

Global Lighting & Controls

OEM SOLUTIONS



LIGHTING, CONTROL AND INTERFACE SOLUTIONS

2025-26

www.globallightingcontrols.com



GL&C

OEM Solutions Product Catalog

Global Lighting & Controls is proud to offer some of the most advanced solutions for lighting fixture and control system manufacturers on the market today. GL&C solutions focus on today and tomorrow, enabling OEMs to create fixtures and control systems that allow for luminaire level control.

GL&C represented products are the foundation of the move towards IoT and Total Building Automation.

GL&C offers products from a select set of manufacturers whose products are specifically designed to take advantage of emerging technology.

The GL&C Approach

GL&C is focused on the Future

The way you design and manufacture lighting fixtures today is about to be vastly different. Evolving codes, trends and technology will completely change fixture designs.

Our select group of manufacturing partners have created components and technology designed for the growing trends of **Networked Lighting Controls (NLC)**, **Open Standards**, **Luminaire Level Lighting Control (LLLC)** and Integration for **Total Building Automation**.



Factors Driving Change

Networked Lighting Controls

Many state energy codes are now requiring networked lighting controls, and even companies that specialize in standalone controls are now offering networked systems. Devices from GL&C partners can make it easy for your fixtures to be compatible with ANY network system, whether wired or wireless.

Open Standards

Lighting control companies are moving away from proprietary system protocols to open standards. GL&C can provide more open standard devices than any other company. Bluetooth, DALI, Casambi, INGY, Xicato, DMX and so many more.

Luminair Level Lighting Control

A step beyond Networked Lighting Controls, Luminaire Level Lighting Control enables each fixture to be individually addressable and controllable. Are your fixtures ready to be added to an LLLC system? GL&C can help!

Total Building Automation

The Internet of Things (IoT) is poised to bring massive changes to our industry. The combination of IoT and AI allows for "**Total Building Automation**" where EVERY system in a building can have true two-way communication, share data, and issue commands to other systems. GL&C has this technology now! Are you ready?

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DANLERS

Lighting Controls & HVAC Controls

DANLERS Limited is a family-owned UK company with a rich heritage of designing and manufacturing innovative, high-quality, energy-saving electronic controls.

The world's largest producer of network occupancy sensors is Danlers, which makes fixture mountable sensors in a variety of shapes and sizes.

Fixture Mount Sensors



MINI

Danler MINI PIR sensors come in multiple size, color and range configurations. With an easily connected power supply and 6 amp relay and either 0-10V or DALI output.

Under the TAA, products from "designated countries" (with which the US has a trade agreement) are granted the same status as US products. The UK is a TAA-designated country under the World Trade Organization Government Procurement Agreement (WTO GPA).

TAA Compliant



for
BAA Acceptance



MOD



Danler MOD PIR sensors come in multiple color and range configurations. Powered off the drivers auxillary output, they have an internal 6 amp relay and either 0-10V or DALI output.

Ceiling Mount Sensors



Danlers also has a complete line of ceiling mounted sensors that are available for private label.



SCAN ME

Thermal Sensors Ultimate

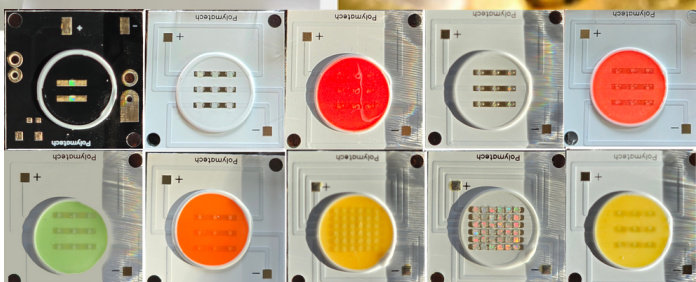
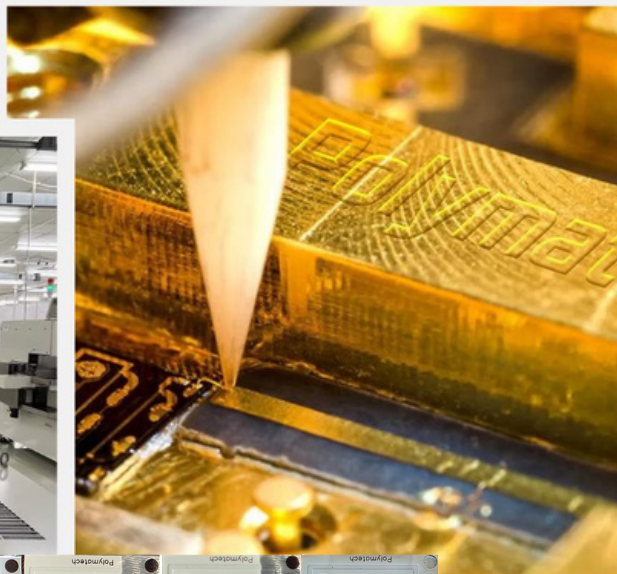
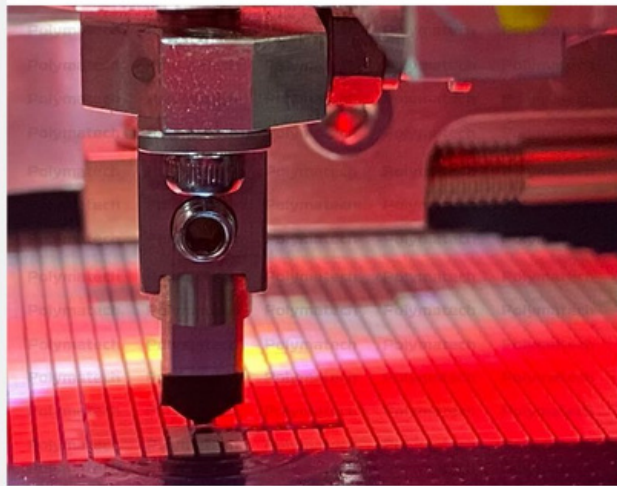
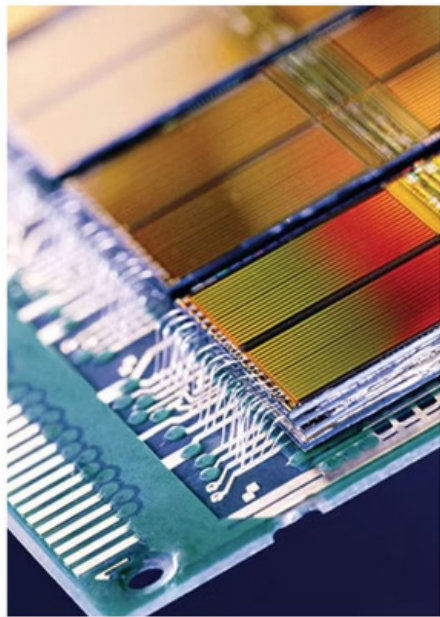


DANLERS
Lighting Controls & HVAC Controls



Polymatech[®] Superior

Chip on Board (COB) LED Technology



BAA
BABA
Compliant

COB (Chip-on-Board) is a type of LED technology where multiple individual LED chips are densely packed onto a single circuit board to create one continuous, intense light source, eliminating individual hotspots seen in traditional LEDs. Traditional LEDs use spaced-apart, packaged chips on a circuit board. Superior efficiency due to reduced thermal energy loss in optimized designs.

COB LED Technology for:

- General Lighting
- Surgical Lighting
- UV Curing
- Hair Therapy
- Wound Healing
- UV Light Therapy
- Sleep Disorders
- Medical IR Imaging
- Hortaculture

Polymatech[®]

A Step Ahead

Introducing CCOB-Control Chip on Board



Polymatech is out to revolutionize the lighting industry! First with COB's made in the USA and now the first mainstream LED board manufacturer to add wireless control directly to the board!

- **Eliminates the need for a dimming driver**
- **Wireless protocol agnostic**
- **Reduces weight**
- **Field Changable**

CONSTRULITA®

EL SENTIDO DE LA LUZ

LIGHTING FIXTURES FROM

Construlita

Need a new fixture type to round out your offering?

Construlita has the solution. Construlita only markets their UL certified fixtures to fixture OEM's in the U.S. and Canada. Every fixture can be private labeled and customized to your specifications.

Construlita will also partner with you on the development of new fixture models.

Looking for a near-shore manufacturing partner? Construlita is the largest lighting fixture manufacturer in Mexico. You get the cost benefits of Asia with the communication and logistic benefits of North America.

Below are just some of the many fixture types available.



PREFORMA PRO

It is a unique solution in its type since it is a downlight for general lighting of up to 100W of power, created to offer lighting levels for a double or triple height; it also has a 0-10V control protocol and an optical design based on a specular aluminum reflector that favors the control of the light.

HIGH POWER DOWN LIGHT



TRAZZO

Trazzo is shown as a highly configurable linear solution, ideal for spaces where there is a need for general lighting or accent lighting where it is essential to provide high visual comfort, which is given by the integration of dark light optics; the wide technological offer offers the possibility to select between luminaires with direct, indirect or direct-indirect light emission, as well as the opening to choose between different dimensions, finishes, luminous fluxes, color temperatures and installation forms.

AN APPROACHABLE, MALLEABLE
CYLINDER SYSTEM DESIGNED TO DRAM

SOFTLIGHT

Family of high-efficiency luminaires (145 lm/w), modulated in 2x2, whose main function lies in the provision of general lighting for work spaces where the stimulation of dynamic and productive environments are a priority, while construction and cleaning in the design of each product allows a correct integration with the space.

PREMIUM TROFFERS

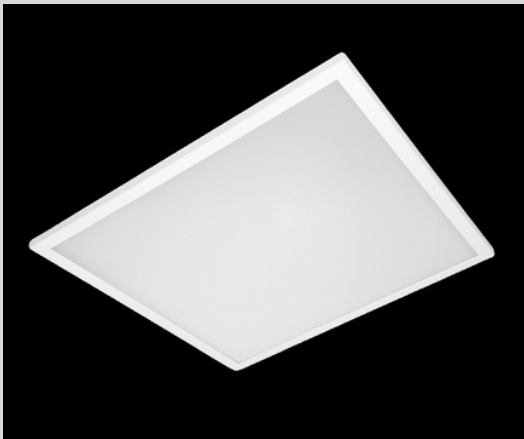


CYLINDER

Focus is an easy-to-install solution for rail mounting with high-quality illumination, which creates a comfortable visual experience for the user through an optical system with anti-glare technology, additionally a practical interchange of lenses is provided (angles of opening 24°, 36° and 60°) to adjust to the needs of each project..

MODERN TRACK LIGHTING
SOLUTION





BACKLIT

Family of LED panels with a slim body enabled for recessing or suspension and designed to offer general lighting with high visual comfort thanks to its low glare index (UGR <19). It is available in 2x2, 1x2 and 2x4 foot presentations.

Considering the safety issues required in some buildings, the Paneled family has UL certification in the driver.

BACK LIT FLAT PANELS



ARTIC

Understanding the high demands given the needs of the industrial segment, ARTIC was born to deliver superior characteristics of its kind, such as high protection against humid, dusty or sand conditions (IP66), while its construction protected by a casing made of polycarbonate of high resistance (IK09), provides a remarkable solution to possible impacts, in the same way the body of the product is prepared to face corrosion due to environmental conditions of salinity and even exposure to chemical substances.

IP 66 FIXTURES

HB INFINITY

HB Infinity is a mechanically and electrically interconnectable linear lighting system for long distances resulting in significant returns on investment.

Infinity offers configurations that allow adequate solutions through the diversity of luminous fluxes for low and high mounting, different color temperatures and optical options designed for general lighting applications. , logistics centers, supermarkets, manufacturing spaces, etc.

LONG ASILE LINNEAR SOLUTION



FOCUS

Focus is an easy-to-install solution for rail mounting with high-quality illumination, which creates a comfortable visual experience for the user through an optical system with anti-glare technology, additionally a practical interchange of lenses is provided (angles of opening 24°, 36° and 60°) to adjust to the needs of each project..

MODERN TRACK LIGHTING SOLUTION





EVOLIGHT

Evolight is a family of road luminaires that is characterized by its ultra-thin design and high technical specifications. Thanks to its efficiency of 160lm/W, Evolight models offer excellent lighting performance at a very competitive price. In

ROADWAY LIGHTING



QUASAR

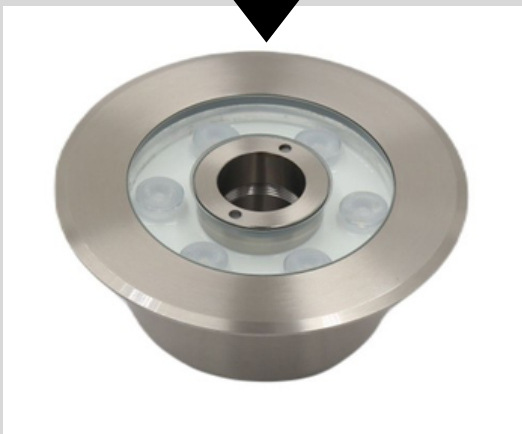
UOne of the most efficient options on the market due to the engineering design applied to the radial distribution of the LEDs, operating in conjunction with a high-performance heat dissipation system, this technological fusion allows reaching high limits in energy use set. at >170Lm/W maintaining a CRI>80, which indicates optimal visual perception for the type of application of this family of products.

INDUSTRIAL HIGHBAY

DIVING ROOM

Family of submersible luminaires where the variants are made up of a ring-shaped design designed for integration in installations where the aim is to illuminate pressurized water outlets.

SUBMERSIBLE FIXTURES



BRONZE

The bronze family has differentiated characteristics thanks to its manufacturing material in brass with a bronze finish, this means that all the luminaires have high resistance to corrosion even in conditions of high salinity, resistant to high temperatures or periods of exposure to open air, These properties favor an extended warranty of up to 10 years. The variety of products is for floor, wall and suspended luminaires.

LANDSCAPE LIGHTING





OPEN STANDARD

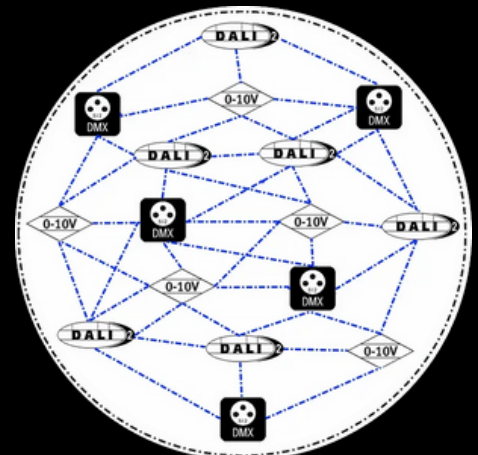
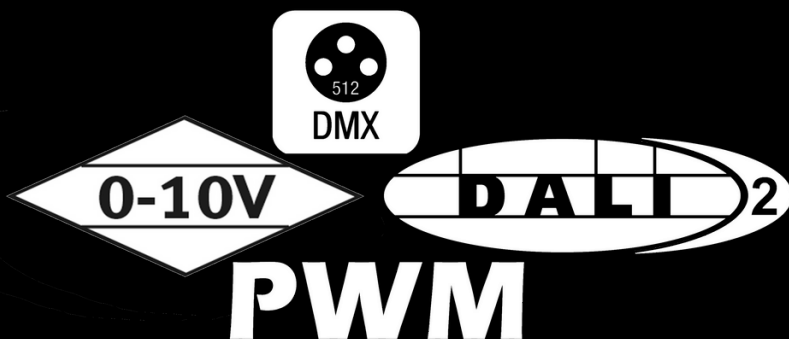
Wireless Lighting Controls

Energio Controls enables lighting fixture manufacturers the ability to market their own, private label lighting control solution.

Offering 3 Solution Packages:

1. **Energio Solution.** Market Energio Controls as your “Preferred” lighting control solution. Energio will do all the work (ex. system design, quotation, etc.) and ship the system directly to your customer. Your company will be commissioned on every system.
2. **Private Label Hibrid Solution.** Market the Energio Controls solution under your brand name while Energio does all the work. Your company will be commissioned on every system.
3. **Compete Private Label Solution.** Energio will train your staff, introduce you to device supplies and always be there to support you. It's now your system. Your staff handels inside, sales, stocks the system and provides customer support. You set the price, it's your system!

Built on the Bluetooth and Wirepas wireless mesh network open standards, Energio incorporates 0-10v, DALI, DMX and Phase dimming into a single platform. You can now group fixtures that are controlled and dimmed using different technologies and protocols wirelessly.





MobiusFlow takes Energio to the next level. MobiusFlow enables Energio to connect to ANY protocol! Through a common dashboard your clients can monitor not only their lighting, but also their HVAC system, fire system, security system, walk-in coolers or any other systems on site. All of these systems can also be adjusted and controlled from a central location via MobiusFlow.



Powered By



MobiusFlow brings the data in and then Kenergy AI takes control. KenergyAI is the only software-only solution that connects real-time occupancy data from lighting controls or standalone occupancy sensors with your HVAC system to eliminate wasted energy without costly retrofits or sacrificing comfort. By predicting and responding to how your buildings are actually used, KenergyAI consistently delivers over 30% HVAC energy savings while streamlining operations. Watch this short video to see how we transform building performance into measurable cost reductions and sustainability gains.



Product Development Partners



Wirepas Mesh is a wireless connectivity for industrial and commercial IoT deployments. Connect tens of thousands to millions of IoT devices reliably and with the lowest total cost of ownership. Proven in millions of devices worldwide.

Let us show you how Wirepas can benefit both your existing wireless products and future product development.

Wirepas Mesh is a wireless connectivity for industrial and commercial IoT deployments. Connect tens of thousands to millions of IoT devices reliably and with the lowest total cost of ownership. Proven in millions of devices worldwide.



INGY has created a robust wireless mesh platform that can benefit your business in numerous ways! Become an INGY OEM partner. Your new and existing components can now become part of the INGY ecosystem of products!



Solutioneers – Software savvy, hardware heroes and firmware fanatics, crafting wireless solutions that solve your toughest challenges. Combining breakthrough technologies to create elegant, uniquely engineered solutions that solve complex business challenges. Let them engineer you next wireless hardware solution.



Specification

CAD symbols, wiring diagrams and tech sheets are available for all products. Whether remotely or in person the GL&C sales team will also work with your specifiers to add any of these products to the project plans.

A satellite image of the United States at night, showing city lights and road networks. The image is dark blue with numerous yellow and white light points.

Get in touch with Us!



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