



23 National Circuit, Barton ACT

CASE STUDY

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COMMERCIAL

THE CLIENT

23 National Circuit is a commercial office building located in the heart of Canberra, owned by DOMA Group.

Supplier: Evolt Pty Ltd



LOCATION

23 National Circuit, Barton ACT



TYPE

Wired



SCALE

4500 sqm



FITTINGS

Over 500 Ektor luminaires

PROJECT OVERVIEW

Affectionately nicknamed “The Treehouse”, 23 National Circuit is Canberra’s first cross-laminated timber (CLT) office building. The Client will occupy the top floor (six storeys) of the building, which sits within a precinct of innovative new offices – across the road from the Realm Precinct and next to the Little National Hotel. Acting ‘like a lantern’ in Barton, the choice of lighting both from aesthetic and functional perspective was critical in achieving this vision – to blend seamlessly with the large sections of floor-to-ceiling glazing and highlighting the timber structure within the building itself.

KEY STAKEHOLDERS

S4B STUDIO	Electrical engineer
STEWART ARCHITECTURE	Architect
MARTIN DONNELLY	Contractor
DOMA	Builder
S4B STUDIO	Commissioning
EVOLT PTY LTD	Supplier

PRODUCTS MIX



BLINE 5690D

Suspended linear extrusion



MERCURY

Exit Sign



NANO 15R

Nano extrusion



RAZOR PRO

Professional 24M Exit Sign



UMBRA PRO IP65

Weatherproof batten



LED FIRE ADVANCED

Emergency LED



SAPPHIRE

Commercial Downlight



LED FIRE SM ADVANCED

Surface Mounted Emergency LED





RESULTS & BENEFITS

LINEARS WITH INTEGRATED SENSORS AND EMERGENCY

Having sensor and emergency integration drastically reduces labour required to install, whilst maintaining the minimalist and industrial aesthetic of the office space ceiling on each floor.

COMMERCIAL LOW-GLARE DOWNLIGHTS

Ektor Alte low-glare downlights, designed for functional areas such as bathrooms and entranceways, provide uniform illumination while reducing eye strain, ensuring a comfortable and practical lighting solution.

AUSTRALIAN-MADE EXCELLENCE

Designed, engineered, and manufactured in Australia at Evolt Manufacturing, Ektor's lighting products deliver the perfect balance of performance and pricing. The ability to tailor solutions, such as pendant linears with concealed connections, ensures competitive costs without compromising quality. Local manufacturing provides exceptional logistical support, enabling quick delivery and efficient shortfall recovery when required.

NON-PROPRIETARY, RELIABLE SYSTEMS

The commitment to DALI2 compliance ensured smooth integration with zencontrol, providing confidence in the system's reliability and adaptability for future upgrades.

AESTHETIC AND TECHNICAL BALANCE

The BLINE 5690D suspended linear extrusions feature dimmable up/down light controls, balancing design aesthetics with user functionality, providing architects and end-users with versatile lighting solutions.





23 National Cct is targeting a **6 Star Green Star** and **5.5 Star NABERS** rating.

CONCLUSIONS & LEARNINGS

The 23 National Circuit project highlights how Ektor, backed by Evolt's Australian manufacturing and technical expertise, delivered tailored, efficient lighting solutions that met the client's exacting standards. By integrating advanced DALI2-compliant technology and prioritising design flexibility, the project successfully balanced aesthetics, functionality, and sustainability, setting a benchmark for innovative commercial lighting.

Ready to explore advanced lighting solutions for your next commercial project?

Contact our team to learn more about Ektor's range of commercial lighting options, supported by Evolt's manufacturing excellence.