

# Case Study **Industrial Lighting:**

## *Specialty Packaging Group*



**Industry:** Manufacturing

**Location:** South Oakleigh, VIC

**Scope:** Lighting upgrade

**Total Cost:** \$53k

**Cost to Client:** \$37k

**Savings:** \$38k /year

**Energy Reduction:** 160  
MWh/year

**Payback:** <1 year

Specialty Packaging Group is part of 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.

The management team at SPG's facility in Melbourne's South-East 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. The engineering team at Genesis Now 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:

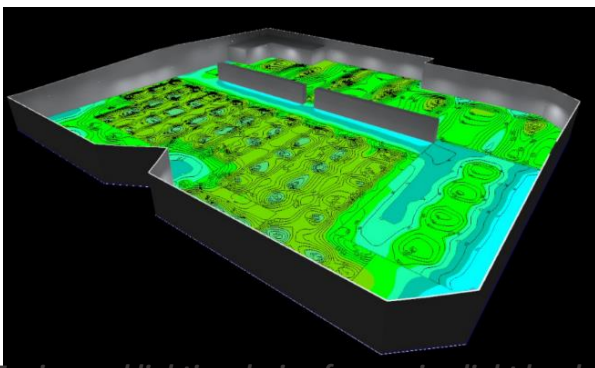
1. Storage area → 80 Lux; dim after 5 mins, turn OFF after further 15 min
2. General work zone → 160 Lux ; dim after 5 mins, stay ON
3. High detail work → 320 Lux; dim after 5 mins, stay ON

Following the successful completion of the warehouse lighting upgrade, the scope was expanded to include a full upgrade of the office and other staff spaces and external lighting, including further occupancy controls.

*"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



**XSY LED high bays with VABOSS  
smart controls**



**Engineered lighting design for varying light levels  
and work area requirements**

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



**We save your energy**