

Case Study Industrial Lighting:

Specialty Packaging Group



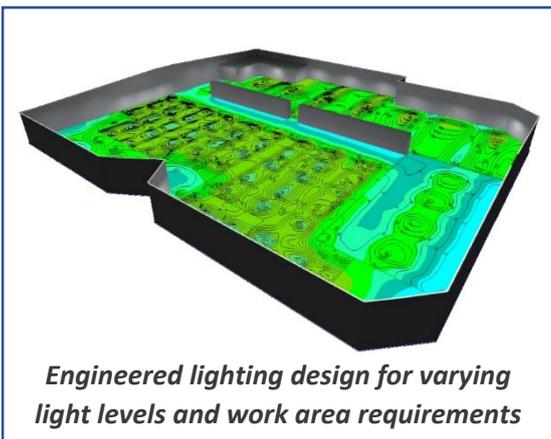
Specialty Packaging Group is part of Orora; Australia's largest packaging company. As a diversified print and packaging supplier, SPG offers an extensive range of cardboard boxes and bespoke packaging solutions for any application.

Industry:	Manufacturing	
Location:	South Oakleigh, VIC	
Scope:	Lighting upgrade	
	Engineered Controlled	Without Control
Total Cost:	\$53k	\$45.7k
Cost to Client:	\$37k	\$31.2k
Savings:	\$38k /year	\$24k /year
Energy Reduction:	160 MWh/year	94 MWh/year
Payback:	<0.94 year	<1.29 year

SPG's management wanted to take advantage of the Victorian Energy Upgrades incentive to reduce their electricity costs whilst improving the light quality in the various work environments. We conducted a thorough analysis of the baseline lighting configuration to design a customized solution with modern LED fittings and smart controls.

The SPG warehouse has 3 main areas requiring a different quality of light and different control parameters to suit the workspace conditions:

- Storage area → 80 Lux; dim after 5 mins, turn OFF after further 15 min
- General work zone → 160 Lux ; dim after 5 mins, stay ON
- High detail work → 320 Lux; dim after 5 mins, stay ON



We introduced VABOSS controls to the project because we have had great results with them in the past; they make it easy to achieve the maximum energy saving benefits of LED; they're easy to install and the App is very easy for the customer to manage.



"The automation and light levels that Genesis Now has achieved have been well thought out. Areas brighten as you approach them. They also dim gently when the daylight comes through brightly to add to the savings. I would happily show any prospective clients around to show them what Genesis Now's team has done" – Mark Dewar, Site Manager.

Because of the great return on investment and ongoing savings achieved from the lighting upgrade, SPG are now considering other energy efficiency upgrades.