

Channel 7 Docklands, Melbourne

LIGHTING

SUMMARY



NUMBER OF LEDS

753AREAS UPDATED
**STUDIOS, STORAGE
& CAR PARKS**

REDUCED CARBON EMISSIONS

92,374 TONNES

KWH SAVED PER YEAR

144,480 KWH

PREDICTED COST SAVINGS

\$21,258 p/a

Channel 7 is located in Melbourne's Docklands and are at the heart of the latest and breaking news around Melbourne and across Victoria. With a large building, containing a multitude of functionality, they require a range of lighting requirements. Especially in their news studio!

Energy Makeovers were initially contracted to upgrade the car park, but after that project was completed, Channel 7 chose to upgrade further locations. The final project upgraded 753 x 1200mm fluorescent tubes in their studio, storage areas and parking garage. Fluoro tubes are notoriously inefficient, irritating when they flicker and require regular maintenance. **Energy Makeovers supplied and installed 753 LED tubes.**

CHALLENGE & SOLUTION

The Channel 7 studios operate year round, so most of the work Energy Makeovers undertook outside of standard business hours. Careful consideration was given to ensure the angle of existing lights were replicated by their LEDs. They were specifically designed by lighting engineers.

The new LEDs dramatically reduce energy consumption and greenhouse gas emissions, but also create cooler lighting in the studios. The longer life of LEDs – 10 years – means that less disruption is caused by maintaining faulty lights.