

Press release

## **TECTON II: Zumtobel launches the second generation of its successful continuous-row lighting system – functionality, design and ultra-efficient installation**

The modular TECTON continuous-row lighting system has been setting the benchmark for the lighting in buildings of all kinds since 2001. Now, with the introduction of TECTON II, Zumtobel marks a new departure for lighting technology. The lighting experts have worked with Italian design studio and engineering company Pininfarina to expand the portfolio of the universal trunking system with innovative technology, design and sustainability features, including the quick-to-install track and batten components, which are manufactured in Dornbirn, Austria, for example. A series of independently tested and certified tests showed an average of 71 per cent and maximum 109 per cent faster installation performance compared to similar products by competitors.

*Dornbirn, 15 May 2025* – 210 lumen per watt, a service life previously unheard of on the market and a significantly better TCO: TECTON II takes Zumtobel's continuous-row lighting systems to a new level with its intuitive, flexible, customisable, design-oriented, sustainable, robust and future-oriented modular system. It uses high-quality LED technology, an excellent colour rendering index (CRI) and uniform light distribution to create optimum lighting conditions. Thanks to the plug-and-play design, it can be installed quickly without any tools, while its impressive energy efficiency and intelligent control options minimise power consumption. From installation and operation to end-of-life processes, users will benefit from significant savings throughout the entire product life cycle.

### **39,000 kilometres of TECTON already installed worldwide**

Since its market launch over 20 years ago, [TECTON](#) has been developed from a continuous row with fluorescent lamps into a complex system that combines general lighting, safety and emergency lighting, lighting controls, sensors and IoT components in a single, integrated solution. Zumtobel's continuous-row lighting system impresses with its timeless design, excellent efficiency, a standard installation concept and flexible retrofitting options thanks to customised and future-oriented components and technologies. From purely industrial use, it has progressed to become a versatile lighting solution for almost any area of application. Today, TECTON is used in production and warehouse buildings, in retail, in offices and in educational, art and healthcare facilities as a customised lighting solution for every conceivable requirement. Over 39,000 kilometres of TECTON have already been installed worldwide, a distance that stretches almost once around the entire globe.

As a company with a 75-year history, Zumtobel is always pushing boundaries. Adaptation, optimisation and continuous innovation are essential for staying at the top. TECTON II is Zumtobel's response to current and future market requirements and represents a decisive step towards the

future. To help them develop the next generation of continuous-row lighting systems, Zumtobel has brought the Italian design studio and engineering company Pininfarina on board as a partner. “In Pininfarina, we have found a partner that perfectly complements our strengths. Zumtobel stands for a deep understanding of the lighting market and many years of experience in the development of innovative and aesthetic lighting solutions. Pininfarina contributes its individual signature, which perfectly combines technology, functionality and design,” says **Alfred Felder, CEO of the Zumtobel Group**.

“We wanted to create a product that is characterised by an extremely user-friendly, clear and simple design and dispenses with unnecessary curves. The design team has explored the subtle harmony between form and function and ensured that the infrastructure can adapt to different contexts. The result continues the tradition of previous models and offers significant improvements in terms of usability, design and sustainability, opening up new and unexpected possibilities for users,” adds **Nicola Girotti, Head of Product Design at Pininfarina**.

### **TECTON II – a gradual introduction of new features**

With its innovative design approach, simple installation, extreme versatility and wide range of applications, TECTON II is increasingly attracting the attention not only of lighting planners and electrical installers, but also of architects, lighting designers and building operators. Zumtobel is introducing TECTON II over a period of four years. The functions and properties of the TECTON II track, batten and light element components will be gradually expanded until 2027. The TECTON II battens will be backwards compatible with previously installed TECTON tracks. TECTON I projects thus remain future-proof, as users can upgrade them to the latest technology at any time.

TECTON II is quick and easy to assemble thanks to its tool-free installation and the ease with which accessories can be clipped in and out. The increased efficiency and greater convenience are reflected in shorter installation times and reduced costs. The fully metric system also simplifies planning and installation. Zumtobel is always focussed on the sustainability of its products. TECTON II was developed strictly in accordance with the company's own Circular Design Rules (CDRs): this means using a high proportion of recycled material and reprocessing materials and components in order to conserve resources. At the same time, Zumtobel uses the CDRs to ensure that any legal requirements or guidelines that Zumtobel and its customers will face in the future regarding sustainability or as a result of the EU Green Deal have already been taken into account during the product development process.

### **Put through its paces**

The market launch was preceded by numerous series of tests involving external experts, electricians and main competitors. They each installed a 15-metre-long continuous-row lighting system, recorded the installation time and calculated the average value. The results showed that Zumtobel's systems were 71 per cent faster to install than comparable competitor products. Customers benefit from considerable cost savings thanks to shorter installation times. Depending on the number of

electricians used, their hourly rates and the scope of the project, the savings can be in the five-figure range.

### **Scope of services TECTON II in Phase I**

In the first launch phase, TECTON II will be available from mid-2025 in the following scope:

#### **Tracks (trunking)**

The TECTON II trunking, initially available in white and black (later also in grey and silver) with IP20 protection, offers unprecedented support for signal transmission through the continuous-row system with 15 poles. Users can choose between three versatile circuits (three pole pairs) that can be assigned as required, such as three independent DALI circuits or DALI, ELA and loudspeakers (retail application). Thanks to the configurable number of poles and the flexible use of flex circuits, Zumtobel's TECTON II provides customised solutions for a wide range of applications: from Tier 4 data centres to extreme applications and system-critical infrastructure buildings.

With just one infeed, TECTON II allows a maximum trunking length of up to 75 metres. The trunking is available in module lengths of between 1.5 and 4.5 metres in 0.5-metre increments, making it easy to achieve whatever lengths and extensions are required. The feedout function enables the flexible integration of power outputs into the lighting tracks on site. The scope of services also includes cover strips and DALI isolators.

#### **Battens (luminaires)**

The luminaires, which are also available in white and black, are offered in Wide Beam (WB), Very Wide Beam (VWB), Narrow Beam (NB) and Medium Shelf Beam (MSB) versions. For the launch, Zumtobel is supplying the luminaires in the light colours 3000, 3500, 4000 and 6500 Kelvin. The battens are available in lengths from 1.0 to 2.5 metres in 0.5-metre increments, are switchable (EVG) and dimmable (LDE), and offer low-output (LO), medium-output (MO) and high-output (HO) lumen packages.

#### **Lighting elements**

The TECTON II continuous-row lighting systems can be fitted with the following Zumtobel lighting elements: [VIVO II](#), [SCENO](#), [RESCLITE PRO](#), [CRAFT II](#), [AMPHIBIA](#), [ECOOS II](#), [CLARIS evolution](#), [PANOS III](#), along with sensors and control systems.

#### **Well-chosen partnership**

Zumtobel has worked with Pininfarina to adapt the continuous-row lighting system to the latest requirements. The design process was highly structured and began with internal research and engagement with sales teams, stakeholders and end users to understand visual needs, power consumption and environmental considerations. The most significant improvement over the previous generation of TECTON is its greater adaptability, flexibility and user-friendliness. TECTON II was

designed as a versatile infrastructure that can adapt to different environments and integrate elements from both above and below, while always maintaining excellent aesthetic and functional quality.

**Captions:**

(Photo credits: Jens Ellensohn)



**Image 1:** Thanks to tool-free mounting and easy insertion and removal of accessory parts, TECTON II is quick and easy to install.



**Image 2:** TECTON II was developed strictly in accordance with Zumtobel's own Circular Design Rules. This means a high proportion of recycled material and the recycling of materials and components to conserve resources.



**Image 3:** Together with Pininfarina, Zumtobel has adapted the continuous row system to meet today's requirements.

**Table: Overview of TECTON II values & features at the end of the four-year introductory phase**

<p><b>Intuitive</b></p> <p>Intuitive operation as the key to success</p>	<p>Intuitive and uncomplicated handling of technical solutions plays a decisive role in a positive user experience. TECTON II fulfils this requirement with the following features:</p> <ul style="list-style-type: none"> <li>• Easy-to-install: thanks to quick and tool-free installation, easy insertion and removal of parts and reduced installation time</li> <li>• Fully metric system for simplified planning and installation; 100 per cent accuracy for all system-configurable track and batten components</li> <li>• Increased efficiency and improved convenience, which counteracts cost pressure and a shortage of skilled labour</li> <li>• Minimal training required for installation personnel</li> <li>• Power supply lines and up to three independent DALI circuits with DALI circuit breakers in each unit of the continuous-row lighting system for installation without additional parts</li> </ul>
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<b>Flexible</b> Maximum flexibility in any situation	<p>Quick plug-and-play installation of the luminaire body and accessories at all points on the track makes TECTON II a completely flexible system:</p> <ul style="list-style-type: none"> <li>• Up to 75 metres of trunking length with one infeed</li> <li>• Flexible lengths and easy expansion thanks to trunking module lengths from 1.5 to 4.5 metres in 0.5-metre increments (batten length: 1.0 to 2.5 metres in 0.5-metre increments)</li> <li>• Feedout function can be integrated into the tracks on site as required</li> <li>• New infeed extension kit offers more space for the cabling and a full tap to the end of the track</li> <li>• Flexible installation of lighting elements at the start and end of the system; an optimised starter track and spacers allow the lighting elements to be installed with maximum flexibility</li> <li>• Flexible spacers for extremely accurate adjustment of the track length to the spatial conditions → no more sawing</li> <li>• Extended range of double-split lenses and optics for greater visual comfort</li> </ul>
<b>Customisable</b> Customisable for every application area	<p>TECTON II sets a new benchmark for customisability:</p> <ul style="list-style-type: none"> <li>• 15 poles and three versatile, fully assignable circuits for maximum flexibility for a wide range of applications</li> <li>• Can be used in various environments: from Tier 4 data centres to system-critical infrastructure buildings and extreme conditions</li> <li>• Simplified all-in-one node solution (L, T, X and Flex nodes) for simplified planning, installation and consistent illumination of complex structures</li> <li>• Suitable for application areas with higher requirements due to CRI value 80/90, including office or retail</li> </ul>
<b>Design-oriented</b> Aesthetics meets technology	<p>TECTON II combines innovative technology with aesthetic design for a wide range of applications:</p> <ul style="list-style-type: none"> <li>• Development away from the industrial look to a sophisticated, modern, elegant high-end design – both architecturally appealing and discreet</li> <li>• Uniform visual appearance without recesses or openings thanks to equal spacing between both the lens elements and the luminaires; 100 per cent continuous channel</li> <li>• Pared-back style and seamless design – the lighting elements are integrated as well as possible; non-illuminated elements are reduced</li> </ul>
<b>Sustainable</b> All-round sustainability	<p>Zumtobel is consistently committed to sustainability and has developed TECTON II in accordance with its Circular Design Rules (CDRs):</p> <ul style="list-style-type: none"> <li>• High proportion of recycled material in TECTON II</li> <li>• Recycling of materials and components for an efficient use of resources</li> <li>• Excellent system efficiency thanks to the combination of market-leading LED driver and lens =&gt; maximum energy efficiency/light output of up to 210 lm/W and luminous flux of up to 10,000 lumen per metre</li> </ul>

	<ul style="list-style-type: none"> <li>• Environmental Product Declaration (EPD) for transparency throughout the entire life cycle</li> <li>• Retrofit option: new battens can be installed on existing tracks</li> </ul>
<b>Robust</b> Designed for a long service life	<p>TECTON II combines mechanical resistance, corrosion protection, high ambient temperature, compliance with food safety standards and noise optimisation for calm, quiet workplaces:</p> <ul style="list-style-type: none"> <li>• Long service life of 100,000 hours at L95 with almost constant light output (CLO); optimised efficiencies for optics and drivers: 95 per cent</li> <li>• IP64 protection and ball-proof impact resistance for durability and safety in challenging environments</li> <li>• Increased chemical resistance; suitable for the food industry and humid/dusty environments; uniform, dirt-repellent surface; ideal for industrial environments and data centres</li> <li>• Extended temperature range: can be used between -20°C and +45°C</li> </ul>
<b>Pioneering</b> Well-equipped for the years ahead	<p>The pioneering technology of TECTON II ensures a high level of investment security:</p> <ul style="list-style-type: none"> <li>• Full backwards compatibility and easy upgrades to newer technologies</li> <li>• Timeless design that complements any building architecture</li> <li>• Use of pioneering double-split lens technology</li> </ul>



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**About Zumtobel**

Our passion is to create quality lighting solutions that deliver total perfection. We are driven by a conviction that the right kind of light can create the right atmosphere in a building at any time of day or night. When tailored to people's individual needs, light becomes something of an experience. We are always exploring new ways to come up with inimitable and timeless designs and are inspired by a unique creative ambition. When working on the lighting of tomorrow, we are driven by our innovative corporate philosophy of continuously improving the aesthetics of light. With passion, a sense of beauty and a forward-looking approach, we are constantly seeking to use light to help improve people's quality of life. The Zumtobel brand is part of Zumtobel Group AG, based in Dornbirn in the Vorarlberg region of Austria.

**Zumtobel. The Light.**