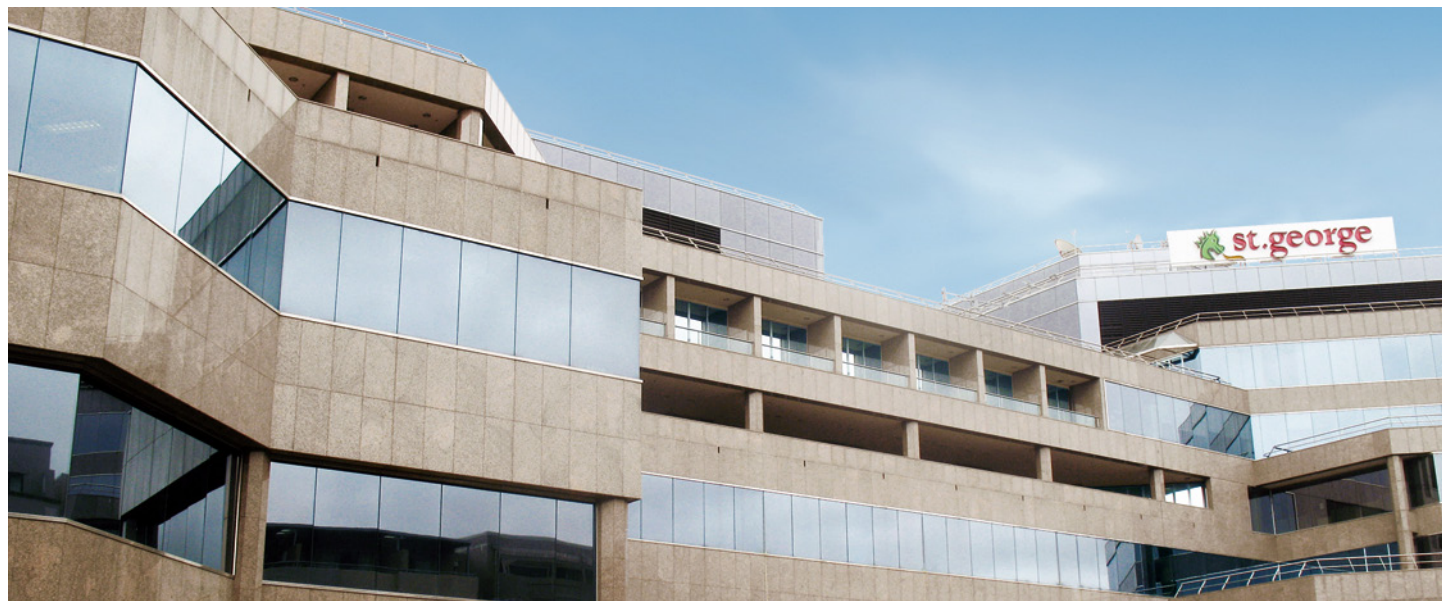


St. George Bank

► Please find detailed information of this project in our customer magazine FLASH, issue 20



▼ Project data:

- __ Owner: St. George Bank
- __ Lighting design: Richard Earngey & Associates
- __ Luminaire supplier: Australume Pty. Ltd.,
Harcroft Lighting Pty. Ltd.
- __ Electrical Contractor: Oxley Hallam NSW Pty. Ltd.
- __ Application: Office and education
- __ Product group: luxCONTROL, Dimming, Emergency Lighting

In early 2009 the St. George Bank called upon Richard Earngey & Associates to evaluate and implement an energy reduction program in their main headquarters building.

In consultation with Tridonic, it was decided to overhaul the energy efficiency of the fire stairs where at present they had close to 200 2x18 W luminaires operating 24 hours per day. The existing installation was replaced with 2x14 W T5 luminaires fitted with Tridonic PCA ECO ballasts with the corridorFUNCTION feature connected to an integral Tridonic Smart SWITCH.

As such, the project was implemented with the inclusion of Tridonic EM BASIC Ip emergency lighting inverters to each of the luminaires. With corridorFUNCTION installed, the calculated saving in CO₂ is over 25 tonnes per year.

With this initial stage completed, smartDIM SM Ip with two remote sensor heads controlling PCA ECO dimmable ballasts were installed in the 57 amenity and changeroom areas of the building.

With the successful implementation of these two stages, St. George Bank decided to implement a third and final stage, to harvest the natural light from the large glass atrium in the 6 storey building.

At this stage, project lighting specialist Harcroft Lighting supplied 2x36 W compact lamp luminaires complete with PCA ECO ballasts to replace the existing luminaires in the corridors around the atrium. By careful placement of Tridonic DSI-SMART sensors, one to each level, the lighting levels of the luminaires are adjusted in accordance with the amount of natural daylight coming into the atrium and achieve the desired effect.



Smart SWITCH



smartDIM SM Ip



EM BASIC Ip



PCA T5 ECO Ip

TRIDONIC

▼ enlightening your ideas