



The Ballarat Mechanics' Institute - Facade Lighting

The Ballarat Mechanics Institute (BMI) is one of the most beautiful and prestigious heritage buildings in the heart of the Ballarat CBD, along with Her Majesty Theatre and the Ballarat Art Gallery. Since 2013, the institute has been under major restoration works. Last November 2016, **Quadratum Architecture + Conservation** was appointed by the City of Ballarat to continue restoration works that will include a new outdoor lighting system to bring the newly refurbished BMI facade to life after dark. The three storey heritage landmark is beautifully illuminated with WE-EF FLD100 LED projectors. The small luminaires blend discreetly into the classical style of the building, highlighting specific architectural details and decorations of this elaborate facade.

The WE-EF luminaires were specified in 6W LED 3000K colour temperature and with three different light distributions. FLD111s with very narrow beam distributions are used on the first and second floors to highlight the walls and columns between the windows. Two projectors with an asymmetrical wallwash distribution are used to accentuate the scalloped niche above the balcony on the first floor, while another two projectors with a linear spread lens are used to spotlight the sculpture of the Greek Goddess Minerva crowning the historic building.



Established in 1859, the BMI is home to a large collection of heritage books, journals and newspapers. The collection includes an archive of records and objects dating from c. 1857. Since 1859 the building has been used for balls, lectures, markets, cinema, library, concerts and cultural events.

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The B.I.G. Team



FLD100 Projector
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St. Mary's Church, Thornbury

The St. Mary's Catholic church in Thornbury undertook a magnificent architectural renovation in 2013. The works included the upgrade of its lighting system to the latest LED technology.

The Parish of St Mary's appointed **Paolo Paniezze Architects** to deliver a new interior by restoring the walls and ceiling to its formal heritage glory. The ceiling, once covered, is now exposed and refurbished. The warmth hues and texture of the solid timber are emphasized by a soft light washing with LED spotlights, mounted on a 3-circuit track. ERCO Optons and Lightboards were selected by the designers to provide the required lighting levels, creating contrast and depth within the large space without the discomfort glare associated with standard track fixtures.

ERCO Optons in 24W with oval flood distribution are mounted to the side walls to uplight and graze the timber ceiling. Opton 24W and Lightboards in 48W, both with wide flood distributions and in black colour finish are mounted to the ceiling trusses and provide the general illumination over the nave area. A series of Opton spotlights - from 12W to 24W - with Spot and Narrow Spot distributions are used to add accent lighting by highlighting key elements, such as the baptistry, the ambo and holy images in the altar. All luminaires were specified in 3000K colour temperature.

For more information on this project or for luminaires samples, please contact the Buckford office.

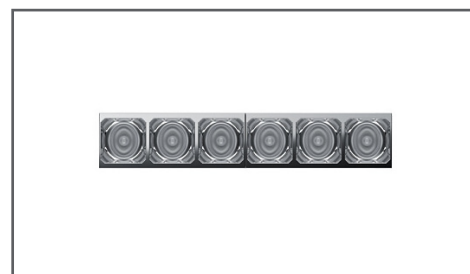
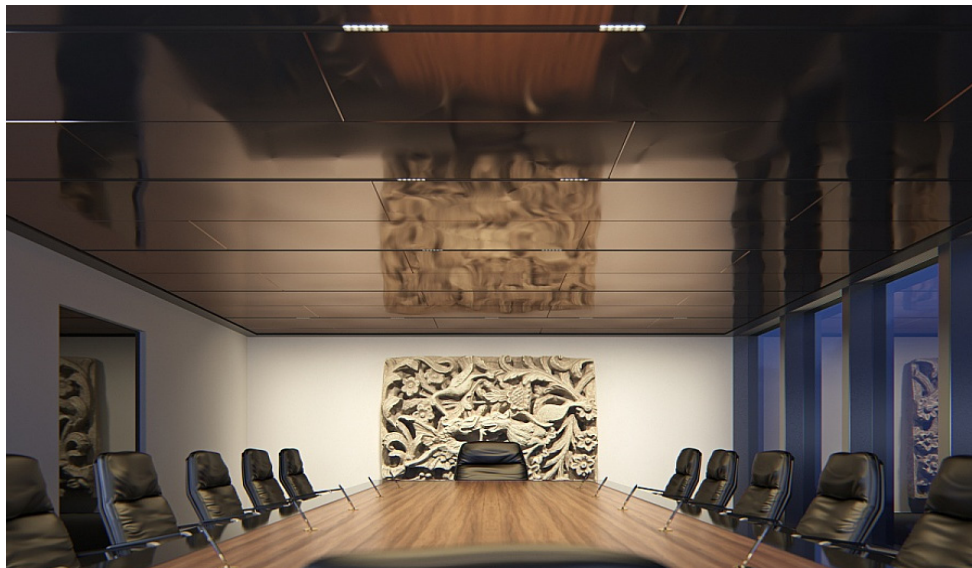


Lightboard Spotlights
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Opton Spotlights
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The New ERCO Compar LED Downlight - Powerhouse for linear aesthetics



The new Compar recessed downlight gives architects, lighting designers and engineers broad scope for creative precision: With this range of innovative recessed luminaires, ERCO has extended the spectrum of round and square recessed lighting tools with a striking linear design. The slim luminaires - available from a width of 52mm - offer a subtle decorative detail in the ceiling whilst providing extremely efficient lighting tools with high standards of visual comfort. Variable light distribution options for differentiated general and office lighting make Compar an ideal solution for any high-quality architectural environment. The new oval wide flood light distribution developed by ERCO meets the requirements of glare control for office projects (UGR<19). Compar is an aesthetic alternative to conventional linear luminaires and fluorescent lamps, making it superb for individual, ceiling-integrated lighting concepts in administration buildings, restaurants, cultural facilities and offices.

Compar LED Downlight
Product information >>>

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Our mailing address is:

Buckford Illumination Group
PO Box 609
Port Melbourne, VIC 3207

Phone: 03 9646 8201

Email: sales@buckford.com.au

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