



TRILUX
SIMPLIFY YOUR LIGHT.

E-LINE NEXT

**EVERYTHING REMAINS.
EXCEPT BETTER.**

WWW.TRILUX.COM





THE CHALLENGE

LED continuous line systems have enormous potential, e.g. in industry, shop & retail, office and education. However, most systems are too inflexible. The result is compromises in terms of quality of light, energy efficiency, design, controllability and future safety. This is a challenge for lighting designers and architects, a risk for operators and a nuisance for users.





THE SOLUTION

TRILUX has used 25 years of experience with continuous lines and radically upgraded the E-Line LED. With innovative technological possibilities for the market requirements of today and tomorrow. The result: E-Line Next LED. The modular system is uniquely versatile in its optics, lumen packages and lengths and covers two performance levels with one system. Pioneering in quality of light and energy efficiency (up to 190 lm/W), E-Line Next LED is the ideal solution for continuous line projects across all applications.

















ADVANTAGES WITH LIGHTING DESIGN

All tenders with a single system – E-Line Next LED

Finally a system that is ready for anything. The modular system offers a uniquely wide selection of optics, lumen packages, module lengths, protection ratings, colour rendering indices and much more. Most components can be freely combined so that all conceivable tender specifications can be met.

With the new E-Line Configurator, lighting designers and architects have the enormous bandwidth of variants under their control. The system guides the user through the configuration process and suggests suitable optics for the specific application. Especially convenient: the data can simply be saved, transferred directly into the ERP system and used again as a starting point for further projects.

3	Trunking	
3	Colours	
3	Protection types	
2	Mounting methods	
3	Gear tray lengths	
3	Lifespans	
15	Light distributions	
37	Luminous flux packages	
4	Light colours	
2	CRI Indices	
2	Switching types	
9	Supplementary modules	



ADVANTAGES WITH LIGHTING DESIGN

Made-to-measure from infinite possibilities – thanks to the E-Line Configurator

In total, E-Line Next LED offers around 250,000 different combination options. Too many? Not at all! With the new E-Line Configurator, lighting designers and architects have the enormous bandwidth of variants under their control.


















































ADVANTAGES WITH LIGHTING DESIGN

From planar and shelf lighting to accentuation – perfect light with custom optics

E-Line Next LED is available with 15 different optics and spotlights. This means it always achieves optimum visual comfort in any application and at any mounting height, and at the same time offers complete flexibility for accenting and emotional light. The portfolio includes, for example, glare-controlled solutions for computer workstations, systems with a high colour rendering index, special optics for the logistics sector and double asymmetric optics for ideally illuminated aisles in the retail sector.



ADVANTAGES WITH LIGHTING DESIGN

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LWV SEHR BREIT- STRAHLEND VERY WIDE	LW BREIT-STRAHLEND WIDE	LN TIEF-STRAHLEND NARROW	LVN SEHR TIEF- STRAHLEND VERY NARROW HRL	LEN EXTREM TIEF-STRAHLEND EXTREME NARROW HRL	LDAA DOPPELT ASYMMETRISCH BREIT-STRAHLEND DOUBLE ASYMMETRIC WIDE	LDAN DOPPELT ASYMMETRISCH TIEF-STRAHLEND DOUBLE ASYMMETRIC NARROW	LAN ASYMMETRISCH TIEF-STRAHLEND ASYMMETRIC NARROW	LW19 BREIT- STRAHLEND (19) WIDE (19)	DL LAMBERTISCH- STRAHLEND LAMBERTIAN	DSL SCHMAL LAMBERTISCH- STRAHLEND SLIM-LAMBERTIAN	PWW BREIT-STRAHLEND WIDE-WIDE	PW BREIT-STRAHLEND WIDE	PVN TIEF-STRAHLEND NARROW	PW19 BREIT- STRAHLEND (19) WIDE (19)	
															
3 - 6 m MONTAGEHÖHE MOUNTING HEIGHT	4 - 8 m MONTAGEHÖHE MOUNTING HEIGHT	8 - 12 m MONTAGEHÖHE MOUNTING HEIGHT	8 - 12 m MONTAGEHÖHE MOUNTING HEIGHT	12 - 16 m MONTAGEHÖHE MOUNTING HEIGHT	2,8 - 3,5 m MONTAGEHÖHE MOUNTING HEIGHT	3,6 - 5,0 m MONTAGEHÖHE MOUNTING HEIGHT	2,8 - 3,5 m MONTAGEHÖHE MOUNTING HEIGHT	2,8 - 3,5 m MONTAGEHÖHE MOUNTING HEIGHT	3 - 6 m MONTAGEHÖHE MOUNTING HEIGHT	2,5 - 4 m MONTAGEHÖHE MOUNTING HEIGHT	2,5 - 4 m MONTAGEHÖHE MOUNTING HEIGHT	3 - 6 m MONTAGEHÖHE MOUNTING HEIGHT	8 - 12 m MONTAGEHÖHE MOUNTING HEIGHT	3 - 6 m MONTAGEHÖHE MOUNTING HEIGHT	
															
															

ADVANTAGES WITH LIGHTING DESIGN

Flex or Fix – from cost-efficient to maximum flexibility

In terms of trunking, two different systems are available. The Flex system has continuous wiring and thus enables the modules to be freely positioned in the trunking – ideal for maximum flexibility. The Fix system on the other hand has fixed female connectors – at spacing of either 368,75 mm, 1.475 mm or 2.212,5 mm. Perfect for cost-sensitive projects.



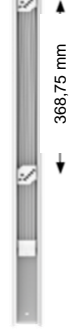
E-Line Fix 2250 | wahlweise 7-adrig oder 7+7-adrig | IP64 | IP20



E-Line Fix 1500 | wahlweise 7-adrig oder 7+7-adrig | IP64 | IP20



E-Line Fix 375 | 7-adrig | IP20



E-Line Flex | 7-adrig | vollflexible Verdrahtung | IP20



E-Line Flex | 11-adrig | vollflexible Verdrahtung | IP20





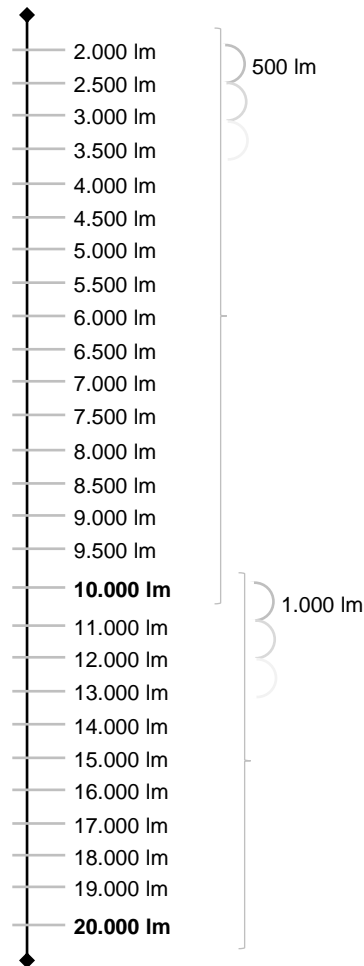
ADVANTAGES WITH LIGHTING DESIGN

High light output: luminous flux packages from 2,000 to 20,000 lumens

E-Line Next LED comes as standard with luminous flux packages of between 2,000 and 20,000 lumens. This means that warehouses with high mounting heights can be illuminated just as effortlessly and efficiently as offices, supermarkets and educational facilities.

Perfect light and maximum efficiency: the ideal lumen package

Precise selection of the luminous flux guarantees maximum visual comfort and efficiency. This is the reason why the luminous flux packages of E-Line Next LED can be selected from 2,000 to 10,000 lumens in steps of 500. Between 10,000 and 20,000 lumens, the luminous flux packages can be configured in steps of 1,000 lumens.

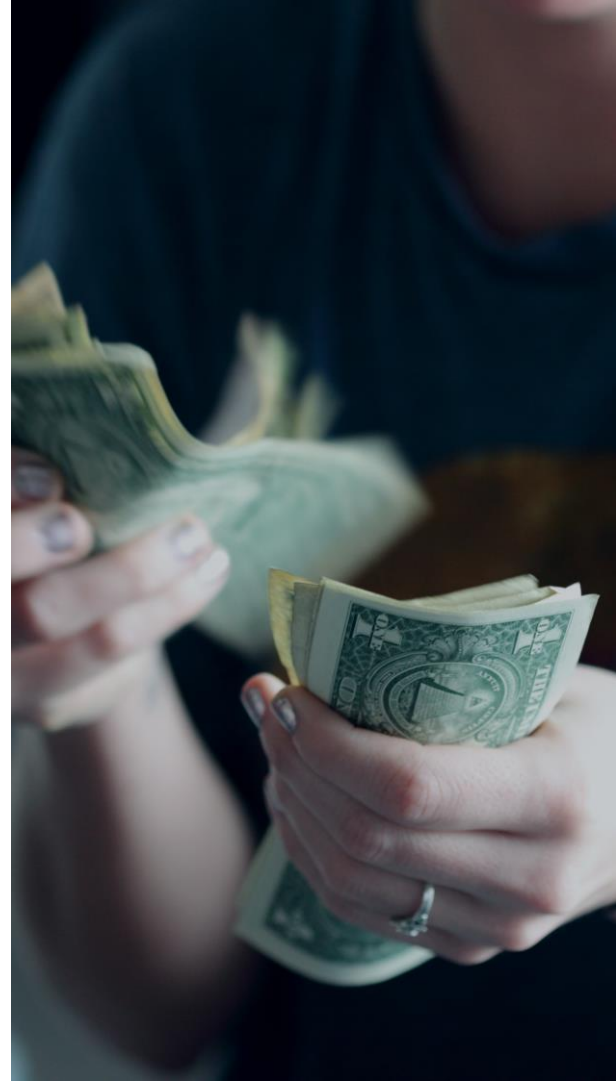




ADVANTAGES WITH LIGHTING DESIGN

Changes in the project or a new budget? No problem at all.

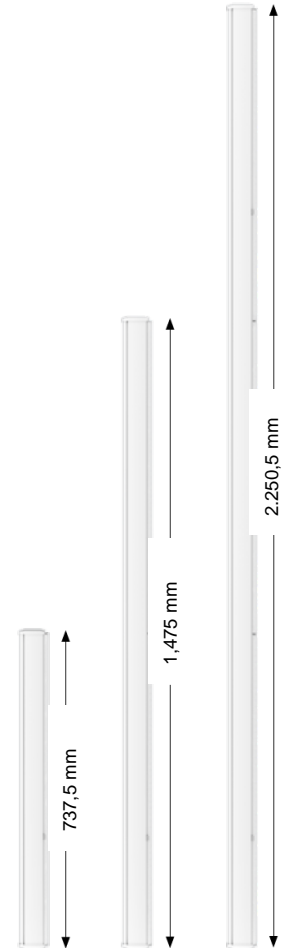
Everything's planned and ready – but suddenly the requirements in a project change, for example due to a new cost framework or the wish to include Human Centric Lighting (HCL). In such cases the lighting designers and architects have to adapt the lighting design. Those specifying E-Line Next LED have a clear advantage though, because all system components are compatible and can be flexibly modified to the new framework conditions. For example, if costs have to be saved, it is sufficient to modify the service life requirement (>50,000 h or >70,000 h) via the configurator without the light distribution being affected. You suddenly want it to be HCL after all? Just replace the gear tray with the corresponding Active variant. Done. In this way, two price points and (almost) all customer needs can be covered with one system. That's flexibility that makes a real difference in practice.



ADVANTAGES WITH LIGHTING DESIGN

Three module lengths. And one target. To optimally illuminate all rooms.

Three different module lengths make E-Line Next LED especially adaptable. The classic 1,500 mm-length gear tray is ideal for renovating old E-Line systems. In some applications, for example supermarkets, perfectly illuminated merchandise aisles and shelves play an important role. Until now, lighting designers had to compromise with aisle lengths that could not be exactly divided by 1,475 mm. This is the reason why TRILUX now offers a 737,5 mm-length gear tray – ideal for "filling gaps" and optimisation in the shop area. There's also a 2.212,5 mm-length luminaire insert for particularly cost-efficient buildings.

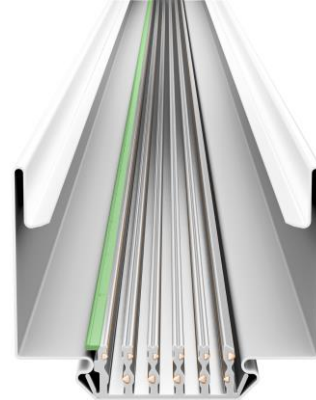




ADVANTAGES WITH LIGHTING DESIGN

All aboard: current conductors for additional loads

With E-Line Next LED, additive technologies and consumers such as emergency lighting circuits or sensors can be integrated into the system. Beacons can also be integrated effortlessly in the future. The Flex version of the E-Line Next LED has an 11-core current conductor, the Fix version has 14 (7+7) cores. The additional consumers make it possible to use the lighting infrastructure for further tasks to increase e.g. comfort and security.





ADVANTAGES WITH LIGHTING DESIGN

Human Centric Lighting throughout – like daylight in a building

All E-Line Next LED variants are available as HCL-enabled Active solutions. This means that HCL can be used for the first time across applications. The HCL luminaires change their spectral composition over the course of the day like natural sunlight and thus bring "daylight into the interior of the building". In this way the body receives important impulses that support the biological rhythm and can improve well-being.





ADVANTAGES WITH INSTALLATION

Quick, clean and simple – intuitive and simple mounting

Typical for E-Line Next LED is fast, simple and intuitive installation. After the trunking has been attached, the gear trays are simply latched into place without tools via spring catches. A special feature of E-Line Next LED: the spring catch snaps into place after mounting and provides acoustic and visual feedback that it is correctly inserted.





ADVANTAGES WITH INSTALLATION

One drilling point every four metres – definitely a benefit

E-Line Next LED Flex has a new trunking geometry and a new type of coupling. This enables suspension distances of 4 metres and saves much time and costs during installation.





ADVANTAGES WITH INSTALLATION



Optimised packaging sizes – less effort, less waste, lower costs

To date, E-Line has been delivered in packs of 1 or 4. However, unpacking and disposing of waste costs time and burdens the environment. For this reason, customers now have the option of having their E-Line Next LED supply delivered to the construction site in tailor-made, large containers instead of in many single packs. That saves up to 15% in time and also protects the environment.

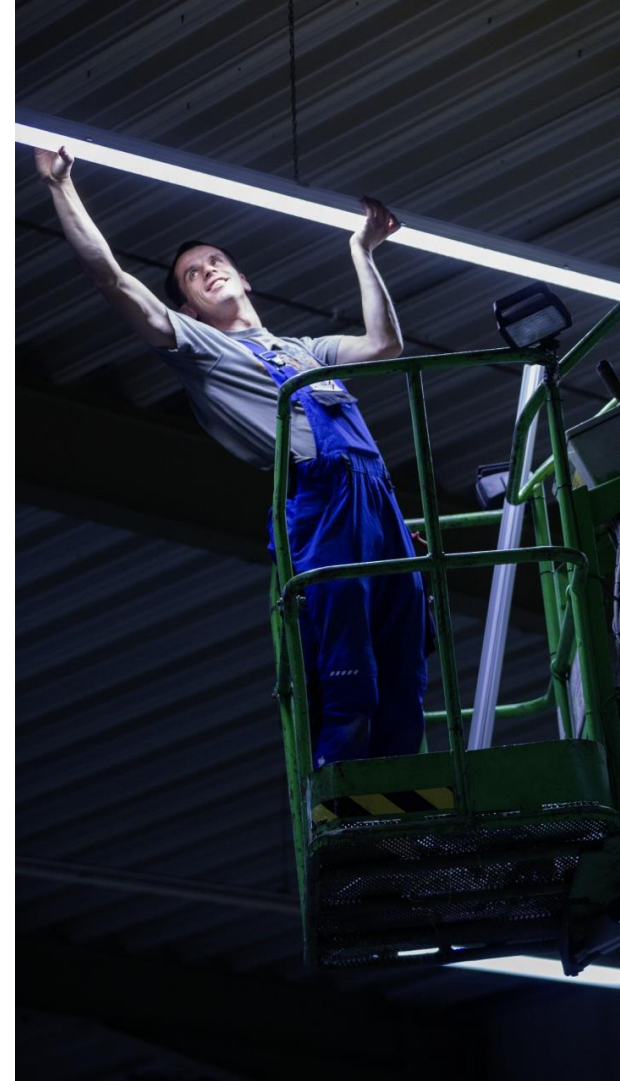




ADVANTAGES WITH INSTALLATION

Refurbished in a flash – quick upgrades for obsolete systems

The new E-Line Next LED Fix gear trays with their taps also fit old E-Line trunking units, regardless of whether they are LED versions or existing T5/T8 systems. A renovation is therefore done quickly, easily and with minimal effort.

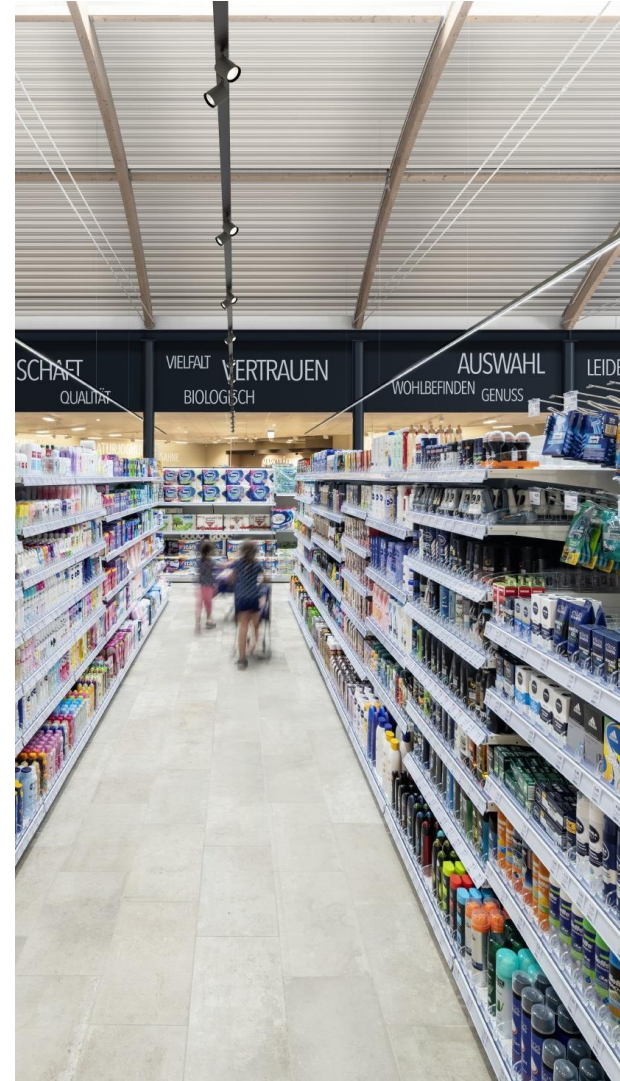




ADVANTAGES IN OPERATION

Highest quality of light – a visible difference

With its versatility in terms of optics and lumen packages as well as high glare control, E-Line Next LED provides customised light everywhere. With a colour rendering index of $Ra > 90$ in the standard portfolio, especially natural colour rendering is guaranteed. The result – very good quality of light and maximum visual comfort. A real advantage, especially when details are involved, for example in quality control in the automotive industry or merchandise display in shop & retail.

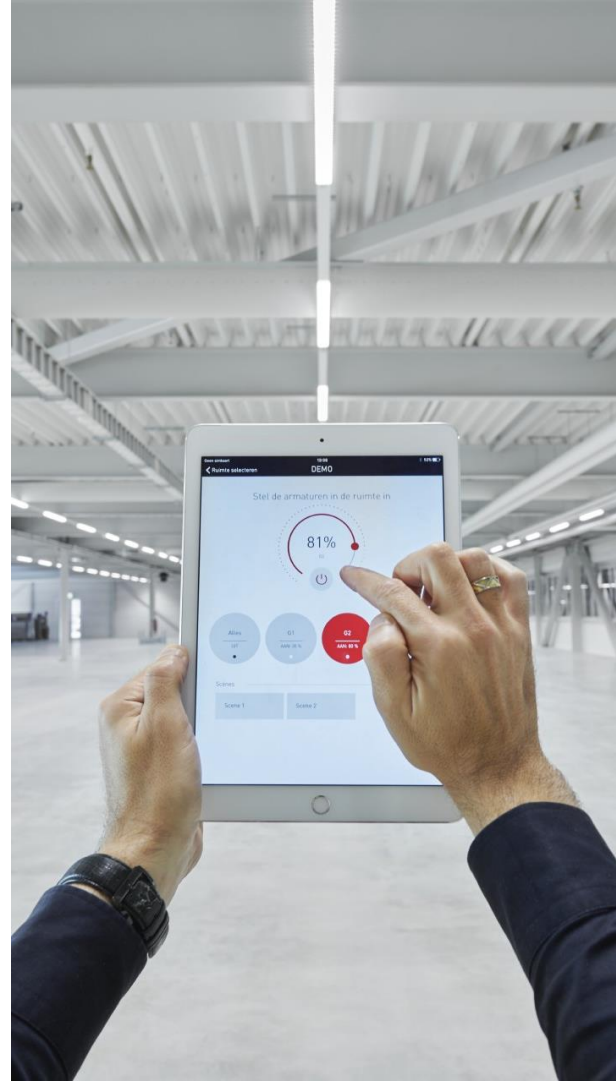




ADVANTAGES IN OPERATION

Check! Low operating costs, quick paybacks

Thanks to its uniquely high energy efficiency of up to 190 lm/W, E-Line Next LED is particularly economical in operation. At the same time, the system scores with a service life of 70,000 h (L80, up to t_90 50°C). The result: low operating costs and quick payback periods.

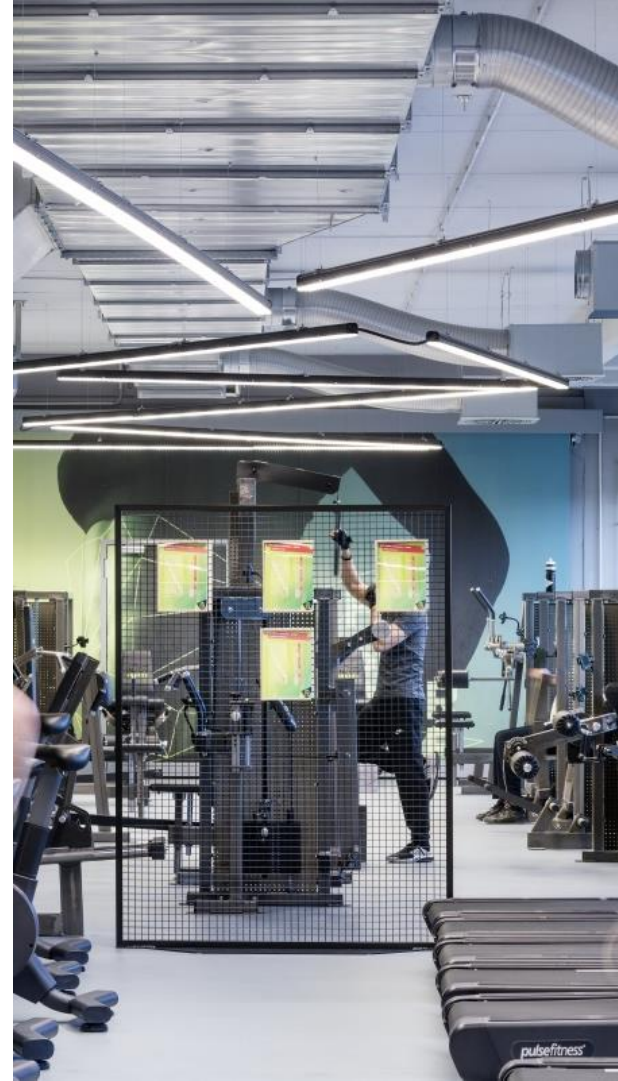




ADVANTAGES IN OPERATION

Click and go. Minimal downtime during refurbishment

Whether it's a T5, T8 or LED system: converting an existing E-Line to the new E-Line Next LED Fix is done in just 44 seconds. Only the gear trays are exchanged. The existing trunking units can still be used. This minimises expensive downtimes when refurbishing during running operation.





ADVANTAGES IN OPERATION

Snap springs can be removed – a good idea for sure

Theft and mischief prevented: the snap springs can be removed after installation so that the luminaire cannot be opened by unauthorised persons after installation (for example in schools and educational establishments).





ADVANTAGES IN OPERATION



For tough cases – also as an IP64 variant

Simply unstoppable: as an IP64 variant the E-Line Next LED shows its robust side, ideal for areas with high safety requirements or harsh conditions, such as cold stores, canopied outdoor areas, industrial production facilities, technical rooms or teaching kitchens in the education sector.

Combined with all lens optics and various sensor and emergency lighting variants, the IP64 variant can be used in a variety of applications.





ADVANTAGES IN OPERATION

Clean – all variants are HACCP-compliant

High hygiene standards must be maintained in the food industry and canteen kitchens. E-Line Next LED is ideal for this. The special design prevents dust deposits so that all variants – whether IP20 or IP64 – are HACCP-compliant and suitable for use in hygiene-sensitive environments.





ADVANTAGES IN OPERATION

An attractive design down to the last detail

Looks more than good: due to the attractive design of the optic and trunking and the high-quality workmanship, E-Line Next LED also looks good in prestigious surroundings. Thanks to the new fastening system, no screw points are visible on the optic. The snap springs can also be easily removed after mounting. This way, not even the smallest detail disturbs the high-quality, minimalist design.



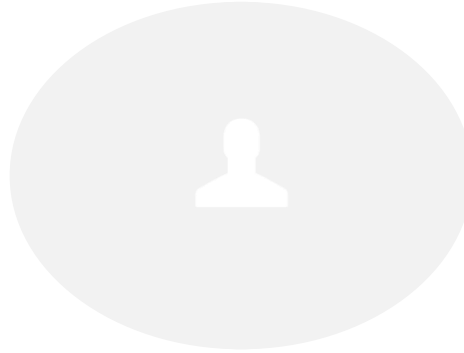


ADVANTAGES IN OPERATION

Future-proof – keeping all options open

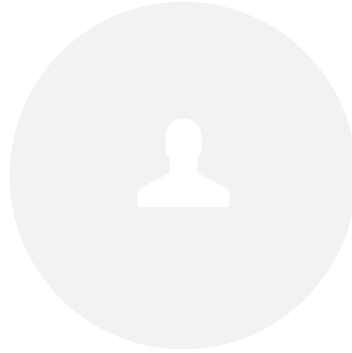
E-Line Next LED offers maximum future security. New applications can be implemented with little effort simply by exchanging the modules. The power supply required for this is already available. 11 cores with the Flex version, and 14 cores with the Fix version. As a result, the system can be used to collect and analyse movement data for proximity marketing, asset tracking, etc. or simply equipped with an emergency light module.





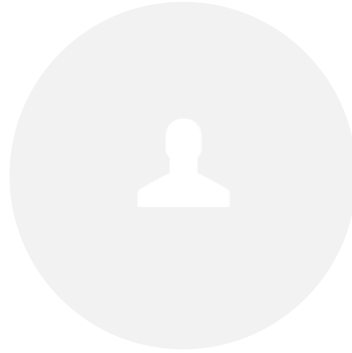
LIGHTING DESIGNERS

E-Line Next LED is available with 15 different optics and spotlights and luminous flux packages from 2,000 to 20,000 lm. This means that all tender specifications can be ideally met. Selection of the modules is done with just a few clicks thanks to the online configurator.



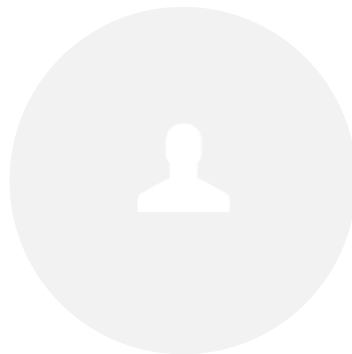
ELECTRICAL CONTRACTORS

E-Line Next LED is uniquely quick and easy to install thanks to optimised module lengths and drilling point spacings of 4 metres as well as customised project packaging. Just one click and the gear trays are in the trunking. This also makes it possible to refurbish existing E-Line solutions in record time.



END CUSTOMERS

Absolutely rewarding: With an energy efficiency of up to 190 lm/W, E-Line Next LED guarantees continuously low operating costs and fast payback. At the same time, the excellent quality of light (also due to HCL) ensures best work results and increases employee satisfaction. The system is also fit for the future thanks to the ability to integrate additional modules such as beacons and emergency light modules.



KEY ACCOUNT

E-Line Next LED scores with excellence at all levels. With maximum flexibility for made-to-measure light. With the highest product quality and the certainty that all standards and energy requirements are met. And with minimal downtime in refurbishment projects as well as quick and competent support.

TECHNICAL FEATURES

Features	E-Line Fix	E-Line Flex
Energy efficiency	to 170 lm/W HE; HE+ (Industry) to 190 lm/W	
Individually configurable luminous flux packages	2,000 lm to 20,000 lm 2,000-10,000 lm: steps of 500 lm 10,000-20,000 lm: steps of 1,000 lm	
Service life	50,000 h / L80 / tq 35 °C HE 70,000 h / L80 / tq 50 °C HE+ (Industry) 90,000 h / L80 / tq 50 °C	
Colours	white 01 silver 03* black 05	
Colour rendering	Ra > 80 HE; HE+ (Industry) Ra > 80/90 / ACT	
Optics (HCL-capable)	9 lens optics 2 opal optics 4 prismatic optics	
Wiring (LV)	7 / 14	7 / 11
Protection rating	IP20 / IP64 / IP50**	IP20
Module sizes	Module 750: 738 mm Module 1500: 1,475 mm Module 2250: 2,212.50 mm	
Ambient temperature	-25 °C to 35 °C HE; HE+ (Industry) -25 °C to 50 °C	
Suspension distances	up to 3.5 m	up to 4.0 m
Mounting method	Surface- and suspended mounting using various fasteners	
Further features	Spotlight-, track-, sensor-, light management-, emergency light- and blank module inserts, and light panel-, fixed point-, weather-proof luminaire-, MironaFit- and X-T-L connectors (INN)	

HE = High Efficiency
HE+ = High Efficiency (Industry)
* IP64 variant in silver as standard
** Coming soon: E-Line Next LED IP50 via accessories

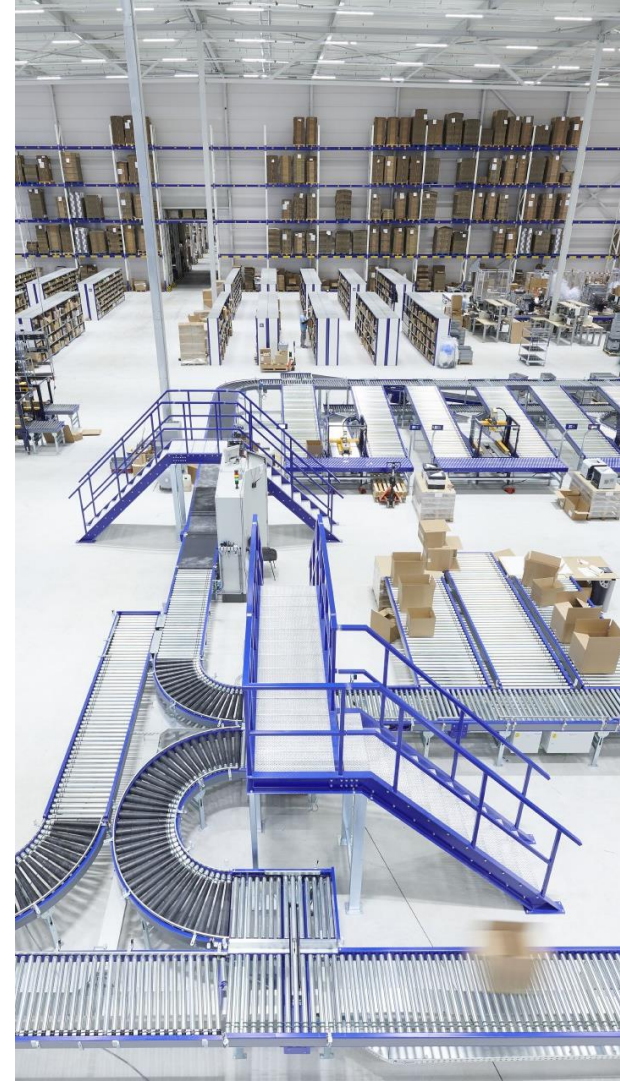
Note:
All switchable gear trays (ET) have 100% in DC operation.
All dimmable gear trays (non-UR/EB3) have 15% in DC operation.
Does not apply to EB3 or UR versions.





INDUSTRY

The pioneering modular system: With 15 optics and luminous flux packages from 2,000 to 20,000 lumens, E-Line Next LED can be adapted to any application with unique precision. Sophisticated lighting technologies mean that light points can be saved. Quality of light and energy efficiency (up to 190 lm/W) set new standards. All modules are HCL-capable to e.g. support the well-being of employees, especially during shift work.





SHOP AND RETAIL

Perfectly illuminated aisles and shelves, an attractive checkout area and a high quality ambience. With a colour rendering index of $Ra > 90$ and different application-specific optics and spotlights, E-Line Next LED offers unique flexibility with illumination and accentuation, e.g. with two double asymmetric optics for different aisle widths and heights.





OFFICE

E-Line Next LED is the answer to the trend towards linear lighting systems in modern offices. With two different HCL-capable, VDU-compliant optics and spotlights and a colour rendering index of $Ra > 90$, the system ensures maximum visual comfort and employee well-being. Its attractive design, for example, is particularly well suited to office concepts with an industrial look.





EDUCATION

See everything in a new light: E-Line Next LED is a real all-rounder with different application-specific optics and spotlights. Whether shelf lighting in libraries, classrooms or for blackboard- or accent lighting. The modular system provides excellent quality of light for maximum visual comfort. In addition, all variants are HCL-compliant. This prevents eye fatigue and improves the ability to concentrate.





BULLET POINTS

- **Modular kit system**
Extremely broad portfolio for maximum design flexibility in all applications
- **Flexible positioning of modules**
Free positioning of the modules through continuous wiring with the Flex version
- **New module lengths**
Three module lengths between 737,5 mm and 2.212,5 mm for perfect interior design
- **Luminous flux**
Luminous flux packages between 2,000 lm and 20,000 lm. From 2,000 to 10,000 lm in steps of 500 lm and from 10,000 to 20,000 lm in steps of 1,000 lm
- **Human Centric Lighting for all applications**
All variants also available as Active solution for HCL
- **Future-proof**
Power supply available for additional consumers
- **Online Configurator**
Continuous line configurations using online tool
- **Attractive**
High quality design and workmanship for use in all applications
- **Protects the environment and budget**
New type of packaging concept minimises frustration, costs and waste
- **Accents and emotions**
Colour rendering Ra>90 and spotlight module B.VEO with 5 emission angles for ideal retail showcasing
- **Efficient**
Precise lighting solution planning thanks to configurable luminous flux options and maximum efficiency in the market with up to 190 lm/W



Thank you for your attention!

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