

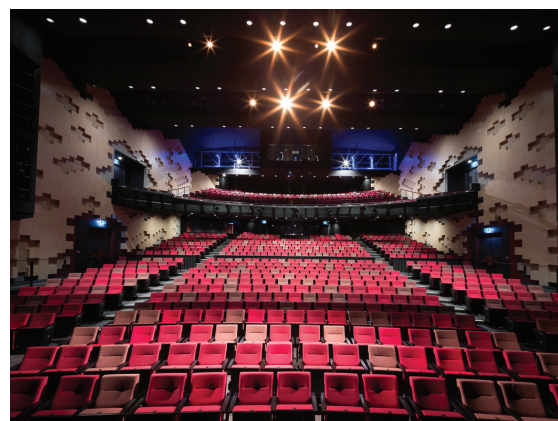
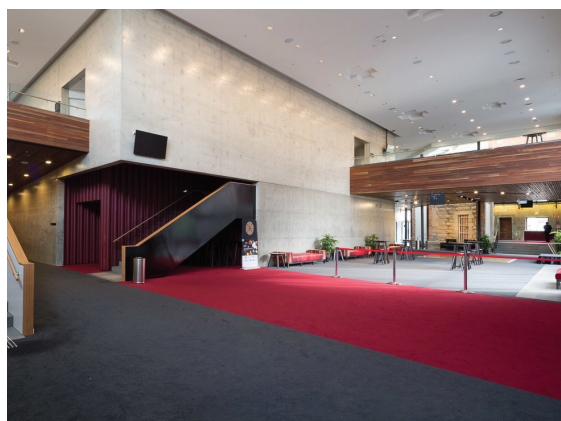


*Images by: Blue Tree Studios*

## Ulumbarra Theatre, Bendigo.

The Ulumbarra Theatre - meaning 'gather together' and 'meeting place' in the language of the Dja Dja Wurrung people - is today one of the largest regional theatres in Australia. The \$26 million project was built on the site of the former Sandhurst Gaol in Bendigo, incorporating the historical features of the original prison, commissioned in 1861. The adaptive reuse of the unique heritage site has resulted in a new state-of-the-art 1000 seat theatre complete with a fly tower, together with music, dance and drama studios, learning rooms and beautifully landscaped outdoor areas. The City of Greater Bendigo appointed **Y2 Architecture** as the principal design consultant and **ADP Consulting Engineers** to design the building services.

The lighting schedule included a selection of energy efficient LED luminaires for indoor and outdoor applications. The ERCO Compact LED lens wallwasher was chosen to evenly illuminate the 12-metre wall in the main foyer, while the Trilux Amatrix LED recessed downlights provide the general illuminance over the floors. The engineers specified the ERCO Logotec spotlights within the second foyer, where the ceiling features a slatted timber paneling and accent lighting is applied over key elements and furniture. The ERCO Double-Focus downlights are cleverly used within the performance theatre. The luminaire's darklight reflector maximises visual comfort without compromising the high lumen output. The wide beam distribution of the Double-Focus downlight easily achieves the required lighting levels over the auditorium.





The gaol's original plan included two cell wings, the Marong and Sandhurst cell blocks. The architects turned the gaol's main entrance into a side entrance from an outdoor courtyard and created a doorway at the far end of the old Marong wing, which is now the Ulumbarra Theatre's main entrance.

The Marong prison cells were retrofitted to function as ticket box offices, cloak rooms and other amenities and utility rooms. The corridors in both wings are carpeted at the edges, but the main walkway is paved with bluestone; to illuminate these corridors without alterations to the old structure, the designers specified the Trilux Deca W2 Wall Lights.



The classic square design of the Deca LED luminaire creates a balance between the old and the new elements, producing a subtle illumination along the historic passageways into the new building. Walking along the second foyer, patrons can access the theatre's cafeteria, which is illuminated with Trilux Amatrix downlights and Solvan linear recessed luminaires with opal diffuser. In the dance rooms, theory rooms and learning rooms the Solvan continuous recessed luminaire was specified in different wattages and customised lengths to suit the function of each room.



In the dressing rooms, the Trilux Fidesca ceiling panels produce a homogenous general lighting over the horizontal planes, while the Trilux 6651 Mirror lights create a subdued glow that increases the lighting perception over all vertical surfaces in the room. The luminaires high colour rendition provides a comfortable visual environment that is essential for the artists to easily work and prepare themselves before and in-between stage performances.



For the outdoor lighting, a series of WE-EF VFL530 LED Street and Area lights illuminate the theatre's landscape and exterior grounds. The engineers' lighting design is consistent with the application of vertical illumination over the building's facade. To integrate the dynamic of colour-changing scenes to the lighting system, the designers specified the Megabay Viento XT RGBW to wallwash the gaol's original external walls on each side of the main entrance and create a focal point. A WE-EF FLC200 luminaire is mounted on a light pole to project the Ulumbarra theatre's logo over the colourful sandstone wall, adding that extra scenic element to the exterior lighting system.



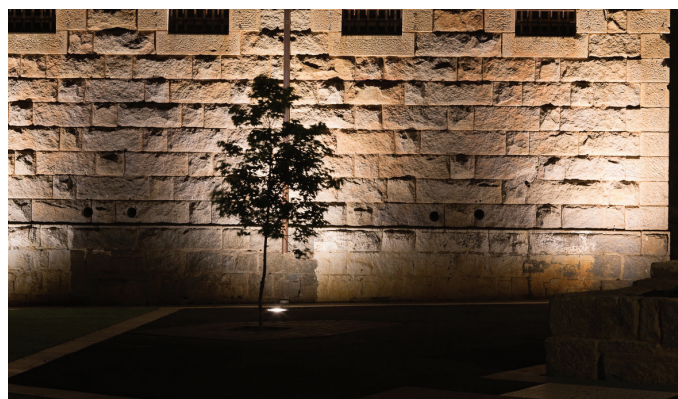
Inside the building grounds, WE-EF ETC320-FS are installed along the theatre's walls to emphasise the texture and earthy colours of the sandstone bricks. The application of indirect lighting creates sufficient illumination for visual orientation and the safety circulation of patrons around the building gardens and landscapes at night time.



The Ulumbarra theatre represents the success of modern architecture that focuses in sustainable design by blending the best of the old and the new. By implementing the principals of architectural lighting and LED lighting technology, the designers guarantee a positive investment in quality and energy efficiency for the theatre's future.

For more project images, please visit **Buckford Website**.

The B.I.G. Team



**Compact LED**

[Product information >>](#)



**Deca W2**

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**Logotec**

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**Amatrix**

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**6651 Mirror Light**

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**VFL500**

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**ETC300**

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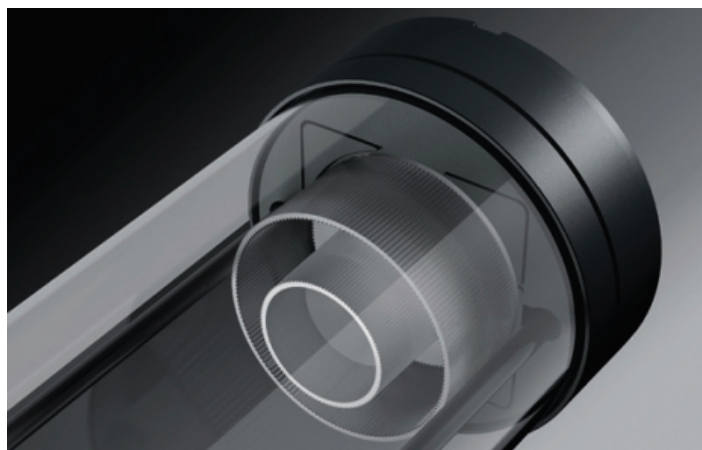


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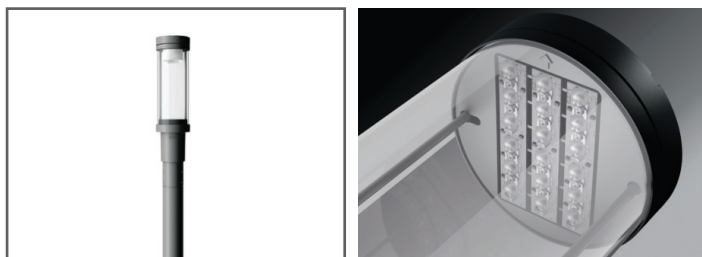


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