

Case Study – Under Cover Car Park Lighting



St Andrews War Memorial Hospital – Multi Level Undercover Carpark

In February 2018, over 250 of our Andromeda™ LED luminaires were installed throughout the St Andrews War Memorial Carpark. The result was a comprehensive upgrade, which is now saving the hospital more than \$35,000 per annum in running and maintenance costs.



To further improve energy efficiency, cutting edge motion sensors were connected to our Andromeda™ Linear luminaires throughout the car park to control the output of the lighting. When the luminaires detect motion within 8m they increase to full output, returning to 10% output after 5 minutes allowing the carpark to remain safely illuminated while keeping running costs low.

SUMMARY OF RESULTS

Annual Savings
\$ 37,653

Annual Energy Saving
(kWh)
11,4528.63

Payback Period
1.6 yrs

CO₂ Savings per Year
65.93 tonnes



Incumbent Technology
Single & Twin Fluorescent Troffers
450W Metal Halide



LED Solution
Linear Motion 40W
Flood Canopy 140W