



The Healing Power of Light

Lighting Solutions for the Healthcare Environment





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See our complete range at <https://eagle.lighting>

Our Sustainability Promise

At Eagle Lighting our purpose is to improve people's lives with lighting solutions that make a positive impact on their environment.

Our Principles

Eagle Lighting is a proud industry leader. We take a holistic approach to sustainability by ensuring environmental, social, and economic sustainability is practiced throughout our operations and supply chain.

We promote our core values of Collaboration, Quality, and Respect through an emphasis on innovation and continuous improvement. It is our role to demonstrate good practice and encourage the highest standards of environmental and human rights protection from suppliers and partners.

1. Our Commitments



UN Sustainable Development Goals (SDGs): Eagle Lighting's sustainability strategy is guided by the SDGs. We have identified five core SDGs that we can directly advance through our business.

Industry leadership: We are committed to leading our industry in sustainability. We produce low-impact, ergonomic, and energy efficient lighting solutions.

Green Building Council: As an active member of both the Green Building Council of Australia and New Zealand, Eagle Lighting demonstrates its support for a sustainable built environment.

2. Our Products

Energy efficiency: Our use of LED technology directly contributes to energy efficiency in a range of environments.

Reducing environmental impacts: We are constantly improving our environmental performance by taking a full life cycle perspective, enabling us to identify and reduce impacts. We are certified to ISO 14001 – Environmental Management Systems.

Circularity: We maximise, reuse and resource efficiency in our luminaires' design, and so embracing the circular economy is the next logical step in our sustainability programme.

3. Our Business

Management: Eagle Lighting remains accountable through ISO 9001 – Quality Management Systems. Our Responsible Procurement Framework is integrated into our quality management system, setting a high standard for us and our suppliers.

Wellness and diversity: We are committed to providing a work environment where our employees can thrive. We promote equal opportunities for all people regardless of race, national origin, ethnicity, religion, gender, age, marital status, sexual orientation, disability, and oppose discrimination of all forms.

4. Our Supply Chain

Responsible Procurement Framework: Eagle Lighting is committed to responsible sourcing as part of our sustainable business strategy. We believe that through collaboration and encouragement across the supply chain, our suppliers, partners, and customers all benefit. Our Responsible Procurement Framework consists of a thorough screening process for suppliers and a Supplier Code of Conduct.

Antimicrobial Coating

Our complete cleanroom range (listed below) come with Antimicrobial powder coatings that protect against microbial growth, as standard.

By incorporating silver ion antimicrobial technology, our cleanroom luminaires will now be even easier to keep hygienically clean.

How Does it Work?

While cleaning will help prevent microbial growth on products, the new powder coatings applied to our cleanroom luminaires provide an additional defence against microbial growth.

With the antimicrobial coating, a concentration of silver ions is available on the surface of the luminaire to act against target microorganisms.

In the presence of environmental moisture, silver ions in the coating penetrate microbes contaminating the surface of a treated product, disrupting their growth and reproduction. This leads to a reduction in the number of microorganisms on the surface of the coating, thus providing 24-hour protection, seven days a week.

The Benefits

- Providing antimicrobial performance for the lifetime of the product
- Demonstrable ability to reduce bacteria by more than 99.9%
- The ability to inhibit the growth of moulds and yeasts.
- Meeting the highest antimicrobial standards.

Products offering this powder coating as standard

- Cleanroom IP44
- Cleanroom IP65
- Secureroom IP65
- LED Operating Theatre Light
- Concava





Coloured LED Solutions

The ever increasing understanding of the effects of light on people within the healthcare environment, coupled with the technological advances within surgical suites, has resulted in an increased demand for a range of coloured LED options.

For example, doctors now rely on advanced surgical technology, including robots and information displayed on video monitors, to undertake procedures. To ensure that equipment can be viewed optimally, a

green background light can be used to enhance contrast for higher visibility on screen based information.

The use of green background light also means that turning off the lights within the operating theatre is no longer necessary. This means that OR nurses and anaesthetists do not need to struggle to function in the dark.

With that in mind we now offer specialist colour LED solutions, which include:

Colour	Nominal Peak Wavelength (nm)	ELA-Measured Peak Wavelength
 Royal Blue	452	451
 Blue	485	476
 Green	530	526
 Amber	590	596
 PC Amber	590	597
 Red	625	634
 Deep Red	660	659
 Far Red	730	738

To achieve these colour changes we provide a controls interface to facilitate the transition between lighting scenes.

Clinical Applications

A high colour rendition is essential in multiple healthcare spaces such as operating theatres, examination rooms, intensive care units, MRI suites, recovery areas, scrub zones, and utility rooms. It is also recommended that luminaires selected for sterile environments include antimicrobial powder coating for infection control and are designed for safe and easy wipe-down cleaning.



Operating Theatre Light



Pleiad G4



Cleanroom IP65



Florence+



Cleanroom IP44



Concava



Vertex



Aureled Vista



Operating Theatre Light

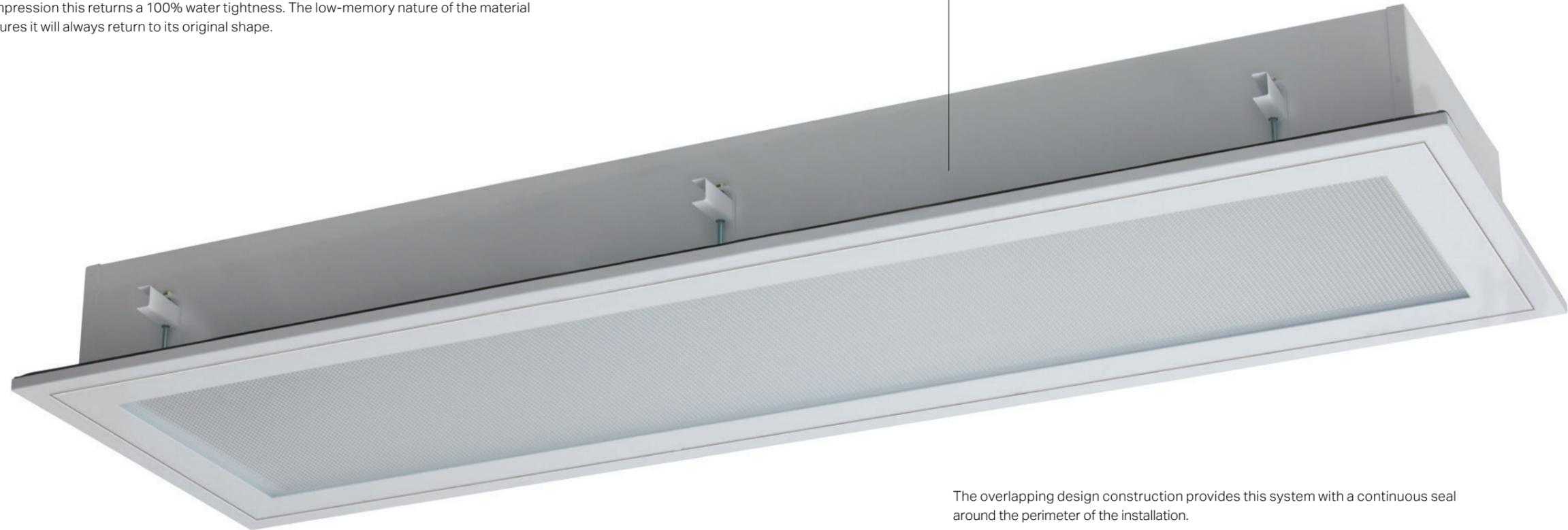


Specifically developed to meet the demanding requirements of the theatre environment.

Together with an EPDM gasket, swing-out installation brackets negate the need for a silicon sealant around the fixture in the ceiling.

EPDM rubber foam is a closed cell gasket, ensuring a high IP rating. At less than 10% compression this returns a 100% water tightness. The low-memory nature of the material ensures it will always return to its original shape.

- Superior colour rendition of CRI95+
- Offering near perfect colour perception with an R9 value of 99
- Antimicrobial powder coating as standard
- Glare reducing delta diffuser coupled with microstructured control film and an acrylic wipe-down layer on the outside.



The overlapping design construction provides this system with a continuous seal around the perimeter of the installation.

UV-stabilised, acrylic diffuser options contribute to the overall IP65 rating easily cleaned and maintained. When compared with polycarbonate options, our acrylic diffuser is resistant to hospital-grade cleaners.

Additional light sources including Green, Blue, Royal Blue, Red and Deep Red are also available to suit varied operating theatre requirements

Cleanroom IP65



The Cleanroom range of luminaires have been developed to meet the requirements of specialist installations where the luminaire requires protection against contamination. This range, Cleanroom IP65, is completely sealed from all angles, making it suitable for laboratories and multiple healthcare spaces such as examination rooms, intensive care units, emergency rooms, MRI suites and scrub rooms.

Higher Colour Rendition

The Cleanroom IP65 offers excellent colour rendition, particularly in environments where colour perception and consistency is critical e.g. laboratories, hospitals, and medical centres. Now available in both CRI90+ and the option of CRI95+

High Quality Design

The screwless frame is fixed to the body by floating magnets. Using a magnet to attach the frame ensures that it is easy to install and clean.



Plaster recessed as standard. Other mounting and size options available via customisation.

Antimicrobial powder coating as standard.

Cyanosis Observation Index (COI)

The Cyanosis Observation Index (COI) is based on a rating scale where the lower the number, the greater the capability of Cyanosis detection. The COI for a luminaire cannot exceed a score of 3.3. The standard Cleanroom IP65 in CRI90+ has a COI rating of 2.2. However, the COI rating can be further improved through the Cleanroom IP65 in CRI95+ resulting in a score of 0.9. (Refer AS/NZS1680.2.5)

Additional light sources including Green, Blue, Royal Blue, Red and Deep Red are also available to suit varied operating theatre requirements.

Testing & Performance

The entire range has been photometrically, spectrally and thermally tested in our laboratory in Melbourne and then tested and verified by a NATA approved laboratory.

Tested to AS/NZS60598.1:2013, the CR65L runs (50% cooler than recommended component ratings in all conditions). This ensures a thermally stable luminaire, a dramatically reduced lumen depreciation and excellent colour stability for the life of the installation.

Secure Mental Health

Luminaires selected for mental health units should be assessed to ensure that they do not create any additional safety hazards for patients or staff. They should be safe, durable, tamper proof and concealed where possible.



Secureroom



DL86 AL RGBW



Pleiad G4 165 Robust



Basilica



Pleiad G4 Anti-ligature



RDL AL



Vanguard



Tuscan AL



DL86 AL



Bed Head AL



Basilica

A robust anti-ligature range of bulkheads with exceptional efficiency and options.

Designed for Secure Health and custodial applications the Basilica is available in 2 sizes (Ø350mm & Ø450mm) with options for Tuneable white (to mimic daylight and help regulate our biological clock), and RGBW for sensory rooms.

Contemporary design with no ligature points, to help prevent self-harming, the basilica provides uniform light distribution and impressive efficacy of up to 115 luminaire lumens per circuit watt.



IP66 & IK20 (250 joules of impact energy).

Suitable for wall or ceiling mounting.

Smooth surfaces make cleaning easy to help maintain a bright welcoming environment.

Anti-bacterial paint options available



Wards/Patient Rooms

In modern hospital wards, ambience can have a direct effect on patient recovery times. The aim is to create a comfortable, relaxing environment giving control of the immediate surroundings to the patient. Glare must also be minimised to make the recumbent patient as comfortable as possible.



Concava



Cleanroom



Florence+



Aluflex 600



Clarico Down



Discovery Evo



Pleiad G4



Aureled Vista



Vertex



Aureled

Tuneable White for Healthcare

Lighting for hospital applications is one of the more complex tasks as there are opposing requirements when considering best outcomes for patient recovery – which usually conflict with the requirements of lighting for staff caring for the patients.

Considering the requirements for patients, and these vary depending on complexity of condition and stage of recovery cycle, providing flexibility in control of lighting in support of photoentrainment, circadian cycle is proven to be beneficial to recovery.

The provision of tuneable lighting and control of colour temperature plus levels of illumination throughout the day and night is necessary. Access to daylight is also a key consideration for improvement of patient care. For lighting overnight, the contribution of amber spectrum is best practice.

Featured Products



Cleanroom IP44/IP65



OmniPOD Linear



Florence+



Aureled



Pleiad G4 Robust



Pleiad G4 125/165/205



Florence+

Elegant low profile design bedhead luminaire

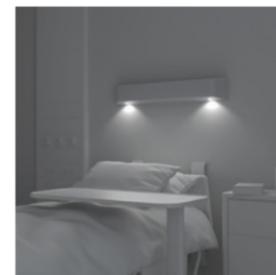
For new build or refurbishment projects, encompassing all lighting states from a single lighting point. An elegant single piece low profile design delivering an > Ra90 combination of upward, forward, and downward light with a choice of colour temperatures including Tuneable White offer optimum flexibility for patient comfort

Two versions with a choice of outputs delivering up to 1000 lux at bed level for patient examination.

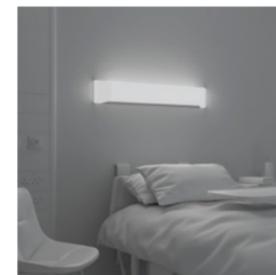
IP44 Protection rating.

Single piece wipe clean injection moulding with no layers or visible screws.

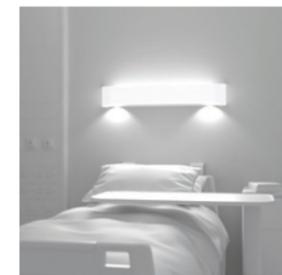
DALI as standard and wireless dimming available via Casambi.



Patient Reading



Patient Resting

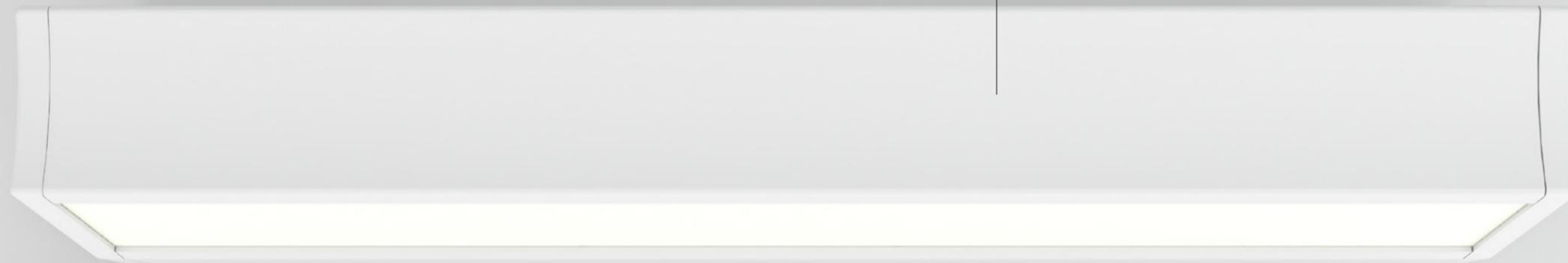


Patient Examination

Concava



Concava is an aesthetically pleasing surface-mounted overbed light, designed for hospitals, aged care and nursing homes.



- Antimicrobial Gloss White as standard.
- Clear outer acrylic diffuser allowing for easy wipe down/ bacteria control.
- Optional Amber LED night light provided to optimise patient sleep and recovery.
- DALI with CLO (Constant Light Output) enabled as standard.
- IP40 and COI (Cyanosis Observation Index) compliant.

Concava is an aesthetically pleasing surface-mounted overbed light, designed for hospitals, aged care and nursing homes.

Designed, tested and manufactured in Australia, Concava is engineered and purpose-built to meet the requirements for healthcare applications.

Concava offers performance characteristics to match the demands of a modern healthcare facility at a competitive price point.

Installation

Installation and maintenance of Concava is simple and easy to perform. Concava is provided with a separate steel wall mounted back plate to facilitate the quick-connect electrical connection and support the one-piece aluminium luminaire housing. The luminaire body is securely supported by longitudinal upper and lower hook rails and fastened from above by two locking screws. View installation video [here](#)

Optics

Concava provides upward asymmetric light distribution for ambient light effect, overbed downward direct light for reading, and with supplementary lighting, combined upward and downward light for examination lighting.

Recessed LED modules behind precision diffusion sleeves provide visual comfort and outstanding performance. Lighting levels can be individually adjusted, combined and controlled via a DALI interface.

Open Public Spaces

Lighting in open public spaces should provide a sense of comfort, calmness and security. Focusing on the human visual, biological and emotional aspects of light, the design should deliver a place for respite and a seamless transition to clinical areas of the hospital.



ELLE



Dwide corner



Vertex



Notor Asymmetric



Aureled



Pleiad G4



Sweep



Omnipod Linear 150



Notor recessed



Zyke



Pleiad G4

Pleiad G4 is the latest evolution of Fagerhult's classic downlight series. Better efficiency, greater visual comfort, and even quicker to install. View installation video [here](#)

Pleiad G4 simplifies and streamlines advanced lighting planning for entire projects by using one and the same luminaire type. The series includes recessed downlights in four different diameters, a square recessed downlight, an adjustable recessed downlight, surface-mounted downlights in two diameters and wallwashers.

The variety of different luminaire models, reflectors, anti-ligature diffusers, and optional wipe-down cover plates, make the Pleiad G4 family the perfect downlight offering for healthcare applications.



High Colour Rendition of CRI90

Compliance with Cyanosis Observation Index (COI)

Available in DALI, Tuneable White, RGBW and Emergency

Selected models made in Melbourne allowing for short lead times

Admin/ Consulting Areas

Consulting and Administration areas need to provide a user friendly, performance based and comfortable environment for all working in this vicinity. Visual comfort is paramount to the staff as they work long shifts and travel throughout many different areas of the hospital.



OmniPod Linear



Vertex



Scoot linear



Dwide Ceiling



Indigo Maestro Delta



Educo



Dwide Pendant



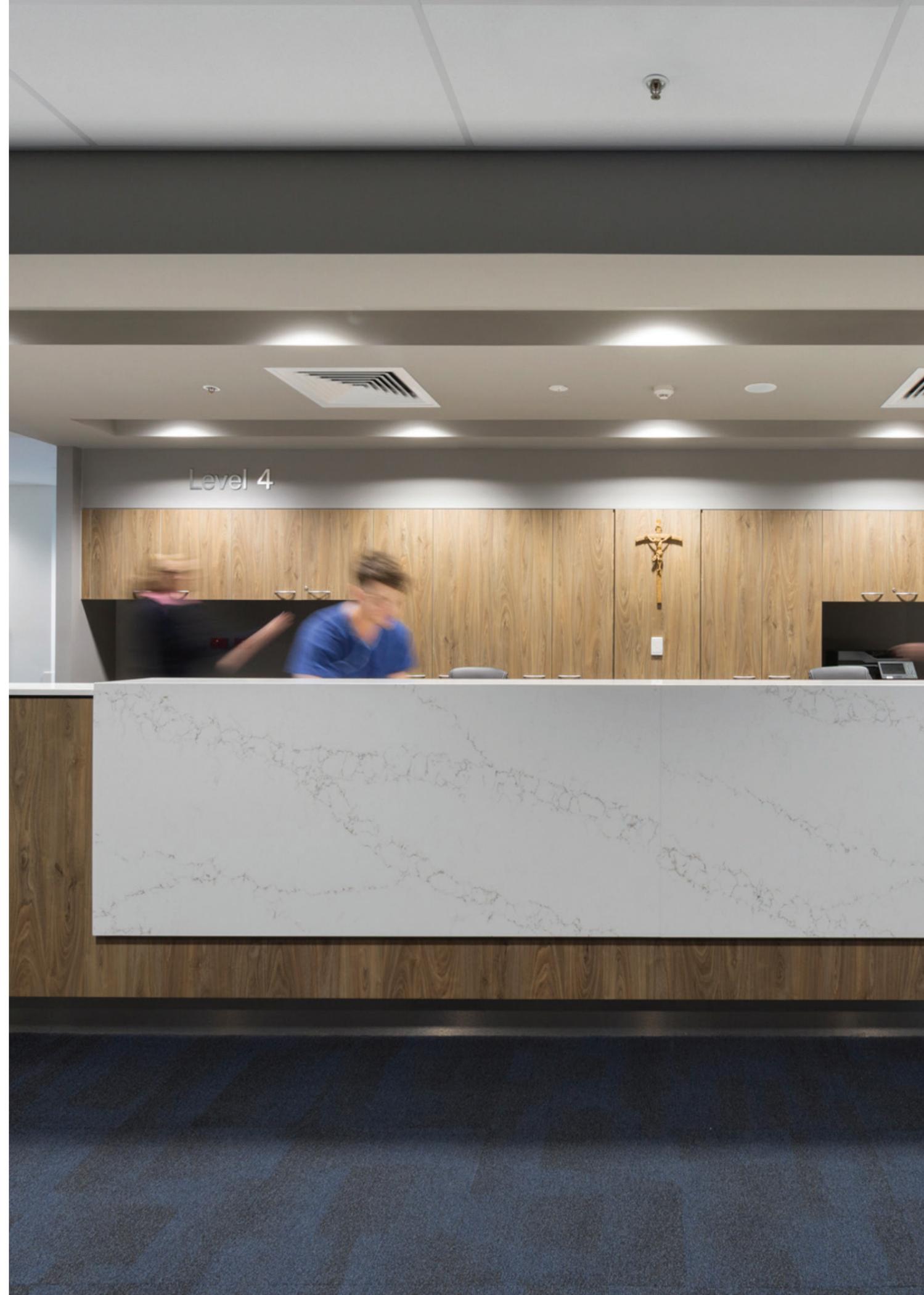
Combilume



Pleiad G4



Aureled



Amenities

Well-lit hygienic areas contribute to space that feels fresh and pleasant to visit. Light on ceilings and walls helps to define the room, while light above the washbasins ensures we can see ourselves in a clear and comfortable light, without glare.



Cirkel



Aqua



Pleiad G4 125



Telescope



Discovery Evo



RapidLED



Car Parks and Pathways

Outdoor environments must balance security, safety and energy efficiency while creating attractive environments that enhance both ambience and architecture.

Our range of energy efficient outdoor lighting solutions does just that - meeting code compliance, functionality, durability, safety, and security while creating great places for people.

Our low-maintenance, reliable solutions include luminaires for building façades, roofs, parking and public spaces.

The area around the facility entrance has both a welcoming and a guiding function. It is important that visitors are able to quickly recognise where entrance doors are and that stairs, ramps, and direction signs are well lit.

The road from bus stops and parking lots up to the education facility should stay on at all hours. Pole top fixtures provide good general light, while lower bollard's facilitate orientation on walkways and sidewalks. Façade lighting accentuates the building and softens the transition between the outside and inside. Wall and ceiling fixtures

create a comfortable vertical light and accentuate the signage.

Eagle Lighting's access to global experts and products from Designplan, Simes and Fagerhult delivers a combined capability for outdoor lighting that is unmatched in Australia.

Safety leaving a hospital is a priority, especially at night. This applies to patients and visitors who are entering or leaving the facility, to surgeons, nurses, other staff who work long hours, particularly night shift workers.

Things to consider –

- Minimise shadow to increase confidence
- 24/7 usage – cost and reliability
- Reliable/ low maintenance
- Tamper proof/ robust
- Minimise glare
- Aesthetically pleasing to further enhance the environment

Simes products available via Eagle Lighting in Australia only.

Undercover Carpark



Hero



Densus

Outdoor Carpark



Evolume



Boulevard



Xelos bollard



Ikonic bollard

Car Parks and Pathways

Undercover Canopies



Ministage Ceiling



Lobby Professional



Linilux



Rondo G3 Recessed

Wall Perimeter



QuadEvo



Duomo



Smooth



Rondo G3 Wall

Walkway/Steps



Skill



Walker



Minipetit Step Light

Simes products available via Eagle Lighting in Australia only.



Organic Response for Healthcare

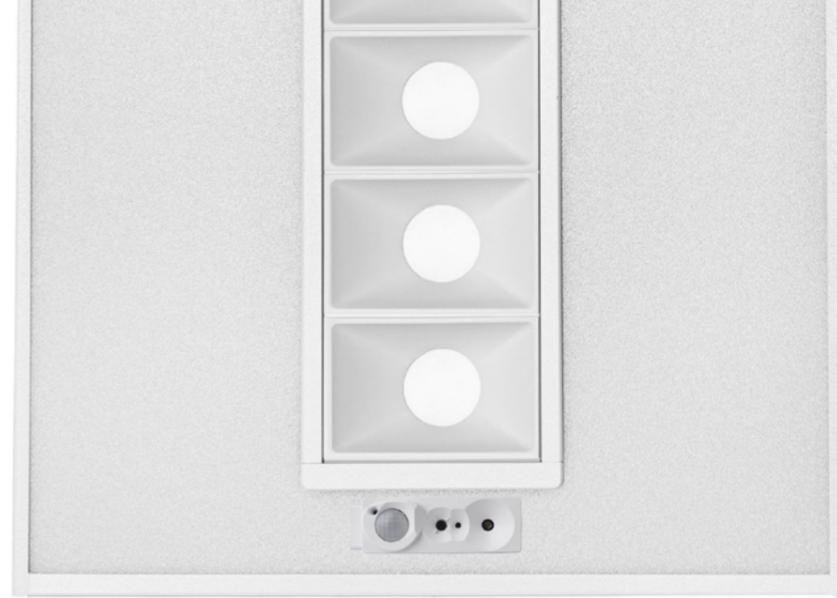
The ever-changing environments where people work, play and live mean that lighting expectations and demands are increasing.

With that in mind, at Eagle Lighting we collaborate closely with our clients to help them find the right control solution for their unique projects.

With a passion to push the performance of lighting, our future-orientated approach ensures that we develop luminaires that

maximise the latest in technological developments, personalisation and data.

And with integration of advanced control options into our luminaires such as our Organic Response solution, your facility can adapt seamlessly to advances in IoT technology, without the higher costs associated with legacy-cabled lighting control systems..



As an 'out of the box' lighting controls solution OR provides:

-  Plug & Play
-  Wireless
-  Intuitive App
-  EnOcean/wireless/
battery-less Wall switch
Compatible
-  Min/Max Levels
-  Daylight Harvesting
-  Occupancy Sensor
-  High Density
- No sensor blind spots

Unlocking value beyond illumination

Greater functionality is available from the system via the OR cloud platform. Access is simply enabled with the addition of an IoT gateway, which then gives the user a fully connected system.

The OR connected solution offers everything 'out of the box' plus a host of features including scheduling, heat mapping via the ORT Portal, reporting and maintenance view, high-level BMS,

high-level IP integration and upgradeable features over the air.

As a truly smart building requires open and interoperable systems, OR features an open API that provides two-way integration between lighting control and your smart building's ecosystem.

Install today, be ready for tomorrow.

 Case Study

Sunshine Coast University Hospital

 Birtinya, QLD

Eagle Lighting are proud to be positioned as the key lighting solutions partner for projects of this size and complexity within Australia.

Eagle Lighting worked closely with Lend Lease to achieve all of their requirements. 75% of the luminaires in this project are Australian Made by Eagle Lighting. The remaining 25% of luminaires include our brands Fagerhult, Simes, Whitecroft and Designplan.

Luminaires supplied:

LED Operating Theatre Light | Pleiad Compact | Pleiad Comfort IP44 Cleanroom | Vertex | Enviro Evoline | Densus | Pleiad Evo | Herculed | A range of luminaires by Designplan, Fagerhult, Simes & Whitecroft



Case Study

Calvary Bruce Hospital

Bruce, ACT, Australia

Opening in September 2017, Calvary Bruce Private Hospital is a \$77 million dollar state of the art private hospital on Calvary's Bruce Campus. We supplied luminaires from theatres to patient areas, back of house and car parking.

Luminaires supplied:

LED Operating Theatre Light | Pleiad Compact | Pleiad Comfort IP44 Cleanroom | Vertex | Enviro Evoline | Densus | Pleiad Evo | Herculed | A range of luminaires by Designplan, Fagerhult, Simes & Whitecroft



The Grampians Therapeutic Community

 Victoria, Australia

The Grampians Therapeutic Community is the first state-funded purpose-built centre for residential rehabilitation for alcohol and drug in Victoria.

The facility houses 20 dedicated residential rehab beds, taking in 80 patients a year. The facility will lead to reduced waiting times and improved treatment outcomes for clients and families.

Grampians Therapeutic Community will lead to improved support for regional clients and families seeking drug treatment pathways.

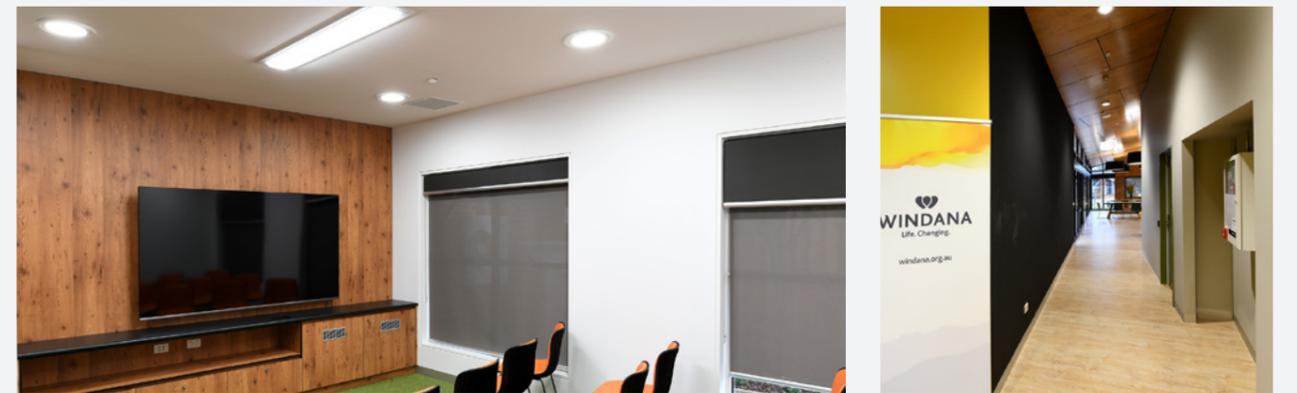
Lighting design:

With the safety of both staff and residents paramount, Designplan luminaires were selected to ensure there were no light fittings in areas the residents had access to that may serve as a potential ligature point for self-harm.

The Designplan luminaires selected are also impact, water and dust resistant, therefore able to be used in wet areas and exterior locations, thus ensuring continuity of lighting design throughout the facility.

Luminaires supplied:

Anti Ligature RDL | Tuscan Antiligature | Basilica | Bedhead AL | Pleiad downlights | DTI LED | SR65 | CR44L | Vertex





50+ Years in the Business

Bright ideas shine when we work together

Here's how we work with you to find the perfect solution to light up your spaces.



[View our Corporate Brochure here](#)

Collaboration

Your challenges are our challenges.

We sit down with you to understand your biggest design problems and develop a plan to solve them.

Comprehensive solutions

There's no lighting problem we can't solve.

Drawing on our locally manufactured luminaires, and complemented by best-in-class European brands, our designers create lighting solutions that are elegant, efficient and tailored to your space.

Technical support

We're here to answer even your most technical questions.

Our in-house engineering, lighting design, and product specialists are industry-leading technical experts. And being local, you can get engineering support from the people who design, test and manufacture our primary luminaires.

Quality

Your spaces are valuable.

Let's work together to design liveable, long-lasting, energy-efficient spaces and maximize the value of your building.

Customisation

Lighting isn't one size fits all.

Select one of our standard products or work with us to design a custom solution for your project.

Local manufacturing

Don't let the supply chain stop your project in its tracks.

Thanks to our in-house design, testing and manufacturing capabilities — 90% of our components come from Australian companies — you can rely on us to meet even the most demanding schedule.

Delivery

We're here to ensure your luminaires arrive on time and in perfect condition.

Thanks to our thorough, ISO accredited, Integrated Management System, and our in-house and third-party distribution centres, you can rest assured you're in safe hands.



Local Solutions, Global Perspective.

Being a Fagerhult Group company lets us complement our locally manufactured range with industry-leading products sourced via the global Fagerhult Group — providing our clients with a complete portfolio of best-in-class luminaries.

Having access to this network allows

us to explore and leverage global and local trends in lighting, controls and connectivity solutions, while being able to implement them on the ground for our customers.

It also means we can draw on a wealth of technical knowledge and experience across an array of application areas.

We love being out on the road, holding education sessions on topical subjects from the world of lighting.

If you'd like to discover more about our educational presentations, please contact your ELA representative or [get in touch here](#). 



A Fagerhult Group Company

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