

PROJECT FACT SHEET

Customer:

Lend Lease

Project:

Air 7000 Phase 2B - Maritime Patrol Aircraft Replacement Project

Project Profile:

Nilsen were awarded the commissioning of the C-Bus-DALI lighting control system in November 2016 and handed over the project on time and on budget in March 2018.



This national RAAF project essentially focused on replacement of all maritime patrol aircraft and relative training facilities in each state, at state of the art new buildings on existing RAAF bases. The project involved a three stage commissioning project involving C-Bus controls and DALI lighting for aircrew and maintenance crew training, including simulation and lecture theatre/briefing facilities.



The facility was our first 100% LED lighting project, with variations of security levels across the site requiring unique backbone Ethernet-Fibre structure, inclusive of many different lighting types LED high bays, LED panels, LED strips, LED dual colour temperature downlights. We also had multiple AV integration points in each meeting/briefing room to allow for AV control of lighting levels and scenes. Nilsen also provided alternate lighting control system communications cable in conjunction with manufacturer to meet defence standards. Nilsen focused on the installation team, upskilling their technicians to be suitable for the latest required practises. Head end covered integration of all three stages of the project was also maintained from a central location.

Our previous experience allowed us to work with the mid-project requirement to change the scope of the design to suit the required end user functionality by the most efficient means. Working closely with the Contracting team, Networks brought to together the fine details of the design which enabled a streamlined installation across the three separate stages that all had to integrate through one head-end.

This project was completed under strict construction time lines due to each section being secured after completion, all of which occurred on time and on budget.