

## PROJECT FACT SHEET

**Customer:**

Lend Lease

**Project:**

SA Railways Operations Control Centre (OCC) Relocation and Power Supply Building (PSB) Construction

**Project Profile:**

Nilsen were awarded the supply and commissioning project involving Dynalite controls and DALI 209 lighting at SA Railways Operational Control Centre (OCC) and Schneider full DALI lighting and controls for external of the Power Supply Building (PSB) in July 2018.



This was a critical timing project to relocate SA's main railway control centre from the city centre to the main rail depot, into a state-of-the-art fitout where functionality had to allow for circadian rhythm and construction of the new power supply, data centre and driver break-out building in the city centre.

The OCC facility was a 100% LED lighting project which had to be DALI 209 Type 8 fully colour temperature adjustable to work with the 24 hr 7 days a week operational times, inclusive of many different lighting types LED panels, LED strips, LED downlights all of which were adjustable from 2700K-7000K. Allowances were made for AV integration points for future meeting rooms to allow for AV control of lighting levels and scenes. Nilsen worked successfully with manufacturers and installation team to upskill Nilsen technics to be suitable for the latest required practises.



The PSB facility was also a 100% LED lighting project which required different type of DALI lighting control system to enable it to fully connect back to a central location through the DPTI network which allows for monitoring and reporting of all light fittings for maximum efficiency and user safety.

A majority of all parties first experience with site requirements for the lighting control system allowed us to work together to bring the scope of the design to life to suit end user functionality of constant use.

Due to a close working relationship with Contracting, Networks were able to bring together the details of the scope to give best practise installation across the two separate sites.

This project was under tight schedule due to the OCC having to remain functional throughout the construction process, all of which occurred on time and under budget, with Nilsen successfully handing over the project in December 2018.