

Press Release

TRILUX 2022 highlights

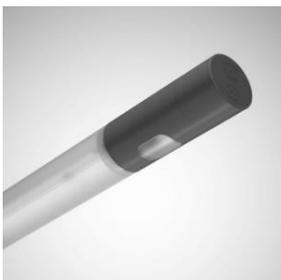
Innovations for all applications

Arnsberg, April 2022 – Whether industry, office, retail or outdoor: TRILUX has developed innovative solutions for all applications and areas of use. The products score points with individual, high quality light and maximum efficiency – and set new standards in terms of smartness, sustainability and design. An overview of the most important innovations and focus products in 2022, sorted according to application:

Strong, smart, excellent – the new industrial lighting demands

Industrial solutions have always had to be robust and efficient, but now new requirements for smartness, quality of light and design are coming to the fore. TRILUX ideally meets the need with precisely suitable solutions for industry.

Tugra LED – design and quality of light make the difference



With Tugra LED, TRILUX opens a new chapter in terms of functionality and aesthetics. The luminaire not only scores with high efficiency (up to 180 lm/W), a long service life (up to 100,000 h), a high protection rating (IP66) and excellent quality of light – its concisely modern design, cylindrical shape and flexible colour scheme also enhance functional industrial architecture as well as modern new-work spaces and retail sales areas. Thanks to an extremely flexible length concept Tugra LED adapts perfectly to any room size, either as a single luminaire or continuous line. Particularly practical: the clever end cap concept means that IoT applications such as monitoring air quality via CO₂ sensors, building-wide Wi-Fi or location-based services are implemented quickly and easily.



LiveLink SwarmSens – parking garage lighting with smart swarm behaviour



The 1:1 refurbishment of outdated parking garage lighting has never been easier. With LiveLink SwarmSens, luminaires automatically network with each other via radio in a mesh network – and provide important functions such as running light and basic light levels, with no need for DALI control lines. LiveLink SwarmSens is already integrated as standard in the Aragon Fit and Olevion Fit luminaire ranges.

E-Line Next LED PMW – a radiant solution for the automotive industry



Excellent light is a must-have, particularly in demanding environments such as production areas and the automotive industry. TRILUX has developed a prismatic PMW (prismatic medium wide) optic for the E-Line NEXT LED continuous line specifically for these applications. The new component to the modular system of optics features particularly homogeneous illumination with an indirect light component of up to 28 percent and UGR<19. E-Line Next LED with PMW optic is also available on request as an IP50 version for dusty environments.

Strongex2 LED – the tough case solution for ATEX zones 2, 21 and 22



One that can take anything and is guaranteed to stay tight: the new Strongex2 LED withstands even strong knocks with an impact resistance of IK10. Gas-tight end caps prevent the ingress and condensation of gases. The luminaire is also resistant to acids, sulphur vapours and salty atmospheres. The lighting technology and mounting method can be flexibly adapted to the application. As a DALI-dimmable solution, the luminaire ensures greater efficiency in ATEX zones 2, 21 and 22.

Office – ready for the office of tomorrow.

New work, individuality, networking and control are the big topics in the office segment. With the new TRILUX solutions, the future moves into the office.

Cultega LED – quality work on desks



All-round efficiency and practicality: the Cultega LED desktop luminaire combines excellent quality of light (CRI>90) with a purist, attractive design. Three robust joints and asymmetric light distribution mean that every part of the desk is optimally illuminated. Light colour and brightness can be individually adjusted either by push-button or app. A Human Centric Lighting (HCL) curve is pre-integrated and ready for use. A unique feature: Cultega LED is synchronisable with the ceiling lighting via the innovative Lightgrid control system.



Lightgrid - desktop and ceiling lighting in dialogue



Lightgrid is an innovative Bluetooth-based control system that allows desktop and ceiling lighting to communicate with each other, even if the desktop luminaire is controlled by DALI and the ceiling lighting by KNX. The automatic coordination of mobile and fixed lighting solutions reduces energy overheads because the ceiling lighting dims down to a normative level when the desktop luminaires are switched on. The quality of light also increases, for example through automatic synchronisation of the HCL curves. Highly practical: not only desktop luminaires such as Cultega LED and Bicult LED can be controlled with Lightgrid but also all 'mobile' TRILUX luminaires, for example the Luceo Slim LED free-standing luminaire.

Outdoor – with a new twist

There are many new aspects that a future-proof outdoor lighting solution must fulfill. For more efficiency and lower light pollution, the topic of light management and control is gaining in importance. Ecological solutions that take into account the needs of plants and animals via lighting technology and design go one step further.

Lumega IQ N – innovative, intelligent and insect-friendly



With the new Lumega IQ N, TRILUX has completely revised the proven Lumega LED series and raised it to new levels in terms of quality, good looks and ecology. The luminaire with a slender modern design is available in two sizes and approved up to wind zone 4. The luminous flux, light distribution and light colour can be flexibly adjusted, as can the smartness: light management via the cloud is child's play with the networked Smart Lighting Ready variant. Thumbs up for sustainability: the luminaire emits no spill light thanks to its intelligent design. An IP66 protection rating prevents insects from entering the luminaire head and the reduced housing temperature ensures that approaching insects are not endangered. Furthermore, the attraction to moths and similar insects can be significantly reduced by selection of the appropriate light colour. A further ecological plus point is particularly easy access for maintenance purposes.

ConStela 19 – this is how attractive smart cities will become



With its high standards in terms of design, quality of light and smartness, ConStela 19 puts prestigious outdoor areas in exactly the right light. The luminaire head and supporting column can be flexibly configured and networking and control via the LiveLink light management system is quick and easy. A special feature is the smartness of the column, which can be equipped with a variety of IoT modules – for example Wi-Fi routers, cameras or e-charging stations. A design joint without visible screws clearly distinguishes the individual modules from one another, which is not only particularly attractive, but also makes the column functionally 'readable'.

Retail – simply trade better

How can brick-and-mortar retail hold its own against the growing online landscape and skilfully make the most of its advantages? For example with excellent lighting that optimally illuminates and displays rooms, surfaces and merchandise, and through lighting effects that create genuine, unique shopping experiences.

LENTY – a highlight luminaire for merchandise with wow effect



Pan, tilt and display: for perfectly illuminated merchandise, the LENTY lens spotlight, in addition to the track version, is now also available as a recessed variant. The luminaire offers high mobility and flexibility in an extremely compact design. The spotlight head can be swung out by up to 50 degrees and rotated through 355 degrees. Glare is minimised in any position due to offset light emission to the rear and the inserted anti-glare ring. The high quality lens technology generates high luminance without significant scattering losses, thus providing impressive depth of field and focus. The lighting technology of the spotlight can be flexibly adapted to the individual application. All this makes the LENTY recessed spotlight a highlight luminaire in high quality retail locations and stores.



Nimbus Track – the lighting tool for vertical surfaces



A powerful unit for track applications: with its sophisticated lighting technology, the new Nimbus Track wallwasher generates outstanding light for almost all vertical surfaces. The innovative optical reflector system simultaneously ensures extremely uniform illumination in depth and width. Particularly flexible: the luminaire can not only be rotated, but also swivelled forwards and backwards by several degrees. This enables the precise illumination of any horizontal surface, whether images, lettering or large-area rear walls. Nimbus Track is not only at home in retail, but also in office, architectural and hospitality applications, which benefit from the new, elegant wallwasher and its excellent lighting effect.



LiveLink Retail - light management sells

Everything on command: With the new LiveLink Retail light management system, all luminaires in the store can be easily and conveniently networked via Bluetooth, precisely controlled and monitored. DALI control lines are not required as each luminaire already has the necessary intelligence ex-works. The luminaires can be controlled either by app, push-button, sensor or via the cloud. Thanks to the high flexibility of LiveLink Retail, merchandise is perfectly displayed in sales areas or window displays even if the goods are changed or redesigned. A genuine advantage: the system can store and play lighting scenes, for example optimally illuminated sales areas for merchandise presentations or atmospherically staged spaces for customer events – a light management system as adaptable and dynamic as retail itself. HCL or day-adaptive control are also possible. A real game changer in terms of future viability: LiveLink Retail offers the possibility of integrating IoT components into the lighting network and thus implementing new functions with minimal effort, for example location-based services or integration into building management systems.



About TRILUX

TRILUX SIMPLIFY YOUR LIGHT represents the most simple and reliable path to customised, energy-efficient and future-capable lighting solutions. In the dynamic and increasingly complex lighting market, customers are provided with optimal advice, ideal orientation and perfect light. In order to ensure this claim TRILUX accesses a broad portfolio of technologies and services as well as efficient partners and companies within the TRILUX Group. The lighting specialist brings together individual components to create tailor-made complete solutions – always perfectly matched to customer requirements and the field of application. This allows complex and extensive projects to be simply and rapidly implemented from a single source. According to the principle of SIMPLIFY YOUR LIGHT, easy planning, installation and use is the focus of customer solutions in addition to quality and efficiency.

The TRILUX Group has six production locations in Europe and Asia and supports international customers with 30 subsidiaries and many sales partners. The Light division includes the brands of TRILUX SIMPLIFY YOUR LIGHT, Oktalite and Zalux. Associated companies include wtec, Crosscan, ICT and the online platform watt24. The Innovation Centre, as a division for research and development, bundles innovative power under the roof of TRILUX. The TRILUX Akademie has locations in Germany, Austria, the Netherlands, Belgium, the United Kingdom, France, Switzerland and the United Arab Emirates, and communicates expertise concerning themes, trends and new developments in the lighting sector. The company employs approximately 5,000 employees worldwide, with headquarters at Arnsberg in Germany.

For more information, visit www.trilux.com.

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