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**ELECTE**

**TAKE A TRIP DOWN**



**ELECTEC LTD.**

**ELECTEC AVENUE**



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”Making electrical wiring safer and more efficient” is how electrical manufacturing firm Electec describes its approach to business.

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**THE COMPANY IS** a leader in the design, development and manufacture of building wiring and cabling systems, offering a range of simple, safe and economical products.



ACCEPTABLE FOR USE IN  
ENVIRONMENTAL AIR SPACES  
OTHER THAN DUCTS OR  
PLENUMS PER  
DEC PT1 (2010)  
ACCEPTABLE MEANS FOR  
DISCONNECTING LAMINAR FLOW  
PER DEC PT 1 20-306-0

**ELCOTEC**

The green building wiring specialists is celebrating its 33rd anniversary this year and has a lot to shout about with an innovative range solutions at its disposal.

Electec's reusable and relocatable modular wiring system, EZ-Wiring, is one such product and with its eco-friendly and halogen-free credentials is described by the company as 'The Next Generation in Wiring Systems'.

"A lot of early modular wiring systems come from the lighting sector, so a lot of light fixture manufacturers offer a cable to connect their fixtures in a ceiling grid," notes Electec Vice-President of Business Development Chris Pezoulas.

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**"Where the term 'Next Generation' comes from, however, is twofold. First of all EZ-Wiring does not discriminate in terms of application; so whether it's lighting, power installed within the walls, above ceilings, in systems furniture, under raised access floors, or anything from a panel to an outlet, we can do it."**

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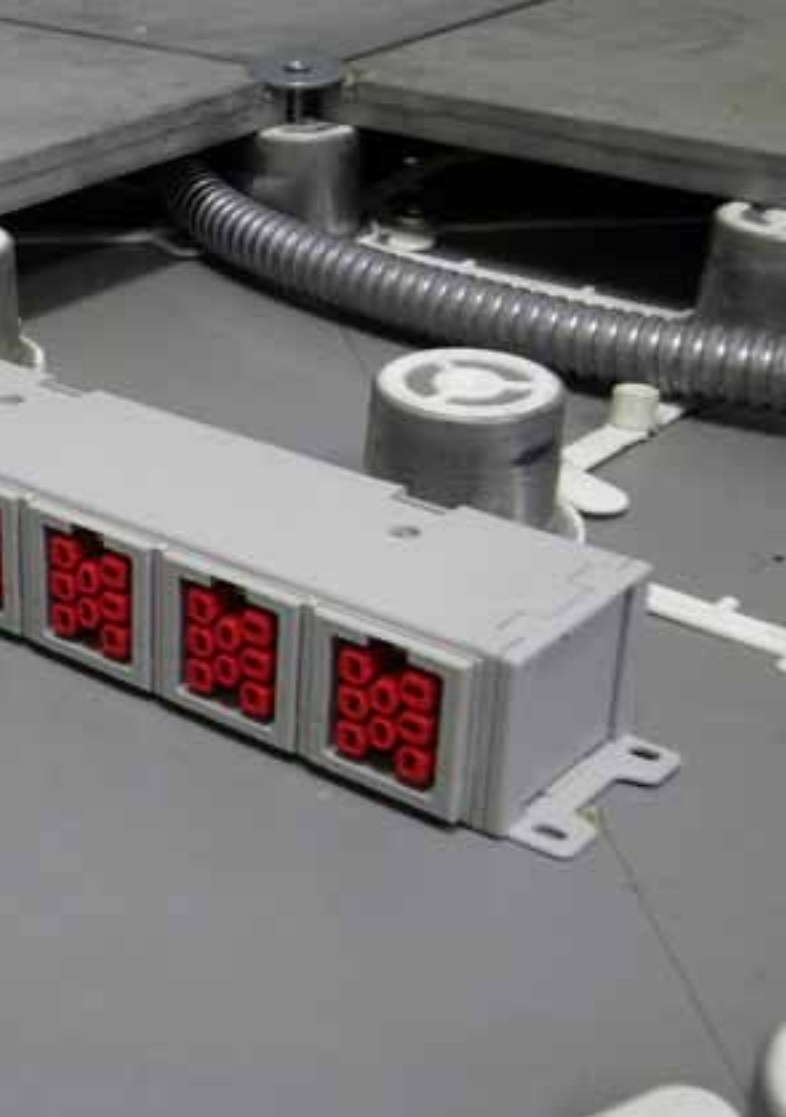
"Furthermore, we have built our system utilizing the latest in eco-friendly materials. We offer a cost effective, labour saving and reusable approach to modular wiring."



"We incorporate halogen-free, non-toxic materials in the construction of our product to further enhance safety," he adds.

Pezoulas says that safety is currently a hot topic within the green building industry and is also of major importance to Electec.

"There is a lot of concern regarding the toxicity of wire insulation and very little is being done about it in North America," he remarks. "Europe and Asia are more progressive in this area as they've adopted halogen-free materials which we have also incorporated into our products, even though North American standards don't call for it."



“We’ve taken the initiative and are leading the charge in finding safer, eco-friendly materials to build all our systems with.”

Pezoulas says that the company is a pioneer in the modular wiring industry and is helping to save customers money due to accelerated installation times the plug and play modular concept affords.

### **Enabling efficient electrical systems**

Electec has been in the manufactured wiring business for more than 15 years and with its base in Ottawa has access to a broad range of projects, including everything from specialized

government projects to standard commercial offices, retail and institutional work.

“There are benefits to all sorts of different applications, whether its retail, commercial space or even a factory environment,” says Pezoulas on the company’s products. “Our customers can use our systems to be a safe, simple, flexible, reusable alternative to expensive, disruptive, expensive traditional methods as well as affording substantial savings on installation time and maintenance costs.”

According to Pezoulas, the company was founded by a man who has a “very rich background in electrical construction.”

“He has always worked with construction firms that believed in adding value to their work and looked for ways of gaining efficiencies and developing innovative solutions,” says Pezoulas.

With this foundation in place the company has found itself continually working to develop its products and services in the most efficient manner possible.

“It was from this philosophy that our approach to modular wiring systems developed,” remarks Pezoulas. “And not just a simple wiring system, but one that is really simple, intuitive and safe; a system that cannot only be applied in the commercial construction world, but can at some point be utilized within the residential market.”



The Lumilux group has the ability not only to maintain but to increase and create a market share in our territory. Lumilux is an energetic company, which officially began in 1988 under the leadership of Gilles Séguin. Mr. Séguin's extensive experience in the consulting engineering field, as well as with local lighting manufacturers and agents, gave him all the skills he needed to identify a market and fill the market needs. The leadership of the company comes from Mr. Séguin as well, he handpicked his staff. Each one of them is an expert in his or her respective field.

Known throughout the industry for its dynamic and professional approach to the specification industry it is also recognized for its urban lighting expertise. Lumilux has had an alliance with over 35 manufacturers for more than 20 years. Lumilux strives to serve its clientele in a professional manner. Let Lumilux help you offer your customers the proper luminaires for their specific applications. Using the AGI32 Lighting Analysts Software Program, we can offer lighting calculations and renderings through CAD.

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**Electec Ltd.**

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Electec has developed unique tooling, processing equipment and components to assure consistent and efficient manufacturing of their patented system. The company also produces its own armoured “BX/MC” cable built to the highest performance criteria.

Electec partners with SRED Solutions of Ottawa to take full advantage of R&D incentive programs offered by the Government of Canada.

### **Going ‘green’ for future success**

Electec’s ecological approach toward wiring and cabling solutions is giving the company what Pezoulas describes as its competitive edge.

“Last year alone we received a Top 10 green building product award along with many positive reviews from green advocacy groups and as a result EZ-Wiring and EZ-Cabling have been listed in directories of environmentally preferred products,” he says.

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**“Wiring and cabling is of particular interest to green advocacy groups, because it’s ‘out of sight, out of mind’.**

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A lot of the products being paid attention to in LEED and other green building rating programs are focused on fabrics, furniture and wall finishes, etc., because that is what is seen.

But people really need to pay more attention to what’s behind their walls and especially in their air-handling spaces such as drop ceilings and raised floors,” he adds.

“Green advocacy groups really like what we’re doing because we’re paying attention to the materials that are going up into hidden spaces—it’s not flashy, and it’s something that most people aren’t going to see — but it is safer and more environmentally friendly.”

The company has worked in the U.S. market and even has a customer building stores in Japan, but the majority of its work is in Canada. With close to 50 per cent of its business based in Ontario, Pezoulas hopes that its new Next Generation product line can take the company into new markets.

“Our future goal would be to take this product global,” he asserts. “We’ve had a lot of inquiries about the concept from all over the world, from the Middle East to Europe to South America, so that is pretty exciting.”

The company has come a long way over the past two decades, and with a product as revolutionary as EZ-Wiring, the future of Electec is one worth keeping an eye on. **CBJ**