

Case study: Sevana Apartments



Energy: LED



Industry: Accommodation

Results

Energy savings	80% reduction
Payback period	16 months
Annual lighting energy saving	211,549 kWh
First year return on investment	76%
Greenhouse gas reduction	201 tonnes per annum
Total 10 year saving	\$406,840

Energy efficient products used

Product	Quantity
Shine On Juko IP66 LED Batten (sensored)	406
Shine On Juko IP66 LED Emergency Batten	212
Shine On Juko IP66 LED Batten	10

"Our site, although only a few years old, was fitted with T5s and the building was burning money on maintenance and replacements. We chose Shine On after an extensive tendering process for their extended warranties, superior products and excellent technical knowledge. We were also very impressed with our sales rep who proved to be extremely knowledgeable, was always available to answer any questions and attended site many times to ensure our installation went as smoothly as possible. We are delighted with our new lights, and are enjoying great energy savings! I would not hesitate to recommend Shine On to anyone looking to upgrade to LED."

Yogesh Narashima
Building Manager, Sevana Apartments

Sevana Lane Cove is a modern apartment block on the North Shore of Sydney.

Background

The body corporate wanted to upgrade the lighting to LED in the common areas of the apartment following a 50% increase to their electricity rates. Shine On was selected as part of a tender process, as our recommended fittings delivered the highest energy savings and they had the longest warranties.

The project

All lights in the carparks, stairwells, storage areas, control and maintenance rooms were included as part of the project. The fluorescent tubes that were found throughout the site were upgraded to various versions and wattages of the Shine On Juko IP66 LED Batten. Emergency fittings were used in the stairwells and tunnels and motion-sensored versions replaced the tubes in the carparks and offices. This ensured the lights were only switched on and consuming energy when required.

Results

Following completion of the upgrade, the site will save 80% on their lighting bill within the common areas. That equates to over \$37,000 a year and all paid back in less than a year and a half!

Energy savings (kWh)

