

# Case Study

## ARNOTT'S, HUNTINGWOOD NSW

### CHALLENGE

As one of the largest food companies in Asia Pacific, Arnott's has an environmental policy in place that reflects its commitment to conduct business in a manner that respects and protects the quality of the environment. It strives to limit emissions to the water, air and land, and to use resources efficiently. With a goal of reducing energy consumption, Arnott's engaged Ilum-a-Lite to upgrade lighting at their Huntingwood site in Sydney's west.

### SOLUTION

Ilum-a-Lite's Save It Easy® in-line T5 upgrade was specified to retrofit all the old 58 & 36 Watt T8 fluorescent luminaires to highly efficient 35 & 28 Watt T5 operation.

In making these changes, many fittings were able to be de-lamped, with the areas continuing to comfortably meet Australian Standards for indoor lighting.

Most importantly the solution required no replacement of light fittings, no re-wiring of existing fittings and the project was completed with minimal delay and disruption. The solution was as simple as re-lamping the old fittings.

### RESULT

The changes implemented by Ilum-a-Lite achieved energy savings of up to 45% and a significant reduction in greenhouse gas emissions.

With the very high level of savings generated by the upgrade and the low cost of Save It Easy, Arnott's can expect a return on investment that has not been available for T5 upgrades in the past.

Minimal waste was generated and all the old T8 fluorescent tubes were re-cycled. In future years Arnott's will further reduce waste, as the T5 lamps installed will have double the life of those replaced and only one third the mercury content.

<b>Approximate annual savings</b>	<b>\$34,000</b>
<b>Approximate investment</b>	<b>\$56,000 Including T5 lamps</b>
<b>Approximate payback</b>	<b>20 months</b>
<b>Greenhouse gas savings per year</b>	<b>365 tonnes CO2 equivalent</b>



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