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

Components for LED Lighting Applications

**EnOcean**
- Provides self-powered (energy-harvesting) wireless switches and sensors for BLE-enabled LED lighting modules.
- Web: led.cdiweb.com/manufacturer/enocean

**IR-TEC**
- Builds sensor and control solutions for energy efficient lighting including occupancy, vacancy and daylight sensors.
- Web: led.cdiweb.com/manufacturer/ir-tec

**Xicato**
- Offers intelligent sensors with wireless nodes that transmit sensor data over the Xicato GalaXiTM Bluetooth network.
- Web: led.cdiweb.com/manufacturer/xicato

**notWired.co**
- Helps OEMs accelerate product time-to-market by outsourcing part (or all) of the circuit, hardware, and firmware design.
- Specializes in high-power RF, low-power wireless, sensors, and LED lighting controls.
- Web: www.notwired.co

**Custom Product Design for RF, IoT and LED Applications**

Web: led.cdiweb.com

USA
- sales@cdiweb.com
- +1 (800) 777-7334

Canada
- canada@cdiweb.com
- +1 (877) 691-4121
### LED Light Sources

#### Citizen Electronics
- Produces COB LEDs for general lighting applications with superior brightness and efficacy and with excellent color control and reliability.
- [led.cdiweb.com/manufacturer/citizen](http://led.cdiweb.com/manufacturer/citizen)

#### Crystal IS
- An Asahi Kasei company, manufactures UVC 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](http://led.cdiweb.com/manufacturer/crystal-is)

#### Audax Electronics
- Builds high-performance LED modules utilizing the latest SMD technologies; standard products are designed to work with LEDiL optics.
- [led.cdiweb.com/manufacturer/audax](http://led.cdiweb.com/manufacturer/audax)

#### Lumileds
- Manufactures high-performance LEDs for general illumination applications, including CSP, COB, color, high-power, horticultural, IR, UV and mid-power packages.
- [led.cdiweb.com/manufacturer/lumileds](http://led.cdiweb.com/manufacturer/lumileds)

#### Xicato
- Offers an ecosystem of intelligent LED modules for downlight and spotlight luminaires, integrating electronics, software and connectivity. Also offering programmable drivers featuring Bluetooth and wired control.
- [led.cdiweb.com/manufacturer/xicato](http://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](http://led.cdiweb.com/manufacturer/meanwell)

#### Enedo Power (formerly Efore)
- 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](http://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](http://led.cdiweb.com/manufacturer/ltf)

#### MOSO
- Delivers high quality, cost effective outdoor LED lighting solutions. Fully programmable LED drivers are available from 75W to 320W.
- [led.cdiweb.com/manufacturer/moso](http://led.cdiweb.com/manufacturer/moso)

### LED Surge Protection

#### Able Power Products
- Offers patented designs for hard-wired in-line surge protection for LED lighting.
- [led.cdiweb.com/manufacturer/able](http://led.cdiweb.com/manufacturer/able)
## LED Optics

<table>
<thead>
<tr>
<th>Company</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>LEDiL</strong></td>
<td>creates a wide range of top quality and cost effective standard and custom lenses and reflectors for a variety of LED lighting applications. <a href="http://led.cdiweb.com/manufacturer/ledil">led.cdiweb.com/manufacturer/ledil</a></td>
</tr>
<tr>
<td><strong>LensVector</strong></td>
<td>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°. <a href="http://led.cdiweb.com/manufacturer/lensvector">led.cdiweb.com/manufacturer/lensvector</a></td>
</tr>
<tr>
<td><strong>Gaggione</strong></td>
<td>manufactures high-quality standard and custom LED optics including collimators, reflectors and Fresnel lenses. <a href="http://led.cdiweb.com/manufacturer/gaggione">led.cdiweb.com/manufacturer/gaggione</a></td>
</tr>
<tr>
<td><strong>Yongtek</strong></td>
<td>offers complete diffuser solutions and many kinds of LED plastic sheets and LED fixture covers. <a href="http://led.cdiweb.com/manufacturer/yongtek">led.cdiweb.com/manufacturer/yongtek</a></td>
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## Thermal Management

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<tr>
<td><strong>MechaTronix</strong></td>
<td>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. <a href="http://led.cdiweb.com/manufacturer/mechatronix">led.cdiweb.com/manufacturer/mechatronix</a></td>
</tr>
<tr>
<td><strong>Furukawa Electric (Thermal Management Solutions)</strong></td>
<td>develops heat dissipation products for very high power COB LED applications. <a href="http://led.cdiweb.com/manufacturer/furukawa">led.cdiweb.com/manufacturer/furukawa</a></td>
</tr>
<tr>
<td><strong>Celera</strong></td>
<td>produces the most reliable thermal interface materials for LED lighting with a simple “peel-and-stick” design. <a href="http://led.cdiweb.com/manufacturer/celera">led.cdiweb.com/manufacturer/celera</a></td>
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## LED Connectors

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<tr>
<td><strong>Bender + Wirth</strong></td>
<td>offers the most comprehensive line of high quality, pre-wired COB holders with optics mounting options. <a href="http://led.cdiweb.com/manufacturer/bender-wirth">led.cdiweb.com/manufacturer/bender-wirth</a></td>
</tr>
<tr>
<td><strong>BJB</strong></td>
<td>makes a variety of connectors for lighting applications, including COB LED holder systems. <a href="http://led.cdiweb.com/manufacturer/bjb">led.cdiweb.com/manufacturer/bjb</a></td>
</tr>
<tr>
<td><strong>Ideal Industries</strong></td>
<td>provides innovative high-quality COB LED holders and LED optics adaptors. <a href="http://led.cdiweb.com/manufacturer/ideal">led.cdiweb.com/manufacturer/ideal</a></td>
</tr>
<tr>
<td><strong>Amphenol LTW</strong></td>
<td>supplies waterproof interconnects from IP65 to IP69K for rugged and harsh environment applications including LED lighting and signage. <a href="http://led.cdiweb.com/manufacturer/altw">led.cdiweb.com/manufacturer/altw</a></td>
</tr>
</tbody>
</table>

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**Lighting Sensors & Controls**

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**Design Resources**

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