



# LED Lighting Case Study – Commercial Office

Adelaide Football Club, West Lakes SA 5021

17<sup>th</sup> January 2017





# Commercial Office - LED Lighting Installation



## Opportunity:

The Adelaide Football Club made the decision to remodel the existing office space at their West Lakes headquarters, and relocate their administration and commercial teams to a different area due to significant growth. One element that was to undergo significant change was lighting, as the designated space was previously used as a function room, with different requirements to that of a commercial office. The football club firstly consulted with architects and engineers, having plans and specifications drawn up for the re-modelling, so they could put the project out to tender. After a comprehensive selection process, Southern LED Solutions were contracted to supply all the project lighting, and work in with the Adelaide Football Club itself, as well as their preferred Electrical Contractor, regarding project execution.

## Southern LED Solutions Role:

The first step was an overall assessment of the lighting plan itself, as well as a detailed site visit regarding the designated space, to determine the following:

- Type & quantity of light fittings specified Vs Type & quantity of light fittings required (Plans Vs Reality)
- Existing space set-up and how lighting installation would be required to be carried out (suspended Vs recessed fitting type, layout etc.)

The next step was to review all the data gathered, consolidate findings in conjunction with specifications & regulations, and present a proposal to the Adelaide Football Club to consider, regarding LED lighting supply. The proposal outlined the following elements:

- An in-depth understanding of the planned lighting installation & requirements for an office space set up (light levels, glare ratings etc.).
- A proposed LED lighting solution (best-fit) which would provide the optimal result.
- An overview of the proposed fittings (spec sheets).
- A comparison in costing between the originally specified light fittings (by engineer) and Southern LED Solutions own range of fittings (SOLAS).
- Project particulars (e.g. lead times for delivery of fittings).

## Success:

After reviewing the original specifications in conjunction with Australian standards & regulations, Southern LED Solutions proposed an alternative 'best-fit' LED lighting solution, which was accepted by the Adelaide Football Club. This solution involved using all SOLAS light fittings, and saved the football club approximately **\$30,000.00**, a huge advantage which had a significantly positive impact on the overall project budget. The project ran smoothly, and the working relationship between Southern LED Solutions, the Adelaide Football Club, and the electrical contractor was a strong one from project initiation to completion. The newly finished space is now in operation, and page 4 shows the final result which everyone agreed came up a treat !



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## The LED Changeover Detail:

Below is the detail of the LED lighting installation, showing the type and quantity of SOLAS fittings installed.

8 x 13W COB recessed LED Downlights (Low Glare)



4 x 10W SMD recessed LED Downlights

11 x 35W COB recessed LED Downlights (Low Glare)



83 x 36W Suspended UGR<19 LED Extrusion Lights (Suspended & Interconnectable)

10 x 40W UGR<19 recessed LED Panel Lights (600x600)



19 x 48W UGR<19 recessed LED Panel Lights (1200x600)

22 x 40W UGR<19 LED Panel Lights (1200x300) Recessed & Suspended



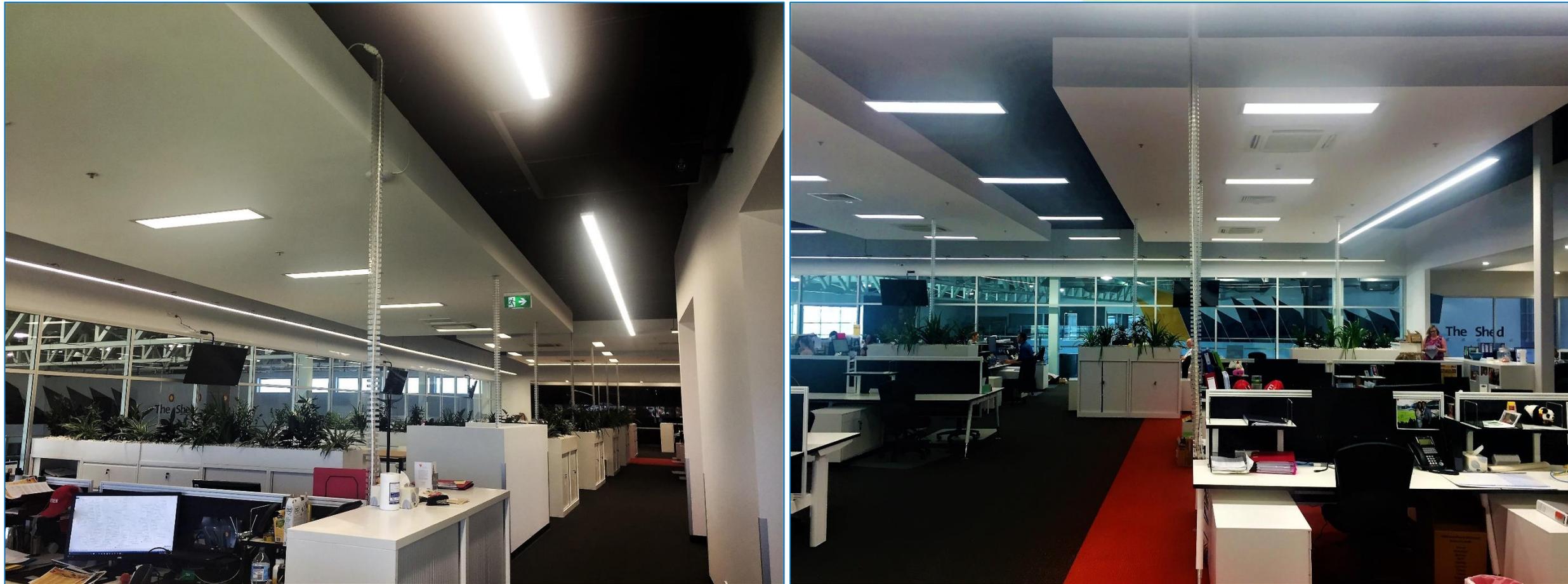


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## The Result:

Below is a snapshot of what the Adelaide Football Club administration office looks like in operation, with all SOLAS LED lighting products installed.





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## The Result:

Below is a high level summary of the specified LED light fittings Vs installed SOLAS LED light fittings.

Specified LED Lighting		SOLAS LED Lighting	
No. Of Fittings	92	No. Of Fittings	122
<b>Difference = 30</b>			
Supply Cost Savings		<b>Difference = \$31,018.81 (Savings)</b>	
Even though more fittings were used in the end (required to achieve required light levels), huge savings were achieved by going with an alternative LED lighting solution using SOLAS fittings. This allowed the AFC to upgrade other areas of the office space (not in original plans) which was another long term advantage achieved by engaging Southern LED Solutions.			

## Client Testimonial – Rob Chapman (Club Chairman):

*"We recently engaged Southern LED Solutions to supply all the light fittings (LED across the board), for our newly completed office space, which houses our administration and commercial teams.*

*Not only are we rapt with the outcome and how great the space looks, we are impressed with how professional they have been throughout the whole process, from initial proposal stage to delivery. Their attention to detail regarding our key drivers for the project, in terms of lighting, was second to none, and the fact they managed to reduce our overall spend in this area by approximately \$30K, from what the original specifications showed, is a benefit which has impacted our bottom line in an extremely positive way.*

*I have no hesitation in recommending Southern LED Solutions, to any business looking to go with LED lighting, and can honestly say, that it was very refreshing working with a supplier who took the time to propose the best-fit solution for us, and not just the most expensive one."*

# Contact

For any questions or queries regarding this case study please don't hesitate to contact:

Damian Scanlon (Director)

 0407 976 178

 [damian@southernledsolutions.com.au](mailto:damian@southernledsolutions.com.au)

Simon McCue (Director)

 0417 847 047

 [simon@southernledsolutions.com.au](mailto:simon@southernledsolutions.com.au)

*“We look forward to partnering with you for all your LED lighting needs”*

