd

© Copyright - ecoBright® Pty Ltd v.06/08