

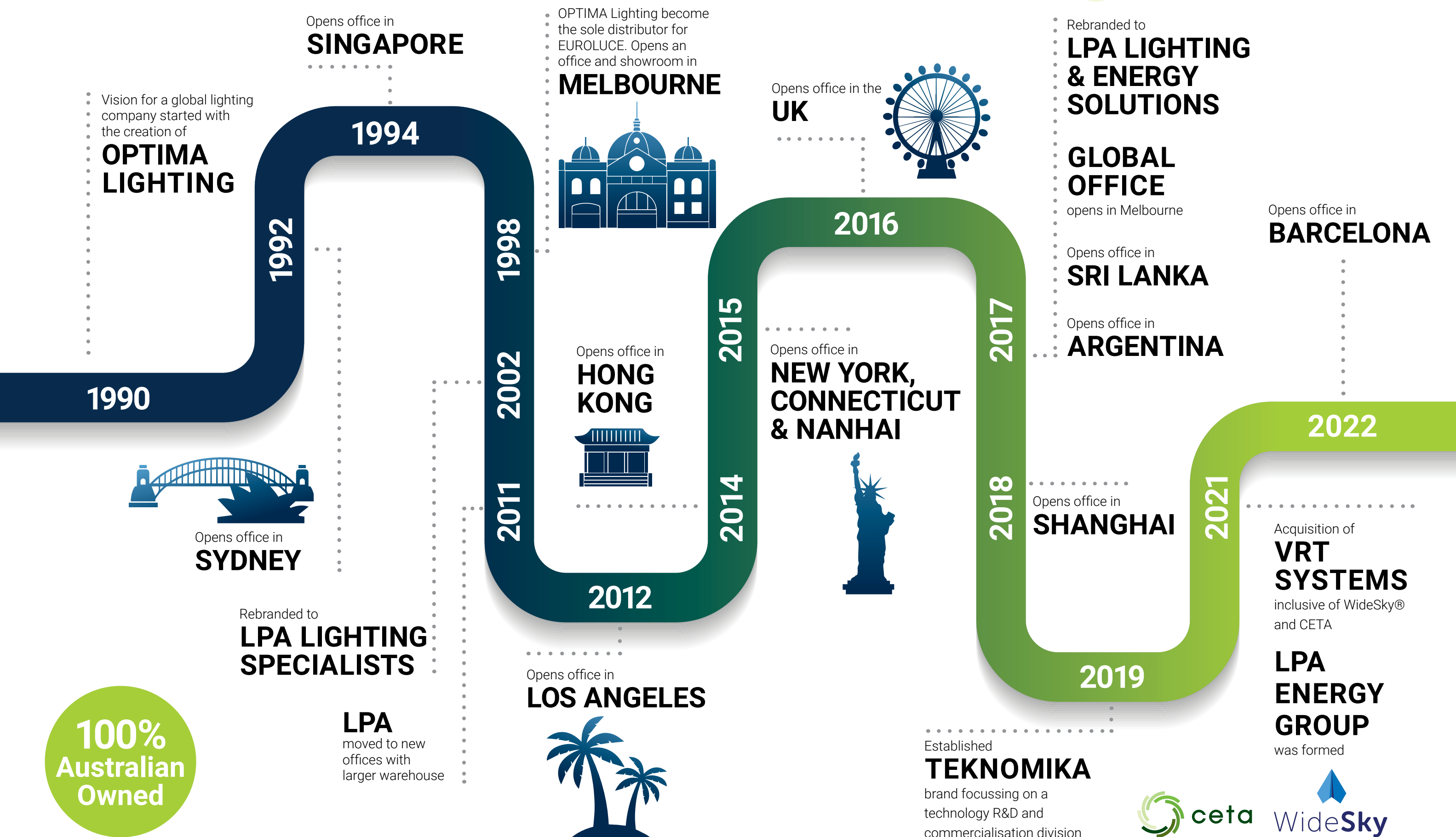
LPA Lighting UK & EMEA Capability Statement



lpa

LIGHTING
AND ENERGY
SOLUTIONS

Our History



About LPA

Founded in 1990, LPA was established to fulfil a gap in the market by providing efficient solutions that reduce maintenance and energy consumption whilst exceeding clients' expectations. The business today has grown with offices across the globe and provides solutions to over 80 countries across the world.

LPA provides solutions to Architects, Designers, Electrical Engineers, Builders, Developers, Electrical Contractors, Government Authorities, Retail stores and facility Owners. With such a broad range of clients, we understand the dynamic lighting market and the positive end-to-end impact each project can have on our clients.

Since its inception, our primary sales activity has been at the forefront of professional lighting. Developing innovative, custom lighting solutions that meet the exact requirements of our clients in terms of aesthetics, economic efficiency, regional compliance regulations and environmental compatibility.

Now our business can assist with solutions in resource optimisation technology, offering the WideSky® energy management system. WideSky®

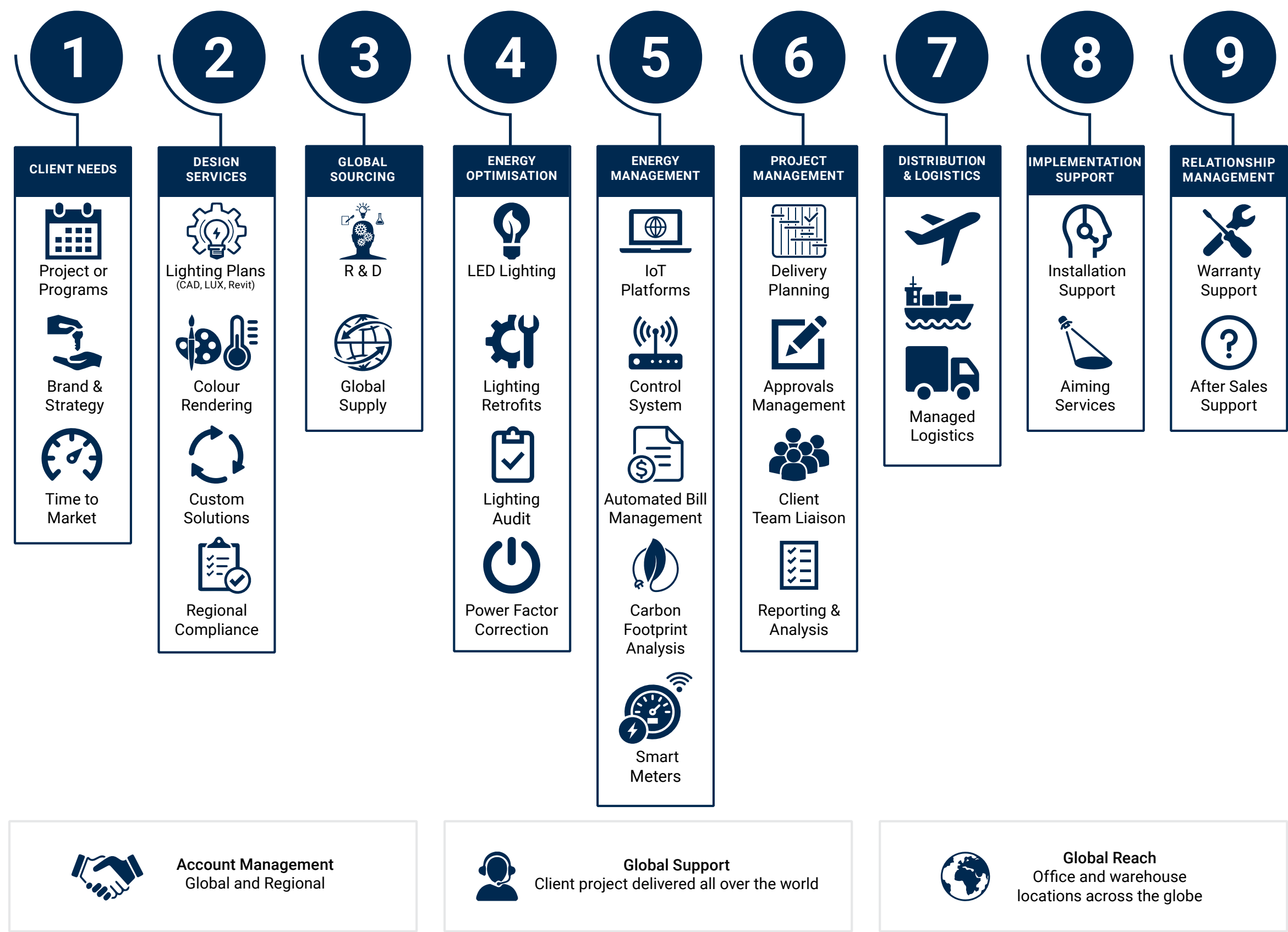
is a cloud-based, IoT solution that makes the invisible visible. WideSky® optimises operations for businesses, saving time, energy and money and assists in reaching sustainability objectives.

We are committed to reducing the impact on the environment by increasing the energy efficiency of our products and decreasing energy usage in the production processes. We partner with our clients, suppliers, and other third-party smart system integration specialists to continually create partnerships that make a difference for now and in the future.

LPA has achieved ISO accreditation for Quality ISO9001, Environment ISO14001 and Safety ISO45001. We provide quality services for the future.



Our Service Model





COMMERCIAL



HEALTHCARE



EDUCATION



EXTERIOR LIGHTING



RESIDENTIAL



INDUSTRIAL



HOSPITALITY



RETAIL

Lighting Design

The objective of lighting design is to balance the needs, wants and must-haves of the client and end users. Tailoring each design to the intended solution and providing the optimum environment to engage with.

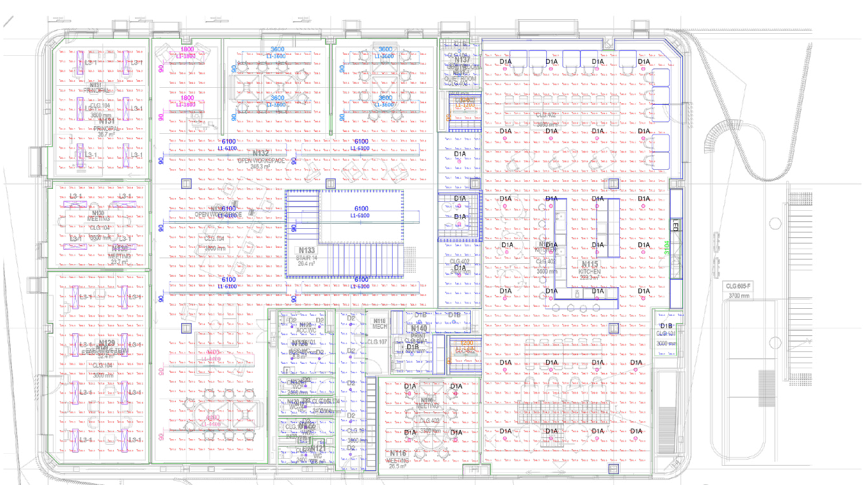
Our highly experienced design teamwork with you to achieve a design that meets the required objectives and focuses on reaching the desired output with minimum power consumption. Designs are custom and bespoke ensuring to fulfil the precise technical requirements of our clients.

To provide the best possible design service, designers sit alongside the sales team at all points of the project to understand the client’s story end proactively participate with you. The design team structure allows contact points from conception to inception. These contact points include:

- Concept development
 - Lighting Workshops
 - Concept Presentations
- Lighting documentation
- Design development
 - Site visits
 - Site surveys and audits
 - Client meetings
- Completion
 - Commissioning
 - On-Site focusing

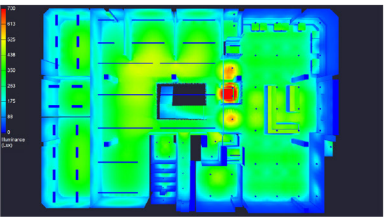
Our lighting design service would constitute the following:

- A documented lighting design to include both high-level and low-level documentation
- Suggested detailing for integrated lighting
- Lighting schedule outlining the specifications of proposed fittings
- Luminaire datasheet pack
- Lighting calculations outlining achieved lux levels and uniformity
- Support in technical submissions to ensure compliance with WELL, LEED, and Bream requirements
- Presentation and building of models to allow designers and architects to understand the impact of light.



1 LUX PLOT
SCALE: NTS

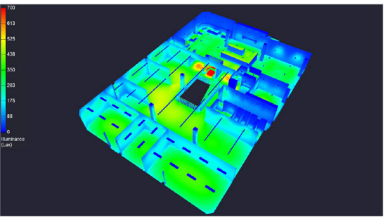
LUMINAIRE SCHEDULE						
Tag	Label	Symbol	LF	Lum. Lumens	Qty	Total Lumens
DIA	DIA LUX PRO M 28W 60DEG		0.000	2709	36	97,524
DIB	DIB LUX PRO M 28W 60DEG		0.000	2709	36	97,524
OP	OP LUX PRO S 11W 60DEG		0.000	1054	13	13,702
L1-1000	L1-1000 L1800 220V M 2200LM M		0.000	2709	2	5,418
L1-1800	L1-1800 L1800 220V M 2200LM M		0.000	4000	2	8,000
L1-3600	L1-3600 L1800 220V M 2200LM M		0.000	8101	4	32,404
L1-4400	L1-4400 L1800 220V M 2200LM M		0.000	9901	2	19,802
L1-6100	L1-6100 L1800 220V M 2200LM M		0.000	11206	6	67,236
L3	L3 PRO M 28W 60DEG		0.000	3632	18	65,376
CALCULATION SUMMARY						
Label	CalcType	Units	Avg	Max	Min	Grid Z
2400 LOWER CEILING FLOOR	Lux		485.23	501.9	156.0	0
2225 1 HAPPYDAY BOOTH TABLE Top	luminaire		336.32	369.5	319.2	0.75
2225 1 HAPPYDAY BOOTH TABLE Top	Lux		364.20	413.4	319.8	0.75
N115 STONE Workplane	luminaire		364.72	489.9	182.7	0.75
N115 MEETING RM. Workplane	Lux		342.03	433.6	136.0	0.75
N115 STONE Floor	luminaire		188.15	192.2	152.2	0
N121 WC CORRIDOR Floor	luminaire		225.97	436.7	159.5	0
N121 WC Floor	Lux		139.41	271.2	82.3	0
N122 WC Floor	luminaire		181.30	248.0	66.0	0
N122 WC Floor	Lux		164.35	266.1	66.1	0
N124 WC Floor	luminaire		164.49	266.1	66.7	0
N124 WC Floor	Lux		286.06	333.5	84.6	0
N129 EXECUTIVE TEAM Workplane	luminaire		373.25	437.4	271.9	0.75
N130 MEETING Workplane	luminaire		351.70	436.3	280.2	0.75
N131 PRINCIPAL Workplane	luminaire		363.17	452.2	260.4	0.75
N132 OPEN WORKSPACE	luminaire		414.30	501.1	216.4	0.75
N137 QUIET RM Floor	luminaire		282.39	377.5	206.0	0
N140 PRINT Floor	luminaire		324.01	487.3	175.3	0



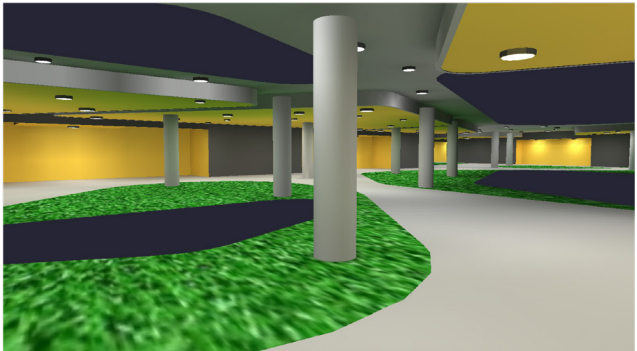
2 PSEUDO COLOUR RENDER
SCALE: NTS



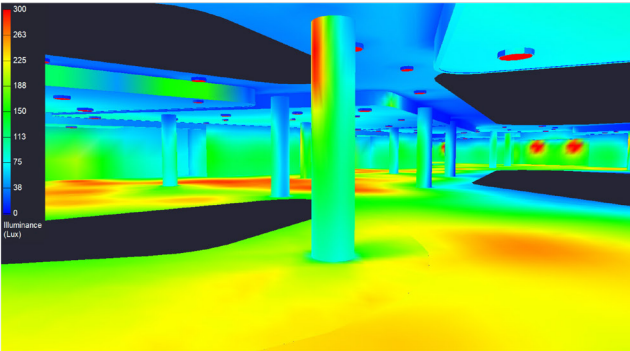
3 RENDER
SCALE: NTS



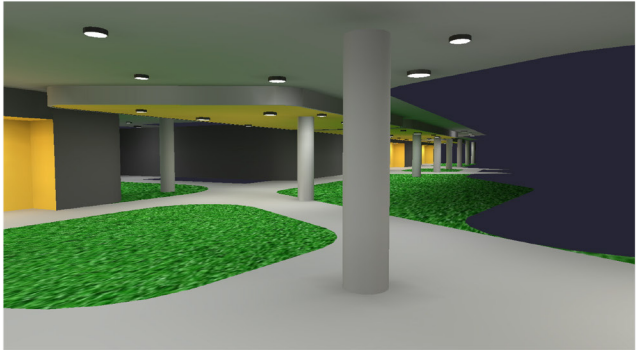
4 ISOMETRIC RENDER
SCALE: NTS



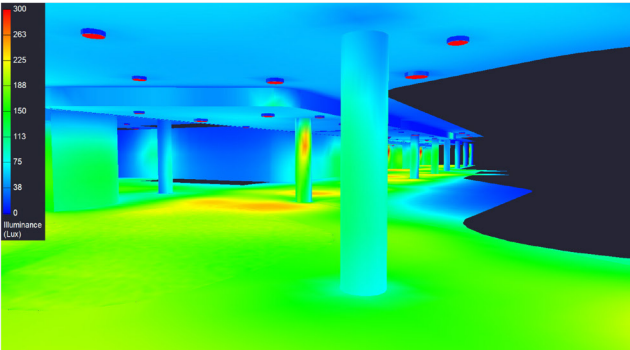
1 RENDER
SCALE: NTS



2 PSEUDO COLOUR RENDER
SCALE: NTS



3 RENDER
SCALE: NTS



4 PSEUDO COLOUR RENDER
SCALE: NTS



Product Research & Development

Having access to industry knowledge from all over the world, our experienced research and development teams design and create luminaires that are at the forefront of innovation in terms of energy efficiency and global trends.

Our global manufacturing partners design and produce high-quality luminaires for LPA specifically to suit regional requirements.

We can work with exclusive global and regional manufacturers to create unique lighting solutions.

Each product is created by sourcing high-quality components which are then tested for quality, performance, and safety. This ensures we can provide products that comply with relevant standards across the globe.

As a result of having manufacturing partners in locations across the globe LPA can manage rapid development and volume production, this results in shorter lead times on orders, reduced purchase price and adherence to local certification standards.

With our network of manufacturers, suppliers, warehouses, and office locations our teams can deliver anywhere in the world.



Smart System Solutions

As part of LPA Energy Group, we are able to provide smart lighting solutions. From Bluetooth lighting control to IoT data monitoring platforms, our purpose is to provide modern smart solutions for our clients that make a positive difference operationally, financially, and environmentally.

We work with integration partners to select the most appropriate lighting control and management technology for each specific project and client. This enables LPA to seamlessly deliver excellent lighting solutions matched to real-world client needs ranging from simple automation to highly complex dynamic scene & event control and remote oversight and control from any web-enabled device.

To maximize value from smart lighting systems LPA strongly recommends integration with other building systems through our WideSky® platform.

WideSky® provides a very robust cybersecurity layer and contextualizes the operational status, history and energy use of the lighting system. WideSky® also enables advanced real-time automated control functionality coordinated with other building systems and external factors such as weather forecasts.

WideSky® provides LPA customers unlimited aggregation and reporting of multiple sites, campuses and tenancies.

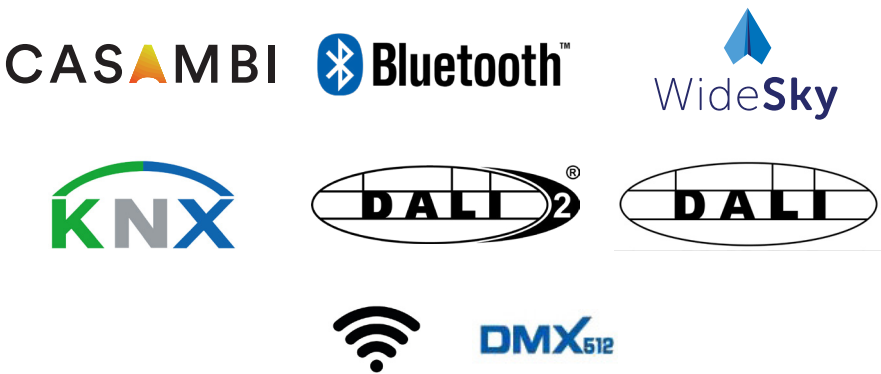
WideSky®
Merging smart lighting systems with our WideSky® software management platform brings a new approach to the integration of all aspects of smart building data.

WideSky® is an Australian, cloud-based IoT system, developed to make it easier for you to unlock the value of your data. Our SaaS and hardware solutions connect to almost anything, integrating with legacy equipment, IoT sensors and third-party software, eliminating data silos and giving your data context and meaning.

WideSky® monitors, analyses and reports on energy usage, the indoor environment, and space utilisation in real-time giving you visibility, insight, and control over the performance of your working environment. Users can access live data from as many locations as their business needs, on any device, allowing businesses to more effectively manage resources and drive cost reductions.

With simple, user-friendly tools businesses can interpret and act on information that otherwise may not be easily understood, leading to faster, data-driven decisions, reducing risk and cost, improving well-being and benefiting the environment.

WideSky® measures and monitors anything you want to the level of detail you need, and reports it how you want, and to whom you want.



Sustainability

LPA is committed to reducing the impact on the environment by increasing the energy efficiency of our products and decreasing energy usage in the production processes. We partner with our clients, suppliers, and other stakeholders to continually improve business processes that may affect the environment ensuring to measure, monitor and report on environmental management initiatives.

We drive our sustainability through three key pillars:



PLANET

We are actively looking at solutions that assist our clients in minimising their footprint on the environment.

Supply Chain

We have operational procedures that monitor our performance and we recognise that we are responsible for finding efficiencies throughout our supply chain to minimise our impact on the environment.

We care about minimising hazardous waste used in manufacturing by using recyclable components where possible and ensuring our service model maximises energy efficiency for our clients.

Packaging

We use biodegradable packaging where possible including recycled cardboard and eco-friendly products. If possible, all incoming cardboard is reused for repacking.

Recycling

Working alongside Ecocycle in Australia and Lumicom in the UK, LPA ensures responsible disposal of luminaires, fluorescent tubes, lamps and bulbs.



PEOPLE

People make a difference and can make a change. From staff to suppliers to our clients we want to create a positive future for everyone.

Business Integrity

LPA demonstrate a high level of professionalism with our employees, suppliers and manufacturers in complying with ethical and sustainable business practices.

We aim to reduce energy consumption and extend the life of products by staying up-to-date with the latest technologies and offering customers eco-compatible solutions.

Partners

We build partnerships – establishing long-term and effective relationships with staff, suppliers, manufacturers and clients.

Our partners are committed to achieving the same outcomes and continually strive to improve all areas of the business in sustainable practices.

Associations and Charity Partnerships

We partner with charities that are aligned with our business goals and vision and have memberships with associations relevant to regional industry requirements.



PERFORMANCE

We want to ensure our processes and practices make a difference. By measuring performance, we can ensure we are doing so. We use the best product and backed by WideSky® we can monitor and validate our environmental impact.

Product

We strive to improve best practices by providing innovative and energy efficient solutions for every project. Our products use the latest LED and driver technologies to deliver longer-lasting, more durable products with better light quality and efficiency and are tested to meet regional regulatory requirements. We offer a range of products with an Environmental Product Declaration (EPD), which provides information on the life cycle environmental impact of our products.

Design

Lower wattages, higher lumen output and higher efficacy in our products allow us to focus on designing for local requirements. Further to the technical developments in LEDs, our design methodology includes increasing the use of dimmers and control systems to reduce energy usage.

Controls & Sensors

LPA designs for the best light output using the most efficient fittings and are compatible with all control systems.

We are developing our energy management solutions in IoT technology and extending our offering to include resource optimisation software.

Implementation & Review

We are committed to achieving our sustainability goals and partnering with our suppliers to ensure success.

We are actively building an ecosystem of complementary technology partners in efficient HVAC, water treatment and similar systems.

By using WideSky®, we are able to monitor key objectives and targets allowing us to effectively manage our environmental performance using real-time data.





NIKE NYC OFFICE, USA



COUNTRY ROAD, AUSTRALIA



LULULEMON - HANGZHOU MIX CITY, CHINA



EARLWOOD RSL CLUB, AUSTRALIA



SHELL HOUSE, AUSTRALIA



TEA FORTE, USA



BALMAIN RESIDENCE, AUSTRALIA



LEVI'S STRAUSS, UK



111 PACIFIC HWY, AUSTRALIA



CANADA GOOSE, USA



THE BAYS HOSPITAL, AUSTRALIA



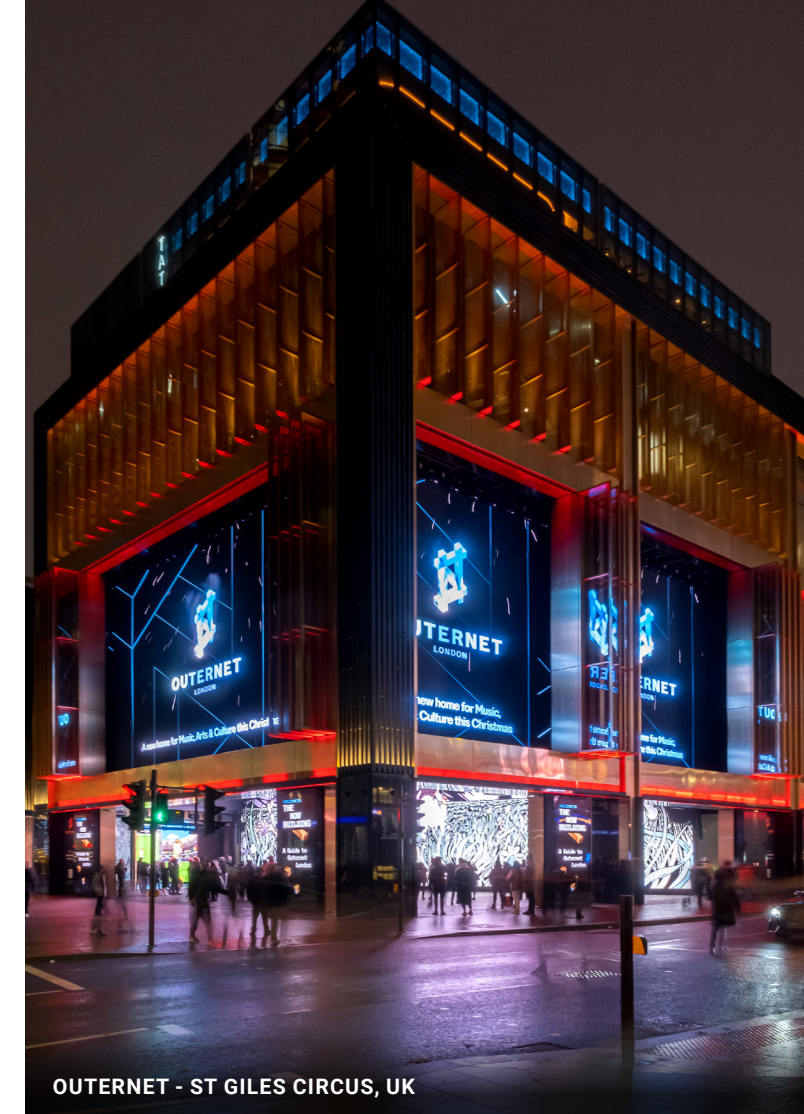
CABRINI HOSPITAL, AUSTRALIA



BACASH RESTAURANT, AUSTRALIA



HARVEY NORMAN, AUSTRALIA



OUTERNET - ST GILES CIRCUS, UK



NIO SHOWROOM - SHANGHAI, CHINA



DRURY LANE, UK



73 MILLER STREET, AUSTRALIA



SOLISIUM, AUSTRALIA



COTTON ON DISTRIBUTION CENTRE, AUSTRALIA















VICTORIANA, AUSTRALIA















SUBTYPE, NEW ZEALAND



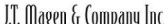



Some of Our Valued Clients





















































We Build Partnerships

Contact us today to discuss your next project



lpalighting.com