

We're simplifying lighting for a brighter future. We empower you with digital tools, jargon-free knowledge and premium products with honest value to take the stress out of lighting.

Hours of time searching products and specs — Seconds to find what you need Traditional printed catalogue — Online configurator Missing specifications — Complete data at your fingertips Limited options — A complete project solution Overly technical wording — Jargon-free explanations

Why Unios?



Giving you back the most important currency – time

Our digital-first approach is designed to win you back the most important currency — time. We know lighting is one of many balls you juggle on a daily basis, so we relentlessly pursue a simpler approach to lighting, from product selection through to customer support.



Transforming complex into an easy to understand, simpler form

How often have you visited a website to find a product image or detail, only to find the wrong colour or a missing number? Our ethos is simple — simplify lighting — everything from the way you configure a product to understanding a new lighting topic with minimal fuss.



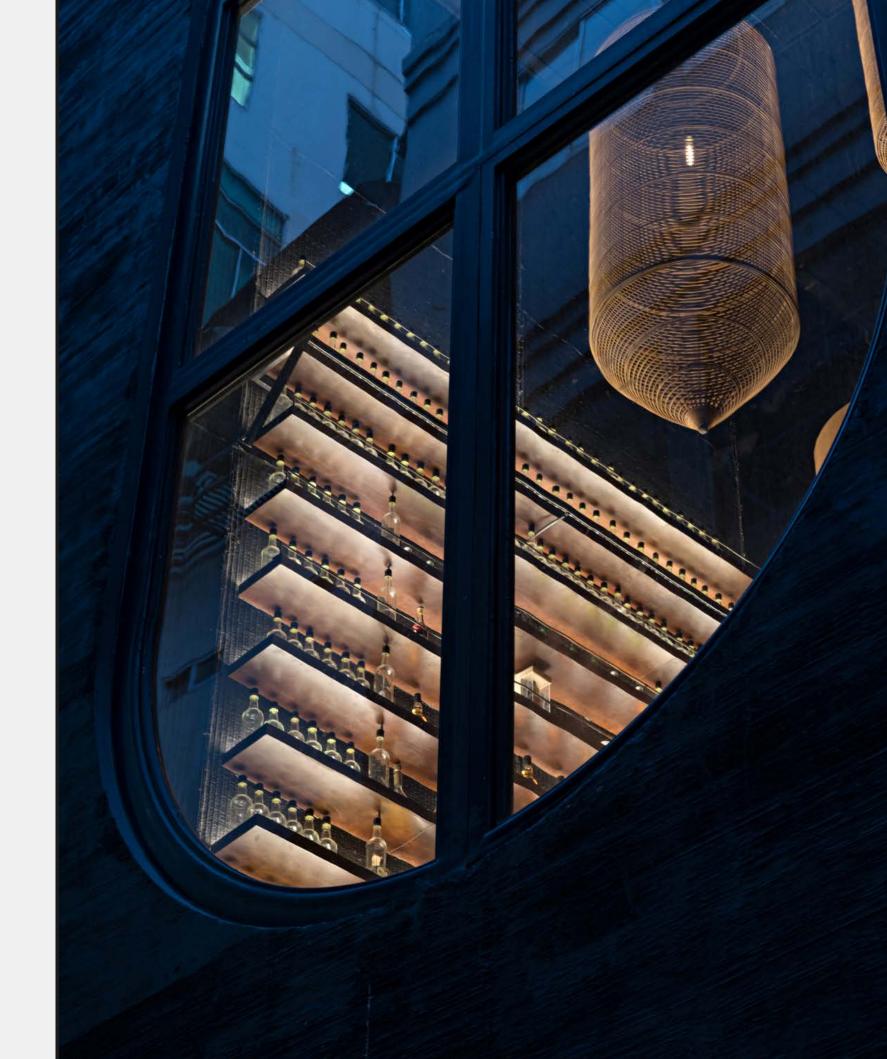
The optimal combination of design, performance and value

We started Unios because we couldn't find lighting that fit. They were either too expensive or poorly constructed. From our humble beginnings to one of Australia's leading lighting brands, our formula has never changed — design, performance and value without compromise.



A luminaire for every condition, every environment.

We all know too well the headaches of managing numerous suppliers for landscape lighting, accent wall lighting and general downlighting. What does it mean to be a complete project solution? Simply put, a brand that has the range, design, colour and performance consistency to meet the requirements of an entire project.



An Australian lighting brand on the world stage



Founded in Perth in 2011, Unios has quickly established itself as one of the fastest-growing lighting brands in the APAC region.

Paley Ho, Unios' founder, started the business with a sketch on a sheet of fax paper and a vision to build a lighting brand solely focused on LED technology.

From the outset, Paley believed in a digital-first, education-led approach. In the way products are developed to the way you find the right product for a project, it should be simple, accessible and convenient.

With that mindset, the company has quickly expanded to eight offices in five countries — from Australia through Southeast Asia.

in recent years, Unios nas worked w global brands such as Nike, Hilton, L'Occitane and Mercedes-Benz on stores and showrooms with world class lighting products.

That simple formula of innovative products, jargon-free knowledge and digital tools has seen the bran become a digital and education innovator within the industry.

Embracing its foundations in Perth Australia, Unios built a state-of-theart lighting facility in 2020. With a new lighting production facility, the company has an increased capacity to fabricate products in Australia with stringent quality assurance and minimal lead times.

With an environmentally-conscious headquarters, the brand is committed to improving its sustainability credentials while continuing to innovate on the digital and education fronts.



In 2019, Unios won the coveted WA Business of the Year, competing with over 20,000 business entrants from across Australia

BUSINESS NEWS AUSTRALIA

Unios founder, Paley Ho, was ranked 11 in Australia's Top 100 Young Entrepreneurs Awards of 2019.



In 2019, Paley Ho was recognised with a 40under40 Award for his contributions to the business community under the age of 40.



A unifying set of values at the foundation of who we are



Always look for the assist

Everybody matters. We are a team first, we celebrate each other's differences and roll up our sleeves to help anyone who needs a helping hand.



We are all in the driver's seat

Each of us has the power to make a difference. We take pride and ownership in everything we do to deliver awesome work. Everybody wants to do better, trust them.



Support our supporters

Customers are our number one supporters. We all play a part in the customer journey to make every interaction a great experience.



Always improve your playbook

We perfect what we know and innovate what we don't. There's always a better way – and everyday we go after it.



Have fun with it!

Everybody wants to feel good. Be yourself. Be grateful, positive and enjoyable to be around.



Australia's fastest growing light brand



Two ideas and a sheet of fax paper

ORIGIN STORY

Paley Ho, equipped with two sketches on a sheet of fax paper, had a vision to build a lighting brand during the early days of LED adoption. His mind was focused, and he started his transformation from an auditor to a lighting entrepreneur.



A long road in a Camry

THE HUSTLE

The birth of Premium

Premium Lighting is born,

a modern, diaital approach

to a century-old industry.

a make-shift office and

lunchroom.

Lighting

THE REGINNING

Equipped with two products, an upstart lighting company a catalogue and a 2007 Toyota Camry, Paley faced with big ambitions to deliver an uphill battle to win the trust of clients as a brand Perth CBD acted as storage long stretches of highway from Geraldton to Busselton scepticism was high from prospective buyers.

THE TIPPING POINT

With a handful of pilot customers, the company ventured on to develop the first flagship luminaire - the Platinum Downlight. For its time, the downlight provided first-rate colour accuracy and an extended scope of options. The year also saw the end of the quaint warehouse down south, with the introduction of an actual office, showroom and separated warehouse

north of Perth

Platinum Downlight

is released



Planting a seed on the East Coast

NEW TERRITORIES

Momentum was building, and the horizon seemed bright for a concerted step to expand into into the east coast. The brand ventured east coast and explored new opportunities by participating in leading trade shows in Melbourne.

The Titanium a legacy is born

A EL AGSHIP PRODUCT

This was the year of the launch of what was to become the brand's defining product - the Titanium Downlight. Its near trimless the practicality of easy installation and remarkable performance was a winning combination.



A big move to a new facility in Wangara

A GROWING TEAM

Interest in Melbourne. 2017 proved to be a landmark Sydney and Brisbane was year for the company. After growing rapidly. The team extensive planning, the was arowina equally fast company was reborn as and relocated to a new Unios, more driven than ever facility in Wangara that was 2.5x the size, with increased focused lighting industry. In production, storage and R&D the same year Unios Toolbox capabilities. The foundation was launched, a revolutionary was set for the years that configuration, selection and lighting project management web app.

> With a rebrand and the launch of a new website and web app, Unios put down a new mark of intent in Sydney with a stunning new office and showroom in Slazenger's original 1930s warehouse in Alexandria.

Rebranding with a

new digital mindset





THE REGINNING OF UNIOS COMMITMENT TO QUALITY A NEW MARKET

> The year of 2018 saw the doors open to Unios' new in China, Each and every luminaire undergoes a it complies to stringent new laboratory, the Unios China team moved into a new modern office and

state-of-the-art laboratory in the laboratory to ensure standards. In addition to a

Southeast Asia takes flight

The Southeast Asian market heckaned as a watershed moment. Hong Kong, South Korea, Indonesia and Vietnam - both Ho Chi Minh and sales offices. Supporting the expanding company Unios marked inaugural participation in the world's second-largest lightingfocused event - Hong Kong Light Fair.



Unios relocates

More than two years in the

making, Unios took a giant

and construction of a new

from the ground up, the

new facility is a testament

to Unios' commitment to

design, quality, culture and

service.

leap forward with the design

purpose-built headquarters

north of Perth CBD. Designed

to new HQ

A NEW HOME



Crafted in

Australia

AND LIGHT

A LABOUR OF LOVE



Australian Trusted Trader Accreditation

> STREAMLINING PRODUCT DELIVERY

In 2021, Unios launched Crafted in Australia – a campaign to honour and celebrate our Australian roots quality and craftsmanship. With the Australia-crafted product range, we built upon our local production capabilities to be able to assemble and fabricate thousands of customisations with fast lead times.

2022 saw Unios officially granted this highly difficultto-obtain accreditation as part of the Australia Trusted Trader (ATT) program. Being part of this program recognises Unios as having exemplary business and supply chain processes that provide excellent reliability and assurance to its partners and customers.

unios.com

Lighting simplified for the digital world — Unios Toolbox

The Unios Toolbox provides a universal platform for configuring, bookmarking, specifying and collaborating on luminaires for any project. Unios Toolbox is the synchronised and simplified solution to the lighting selection process.

The platform takes the headache out of lighting selection by making thousands of options with applicable accessories configurable in seconds.

Configure

Live imagery of every finish, every optic

Instantaneous availability indicators

Select drivers from Casambi Bluetooth to DALI drivers

Pair with compatible

accessories and optics

Titanium Small Downlight

When using the Unios Toolbox's configuration tools, you can browse different finishes, optics and accessories — all with live in-line imagery. Every product has a listed indicative stock availability and selectable compatible drivers form standard drivers to DALI and Bluetooth.

Select

Add products to an infinite number of projects via the project management

tool. Projects can be added and duplicated as required with an accessible history log to peruse a project's archives.

Export

Powerful export tools are available to output customised data sheets (with logo and contact details) and provide easy access to IES and BIM (Revit, Sketchup, Archicad) files.

Share & Collaborate

With every compiled project schedule, there is an ability to export and share either a project PDF or Excel file.
Whatever your workflow, you will find product imagery, type numbers, tender text and relevant technical details all ready to fit into any system or process.

In a world where time is one of the most important currencies, Unios Toolbox helps you win back time and take the headache out of lighting projects.





schedule in Excel or PDF in seconds.

3197

unique projects created on the platform in the past two and a half years.

750+

accounts created to manage different projects and lighting schedules.

529

of time saved for designers, consultants and builders compared to other brands.

Discover the Toolbox →

A labour of love and light from Australia





2 weeks

Australian fabricated Unios luminaires can be customised and delivered in as little as 2 weeks.

5,200

unique stock items ready to dispatch on demand for any project requirement.

100K

different customisable variations in our Australian warehouse ready to assemble.

Select ranges of Unios luminaires are made with precision and care by our expert lighting fabricators in Australia. Every luminaire starts with our product engineers and ends with the expert labour of love and light from Australia.

The requirements of a project are ever-evolving, from design all the way through to construction. Sometimes it is the dimensions of a wall changing or a tweak in material choice.

These incremental updates through the journey of a project can cause enormous headaches when selecting products with lead times that can span months. Changes to the product selection, whether it be the colour or the beam angle, can be difficult or sometimes impossible.

With the Australian fabricated product ranges, you can receive luminaires customised to the exact millimetre in as little as 10 business days for domestic deliveries. We believe in a touch of our Australian fabricators. It's a lighting world with peace of mind and minimal fuss.

> We are a proudly Australian brand with a global reach. Our global headquarters, located in Australia, include state-of-the-art offices and production facilities. Spanning over 6,000sqm, this sprawling facility is a design and engineering hub, research and development centre and a futureproof fabrication plant. Our growing team is dedicated to the pursuit of simplifying lighting with Australian designed and fabricated products.



Lighting the future with new technology



We believe new lighting technology can make a positive, long-lasting impact on the way we live and work — from reducing flicker to fostering green spaces indoors.

Flicker-Free Technology

Compliant with the IEEE 1789
'No Observable Effect' standard,
our G2 Phase-Cut Driver will help
prevent known potential adverse
health effects with its flicker-free
feature. Providing a solution for every
application while maximising flexibility
and power, these drivers offer flickerfree operation, an improved dimming
range and long term reliability for your
next project.

Bluetooth Casambi

In partnership with Casambi, our smart lighting solution is a complete platform for lighting control based around Bluetooth Low Energy (BLE). Unios luminaires can be configured through your phone to open the possibilities for lighting control, colour temperature tuning, creating scenes and animations.

Horticulture LED Lighting

Successfully growing greenwalls and plants indoors is an exact science. We've conducted the research to develop an innovative range of horticulture luminaires to help you bring the benefits of nature indoors. Our Flo technology combines architectural lighting design with horticulture technology, ideal for greenscapes and indoor plants.

Tunable White

Tunable white technology allows users to achieve a range of 2700K to 5700K from one luminaire. Being able to calibrate colour temperatures from warm to cool light enables users to control mood and positively affects well-being if tuned to match circadian rhythms.

Colour Consistency & Accuracy

All our luminaires use LED engines have best-in-class colour consistency and accuracy. Be assured that throughout an entire project, colour temperatures are precise and consistent (SDCMs2), while colours are accurate and vivid (CRI97+).

25-50%

of migraine sufferers identified flicker as a trigger in addition to doubling the average incidence of headaches.

87%

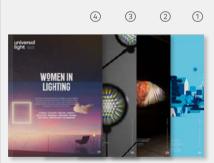
of toxins can be removed within 24 hours with the use of indoor plants.

R9

(red) values are stated on Unios luminaires in addition to CRI to provide a more holistic depiction of colour accuracy.



Lighting knowledge without the jargon



Edition 1: September 2018

Edition 2: May 2019

Edition 3: December 2019

Edition 4: June 2020

Edition 5: July 2021

Lighting can be complicated and difficult to understand. We are on a mission to make the language of lighting a little more understandable and jargon-free.

We produce a range of educational content ranging from an industry magazine to engaging video content that spans a range of topics.

Universal Light

Launched in September 2018, Universal Light is an educational and design resource for the lighting curious.

With contributions from international leading practitioners and renowned

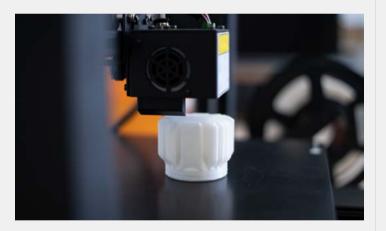
photographers, Universal Light gives insight into the growing recognition and importance of light.

Published by Unios, Universal Light collaborates with leading voices in lighting and design. More than a collection of case studies and products, the resource moves the conversation towards advancing technologies, the changing nature of specification and the maturation of digital innovations.

Distributed to every corner of Australasia with readership of over 4,000, Universal Light seeks to spread a unified passion for light for all environments.



Product research and development in Australia



Most of our designers have spent a lifetime in lighting, understanding every nuance of a luminaire. Our production team has spent thousands of hours honing in on a fabrication process that delivers quality, precision and speed.

The luminaires are designed to meet the project and construction team's varying requirements — from design to delivery to install.

For us, it's that winning formula of beautiful design, meticulous engineering and simplified installation. Our engineers work with experienced electricians to optimise our installation methods. There's no one better advisor than an electrician

with years of hands-on installation experience to optimise and simplify our installation methods.

Each new luminaire range starts with a consultative design process, triggered by conversations and feedback from leading architects, consultants, builders and developers.

This is followed by extensive design and 3D prototyping to ensure the product delivers on design aesthetics and optimum light output and quality.

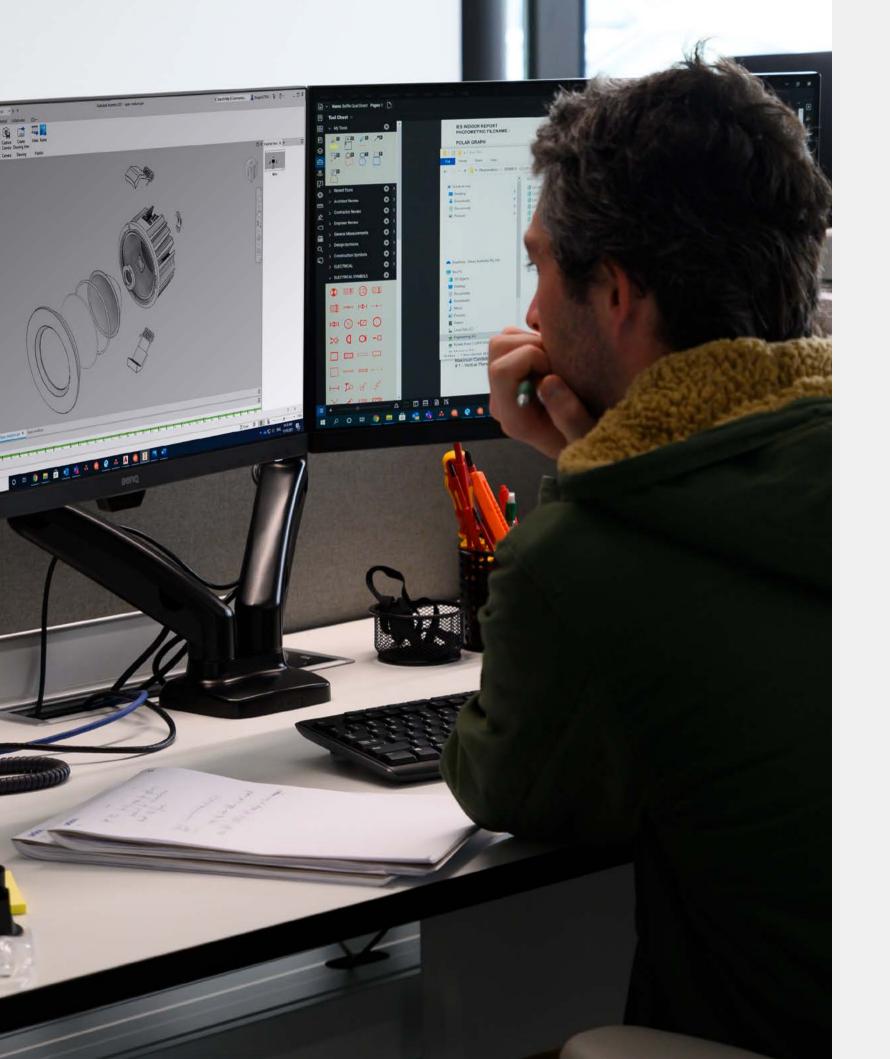
The resulting luminaire must always deliver on the Unios product vision — beautiful design, high performance with clear value to the market.

12+

months of research and development goes into each new Unios luminaire.



countries from where our designers source parts and materials.



Manufactured to the most precise standards



- Austria: Tridonic LED boards and control gear
- ② Finland: Optics and control systems
- ③ USA: Core electronic componentry
- 4) Japan: LED chip manufacturina
- (S. Taiwan: Driver manufacturing
- Guangzhou: Manufacturing plant
- ② Australia: Head design office

CITIZEN XICATO
CREE

\$\displays \text{samsung}

There are over 120 steps to manufacture a Unios luminaire from raw material to a finished product.

Each step plays a specific role to ensure consistency, precision and performance. Parts are carefully selected from around the world to ensure the rigorous design and performance criteria are met

Chip Selection

The process starts with selecting highly efficient LED modules from trusted partners such as Citizen, Xicato and Samsung, who can guarantee consistency (SDCM≤2).

Manufacturing & Preparation

A milling and lathing process from 6063 grade solid aluminium (with <0.1% copper) machines and shapes the luminaire. The machined aluminium is then carefully cleaned with a passivation process on an automated conveyor.

Colour & Texture

The cleaned aluminium goes through a UV powder coating process to a thickness of 60 microns. The powder coating is standardised to the signature Unios textured finishes — RAL 9003 (white), 9023 (grey) and 9005 (black).



Tested for optimal performance for years to come







Australia has some of the harshest conditions in the world, from the coastal conditions of our cities to the hottest deserts. Unios luminaires are designed by our engineers for these very conditions in our backyard.

From the temperatures our heatsinks can withstand to the coast-resilient powder coating of our finishes, our products are designed in Australia to suit all climates and environments.

Each luminaire undertakes a 12 hour operational test where it is turned on and off intermittently. This rigorously tests the electrolytic capacitor in the

power supply, which is considered the most temperamental luminaire part

In our aging test (which tests the durability and stability of our luminaires), we test 100% of a batch compared to the industry benchmark of 20%. Further testing is then also conducted in a thermal chamber set at 45°C to ensure suitability in ceiling environments with extreme conditions.

Wherever in the world your lighting is being used, you can be assured in our testing procedures, ensuring the longevity and durability of Unios luminaires for years to come.

.07%

failure rate in Unios luminaires

Product Compliance

ISO 9001 IEC 60598-1:2008

IEC 60529:2009 IEC 60838-2-2:2006

IEC 62031:2008 IEC 62471:2006

IEC 62384:2009

IEC 61000-3-2:2009

IEC 61000-3-3:2008

IEC 61547:2010

IEC/PAS 62717:2011

IEC/PAS 62722-1:2011

IEC/PAS 62722-2-1:2011

CISPR 15:2009

EN 13032-1:2005

EN 13032-2:2007

EN 55015:2009

LM-79-08:2008 IESNA

LM-80-08:2008 IESNA TM-21-11:2011 IESNA

ANSI C78.377:2011

EC Directive 2002/95/EC 2003



Our commitment to a sustainable future

BCorp

Unios is committed to becoming a certified B Corporation in the next five years, balancing purpose and profit.

GECA

Unios is committed to becoming a GECA (Good Environmental Choice Australia) member by 2025.

ISO14001

Unios is committed to gaining ISO14001 accreditation by the end of 2021 with a certified environmental management system (EMS).

We believe in a future where business performance and environmental performance live harmoniously. We aim to work towards minimising our **environmental footprint now and in the** driver technology. coming years.

Our five-year horizon includes continually adopting the most efficient LED modules, improving our cradle to grave lifecycle awareness and utilising sustainable manufacturing and packaging practices.

Cradle to grave

Our sustainability initiative entails reviewing our entire production process, including raw material handling and treatment to ensure minimal impact on the environment. The initiative looks at everything from greenhouse gas emissions to water and wastewater management.

Efficient LED modules

Since Unios' inception, we have always aimed to work with LED chip

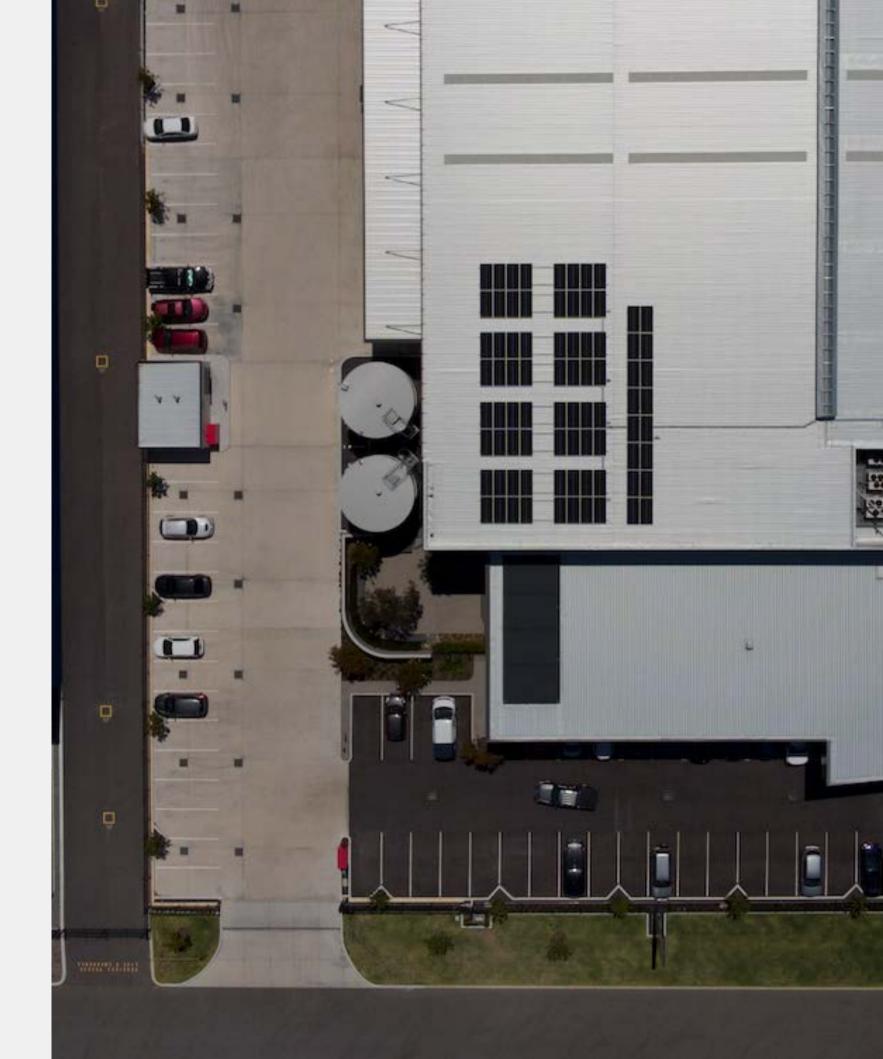
partners that are market-leading in their efficiency. All our luminaires go through continual audits to improve efficiency from the LED chip to new

Sustainable packaging

When designing and selecting packaging materials, we carefully select minimal impacting materials. As part of our five-year horizon, we aim to completely remove the use of single-use substances such as plastic through our entire business and supply chain.

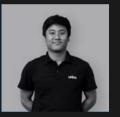
Parts replacement

Unios luminaires are designed with parts replacement in mind. Our aftersales service endeavours to replace only individual components to restore the luminaire to a working condition and reduce material wastage. Replaced parts are then responsibly disposed of if they cannot be repaired.



Resident lighting experts throughout the APAC region













You can access support for your projects from one of our resident lighting experts -- based in Australia and Asia. Our lighting experts are equipped with years of knowledge and experience and a thorough understanding of the Unios range.

They can provide specialised support through the whole process, from design through to construction. With your project requirements in hand, they can provide a tailored approach to deliver an optimal lighting solution.

For projects that require the service, our lighting design team can support stakeholders with advice, lighting calculations and verification. Unios luminaires can be experienced in-person at our showrooms in Perth, Melbourne, Sydney, Ho Chi Minh, Hanoi and Zhongshan. These showrooms are designed as experience centres that demonstrate lighting best practice in a beautifully designed setting.

In other regions of Australia, Indonesia,
Hong Kong, New Zealand, Singapore
and South Korea — we have a dedicated
team of in-house experts and a trusted
distributor network.

This network of Unios lighting experts is here to support and simplify your lighting projects, delivering genuine value and consultation for the best outcomes.

200+

years of combined experience in our sales and support team.

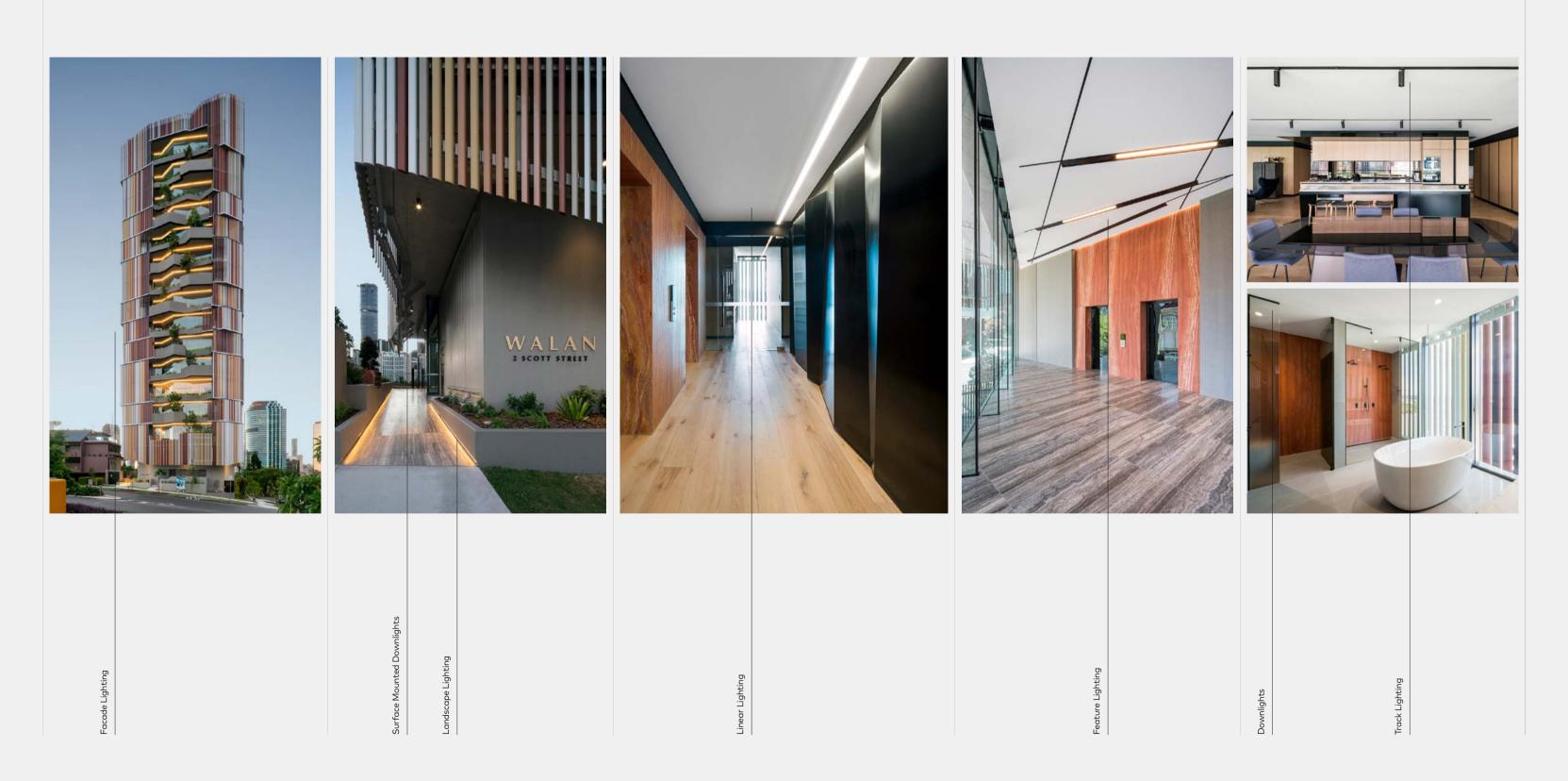
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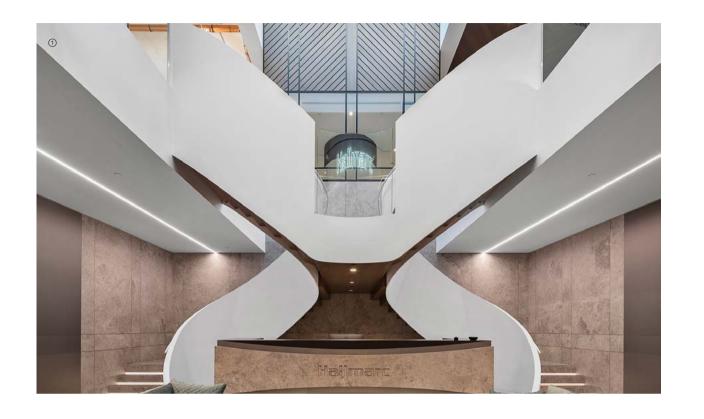
countries with on-the-ground infrastructure and support to service the Australia, New Zealand and Asia markets.

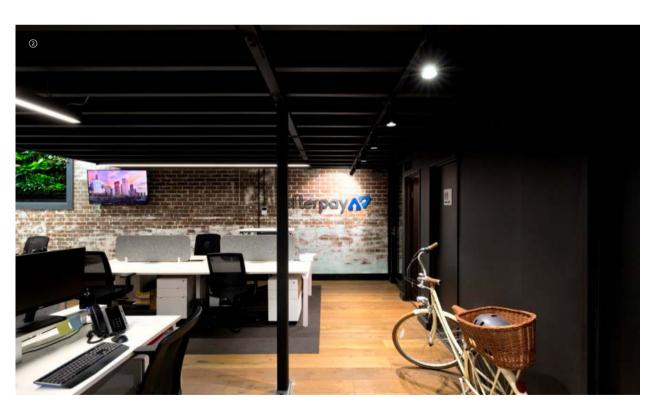


Inspiration 08

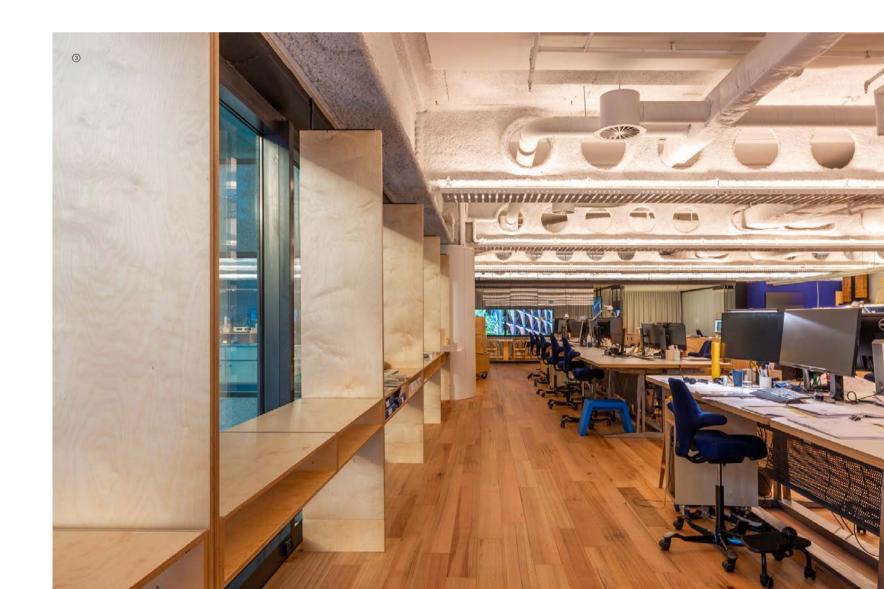
A complete range, from outside to inside







1 2 3 Project Name: Project Name: Project Name: Hallmarc Afterpay fitzpatrick + partners Project Type: Project Type: Project Type: Office Office Office Year: Year: 2019 2018 2020 Product/s: Product/s: Product/s: LX Linear Light Kobe Track Light Eclipse Linear FX Darklight Titanium Downlight









Project Name: L'Occitane

Project Type: Retail

> Year: 2019

Product/s: Eclipse Linear Aeon Flex

Project Name: Bally

Project Type: Retail

Year: 2018

Product/s: Quantum Downlight Eclipse Linear

Project Name: Gia Studios

Project Type: Retail

> Year: 2021

Product/s: Titanium Downlight Eclipse Linear Kobe Track Light



Project Name: Middle Park Residence

Project Type: Residential

Year: 2020

Product/s:

Akira Track Light

Project Name: Samalex Residence

Project Type: Residential

Year: 2020

Product/s: Bianco Wall Light Cluster Uplight

3

Project Name: **Bayview Residence**

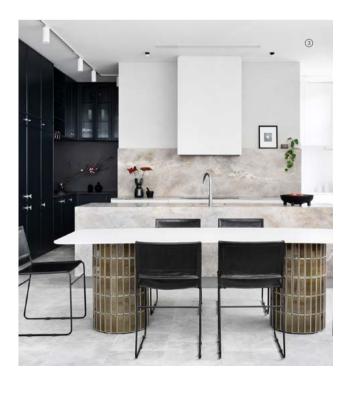
Project Type: Residential

Year:

2019

Product/s: Kobe Track Light Switch Downlight





Project Name: Raine Square

Project Type: Public

Year: 2018

Product/s: Aeon Flex Eclipse Linear Project Name:

Public

Mercedes Autohaus

Project Type: Public

Year: 2019

Product/s: Apex Downlight Emerald Uplight Evio Bollard Light Athena Downlight

Project Name:

Melbourne Central Project Type:

Year: 2017

Product/s: Aeon Flex

Titanium Downlight Emerald Spike Light













Hotel

Project Name: Jackalope Hotel

Project Type:

Year: 2017

Product/s:

Eclipse Linear

Project Name: 52/3 Kitchen & Bar

Project Type: Hospitality

Year: 2020

Product/s: Titanium Downlight Eclipse Linear Tourmaline Wall Light

Project Name: DoubleTree by Hilton

Project Type: Hotel

Year: 2020

Product/s: Eclipse Linear Apex Downlight







Project Name:

Iona Presentation College

Project Type: School

Year: 2020

Product/s:

LX Linear Light Titanium Downlight

Project Name: Queensland Museum

Project Type: Museum

Year: 2019

Eclipse Linear

Start simplifying your lighting project



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More Information

For additional technical information and to access our full library, visit **unios.com**. Our library contains a comprehensive database of BIM objects, IES files and product imagery.

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