



AUSTRALIAN GEOGRAPHIC
EASTLAND

Project Lighting Solutions
End-to-end lighting management for retailers



JD SPORTS

A solution for every lighting situation

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

Project Lighting Solutions

We are experts in highly complex and dynamic projects in the retail space, from single large format stores to nationwide chain store rollouts. Aglo Systems has a proven track record working with many leading retailers, shopfitters, architects and shopping centres in providing a seamless end-to-end service.

Aglo's solution includes an inhouse 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.

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.

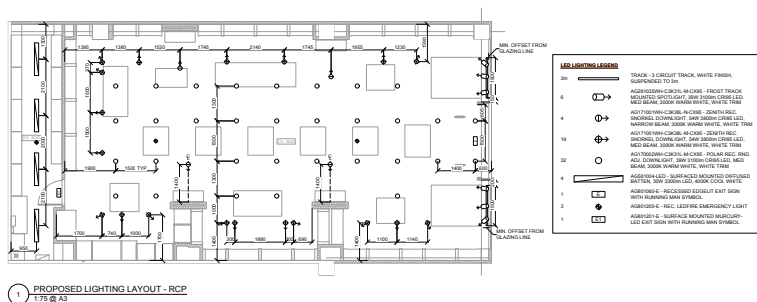
To back the quality of our product, all LED fittings supplied by Aglo are covered by a 3 year product and installation warranty.

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

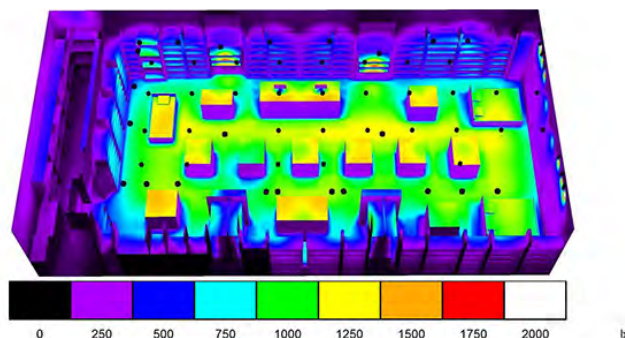
The BCA contains regulations on health, safety, amenity and sustainability within the design, construction and performance of buildings. The requirements for energy efficient lighting design can be found under section J6 of the BCA. Every design we produce complies with BCA regulations, which takes into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

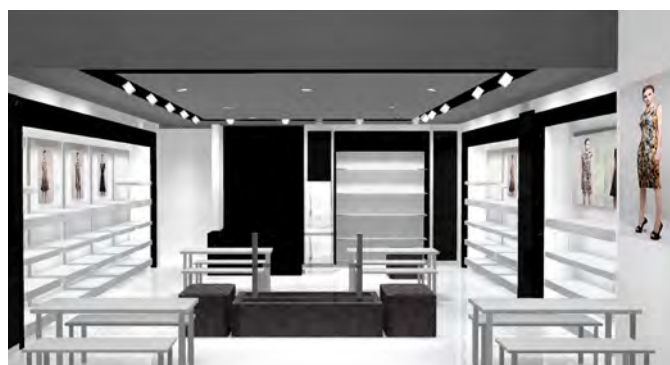
Ceiling Lighting Fitting	Retail		Store Room	
	Allowance	Qty	W	W
AG261035WH-C3K31L-M-CX95 - FROST TRACK MOUNTED SPOTLIGHT, 39W 3100lm CR95 LED, MED BEAM, 3000K WARM WHITE, WHITE TRIM	43	6	258	0
AG171001WH-C3K38L-N-CX95 - ZENITH REC. SNORKEL DOWNLIGHT, 54W 3800lm CR95 LED, NARROW BEAM, 3000K WARM WHITE, WHITE TRIM	60	4	240	0
AG171001WH-C3K38L-M-CX95 - ZENITH REC. SNORKEL DOWNLIGHT, 54W 3800lm CR95 LED, MED BEAM, 3000K WARM WHITE, WHITE TRIM	60	19	1140	0
AG170002WH-C3K31L-M-CX95 - POLAR REC. RND. ADJ. DOWNLIGHT, 39W 3100lm CR95 LED, MED BEAM, 3000K WARM WHITE, WHITE TRIM	43	32	1376	0
AG561004-LED - SURFACED MOUNTED DIFFUSED BATTEN, 30W 3000lm LED, 4000K COOL WHITE.	33	0	0	4
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.



Example of a Dialux false colour rendering lux map



Example of a 3D rendering

High Colour Saturation LED

Introducing the latest generation of Citizen Brilliant Vivid LED range. It provides beautiful and enriched high colour quality light for colour sensitive applications such as high end retail stores.

In addition to a high color rendering, Citizen Vivid LEDs were designed to make the hue, lightness and saturation of objects more faithful. They can represent a full range of fine, natural colour gradation in comparison with a standard LED. With the greater range of colours and contrasts, the texture and detail of a product is more apparent.

Aglo focus on quality high CRI LED products that will suit almost all applications, but for a premium store where colour is most important this special range of LED should be considered. The LEDs can be fitted into our extensive range of downlights, track spots and shop lights. Citizen Brilliant Vivid LED is available in 2700K - 5000K colour temperatures and several intensity options.



Standard LED 3000K CRI 80



Brilliant Vivid LED 3000K CRI 97

Product Supply

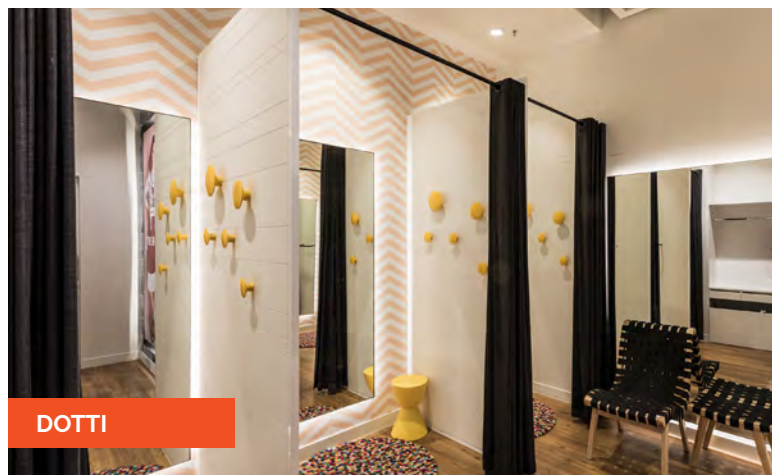
Aglo's range of LED products are the latest in lighting technology, specifically sourced by our product development team, from around the world. Over recent years there has been a dramatic improvement in light source technologies. Aglo has been at the forefront of these developments and works alongside world leaders in LED 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 commercial grade quality, offering a perfect balance between light performance and design. Our range offers the best lighting solution for any type of project.

Sales Team and Warehouse

Aglo has an experienced and professional sales team who strive 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.



An extensive product range is held at Aglo's warehouse

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

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

Our Lighting Efficiency Upgrades department performs lighting audits and retrofit upgrades (leveraging government rebates) to reduce power consumption, lower maintenance costs and improve the overall lighting quality.

The Custom Design and Manufacture department works in partnership with architects, shopfitters, consultants & lighting designers to engineer and create unique luminaires and bespoke architectural features.

The Sports and Area Lighting department design and supply for all aspects of premium LED sports facility lighting and provide lighting solutions for areas such as loading docks, car parks, public parks and pathways.

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 inhouse assembly, Aglo Systems guarantees high end products and an extensive range.

CREATE SIMPLIFY DELIVER™

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