

The Philips logo is displayed in a white rounded rectangle on a purple background. The word "PHILIPS" is in blue, bold, sans-serif capital letters.

Office & industry lighting

Aurecon offices  
Sydney



Our stories

# Lighting that creates workplace wellbeing

See how lighting helped to create the ultimate future-proofed workspace.

Landfill

Paper



# The perfect balance between **energy efficiency and controllability**

## **Client**

Aurecon Group

## **Project**

Aurecon Group office refurbishment

## **Project Partners**

Aurecon, futurespace

## **Location**

Neutral Bay, Sydney, Australia

## **Philips Solution**

PowerBalance 2.0 (RC600B)



**Aurecon is a global consultancy that provides engineering, management and specialist technical services for public and private sector clients.**

Remaining largely untouched for more than 20 years, Aurecon undertook a complete refurbishment of their Sydney offices in consultation with interior design and architectural studio, futurespace, to better enable their workplace to support their future business.

Aligning with Aurecon's safety and environmental standards with the built environment and a focus on healthy working, the new workplace was seen by Aurecon as a great opportunity to communicate and demonstrate Aurecon's leadership in delivering leading and global engineering design solutions.

The Aurecon project team singled out the Philips PowerBalance recessed luminaire, citing a balance between energy efficiency and controllability. From a workplace comfort perspective the lighting quality and uniformity, glare control and lux levels all factored in the lighting design choices.

**“ The vision we have for our clients’ projects is now reflected in our own space: in our design choices, our technology choices and our lighting choices.”**

**Matt Magraith  
Technical Director,  
Buildings at Aurecon Group**



# The project

For Aurecon, the refurbishment meant more than an upgrade of inefficient legacy fittings; it has enabled Aurecon to create a workspace that will support the business and its 450 employees in Sydney to 2020 and beyond.

With the refurbishment work having been undertaken with Aurecon in occupation the construction work required careful coordination between Aurecon, the design and construction teams and suppliers during the staged refurbishment process.

“Working with trusted partners also allowed us to reduce risk. Philips as a company is recognised for its heavy investment in research and development and for this reason we knew we would be assured of the highest quality and latest LED technology innovations,” Matt Magraith, Technical Director, Buildings at Aurecon Group said.

Spanning an area of more than 5,800m<sup>2</sup>, a total of nearly 400 PowerBalance LED recessed fittings, customised with air intake/ air return vents, were installed to provide a uniform light across the open plan workspaces.



# The benefits

The PowerBalance luminaires allow for energy savings of up to 75 per cent compared to the legacy 2 x 36W T8 fittings as well as reduced operational costs with a service life of more than 50,000 hours compared with around 15,000 hours for conventional solutions.

The luminaire’s exceptional light quality is achieved through the high-quality LEDs paired with highly reflective Smart Pyramid Optics (SPO), which provide excellent light control, distributing the light evenly around the space.

Aurecon Facilities Manager Rosie Chapman considers the sizeable savings afforded by introducing LED technology and the increased flexibility to meet the day-to-day requirements of the staff. “Our office gives us the capacity to reduce our environmental footprint and our costs. One of our top ten achievements through the refurbishment was the introduction of LED lighting – it is our first major installation of LED lighting in Australia and incorporates a zoned DALI sensor lighting system, which has reduced lighting consumption by up to 75 per cent, as well as providing greater flexibility”.

Through the refurbishment Aurecon’s Sydney office has aimed to achieve a Green Star Interiors PILOT rating of 4 Stars, considered the nation’s best measure of a workplace’s comfort, energy performance and sustainability.

The introduction of energy efficient LED luminaires is acknowledged as having made a significant contribution towards a potential Green Star rating. However energy efficiency was not the only criteria that determined luminaire selection for the fit out. Functionality and aesthetics were considered equally important by the project’s working group.

“Our Sydney office is now a place where we are proud to bring clients; our workspace reflects the vision we have for our clients’ projects,” Matt Magraith said.

“In our industry, you’re only as good as your last project and for us, the Aurecon building refurbishment is a showcase of our expertise in electrical engineering, lighting design, installation and project management as well as procurement”.

**“ Our workspace reflects the vision we have for our clients’ projects.”**

**Matt Magraith**  
**Technical Director**  
**Buildings at Aurecon Group**



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