# COMPONENT DISTRIBUTORS, INC. LED Lighting Solutions

# Components for LED Lighting Applications



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#### **LED Light Sources**

CITIZEN **Citizen Electronics** – produces COB LEDs for general

lighting applications with superior brightness and efficacy and with excellent color control and reliability.



Crystal IS – an Asahi Kasei company, manufactures UVC Crystal \*\* IS LEDs that can be used in disinfection and instrumentation

applications. The company's Klaran line of UVC LEDs emit ultraviolet light in the key germicidal wavelength range of

260nm to 275nm. led.cdiweb.com/manufacturer/crystal-is



led.cdiweb.com/manufacturer/audax

**Lumileds** – manufactures high-performance LEDs for LUMILEDS general illumination applications, including CSP, COB, color,

high-power, horticultural, IR, UV and mid-power packages.

led.cdiweb.com/manufacturer/lumileds

**Xicato** – offers an ecosystem of intelligent LED modules Xicato<sup>®</sup> for downlight and spotlight luminaires, integrating electronics,

software and connectivity. Also offering programmable drivers featuring Bluetooth and wired control.

led.cdiweb.com/manufacturer/xicato











#### **LED Drivers**

**Mean Well** – manufactures more than 1000 high-quality LED driver models from 8W to 1000W, complying with global lighting standards.

led.cdiweb.com/manufacturer/meanwell

Enedo > **Enedo** – intelligent programmable LED Drivers and power solutions providing advanced features, high efficiency and user-managed controls in the smallest form factors available.

led.cdiweb.com/manufacturer/enedo

LTF Technology – provides a wide variety of innovative LED Driver and Electronic Transformer solutions. Triac, ELV and 0-10V dimming options. CC or CV available with very small form factors. Modified standard and full customs drivers available, led.cdiweb.com/manufacturer/ltf

uPowerTek - designs and manufactures state of the art, high-quality intelligent LED drivers for the grow light market. These drivers feature wireless programming, UL

led.cdiweb.com/manufacturer/upowertek

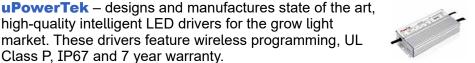
Magtech Industries - provides high-quality LED lighting solutions from drivers to cutting-edge wireless technology. Magtech's enhanced production facilities ensure all products are certified, quality checked, and arrive in excellent condition.

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**uPowerTek** 

**AUDA** 



### **LED Surge Protection**



**Able Power Products** – offers patented designs for hard-wired in-line surge protection for LED lighting. led.cdiweb.com/manufacturer/able



#### **LED Optics**



**LEDIL** – creates a wide range of top quality and cost effective standard and custom lenses and reflectors for a variety of LED lighting applications. **led.cdiweb.com/manufacturer/ledil** 



LENSVECTOR

**LensVector** – produces a liquid crystal, controllable lens that enables the beam from a luminaire to be dynamically shaped from less than 10° to greater than 50°. **led.cdiweb.com/manufacturer/lensyector** 



CAGEION®

**Gaggione** – manufactures high-quality standard and custom LED optics including collimators, reflectors and Fresnel lenses. **led.cdiweb.com/manufacturer/gaggione** 



## **Thermal Management**



**MechaTronix** – designs passive and active LED coolers, including round pin fin and star heat sinks with standard mounting holes for direct or holder mounting of COB LEDs and optics. **led.cdiweb.com/manufacturer/mechatronix** 





**Celera** – produces the most reliable thermal interface materials for LED lighting with a simple "peel-and-stick" design. **led.cdiweb.com/manufacturer/celera** 



#### **LED Connectors**



**Bender + Wirth** – offers the most comprehensive line of high quality, pre-wired COB holders with optics mounting options. **led.cdiweb.com/manufacturer/bender-wirth** 





**BJB** – makes a variety of connectors for lighting applications, including COB LED holder systems.

led.cdiweb.com/manufacturer/bjb





Ideal Industries – provides innovative high-quality COB LED holders and LED optics adaptors.

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Amphenol LTW
Innovation in Waterproof Solution

Amphenol LTW – supplies waterproof interconnects from IP65 to IP69K for rugged and harsh environment applications including LED lighting and signage.

led.cdiweb.com/manufacturer/altw





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#### **Lighting Sensors & Controls**

CASAMBI

**Casambi** – smart lighting control solutions using state-of-the-art, low power wireless technology based on Bluetooth Low Energy (BLE). led.cdiweb.com/manufacturer/casambi





**Dalcnet** – realize your LED lighting applications with the Dalcnet family of controllers, dimmers, drivers, gateways and converters.



led.cdiweb.com/manufacturer/dalcnet



**EnOcean** – provides self-powered (energy-harvesting) wireless switches and sensors for BLE-enabled LED lighting modules.



led.cdiweb.com/manufacturer/enocean



**GRE Alpha** – manufactures Casambi-ready, BLE wireless-enabled, smart lighting controls and constant current and constant voltage LED drivers.



led.cdiweb.com/manufacturer/gre



**mwConnect** – superior lighting controls and related electrical power and protection components including BLE wireless timekeepers, controllers, sensors and wall switches.



led.cdiweb.com/manufacturer/mwconnect



**Xicato** – offers intelligent sensors with wireless nodes that transmit sensor data over the Xicato GalaXi<sup>™</sup> Bluetooth network. **led.cdiweb.com/manufacturer/xicato** 



#### **Design Resources**





**NVision** – NVision is a CDI company and an innovator in complex engineering solutions and product development services. NVision leverages its technical expertise across a broad range of competencies with embedded hardware and firmware design focused on Bluetooth® and WiFi wireless, lighting controls, motion sensing, environmental sensors, general microcontroller, and embedded connectivity technologies. NVision provides end-to-end product development solutions to accelerate your commercialization time with our manufacturing partners. www.nvisionlabs.co

CDI delivers cutting-edge LED lighting solutions by wrapping application assistance, development tools and design services around high-performance products from industry leading manufacturers.

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