

### **System expertise expanded:**

## **Trunking system evolution at Regiolux**

At Light + Building 2024, the new generation of SRT and SDT trunking systems from Regiolux will make its big debut. The manufacturer from the Bavarian town of Königsberg will present a whole series of innovations for its professional quick fit mounting system for IP20 to IP64 applications. It consists of only two components, an LED support rail and a gear tray, and can be variably equipped based on the specific requirements – as if from a construction set. With the further development of innovative lighting technologies and new features, even more lighting tools are now available for the proven and tested SRT and SDT trunking systems. This fundamentally simplifies planning and offers even greater flexibility in application.

Regiolux has now succeeded in something that seemed physically unattainable when LED technology was first launched: the further development of highly efficient lighting technology has made it possible to upgrade the performance of the SRT trunking system – thereby significantly improving the luminous efficiency, with a peak efficiency of more than 200 lm/W now possible. With a current total of 18 light distributions and many luminous flux packages, module lengths and light colours, the SRT trunking system covers the entire range of requirements for a powerful and future-oriented rail system.

This quantum leap has also prompted Regiolux to redefine its performance levels. Starting immediately, three different SRT performance classes will be offered instead of two: XP (Xtreme), PP (Powerful) and EP (Economy). This will allow planners and electricians to make an even more accurate selection for their projects on the basis of a cost-benefit analysis. XP versions are suitable for demanding ambient temperatures of –25° to 50°.

### **Two new lighting technologies for logistics and industry**

Very high building walls and high-bay warehouse aisles always require a high vertical illuminance to ensure rapid and accident-free production processes and flows of goods. The SDT/SRT trunking system now includes the new CXT lens (Central.Line.Optic, extra low). With a beam angle of 25°/55°, it offers a bright, narrow-beam light and ensures highly optimised, uniform illumination on the floor with very good glare reduction.

Regiolux also has a new solution for perfect lighting conditions in general areas used for warehouses and industry with ratings up to IP64. For this reason, the CG lens was developed: a finely tuned lighting technology of Central.Line.Optics in which points of LED light are transformed into a line. This produces a soft, diffuse light and thus a homogeneous surface illumination with a slight proportion of indirect illumination.

### **New OptiLens technology for 1A visual comfort**

The innovative OptiLens technology has been realised especially for use in schools, open-plan offices and checkout areas. Here, the compact, seamless and linearly arranged LED lenses in the slim SRT and SDT trunking systems ensure extraordinary visual comfort, uniform illumination of the surface and perfect glare reduction (UGR value  $\leq 19$ ). This lighting technology is ideal for desk lighting and general office illumination. Moreover, it achieves a perfect balance between brightness and efficiency.

### **Development of a future-proof lighting infrastructure**

To enable even simpler and more flexible adjustments of the luminous flux, Regiolux has also added variants with up to 14,000 lumens to its multi-lumen technology range. This saves storage capacity for electrical wholesalers and offers greater flexibility on site. Further innovations are directed at security in buildings: in the available IP64 protection rating for SRT trunking systems, the high-quality, resilient housing remains a proven and tested solution in harsh environments and is 100% dust-proof. This applies even if the gear trays have a variable arrangement and the dummy elements are shortened on site.

The SRT trunking system is also available with halogen-free cables, which exhibit non-critical behaviour in the event of a fire due to their low, non-toxic smoke emissions and low fire propagation. In the new fashionable colour black silk-matte, the SRT trunking system with a protection class of IP54 and IP64 also works well as an eye-catcher. Furthermore, the universal SDT trunking system is now also available with Central.Line.Optic technology.

A particular strength of Regiolux has always been its development and provision of solutions for individual projects and construction. Quality, sustainability and service are always the company's top priorities. As a token of this commitment, Regiolux has extended its warranty promise: from now on, a longer warranty period of 5, 7 or even 10 years applies depending on the performance level. The latter condition is due to the enormous

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service life, ranging up to L90 B10 100,000 h in the XP version. In addition, Regiolux trunking systems are backwards-compatible, i.e. old systems from up to 1982 can be retrofitted or converted at a low cost.

For larger construction sites, the SRT and SDT trunking systems may also be ordered directly to the assembly site in environmentally friendly bulk packaging. Experience with Regiolux has shown that its *GreenPacs* lower the assembly time by up to 15%. The use of less packaging material means a 50% reduction in waste.

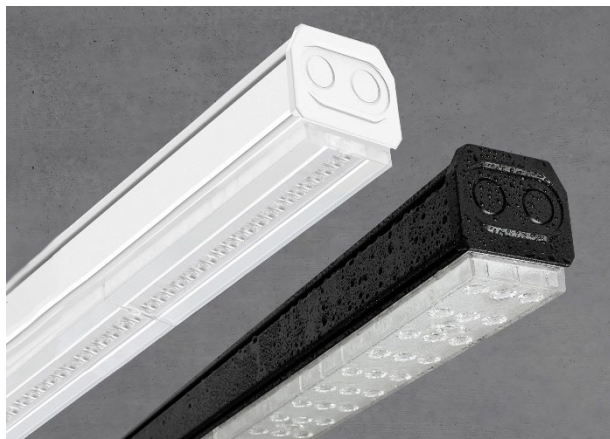
For more information: [www.regiolux.de/de/SRT](http://www.regiolux.de/de/SRT) and [www.regiolux.de/de/SDT](http://www.regiolux.de/de/SDT)

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Regiolux is expanding the diverse combinations of its SRT and SDT trunking systems – through the further development of highly efficient lighting technologies and many additional features.

2a + 2b



A highlight of advanced development: Regiolux has succeeded in increasing the luminous efficiency of the trunking system to more than 200 lm/W.

**Photos:** Regiolux

## Press information

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