

# Case study: Unilever



Energy: LED



Industry: Industrial

Unilever is a global company that manufactures food, drink, home and personal care products across 400 brands.

## Background

It is a global corporate goal for Unilever to reduce its CO<sub>2</sub> emissions from its factories by 2020. Their Tatura site in Victoria had retrofitted some areas to LED previously, but they wanted to upgrade the whole site with better quality LEDs. Shine On was selected for this role due to the longevity of our products and following a significant due diligence process by Unilever.

## The project

After a thorough assessment, including lighting designs and a lighting trial, we upgraded their old inefficient lights to market-leading Shine On LEDs. The highbays were custom made to fit their recessed fittings and to be compatible with their current lighting system.

## Results

Following installation of over 1,200 lights, the site will save 70% on its lighting consumption, which will deliver 10 year savings of over \$1.1 million. This, all within a pay pack period of only 11 months!

We have since upgraded their Minto NSW site which manufactures Streets ice cream and the results were 10 year savings of \$1.4 million and a payback period of only eight months!

## Results

Energy savings	70% reduction
Payback period	11 months
Annual lighting energy saving	833,495 kWh
First year return on investment	106%
Greenhouse gas reduction	1,125 tonnes per annum
Total 10 year saving	\$1,164,058

## Energy efficient products used

Product	Quantity
Shine On H-Flux Mk3 LED Highbay	346
Shine On Stellar Mk2 LED Canopy	63
Shine On Juko IP40 LED Batten	285
Shine On Juko IP66 LED Batten	464
Shine On Omera Mk2 LED Panel	6
Shine On Sabre Mk3 LED Tube	51

*"The reason for my high score of 10 is because I really like the quality of the products. They are the most efficient in the market and have been shown to have a long life guarantee. I really liked how they were able to fit in with our existing light automation system.*

*The sales representative always gets back to us and has done a good job at recommending and designing all our fittings."*

Mark Turner  
Facilities Manager, Unilever

## Energy savings (kWh)

