aglo
SYSTEMS

Project Lighting Solutions
End-to-end service

A solution for every lighting situation

Trust in Aglo Systems to handle all aspects of your lighting needs

Project Lighting Solutions

Aglo Systems partners directly with architects, shopfitters, builders, interior designers, lighting designers, electricians, wholesalers and end users to provide a seamless, end-to-end lighting service.

Aglo's solution includes an in-house lighting design service which enables clients the opportunity to receive advice and documentation for all their lighting requirements. Professional CAD documentation, Building Code of Australia (BCA) calculations, 3D rendering and complete fitting specifications are all included in the service, ensuring the need of each client is met — for retail, commercial or industrial application.

Where our lighting design facility is not required, we aim to be your specified lighting supplier of choice by providing a total product supply service, which includes emergency lighting and specific product sourcing.
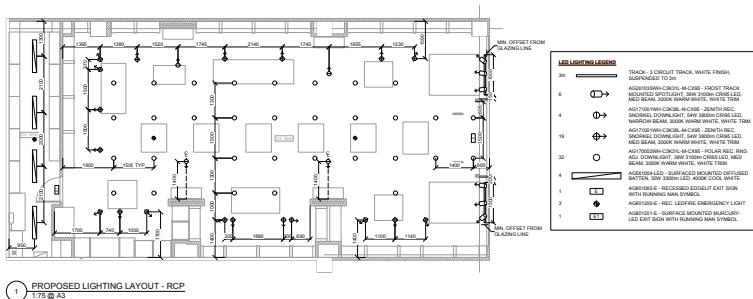
To back the quality of our product, all LED fittings supplied by Aglo are covered by a 3 year product and installation warranty for replacement or refund.

LED Comparison

LED products are used in our designs to ensure energy savings and long life solutions. We can easily show you how much energy and maintenance costs you can save by converting your existing lighting design to incorporate LED fittings. We offer a free LED comparison (with Dialux, if requested) based on an existing design to explain the savings in practice.

Lighting Design Process

We will collaborate with you to create a brief covering the lighting requirements, aims, themes, necessary hero displays and emergency illuminated signage needs. We will also discuss the type of product on display, the desired ambience and gain a full understanding of the type of space before putting together a proposed lighting layout, also known as a Reflected Ceiling Plan (RCP). For project sites within shopping centres, we will ensure that the strict lighting criteria and necessary documentation are addressed.
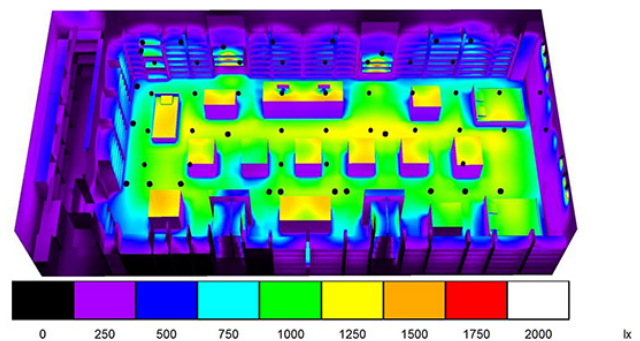

Example of a Reflected Ceiling Plan

The BCA contains regulations on health, safety, amenity and sustainability within the design, construction and performance of buildings. The requirements for energy efficient lighting design can be found under section J6 of the BCA. Every design we produce complies with BCA regulations, which takes into account the allocated wattage per square metre and requirements for individual lighting tasks.

Room Name	Usage	Max IPD	Area	Perimeter	Ceiling Height	Room Aspect Ratio	Maximum room wattage	Design Wattage	Complies
Retail	Retail Space	22	139	49.8	3.69	0.75	4066		
Store	Store	8	16.5	22.9	3.69	0.57	234		
Total			*155.5*				*4299*	*3146*	*YES*

Ceiling Lighting		Retail		Store Room	
Fitting	Allowance	Qty	W	Qty	W
AG261035WH-C3K31L-M-CX95 - FROST TRACK MOUNTED SPOTLIGHT, 39W 3100lm CRI95 LED, MED BEAM, 3000K WARM WHITE, WHITE TRIM	43	6	258	0	0
AG171001WH-C3K38L-N-CX95 - ZENITH REC. SNORKEL DOWNLIGHT, 54W 3800lm CRI95 LED, NARROW BEAM, 3000K WARM WHITE, WHITE TRIM	60	4	240	0	0
AG171001WH-C3K38L-M-CX95 - ZENITH REC. SNORKEL DOWNLIGHT, 54W 3800lm CRI95 LED, MED BEAM, 3000K WARM WHITE, WHITE TRIM	60	19	1140	0	0
AG170002WH-C3K31L-M-CX95 - POLAR REC. RND. ADJ. DOWNLIGHT, 39W 3100lm CRI95 LED, MED BEAM, 3000K WARM WHITE, WHITE TRIM	43	32	1376	0	0
AG561004-LED - SURFACED MOUNTED DIFFUSED BATTEN, 30W 3000lm LED, 4000K COOL WHITE.	33	0	0	4	132
Total			3014		132

Example of a BCA Calculation and fitting schedule

For complex projects we can present your proposed lighting design in 3D. We convert your floor plan CAD files (from architect or shopfitter) to 3D using Dialux software to measure the lux levels in all areas of the illuminated space to provide a virtual representation of the project. This will clearly indicate the expected light output and distribution.

| | 0 | 250 | 500 | 750 | 1000 | 1250 | 1500 | 1750 | 2000 | lx |

Example of a Dialux false colour rendering

Example of a 3D rendering

LED Colour Accuracy

The Colour Rendering Index (CRI) indicates the ability of a light source to accurately render all frequencies of its colour spectrum when compared to a perfect reference light such as incandescent or daylight. It is rated on a scale from 1-100. The lower the CRI rating, the less accurately colours will appear.

We recommend high CRI rated fittings in many retail situations to show the products' most accurate colouring. For example, a tie shop, cosmetics counter or art gallery would greatly benefit from a high CRI rating, making all colours appear as natural as possible.

There are also numerous types of LEDs available which can bring out the best of different colours. These are perfectly suited for specific applications such as fashion; fresh food - meat or bakery; or to show crisp whites.

Comparison of product under a 90 CRI light versus a standard 80 CRI light

Product Supply

Aglo's range of products are the latest in lighting technology, specifically sourced by our product development team, from around the world. Over recent years there has been a dramatic improvement in light source technologies. Aglo has been at the forefront of these developments and works alongside world leaders in light source technologies to develop light fixtures to suit our clients.

Constantly moving with lighting trends, Aglo carefully selects products from the best European and Asian suppliers. We ensure our products are of the highest quality, offering a perfect balance between light performance and design so our range offers the best lighting solution for any type of project.

Sales Team and Warehouse

Aglo has an experienced and professional sales team that strives to provide quality customer service and competitive quotations with a quick turnover time. They are also capable of providing alternative products to match specified fittings on an existing lighting schedule.

Our warehouse and assembly team are highly skilled with the ability to resolve urgent and/or complicated orders. Customised orders are assembled on-site and shipped nationwide. We can even arrange warehousing of items for extensive roll outs.
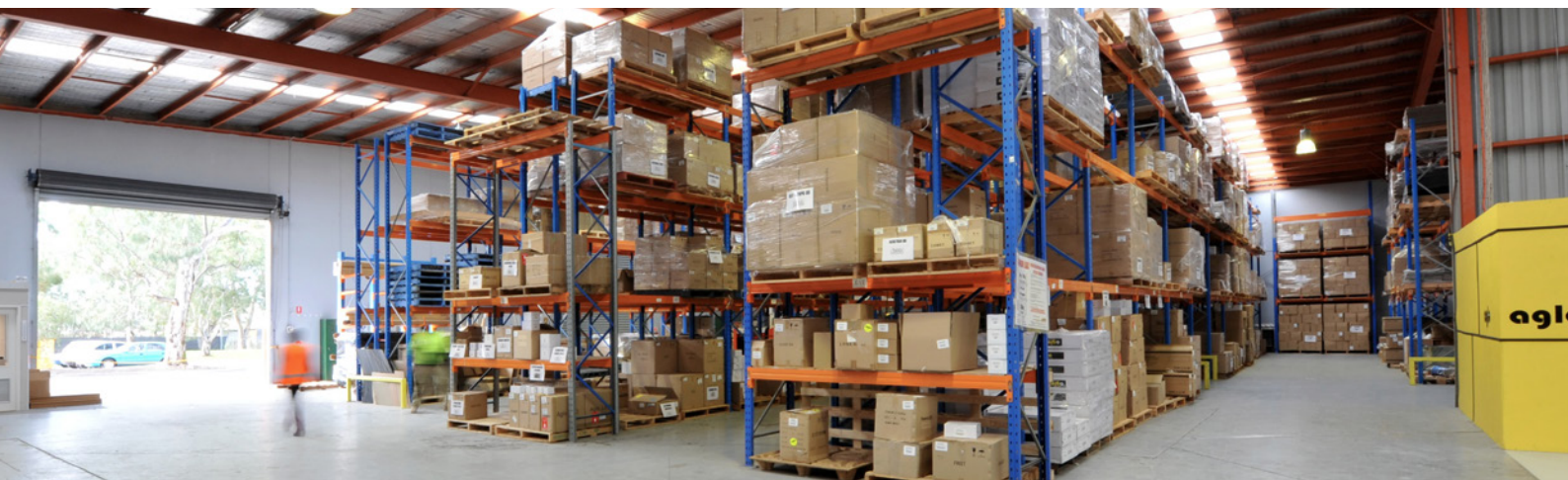

Lighting design and supply for Henry Bucks, Melbourne

Lighting supply for Optus, nationwide

In-house product assembly at Aglo

An extensive product range is held at Aglo's warehouse

Aglo Systems
provides commercial, retail and industrial LED lighting solutions Australia wide.

Aglo Systems are specialists in lighting design and supply of LED highbays, downlights and floodlights for retailers, factories, offices and warehouses. We are an Australian owned company providing an extensive end-to-end Project Lighting Solution starting with design and consultation through to manufacture, supply and installation.

Our Lighting Efficiency Upgrades department performs lighting audits and retrofit upgrades (leveraging government rebates) to reduce your power bills and improve the overall lighting quality.

The Custom Design and Manufacturing department works in partnership with architects, shopfitters, consultants & lighting designers to engineer and create unique luminares — and practically anything else!

With many years of experience, our dedicated team strives to provide a streamlined service with the finest attention to detail while maintaining competitive prices. By combining the latest technologies and highest quality components on the international market with in-house assembly, Aglo Systems guarantees high end products and an extensive range.

We are your one-stop lighting specialist.

Lighting Council
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MEMBER

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aglo
SYSTEMS

Colette by Colette Hayman - nationwide

Harris Scarfe - nationwide

Bank of Melbourne - Victoria wide

Gewurzhaus – Melbourne & Sydney

Victoria Station - nationwide