



**NDYLIGHT**  
LIGHTING DESIGN

Public & Urban Capability Statement



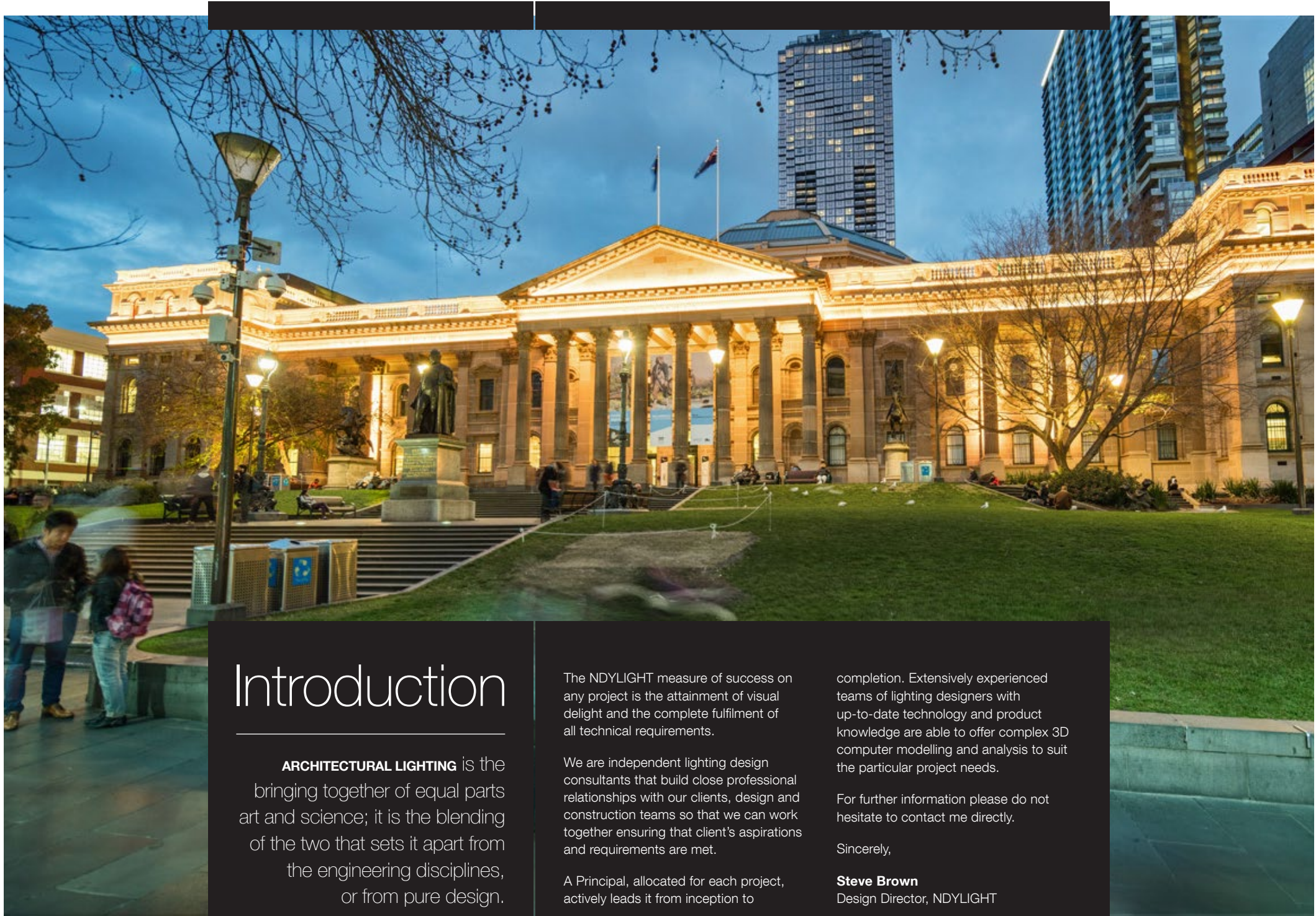
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Cover photo: South Australian Health & Medical Research Institute, Adelaide, Australia  
Above photo: Adelaide Oval, Adelaide, Australia





# Introduction

**ARCHITECTURAL LIGHTING** is the bringing together of equal parts art and science; it is the blending of the two that sets it apart from the engineering disciplines, or from pure design.

The NDYLIGHT measure of success on any project is the attainment of visual delight and the complete fulfilment of all technical requirements.

We are independent lighting design consultants that build close professional relationships with our clients, design and construction teams so that we can work together ensuring that client's aspirations and requirements are met.

A Principal, allocated for each project, actively leads it from inception to

completion. Extensively experienced teams of lighting designers with up-to-date technology and product knowledge are able to offer complex 3D computer modelling and analysis to suit the particular project needs.

For further information please do not hesitate to contact me directly.

Sincerely,

**Steve Brown**  
Design Director, NDYLIGHT





# Our purpose, vision & values

**OUR PURPOSE** is making spaces work.

**OUR VISION** is to enhance the lives of others, by engineering outstanding projects, mindful that every project matters.

To sustain deep and trusting relationships with our clients, through solving their problems and serving them with utmost reliability, and

To engage our people with meaningful, rewarding and inspiring opportunities.

**EXCELLENCE**  
do it once, do it well

**INNOVATION**  
inspired creativity to challenge the norm

**COLLABORATION**  
listen, share and contribute

**LEADERSHIP**  
lead in our profession, industry and the community

**INTEGRITY**  
treat others as we wish to be treated

**ACCOUNTABILITY & OWNERSHIP**  
understand the impact of our actions and own the outcomes



# Total lighting consultancy

NDYLIGHT offer **TOTAL LIGHTING DESIGN CONSULTANCY** from the site planning stage at the outset of the project through the daylight design, interior and exterior lighting designs and to the construction and commissioning stages.

Our approach is holistic – we consider a building's 24 hour use and appearance. Our designs are highly integrated into the architectural and interior designs and push boundaries with regards to the technologies and energy use.

With strong research and development drive, we remain at the forefront of available technologies. Careful selection of the correct equipment in terms of performance and optical quality ensures that the right levels of light are delivered where and when they are required. Suitable control system selection also allows lighting to provide maximum flexibility and energy efficiency, whilst retaining creative, quality design.

Our award winning projects and repeat clients are testimony of our success over the last 25 years.







# Our lighting capabilities

Lighting design is **EQUAL PARTS ART AND SCIENCE**. NDYLIGHT is able to assist clients with a wide range of lighting-related matters.

- Lighting design
- Light modelling
- Lighting audits
- Luminaire design
- Urban art
- Light pollution studies
- Environmental impacts
- Lighting refurbishments
- Lighting strategy across multiple portfolios and sites
- Daylighting
- Roadlighting
- Sportslighting
- Expert witness or opinion





## Shining a light on sustainability

At NDYLIGHT, **SUSTAINABILITY IS IN OUR DNA**. It's not an 'add-on' but an intrinsic part of everything we do. We're committed to lighting solutions that contribute to a sustainable future – because we know that sustainability is not only better for our cities and communities, but also for our clients.

Lighting consumes 19 per cent of the world's electricity. NDYLIGHT understands how the right lighting design is not only more economical and environmentally-sustainable.

Good lighting can reduce absenteeism and workplace accidents, enhance productivity, health and wellbeing, boost learning and improve patient outcomes. Smart, sustainable lighting solutions can also slash energy usage – and energy costs too.

At NDYLIGHT, we practice what we preach. We have attained global ISO14001 accreditation, we report annually on our own corporate sustainability initiatives through the Global Reporting Initiative (GRI) framework, and our Australian offices are either certified or registered for Green Star and NABERS ratings.

We design our projects to comply with the Building Code of Australia and the Green Star rating system, where appropriate.

Lighting technology moves at a rapid pace – and with those advances come greater complexity. We believe that the best creative solutions are found when we work together with a project's design team, architects, planners, developers and engineers – and by collaborating from the initial planning right through to construction phase.

We've helped our clients to achieve significant financial savings, and we continue to develop efficient, cost-effective lighting solutions that deliver on the 'triple bottom line' of environmental, economic and social sustainability.



Steve Brown

**Director, NDYLIGHT**



Steve is one of Australia's most experienced Lighting Consultants, he has been actively engaged in the design of lighting for buildings and spaces for 29 years. His reputation is founded on broad experience, application of technical skill, project management ability and attention to detail.

Steve's portfolio includes some of Australia's largest commercial building projects, these include Crown Entertainment Complex, Melbourne Cricket Ground, National Gallery of Victoria, National Museum of Victoria and National Museum of Australia. He has also designed landmark projects in the UK, Hawaii, UAE, Macau, Japan, Singapore and China.

#### **QUALIFICATIONS**

- IES Lighting Course
- Graduate Diploma of Building Services Engineering
- Diploma of Electrical Engineering
- Consulting Practice & Management Programme
- Internal Auditing of Quality Systems (QAS)

#### **AFFILIATIONS**

- International Association of Lighting Designers (Board Member, President and Regional Coordinator for Australia & New Zealand)
- IES: The Lighting Society
- (Fellow, CMC Member & Board Member)
- CIE Australia Member

Nicholas Burnham

**Design Principal**

**Senior Associate**



With a background in product, furniture and luminaire design, Nicholas spent 3 years at a large award winning London based Architectural Practice as an Associate assisting in visual planning and coordination of material finishes, services, new technologies and lighting. Since returning to Australia he has spent 9 years as a dedicated lighting designer and project coordinator as part of the NDYLIGHT team in Melbourne.

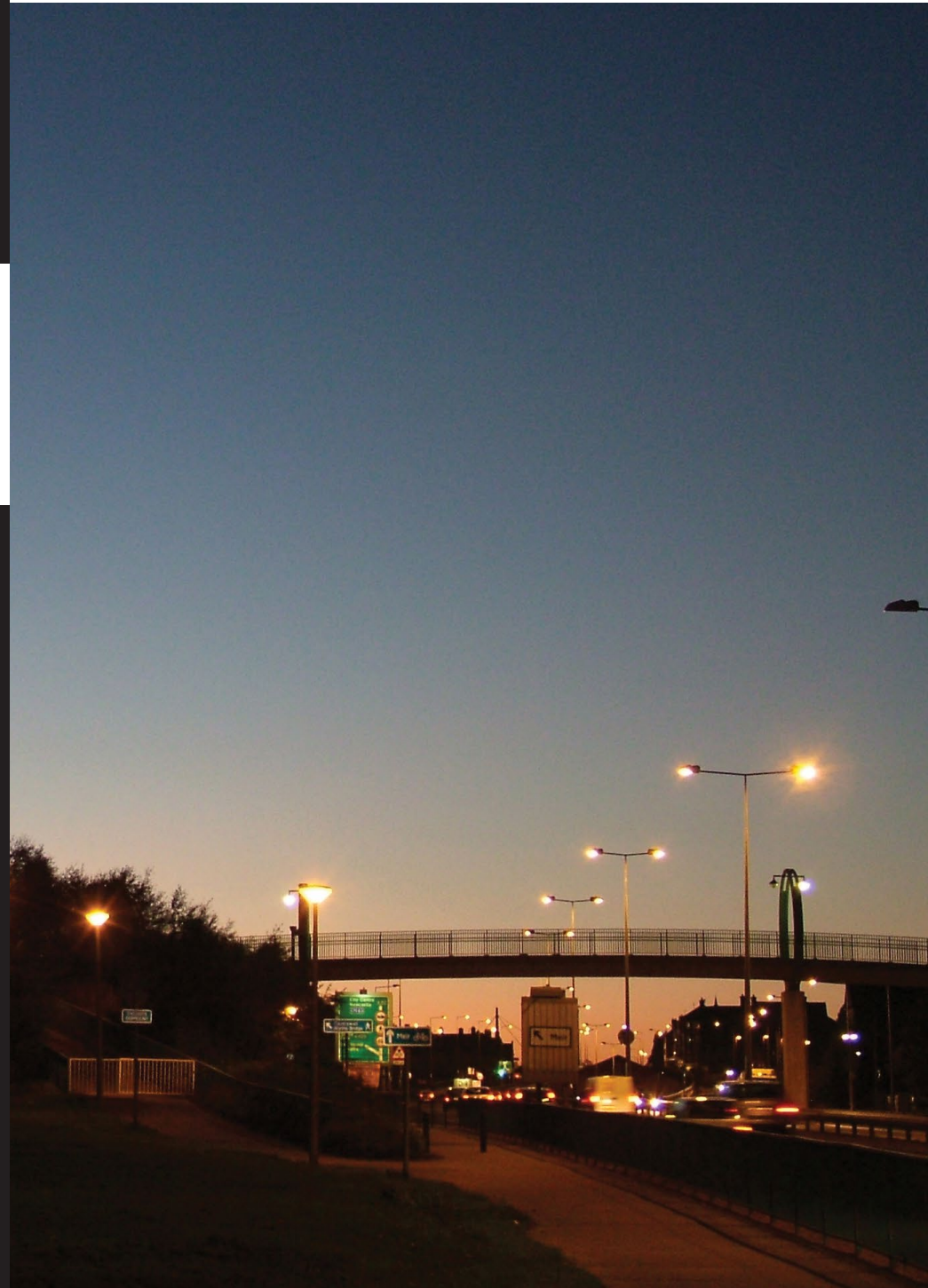
Nicholas has consulted on a range of projects throughout Europe, Asia and now Australia and has been involved in the development of lighting systems, custom luminaire design, new technologies, architectural integration and lighting control design with an emphasis on innovation and green standards. Nicholas is able to offer clients an innovative interpretation in the use of light as both a functional and an artistic medium.

#### **QUALIFICATIONS**

- Bachelor of Design - Industrial Design (Distinction)
- Graduate Diploma of Electrical Engineering (Lighting)

#### **AFFILIATIONS**

- Associate Member, IALD







Aviva Gunzburg

**Lighting Designer**



With a background in industrial design, Aviva has developed her technical and spatial skills in the Building Services environment. Working as a multi-discipline design drafter for a number of years served to create a solid understanding about how buildings work and services are coordinated.

Lighting Design is something that Aviva is extremely passionate about. Her philosophy is that a well-designed lighting scheme will not only enhance the architecture, but also will improve occupant happiness, and provide energy efficiency. Using her technical knowledge and working in conjunction with the designer, environments are created where light is key but light fittings are not.

Aviva's 11 years of lighting experience is broad as she has undertaken projects as diverse as commercial foyers, reception areas and office lighting, to restaurant, retail and domestic lighting, as well as landscape and area lighting.

**QUALIFICATIONS**

- › BTech Industrial Design (Monash University)

**AFFILIATIONS**

- › MIES, IESANZ

Glen Thompson

**Sydney Studio Manager  
Senior Lighting Designer**



Starting his career as a CAD operator for eight years then moving to be a practicing lighting designer for over 8 years provides Glen with strong knowledge both in design and project management. A strong focus on attention to detail gives Glen a strong understanding of the what, where and how in his designs. Glen strives to provide innovative solutions to meet his client's needs and budget.

Glen's portfolio covers a broad array of sectors from commercial, entertainment, educational, health care to exterior facade lighting. As lead designer on a landmark project Glen and the design team won a "Good Design Award" for innovation in design in 2018.

**QUALIFICATIONS**

- › GradCer. Design Science (Illumination)





## Our key differentiators

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- Offices with design and support staff in Melbourne, London and Sydney
- Established quality assured procedures for design solutions
- Experienced staff with proven ability and skill
- Documentation, quality control, contract administration and commissioning
- Internal Lighting Metric of Quality guidelines for setting design standards
- Commitment to determining and fulfilling the needs of the client
- Revit documentation
- An international R&D committee to develop and set design standards, research new technologies, and create a knowledge base for future reference.
- Thoroughly researched and tested design solutions in accordance with international standards
- In-house project management tool (Cube)



## Bentleigh Streetscape

### MELBOURNE, AUSTRALA

**Client:** City of Glen Eira

**Architect:** HASSELL

#### ABOUT THE PROJECT

NDYLIGHT worked with the HASSELL Landscape Design team as well as the City of Glen Eira to develop the lighting concepts as part of the upgrade of the Centre Road Bentleigh upgrade.

The lighting elements of this upgrade focused on the installation of new white Metal Halide street lighting to the 3km section of Centre Road and the integrated architectural lighting to the new 'Community Hub' spaces.

These spaces were designed effectively as breakout locations within the shopping precinct for pedestrians to sit and relax in during the day and with increased lighting levels at night feel more comfortable at night.

The use of slender lighting columns that cast a sculpted raking light across the landscape worked with the lineal flow of the landscape design which was then reenforced by the use of linear glowing LED strips in the textural ground plane and concealed cold cathode under the bench seating.





## Deakin University - Main Spine

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### MELBOURNE, AUSTRALA

**Client:** Deakin University

**Architect:** Rush Wright

### ABOUT THE PROJECT

The Central Spine is the primary pedestrian route through Deakin University's Burwood campus and a destination for activities such as Open Day, Orientation Week, student functions and market stalls.

Deakin University engaged Rush/Wright Associates to review the existing landscape structure of the Central Spine in 2010, and provide recommendations to inform future refurbishment. The objective was to improve the physical campus environment to assist in providing a friendly, contemporary and distinctive campus and a preferred choice for students and staff.

NDYLIGHT were engaged in early 2013 to provide lighting for the Central Spine, and to create an innovative and environmentally responsive lighting solution.

The installation uses dimmable flatpanel LED luminaires linked to solar cells atop customdesigned poles. The intensity of the LED panels vary to allow for decreased light levels outside university operating hours. The flat panels produce excellent coverage with minimal glare.

Additional low level lighting is used around the site to create pockets of interest in the landscape, and even allow snatches of colour to be used for themed events such as Orientation Week and public holidays.







## Ovens Riverside Precinct

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### **MELBOURNE, AUSTRALIA**

**Client:** Rural City of Wangaratta

**Architect:** HASSELL

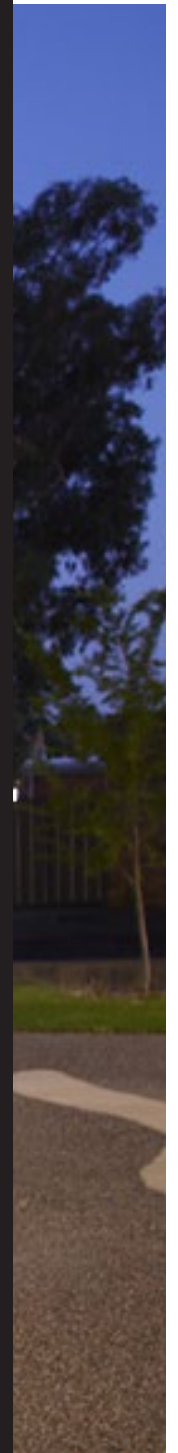
### **ABOUT THE PROJECT**

NDYLIGHT are working with the Hassell landscape team and the Rural City of Wangaratta on the Ovens Riverside Precinct. This proposed rejuvenation forms a major part of the Council's 2030 Community Vision. A key element of the design is to provide additional infrastructure and functionality for the Wangaratta Jazz festival, which occurs once a year in the City.

The design for this precinct was developed as part of a Council led competition whereby NDYLIGHT and the Hassell team developed a system of raking off angle custom poles with integrated lighting to sculpt the light along the boardwalk, and make it part of the landscape rather than a secondary layer.

The rusted Corten steel poles sprout out of the riverside embankment at odd angles and then fold to arc over the new pedestrian boardwalk. Placed at varying intervals to increase and decrease the rhythm of the space, the light then amplifies and diminishes the lighting intensity in key areas leading to a crescendo at the central plaza.

At this central plaza space, taller tree-shaped poles with multiple spotlights cast textured light across the space to create a dynamic and layered experience. Additional concealed lighting within seating elements and community spaces highlights these as key locations and comfortable spaces for residents and visitors to relax.





## Royal Children's Hospital

### MELBOURNE, AUSTRALIA

**Client:** Lend Lease

**Architect:** Bates Smart, Billard Leese, LDP

### ABOUT THE PROJECT

As part of the Royal Children's Hospital development on Flemington Road, Melbourne, NDYLIGHT worked with the Architectural and landscape design teams to develop the external and precinct lighting strategy for the site.

This strategy had multiple functions and requirements above and beyond appearance. External analytical CCTV systems around the IPU spaces required specific lighting levels out into the parkland beyond while other systems required high vertical levels in specific spaces to ensure that security systems appropriately identified threats.

Beyond this, the design had to maintain high quality appearance and strong visual outcome to enhance the building and its surroundings as they merge into the Royal Park precinct.





Latrobe Institute  
of Molecular Science

**MELBOURNE, AUSTRALIA**

**Client:** Latrobe University

**Architect:** Lyons

**Landscape Architect:** Rush/Wright

**ABOUT THE PROJECT**

As part of the greater LIMS project, NDYLIGHT worked with the landscape team from Rush Wright and the architectural team from Lyons to develop and deliver the external and public realm lighting strategy to the building.

With three separate but connected public spaces and key night time public egress routes, care was taken to ensuring that main pedestrian [pathways] were appropriately illuminated.

Both high, medium and low height architectural pole elements were used for both function and feature purposes with these fittings sculpting light across the ground plane.

In key landscape spaces, integrated concealed lighting highlights specific areas and articulates the way the landscape responds to the building.





## 4 National Circuit

PUBLIC REALM

### CANBERRA, AUSTRALA

**Client:** ISPT

**Architect:** Kender Katsalidis

### ABOUT THE PROJECT

As part of the 4 National Circuit site in Canberra, NDYLIGHT worked with the architectural team from Fender Katsalidis and the landscape team from Oculus to develop the public realm lighting strategy to the precinct.

In a facility with high profile tenants and significant external security systems, lighting was very important from a visual and security point of view.

Sculptural light element poles were utilised to deliver the required functional light as well as articulate the light on the ground plane. Localised lighting integrated into specific areas of the landscape provides localised highlights.







Image courtesy Coslee Photography

## Olympic Park Redevelopment

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### **OLYMPIC BOULEVARD, MELBOURNE**

**Client:** Melbourne & Olympic Parks Trust

**Architect:** Cox

### **ABOUT THE PROJECT**

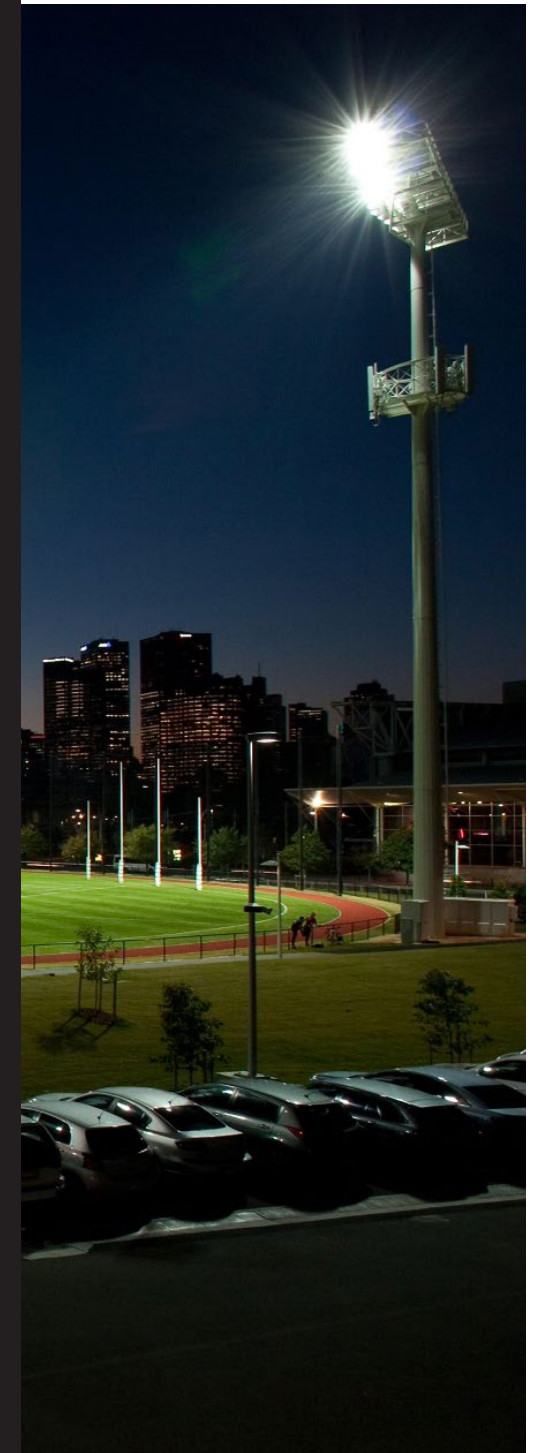
Olympic Park's AFL training ground, public sport and recreation space is the latest phase in the site's considerable history.

The \$11m redevelopment by Melbourne & Olympic Parks Trust includes a running track around the oval's perimeter. The facility is a benefit to the many joggers who frequent the nearby Botanical Gardens 'Tan' track and Yarra River paths.

Olympic Park Oval remains public parkland, and is available to the general public during times when the fields are not being used for official training sessions by Collingwood Football Club.

NDYLIGHT was engaged in 2011 to provide sportslighting and general lighting design for the project.

The solution comprises four 45 metre tall customised light towers (built by Coslee Fabricators) with provision for communications equipment to be fitted. The sportslighting design provides 500 lux on the pitch for AFL training.





# Contact us

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## NDY Office Locations

### AUSTRALIA

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Brisbane

Canberra

Gold Coast

Melbourne

Perth

Sydney

### CANADA

Vancouver

### HONG KONG SAR

Hong Kong

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