



Education Northcote High School

The situation

Northcote High School provides education for 1,500 students from Years 7-12. With over 2,000 light fittings throughout the school, it was aware that a considerable amount of its energy expenditure could be attributed to lighting. Both the Principal and Sustainability Manager had a strong desire to improve the energy efficiency of the school and save money on their electricity bills.

The solution

Stage 1

Northcote High opted to upgrade their lighting in two stages. Stage 1 included the gymnasium and external areas. Over 250 littil LED lights were installed; a combination of ARGO Corn Lights, NIMMO Floodlights and FORTIS Tubes. In addition to the savings on energy used, the longer lifetime of 50,000 hrs on our LED lights will reduce maintenance costs by over \$4,600 per annum across both stages.

Stage 2

The second stage of the project will involve the installation of over 530 littil LED FORTIS Tubes into classrooms, corridors, the library and offices. Flickering lights will become a thing of the past and, by replicating natural daylight, the new littil LED lights will dramatically improve the learning environment for both the students and staff.

littil = **big** difference

780

Lights
installed

Saving

\$25,090

per annum

+

Saving

142,346

kg CO₂ per
annum