

Case study: Lane Cove Aquatic Leisure Centre



Energy: LED



Industry: Recreation

Lane Cove Aquatic Leisure Centre is home to a number of facilities including indoor and outdoor pools and a health and fitness club.

Background

Lane Cove Aquatic Leisure Centre wanted to upgrade their flood lights over the pool areas to LED as their current floodlights were failing, expensive to run and, due to access issues, time consuming to repair. There were also safety concerns with dark areas due to failed lights. Shine On was sought based on a recommendation from an existing client.

The project

Installation was completed around the schedules of their customers throughout the day with spotters on the ground to ensure safety. On completion of the installation, extensive testing was done to make sure the lights worked with their pre-existing computer control systems. In addition, some architectural lights that were costing money but not adding lighting to areas needed, were removed.

Results

The centre is now saving 80% on their annual lighting energy costs with a payback period of only 16 months. They are loving the new lights with the increased lighting levels making the centre and pools look refreshed and clean and providing a higher level of safety for their customers and employees.

Results

Energy savings	80% reduction
Payback period	16 months
Annual lighting energy saving	45,475 kWh
First year return on investment	75%
Greenhouse gas reduction	43.2 tonnes per annum
Total 10 year saving	\$90,665

Energy efficient products used

Product	Quantity
Shine On Torq LED Floodlight	24

"Overall it was a very easy experience, and we had no dramas with the products that they installed for us. Once the installation was complete, I immediately noticed that the place looked a lot better, and we've ended up saving a heap on our utilities bill. They're such an efficient little product, so we've started negotiations with Shine On about doing some installations on our other sites because their product is so practical."

Stewart Morris
Centre Manager, Lane Cove Aquatic Centre

Energy savings (kWh)

