

Supermarket Lighting



About Us

Aglo is an Australian-owned lighting supplier, providing lighting solutions for the commercial and retail industries, bespoke luminaires and architectural features, and end-to-end project management services. Since 2004, we have grown to become a leading supplier of commercial and project lighting.

Our vision is to “continually improve our customers’ lighting experience,” through an optimal lighting design, high-quality products and personalised service.

We see our clients as our partners, working with them across all areas of project development from initial concept and budgeting, to design and specification, and right through to procurement, delivery and installation, and post-handover aftercare.

Our Services

Bringing your unique concepts into reality

Commercial Lighting Supply

As commercial lighting solution experts, our team can assist you with any project whether it be small and complex or large and dynamic, there is no limit to our capabilities.

Custom Lighting Solutions

We design and manufacture bespoke light fittings for large-scale developments, including shopping centres, casinos, hotels, luxury residences, and public spaces.

Lighting Design

Our lighting design team create lighting concepts and solutions to achieve an exceptional lighting experience which is both energy efficient and compliant.

Lighting Efficiency Upgrades

Our Energy Efficient Lighting Upgrades team has a solid record working with many high-profile customers throughout Australia and achieves outstanding results.

Project Management

High-quality, expertly delivered lighting packages aligned to design and specification, delivered with precision, efficiency, and expert project management.

Photometrics Lab

The LabSpion Goniophotometer is a key investment initiative to ensure lights and products supplied are all correctly specified to their designed light output beam angle and light quality colour rendering index (CRI).

Certified Casambi Commissioning Partner

As one of Australia's certified Casambi commissioning partners, we possess extensive expertise in commissioning Casambi smart lighting systems.

Bespoke Architectural Features

We create unique and complex architectural features, such as decorative wall screens, door handles and shades.

Our vision is to continually improve your lighting experience through an optimal lighting design, high-quality products, and personalised service.

Supermarket Lighting Specialists

Aglo has a proven track record of collaborating with numerous prominent supermarkets, shopfitters, architects, designers, builders, and electrical contractors. The first step in achieving the perfect lighting for your supermarket is to understand the space. Different areas of the supermarket require different lighting setups, depending on the products displayed, the height of the ceilings, and the amount of natural light entering the space. As experienced specialists in the supermarket industry, we understand the unique requirements in illuminating the fresh produce, aisle, point of sale, delicatessen, storage/food preparation, liquor, back-of-house, and entrance areas. We provide a seamless service, from planning your lighting design and fitting specifications, through to delivery and handover.





Above: Tan Hung Asian Grocery, The Glen, VIC | Right: Chadstone Market Pavilion, VIC





Above: IGA Inveresk, TAS
Left: Tugun Market Co, QLD

Lighting plays a key role in supermarket design. A perfectly tailored lighting environment can attract and guide the flow of people.

Lighting Design

Good lighting design is not just about visual comfort; it considers how each area can be enhanced by lighting, to make it inspiring, emotive, or engaging. Well-planned lighting drives sales and improves OH&S.

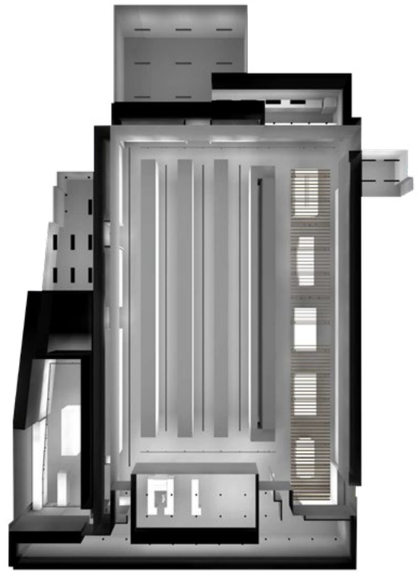
We can provide out-of-the-box concepts to achieve desired outcomes: from an even and balanced illumination across the site to using lighting for emphasis and decoration. We aim for optimum illumination for the lowest power consumption that meets the design brief and regulations. We take into account the structure of the building and its key features, along with Australian standard requirements and WELL/ Greenstar standards.

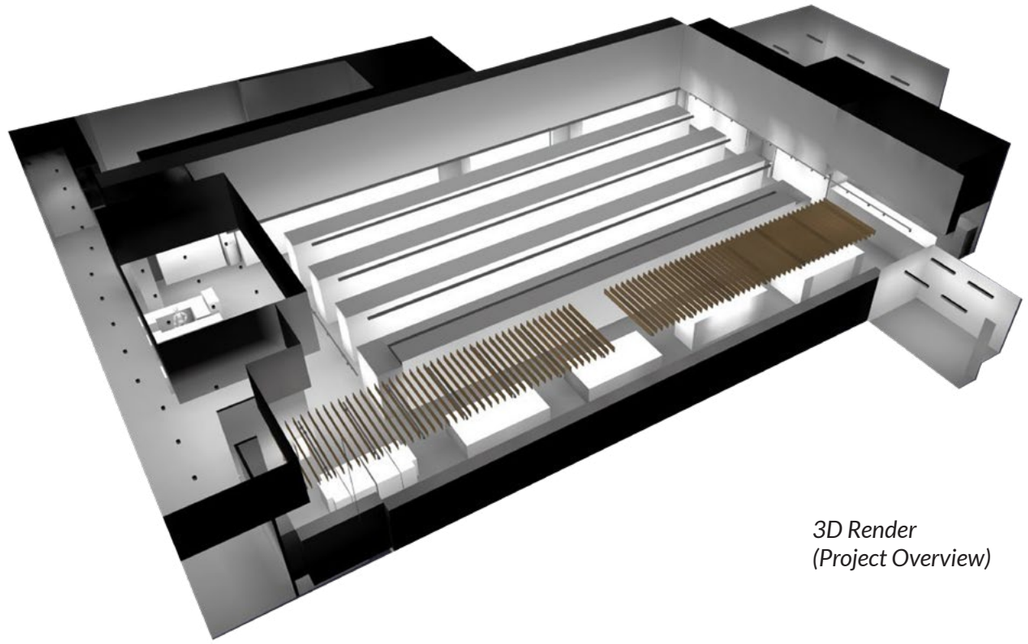
3D renders and pseudo-colour renders help evaluate rendered spaces, giving an idea of the lighting distribution within the space. This is done by graduating them on an illuminance scale and representing them in different colours or grey tones, where white/red is the highest illuminance level and dark grey/blue the lowest.

Services Covered:

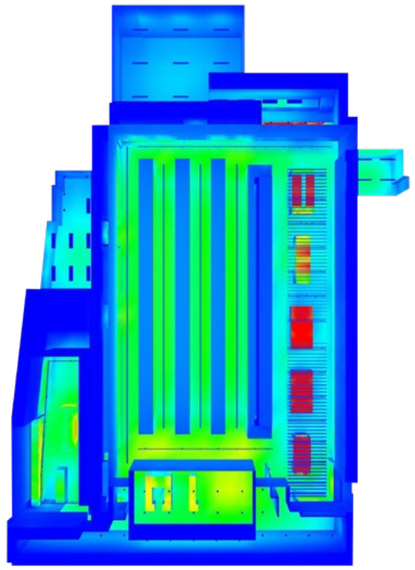
- Lighting consultation
- Lighting design concepts & plans
- Luminaire specification
- Australian Standards & BCA compliance
- Luminaire aiming & angling service

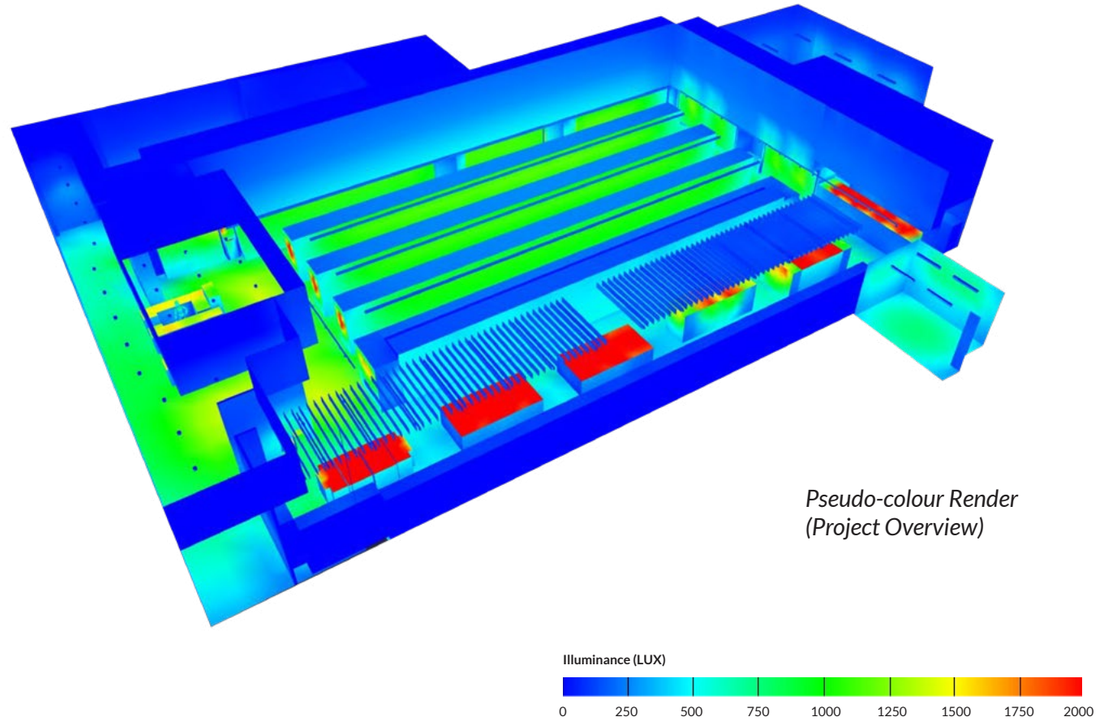
Right: IGA Thornhill Park, VIC





3D Render
(Project Overview)





Pseudo-colour Render
(Project Overview)



Our Brands

Mondolux is an innovative lighting brand developed by Aglo with a strong reputation for quality and technical performance. Through decades of combined work in the lighting industry, we understand the needs of the market and identified a gap in the current offering of lighting companies.

We know the challenges in specifying high-performance LED luminaires and have developed a comprehensive product range specifically suited to commercial and project applications. All products are thoroughly tested, warranted and certified to meet Australian, New Zealand and European compliance standards.

The Mondolux website features extensive technical information for ease of access, including downloadable resources, a product configurator and an illuminance calculator to make sourcing the perfect lighting solution simple.

We continue to invest in research and development, to ensure our products are best in market and include the latest in technological advancements.


Downlights


LED Strips & Bendable Neons


Trunking Systems


Outdoor & Exterior Lighting


Spotlights & Tracklights


Battens, Panels & Troffers


Low Voltage Track System


Pendants


Linear LED & Extrusions


Track


Flood Lights & High Bays


Casambi

MONDOLUX™

HE Series
By Mondolux

Designed to deliver class-leading performance while reducing energy consumption and costs, the Mondolux HE Series features advanced technology and state-of-the-art engineering, providing unrivalled efficiency, longevity, and versatility.

The HE Series has been carefully crafted to deliver superior luminous efficacy, achieving high light output with significantly lower energy consumption, while maintaining excellent light quality and consistency across applications. This results in reduced operating costs and a smaller carbon footprint, while also generating less heat, helping to minimise HVAC demand and improve overall building energy efficiency.

The HE Series incorporates Downlights, Spotlights, Tracklights, Linear LED Strips, Trunking, and High Bays, offering a comprehensive solution for a wide range of applications across commercial, retail, and industrial environments.

Each product has been engineered for performance and efficiency, delivering strong photometric quality with CQS 90 and TM-30 90 ratings, as well as CRI90 for accurate colour rendering. Colour consistency is maintained through a tight 2-Step MacAdam Ellipse, while reduced drive current enhances reliability and extends lifespan, achieving lumen maintenance (L70) greater than 64,000 hours*.

	Quantity	System Power	Luminous Efficiency	Total Lumen per Luminaire	Total kW	KWh (p.a)
Standard Product	112	30W	801m/W	2,4021m	3.5kW	12,288kWh Based on 10hrs of operation per day
Mondolux HE Series	95	22W	1501m/W	2,4021m	2.2kW	8,019kWh Based on 10hrs of operation per day

*This reflects an average liquor store across the Mondolux HE range. Greater savings may apply, example only.

When compared to the above example, the Mondolux HE Series generates:

$2,134.50 Cost Savings
From power reduction
(At 0.25 per kWh Tariff p.a)

9.13t Decrease of C02 Emissions
(tC02e) (p.a)

The Equivalent of 736,025 Smartphones Charged

Saving 3,384.798kg of Coal Burned

98 Eucalyptus Tree Seedlings Grown
For 14 years (p.a)

8,538 kWh (p.a) Total Power Saving



Aisle Lighting

The best lighting design for aisle lighting in supermarkets is one that provides bright and uniform lighting, highlights specific products or areas, and reduces shadows and glare. To achieve this, a combination of different lighting fixtures and techniques can be used.

It is important to consider the colour temperature used in aisle lighting. A warm white colour temperature (around 2700K-3000K) is ideal for creating a welcoming and comfortable atmosphere, while a cooler white colour temperature (around 4000K-5000K) can make products appear brighter and more vibrant. A combination of both warm and cool white colour temperatures can be used to create contrast and depth in the lighting design.

The placement of the lighting fixtures is another important factor to consider within the lighting design for aisle lighting. The fixtures should be placed in a way that reduces shadows and glare, and ensures that the entire aisle is evenly lit. The height of the fixtures should also be considered, as fixtures that are too low can create glare and fixtures that are too high can create shadows.

Right: Flannerys, Miami, QLD

Effective Product Options for Aisle Lighting in supermarkets:



Hartley HE

A highly efficient spotlight leading the way in sustainable lighting. Delivering class-leading system efficacy of up to 160lm/W* and premium light quality, this compact spotlight features specially designed laser-cut reflectors, an integral driver and a high-efficiency COB LED. Thoughtfully engineered with a minimal aesthetic, Hartley HE offers a rotation angle of up to 350° for illuminating aisles and displays. An ideal, economical solution for supermarkets..
*Tested at 19W & 4000K with a spot beam angle.



Mons-C

Featuring a double asymmetric lens, the Mons-C Trunking System is an ideal solution for aisle lighting. Easy to install, link and maintain, it helps reduce installation costs while delivering uniform illumination from top to bottom, ensuring products are clearly lit throughout the aisle.



Pesaro Maxi Adjustable

Requiring minimal installation, the Pesaro Maxi Adjustable enables greater flexibility in supermarket applications. This linear tracklight features an ultra-thin design with an almost invisible gap, ensuring a sleek, modern look. Incredibly efficient and available in a range of wattages, this luminaire is perfect for spaces where high light levels are needed.



Point of Sale Area Lighting

The point-of-sale area should be bright, and comfortable for employees and customers. Low-glare and high lumen output LED light fittings allow employees and customers to see the goods and cash register without discomfort or harsh glare.

We place a major focus on this area being well lit, to not only provide a good experience for the staff and customers but to emphasize impulse buying opportunities as the customer is getting ready to leave the store.



Above: Flannerys, Miami, QLD | Right: Tugun Market Co, QLD

Effective Product Options for Point of Sale Area Lighting:



Hartley HE

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Polar

One of our most popular luminaires and a true all-rounder, Polar combines design flexibility with high efficacy (up to 137lm/W at CRI90) across a wide range of outputs and optical options. Its deep-set profile and precision-engineered low-glare aluminium reflector deliver exceptional visual comfort. With up to 30° tilt adjustment, Polar can be precisely aimed to suit any application.



Cosmos

For general lighting within the point-of-sale area, our Cosmos High Bays are an ideal solution due to their ability to provide uniform and bright lighting for large areas. These types of fixtures are typically suspended at a height of 6m or more and are designed to illuminate spaces with high ceilings. Made with die-cast aluminium alloy housing in black powder-coat, Cosmos comes with IP65 and IK08 rating. High bay fittings are also energy-efficient and have a longer lifespan compared to traditional lighting solutions, making them a cost effective option for supermarkets.



Fresh Produce Lighting

Thoughtful lighting design brings shape, colour and texture to life. In fresh produce areas, the right lighting helps displays feel bright, dimensional and inviting, without appearing artificial or over-enhanced.

Fresh produce is one of the most visually important areas in a supermarket. Often positioned near the entrance, it helps set the tone for the shopping experience. Lighting plays an important role in how customers perceive freshness and quality.

Think crisp leafy greens, seasonal fruit that looks glossy and full of colour, and a natural spectrum of tones across the display.

Designed Around the Produce

Specialised lighting design takes into account the unique requirements of different produce categories, display types and store layouts.

Open displays, tiered shelving, crates, island tables and refrigerated cases all interact with light differently, making placement, beam angle and aiming essential to the overall result.

A good lighting design also considers additional requirements needed for specific produce; for example, avoiding direct illumination over light-sensitive products avoids potatoes greening or leafy vegetables wilting.

Instead, lighting can be carefully positioned to enhance the overall presentation of the fresh produce area while supporting product quality, longevity and shelf life.

By tailoring the lighting design, supermarkets can create an environment that feels balanced, premium and easy to navigate, helping improve the overall experience and support stronger sales.

Design Considerations:

- Lighting placement and aiming
- Beam angle selection
- Display height, shape and layout
- Produce category and light sensitivity
- Contrast between key display zones
- Colour quality and consistency
- Glare control for customer comfort
- Flexibility for seasonal layouts
- Energy efficiency and long-term performance

Effective Product Options for Fresh Produce Lighting:



Hartley HE

Hartley HE is a highly efficient spotlight designed for sustainable retail lighting. Delivering class-leading efficacy of 160 lm/W and premium light quality, it is ideal for fresh produce displays where colour, clarity and presentation are essential. Its compact design incorporates a laser-cut reflector and integral driver for a clean, minimal appearance. With up to 350° rotation, beam angles down to 15°, and advanced HE+ chip technology, Hartley HE delivers precise illumination with high CRI and CQS performance, ensuring produce appears vibrant, fresh and true to life. Available in custom configurations and tested at 19W, 4000K, Hartley HE is an economical, high-performance solution for supermarket environments.

Right: IGA Thornhill Park, VIC

Delicatessen Lighting

The lighting design for the delicatessen area looks to ensure meats, cheese and cooked goods are well presented but also considers the temperature impact of goods. The primary goal of the delicatessen area is to showcase the meat's natural appearance, not to provide high levels of illumination.

Overly bright lighting can cause the meat to lose its red colour, become discoloured, and lose its freshness. Therefore, it is crucial to strike a balance in the lighting design that will properly highlight the meat's texture and appearance while maintaining its freshness.

Effective Product Options for Delicatessen Lighting:



Enso Panel

Available in three sizes and Micro Prismatic options: 1195mm x 595mm, 595mm x 595mm, and 1195mm x 295mm. The Enso Panel delivers exceptional energy efficiency of up to 150lm/W, providing bright, uniform illumination with long-lasting performance. Its advanced backlit design resists yellowing over time, with optional low-glare and smart control features.



Siena

Available in four sizes (Tiny, Mini, Midi and Maxi), the Siena Downlight has excellent heat management with die cast aluminium housing and supports both natural white and warmer optics. This downlight is the ideal choice for Delicatessen Lighting when specified with a narrow beam angle.

Left: IGA Pelican Waters, QLD | Right: Tugun Market Co, QLD



Back of House, Storage & Food Preparation Lighting

Although customers may not have access to the storage and food preparation areas, these spaces are crucial for staff to carry out required tasks. Therefore, the priority is given to practicality and ensuring a safe and efficient work environment, rather than focusing on the aesthetic appeal of the lighting used. It is also important to ensure that the lighting design complies with the regulations set by the Building Code of Australia.



Images: Tugun Market Co, QLD

Effective Product Options for Back of House, Storage and Food Preparation Lighting:



Gela Batten

Used to provide effective overhead lighting in storage areas, the Gela Batten can be easily installed onto the ceiling or walls as required. IP66 rated with Tri-proof protection from dust, corrosion, and moisture Gela is popular for these areas because they are easy to clean, sealed, energy efficient and provide a bright and even light distribution.



Esen

Perfect for back-of-house (BOH) applications, the Esen offers a cost effective solution. With typical efficiency of >100lm/W and IP44 rating as standard, it is an efficient all-rounder suitable for installation in amenities, kitchens, wet areas and other BOH areas. A clean, low-glare design with deep baffle and deep-set light source ensure optical comfort, and the ø100mm size makes it a breeze to install.

Enso Panel

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Promotional Area & Aisle End Lighting

The promotional area is usually featured at the end bay of aisles or in a dedicated position within the supermarket. Lighting for this area needs to be targeted, to better attract customers at first glance and draw them to the promotion special buys/ products and discounts. Lighting for this area should be brighter than the surrounding environment to attract attention.



Above: Flannerys, Miami, QLD | Right: IGA Mansfield, VIC

Liquor Lighting

When designing lighting for the liquor area, it's important to consider key factors such as sufficient brightness, appropriate colour temperature, the use of accent lighting, and energy efficiency. Brightness should be balanced to ensure products are clearly visible without creating a harsh or uncomfortable environment. Warmer colour temperatures can help create a relaxed and inviting atmosphere while still maintaining consistent and even illumination across displays. Accent lighting can be used to highlight specific products, premium ranges, or promotional features, helping to guide customer attention.
By carefully considering these elements, the lighting design can enhance product visibility, improve the overall presentation, and create a comfortable environment that encourages customers to browse and engage with the space.

Effective Product Options for Liquor, Promo Area & Aisle End Lighting:



Hartley HE

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