

## Case Study

Adelaide Festival Centre, JB Room

King William Road, Adelaide, South Australia



Adelaide Festival Centre's mission is to be the South Australian arts hub and a leading Arts Centre in the Asia Pacific region. As part of that strategy they aim to enhance their activities and overall objectives by developing a more sustainable and responsive financial model.

### THE PROJECT

Adelaide Festival Centre's first priority was to reduce the heat generated by the lighting in the JB Room, and the other common areas and meeting rooms that can be partitioned off.

The ancillary benefit replacing these halogen downlights was the significant energy savings that changing to good quality LEDs can provide.

On inspection of the light to be removed, the wires connecting the fittings were hardened from the heat generated by the lamps, and in some cases, the ceiling area around the fixtures and the outer plastic covering was showing signs of heat damage. Now their concern at the risk of fire made them even more enthusiastic for change.

### THE SOLUTION

Centre Management chose Lumex LED Lighting as their solution. Installation was carried out by local qualified electricians who fitted out 180 NovaLED Downlights throughout the multi-function rooms, ballroom and amenities in the venue.

They chose the Lumex NovaLED for its 7 Year warranty, and for its aesthetics. "It looks like a halogen, so it doesn't change the look of the ceiling. Plus, we were able to work out a payback period of 2 years."



### THE COST SAVINGS

As it is a large venue, the cost of refitting all the down light fixtures will be an expensive exercise. However, by reducing the power consumption by around 80% and virtually eliminating maintenance the Centre was able to confidently forecast a payback period of 2 years. These savings made it a sound financial solution as well as one that improved the comfort and safety of patrons.

### THE FACTS

Replacement of 180 x 58W halogen downlights	Lumex NovaLED 180 x 11W Downlights
Finance Option	2 year payback
Warranty on product	Lumex 7 Year Warranty



### APPLICATION



Meeting Rooms



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### NovaLED Downlights

### LLIN1## Series



Patented low glare lens
Smooth and even dispersal of light
More than 50,000 lamp hours
Low temperature for extra safety
Easily replaces most existing downlights
Dimmable with commonly available dimmers
+/-15° Gimbal Angle
Plug in power supply - 1.5m
White and Satin Silver fixtures
Three light colours
Broad and narrow beams (60°, 38°, 24°)
Full Australian Approvals
<a href="http://lumexlighting.com.au/novaled-downlights/">lumexlighting.com.au/novaled-downlights/</a>