



Case Study

Flinders University | Adelaide SA

As part of its commitment to reduce the carbon footprint of campus operations, Flinders University commissioned an energy review of the Bedford Park campus. The team at Lumex LED lighting, with support from the maintenance electrician and electrical wholesaler were able to offer a solution to the client that optimized energy efficiency whilst being mindful of total costs.



THE PROJECT

As part of its commitment to reduce the carbon footprint of campus operations, Flinders University commissioned an energy review of the Bedford Park campus. The review looked at high level opportunities to improve energy efficiency across the campus.

A co-generation plant and solar has been considered, but given the scale of Flinders University, this was not cost effective, hence the most suitable project would be to reduce their energy consumption through a refit of lighting in a key area of the university, the Sturt Library and BioSciences being the most recent projects.

THE SOLUTION

A cost effective solution is to cut their energy usage/costs through lighting, which plays a major part in their overall consumption. To date over 500 NovaBlade™ Panel Lights have been supplied and a number of NovaLED™ Maxi downlights. The NovaBlade™ Panel lights were chosen as the most appropriate product based on their slim profile, consistent, evenly distributed light with a high colour rendering index. Also they do not accumulate dust or grime and nowhere for insects to gain access which made them the perfect choice for the fitout.

The NovaLED™ Maxi downlight range was also selected as the most

appropriate product, based on light output, wattage consumption and price positioning. Further, the integrated phase dimming capabilities found in the Lumex NovaLED™ Maxi range provided a perfect solution should dimming be a requirement in the future for the client.

POTENTIAL ENERGY & MAINTENANCE SAVINGS

With the fittings installed, energy savings in excess of 50% can be achieved for the client with the additional benefits of significant savings over the life of the fixture with zero maintenance required. To date, Flinders University have noted their power usage for lighting requirements in the upgraded buildings has at least halved already during the short period of time since installation.

THE FACTS

Fittings that were replaced	OVER 500
Lumex LED product	NOVABLADE™ PANEL LIGHT 1200 x 300mm (LL9P123N)
	NOVABLADE™ PANEL LIGHT 600 x 300mm (LL9P63N)
	LL1NM4DCNW (ARCHITECTURAL NOVALED™ MAXI)
	LL1NM8DCNW (ARCHITECTURAL NOVALED™ MAXI)
Energy Savings achieved	>50%
Product Warranty	7 YEARS
Maintenance Savings achieved	APPROX. \$14,840 PER ANNUM





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NovaBlade™ Light Panel LL9P## Series



Even better performance and even higher output
Excalibur models

More than 50% energy saving

Maintenance free life up to 50,000 hours

High colour rendering. In excess of CRI: 80

Outlasts more than 5 standard tubes

Smooth, even dispersal of light with minimal glare

Dimmable options available

Full Australian Approvals

lumexlighting.com.au/novablade-led-panel/

Architectural NovaLED™ Maxi LL1NM8## Series



Superior performance – up to 3200Lm effective output

Quality Commercial downlights

Full range of cut out sizes up to 200mm

Full range of alternatives to compact fluorescent and Metal Halide

Patented lens design provides excellent usable light with low glare

High colour rendering. In excess of CRI: 80

Energy savings up to 50% (compared to equivalent PLC)

Dimmable – Lumex LoadSmart recommended

lumexlighting.com.au/maxi-downlights/

