

TRILUX
SIMPLIFY YOUR LIGHT.

E-LINE NEXT LED

FROM EXPERIENCE.
FROM THE MARKET.
FOR THE FUTURE.

www.trilux.com/eline-next

EVERYTHING REMAINS.
EXCEPT BETTER.

AR⁺

Experience E-Line Next LED in 3-D thanks to augmented reality



1. Load the TRILUX AR app

Scan the QR code or enter "TRILUX AR" into the search field of the App Store and download the free augmented reality app.



2. Activate the app

To use the augmented reality function, start the AR app. Now use the camera to scan the application pages and product pages marked with the AR symbol in this brochure. The 3-D model is displayed as soon as the angle and distance are correct. Click on the symbols and let the TRILUX world surprise you!

3. Experience TRILUX

Experience E-Line Next LED from TRILUX with augmented reality on your mobile device. Explore detailed 3-D models of the products from all sides and experience the variety and flexibility of this lighting system.

**E-Line Next LED –
Everything remains. Except better.**

Augmented Reality	Page 01
TRILUX – SIMPLIFY YOUR LIGHT	Page 04 - 05
History of the E-Line	Page 06 - 07
Everything remains. Except better.	Page 10 - 11



Applications

Industry	Page 12 - 13
Retail	Page 14 - 15
Office	Page 16 - 17
Education	Page 18 - 19



**E-Line Next LED –
Everything remains. Except more flexible.**

System overview	Page 22 - 23
Fix/Flex trunking	Page 24 - 29
Gear trays/optics overview	Page 30 - 35
Module overview	Page 36 - 37
Technical features	Page 38 - 39
Nomenclature	Page 40 - 41

**E-Line Next LED –
Everything remains. Except more efficient.**

Industry planning examples	Page 44 - 47
Retail planning examples	Page 48 - 51
Office planning examples	Page 52 - 53
Education planning example	Page 54 - 55

**E-Line Next LED –
Everything remains. Except with higher quality.**

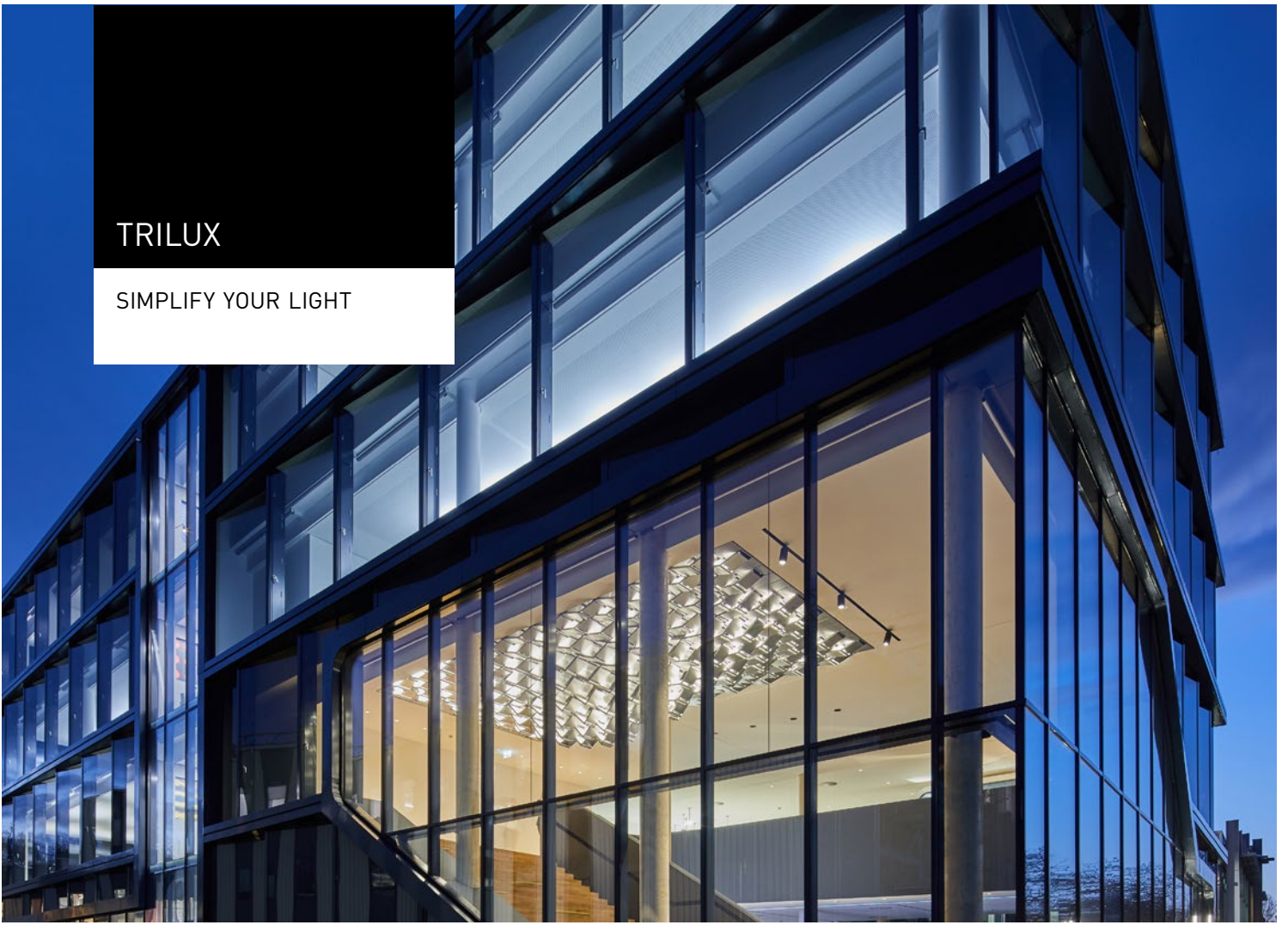
More than just a product	Page 58 - 59
Quickly and simply configured	Page 60 - 61
Optimised packaging sizes	Page 62 - 63
Indoor light management	Page 64 - 65
LiveLink Premium	Page 66 - 67
Human Centric Lighting	Page 68 - 69
Lighting solutions & services	Page 70 - 73

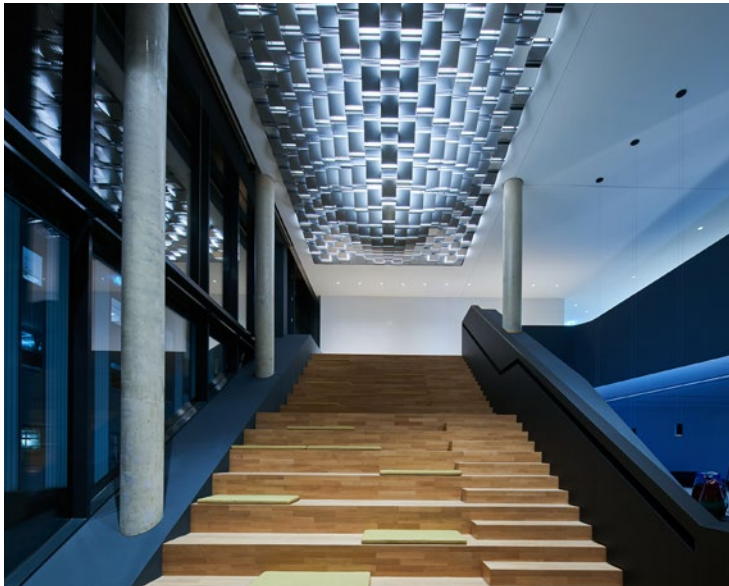
**E-Line Next LED –
Everything remains. Except simpler.**

TRILUX Portal	Page 76 - 77
TRILUX Akademie	Page 78 - 79
Contacts	Page 80 - 81

TRILUX

SIMPLIFY YOUR LIGHT





TRILUX SIMPLIFY YOUR LIGHT represents the simplest and most reliable path to customised, energy-efficient and future-proof lighting solutions. In the dynamic and ever increasingly complex lighting market, customers are provided with optimal advice, ideal orientation and perfect light. To ensure this, TRILUX offers a wide portfolio of technologies and services as well as high-performance partners and companies in the TRILUX Group. The lighting specialist combines single components to create custom-designed complete solutions – always perfectly tailored to the customer's requirements and specific applications.

This way, complex and extensive projects can be simply and rapidly implemented from a single supplier. According to the principle of SIMPLIFY YOUR LIGHT, simple planning, installation and ease of use is focused on for customers in addition to quality and efficiency.

E-LINE NEXT LED

HISTORY OF THE E-LINE

1999 ○

T8 with 83 lm/W and 20,000 h service life

With an improved wiring system and pre-assembled trunking couplings, E-Line is particularly easy to install.



2004 ○

T5 with 90 lm/W and 25,000 h service life

E-Line becomes even more slender thanks to the T5 system. Reflectors and accessories for single and dual lamp solutions are simplified. Multi-lamp technology increases the efficiency and service life.

1992 ○

T8 with 64 lm/W and 15,000 h service life

The first rapid-mounting continuous line for tool-free installation. One innovation consists of the practical snap fasteners, still in use almost unchanged to this day.

○ 2010

T5 with 90 lm/W and 25,000 h service life

Trunking and reflectors are optimised in length.

A real plus: new optics made of Miro silver material for optimal reflection properties and maximum efficiency.



○ 2017

LED with 169 lm/W and > 50,000 h service life

With 13 optics and ten different luminous flux packages, E-Line LED becomes an all-rounder in all applications. The luminaire is foodstuff-compatible and optionally available as an IP54 version.

E-LINE – ALWAYS AHEAD OF ITS TIME

The first TRILUX rapid-mounting continuous line already scored points in 1992 with maximum efficiency, quality and a consistent focus on customer benefits. Since then, we have continuously developed E-Line further. Only one factor has always remained the same:

our aim of advancing the lighting market through market-leading solutions with innovative technologies and practical features.

○ 2013

LED with 132 lm/W and > 50,000 h service life

Perfect interaction: reflector, accessories and light sources merge into a single unit. Four beam angles and three luminous flux packages provide maximum flexibility.

EVERYTHI
EXCEPT

NG REMAINS.
BETTER.

E-LINE NEXT LED

EVERYTHING REMAINS.
EXCEPT BETTER.



E-LINE NEXT LED – EVERYTHING REMAINS. EXCEPT BETTER.

It remains true to itself – and yet consistently takes the next step forward. Typical for E-Line Next LED are not only pioneering achievements in terms of efficiency, service life, quality of light and convenience. The modular system with its unique range of variants ensures made-to-measure, perfect lighting conditions in every application. And when it comes to sustainability, no wishes remain unfulfilled:

E-Line Next LED as a Monitoring-Ready version opens up the potential of intelligent and networked lighting. This makes it the ideal choice for all continuous line projects, across all applications.



EVERYTHING REMAINS – EXCEPT WITH HIGHER QUALITY

E-Line Next LED makes continuous lines "presentable" at all levels. On the one hand, the excellent quality of light with outstanding glare control and a colour rendering index of $Ra > 90$ is impressive. This means that the continuous line meets even the highest demands, e.g. for quality control in the automotive industry. And on the other hand, E-Line Next LED wins over visually as well: the slender and attractive design of the optic and trunking without visible screw points or snap-in clips means that the continuous line blends harmoniously into high-quality environments – and enhances the atmosphere with its modern elegance.

EVERYTHING REMAINS – EXCEPT SIMPLER

It couldn't be simpler: using a practical online configurator, users can customise a suitable continuous line for their project in just a few clicks. The final data can be easily stored, transferred to an ERP system and used for further projects. And the step into the future of lighting is also child's play with E-Line Next LED: on request, the continuous line can be quickly and easily networked and controlled via the LiveLink light management system – thus offering plug & play access to innovative services such as predictive maintenance.



EVERYTHING REMAINS – EXCEPT MORE FLEXIBLE

More adaptable than ever: as an extremely flexible modular system, E-Line Next LED offers a unique variety of optics, lumen packages, module lengths, protection ratings and colour rendering indices. For the first time even two performance requirements can be covered with a single system, and innovative applications such as Human Centric Lighting can be implemented across applications. The result: numerous possible combinations guarantee tailor-made light for every application, ranging from industry to retail and office to education.

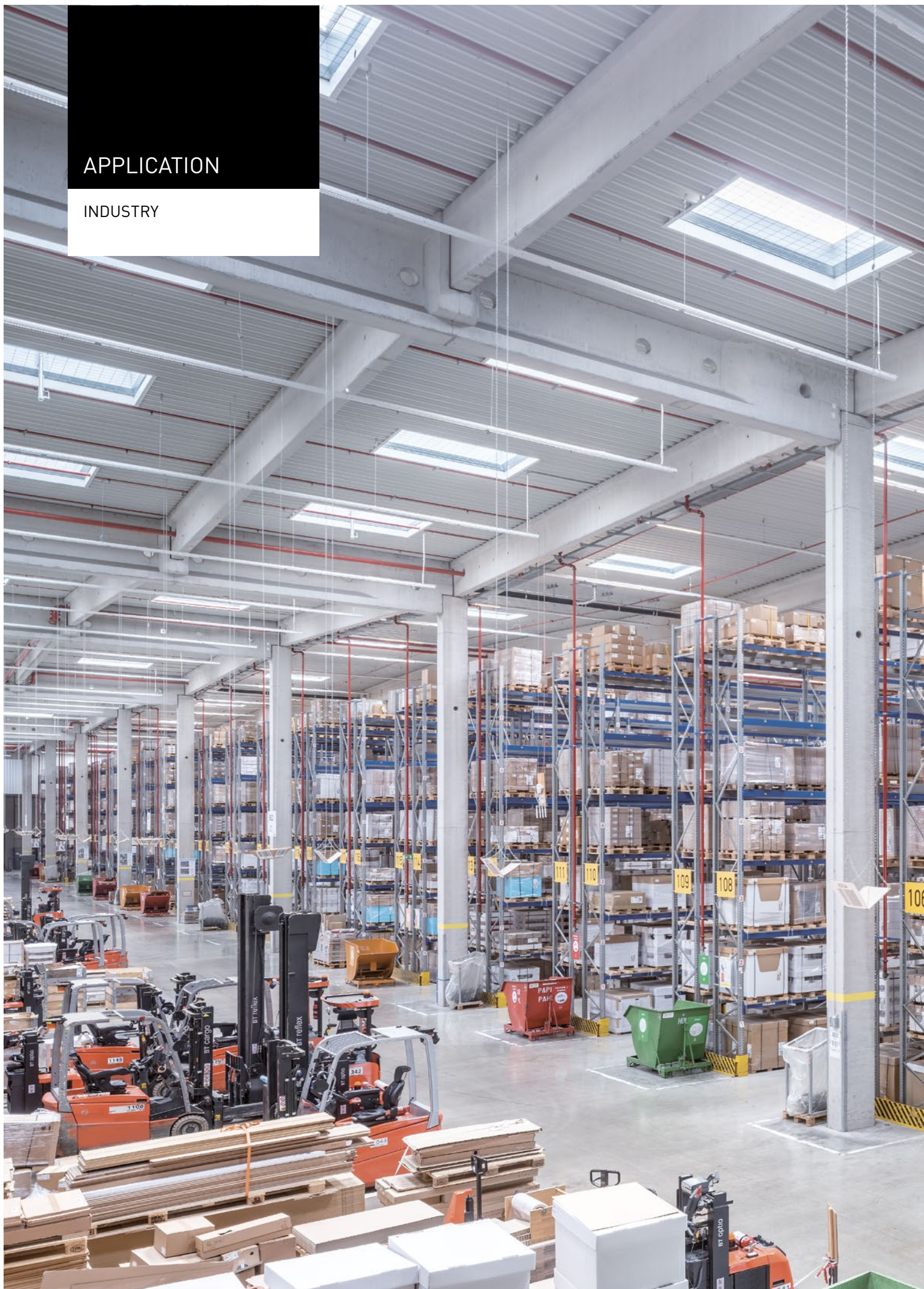
EVERYTHING REMAINS – EXCEPT MORE EFFICIENT

Pioneering: with energy efficiency of up to 190 lm/W and a 70,000 hour service life, the continuous line guarantees low operating costs in the long run. Thanks to many intelligent details, mounting is also more efficient than ever before. On request, E-Line Next LED is no longer delivered to the construction site in the usual 1 or 4 packs but in a large, tailor-made unit optimised in terms of packaging. This not only reduces packaging waste. It also saves time when unpacking and with garbage disposal, and accelerates mounting by up to 15 percent.



APPLICATION

INDUSTRY





The pioneering modular system: with 15 optics and luminous flux packages from 2,000 to 20,000 lm, 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 (Human Centric Lighting) to e.g. support the well-being of employees, especially during shift work.

APPLICATION

RETAIL

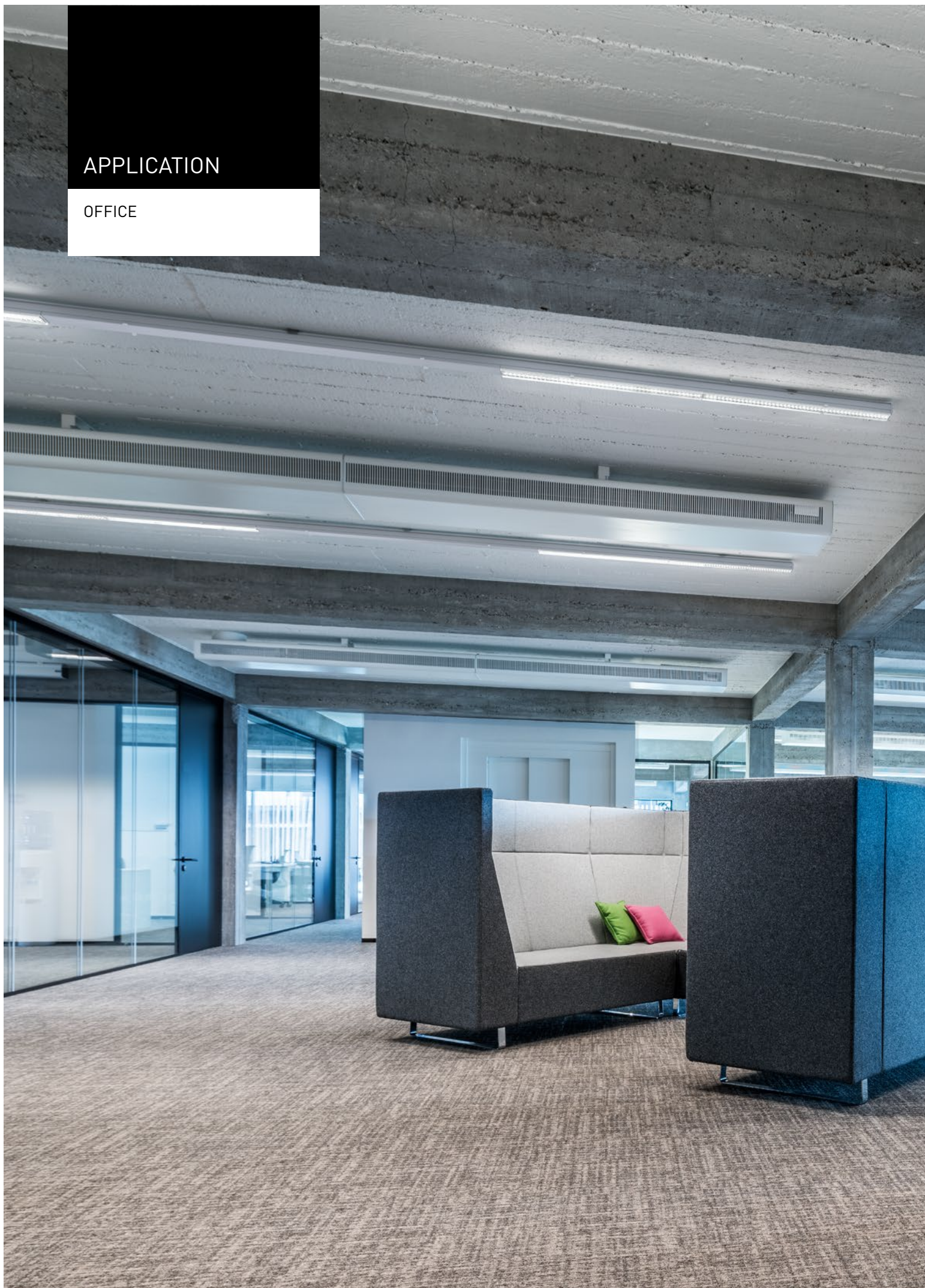


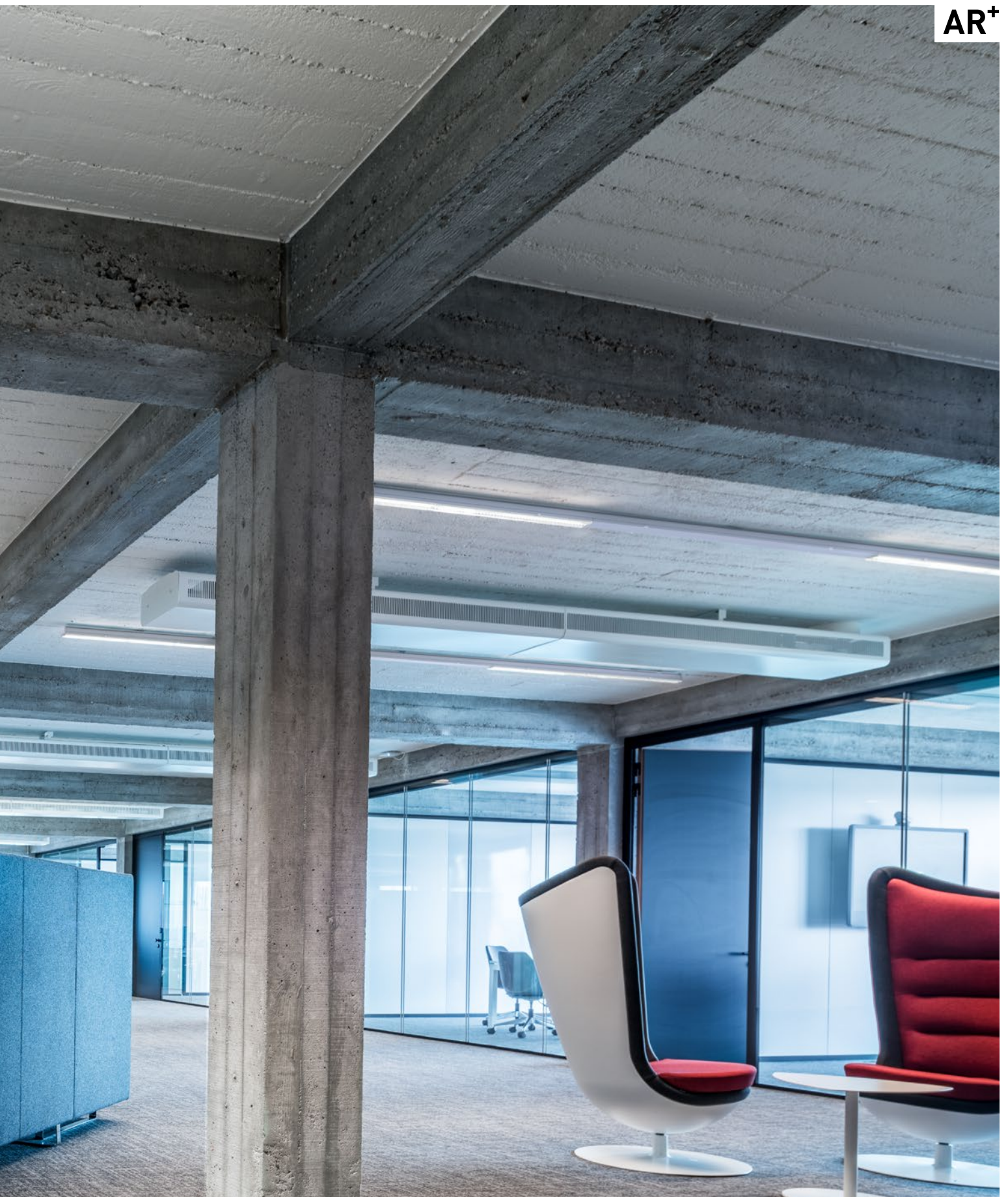


Perfectly illuminated aisles and shelves, an attractive checkout area and a high quality ambience. With a colour rendering index of $Ra > 90$ and various application-specific optics and spotlights, E-Line Next LED offers unique flexibility with illumination and accentuation, e.g. with two double asymmetric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

APPLICATION

OFFICE





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

APPLICATION

EDUCATION





See everything in a new light: E-Line Next LED is a real all-rounder thanks to various 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.

EVERYTHING REM
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The challenge

LED continuous line systems have enormous potential, e.g. in industry, 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.

1 TRUNKING

2 GEAR TRAYS

3 MODULE OVERVIEW

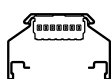
All familiar accessories can be found in the online catalogue.



**Flex
trunking**



**Fix
trunking**



**Fix IP54
trunking**



Lens optics



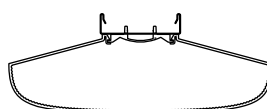
Opal optics



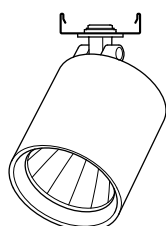
Opal optics



Prismatic optics



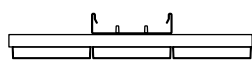
Prismatic optics



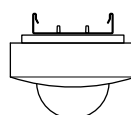
B.Veo LED



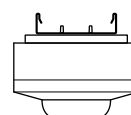
Mirona LED



Lightpanel LED



**Sensor
IS Highbay**



**Sensor
IR Quattro**



**Sensor
IR Micro**



**Emergency
light**

E-LINE NEXT LED

FIX/FLEX TRUNKING

E-Line Flex

Flex trunking has continuous wiring, which allows flexible positioning of modules. The power supply is available with either 7 or 11 wires, so that emergency light modules can also be integrated.



E-Line Fix

The trunking of the Fix system is equipped with fixed female connectors with spacing distances of 375 mm, 1,500 mm or 2,250 mm to each other. The 375 mm version has 7-core wiring, the versions with lengths 1,500 mm and 2,250 mm can be supplied with either 7 or 14 (7+7) wires.



• **E-Line Fix IP54**

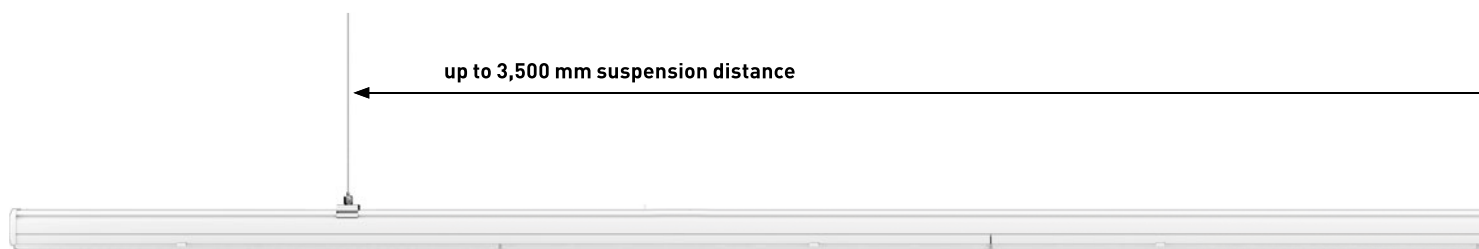
• The IP54 variant additionally covers
• all applications with high safety
• requirements or harsh general
• conditions.



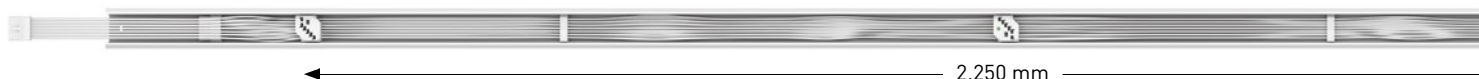
Fix or Flex – from cost-efficient to maximum flexibility

The trunking is available in two different systems, each with lengths of 750 mm, 1,500 mm, 2,250 mm, 3,000 mm or 4,500 mm. The Flex system has continuous wiring and thus enables 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 375 mm, 1,500 mm or 2,250 mm.

FIX TRUNKING



E-Line Fix 2250 | optionally 7-core or 7+7-core | IP54 | IP20



E-Line Fix 1500 | optionally 7-core or 7+7-core | IP54 | IP20



E-Line Fix 375 | 7-core | IP20

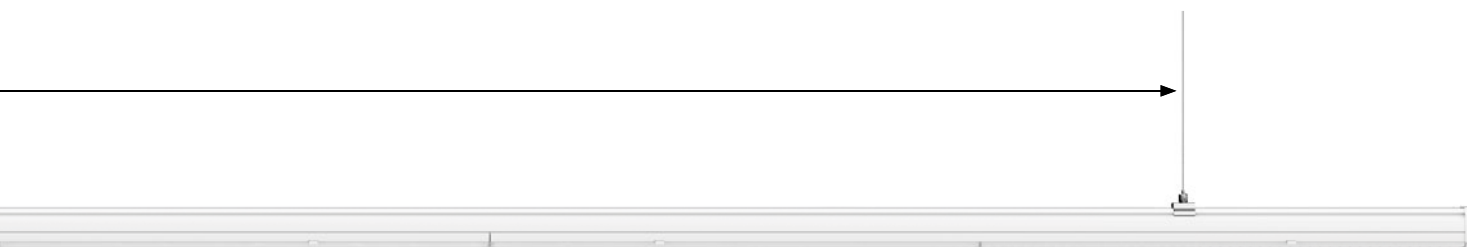


The trunking of the Fix variants has permanently mounted female connectors, arranged either every 375 mm, 1,500 mm or 2,250 mm. This enables different requirements to be taken into account during planning and lighting design. In retail areas for example the 375 mm arrangement ensures more flexibility in planning. For cost-sensitive projects, the Fix variant features trunking with female connector spacing of 2,250 mm.

An IP54 variant additionally covers all applications with high safety requirements or harsh general conditions. In this way, almost all applications can be covered with E-Line Next LED.



E-Line Fix LED
Classic design



Female connectors every 2,250 mm | for trunking lengths of 2,250 mm or 4,500 mm | ideal for cost-sensitive projects



Female connectors every 1,500 mm | for trunking lengths of 750 mm, 1,500 mm, 3,000 mm or 4,500 mm | for luminaires with classic 1,500 size

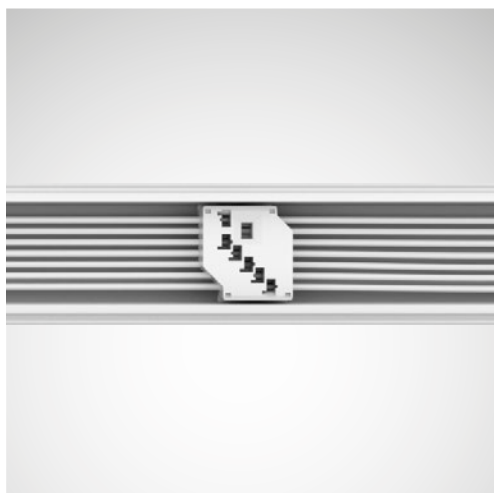


Female connectors every 750 mm | for trunking lengths of 750 mm, 1,500 mm, 2,250 mm, 3,000 mm or 4,500 mm | for more flexibility with lighting design



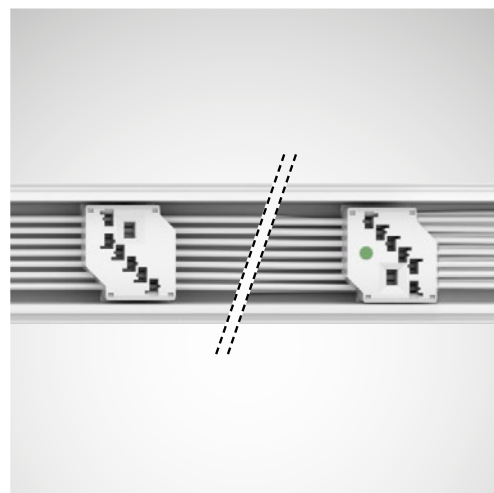
IP54 version

Increased protection rating thanks to specific design in which all lens optics can be used



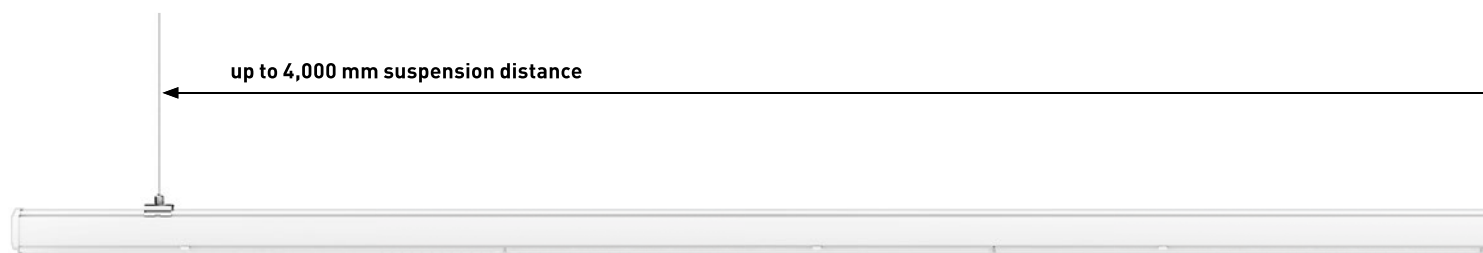
7-core wiring

7 x 2.5 mm²
3 separate circuits 2 control lines
for DALI signal or one emergency light circuit



7+7-core wiring

7 x 2.5 mm² + 7 x 2.5 mm²
3 separate circuits
2 control lines for DALI signal
2 independent emergency light circuits (marked by green dot)



E-Line Flex | 7-core | fully flexible wiring | IP20



①

E-Line Flex | 11-core | fully flexible wiring | IP20

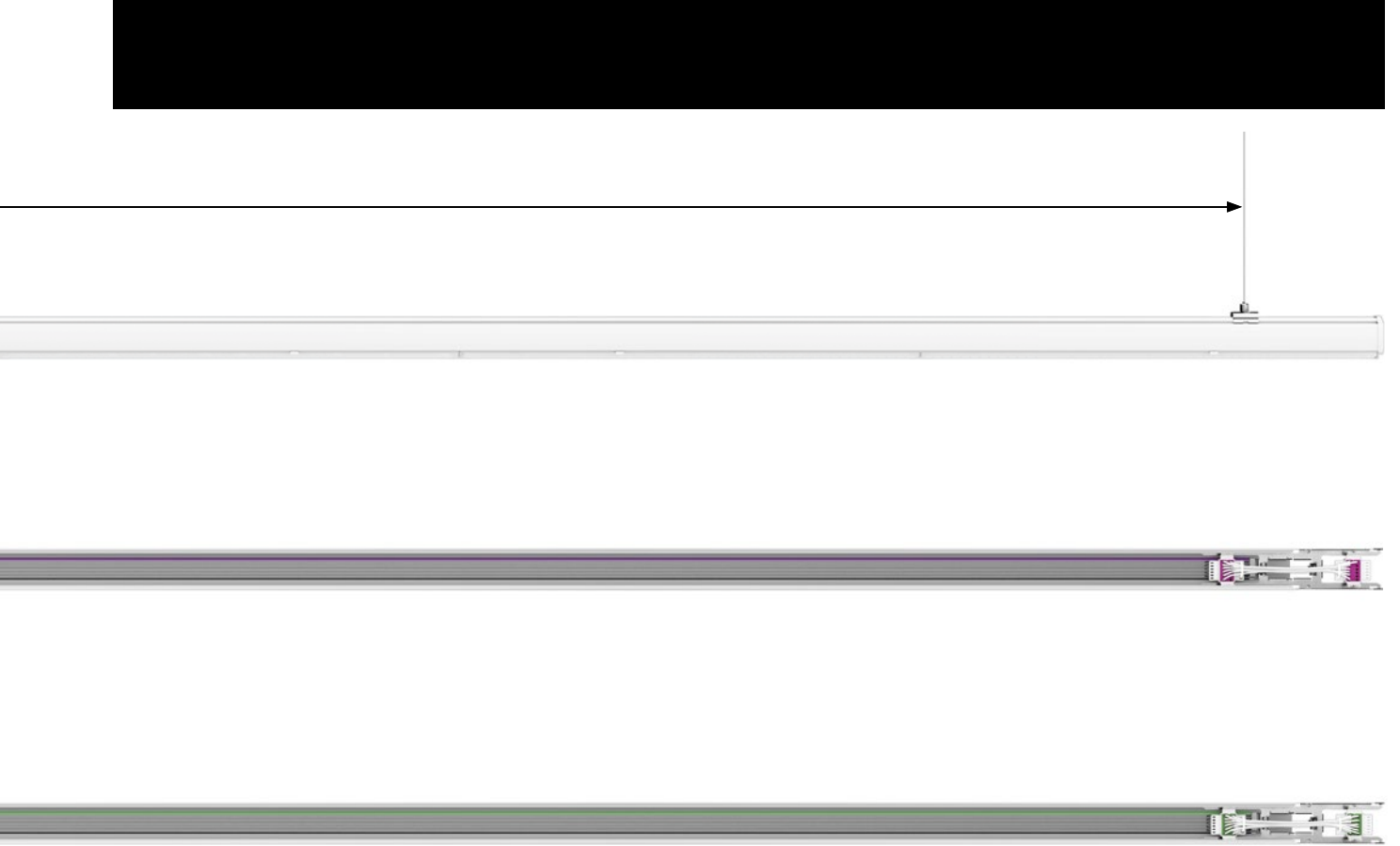


②

The Flex system of the new E-Line Next LED has continuous wiring and thus enables modules to be freely positioned in the trunking. This guarantees maximum flexibility with lighting design. Thanks to the new trunking geometry and a new coupling, suspension distances of up to 4 metres can be achieved. This saves time and costs during mounting. The clips of the snap springs can also be easily removed after mounting. With its high quality, simple and purist design, E-Line Next LED also cuts an attractive figure in exclusive surroundings.



E-Line Flex LED
Purist design



11-core track system for flexible integration of additional modules and emergency lighting components



Trunking connector
Mechanical coupling and
electrotechnical connector
pre-assembled in the trunking



7-core current conducting profile
 $5 \times 2.5 \text{ mm}^2 + 2 \times 1.5 \text{ mm}^2$
3 separate circuits
2 control lines for DALI signal



11-core current conducting profile
 $5 \times 2.5 \text{ mm}^2 + 6 \times 1.5 \text{ mm}^2$
3 separate circuits
2 control lines for DALI signal
2 independent emergency light circuits

E-LINE NEXT LED

GEAR TRAYS

Opal optics

The two opal optics of E-Line Next LED feature a slender design. The diffuse covers prevent the LED dots from being seen and are therefore ideal for retail, office and education areas with mounting heights of 2.5 m to 4 m.



Lens optics

With nine specific light distributions, the lens optics of E-Line Next LED are the ideal choice for every application and guarantee maximum illumination efficiency at mounting heights of 2.5 m to 16 m. A further plus: the lens optics have an identical appearance independent of the respective light distribution, thus ensuring a uniform ceiling appearance, especially in the retail sector.

Further modules

Further additive elements such as sensor, emergency light, highbay, track and weather-proof luminaire modules as well as spotlights and light panels round off the portfolio and offer the complete range of options for individual lighting concepts.











Prismatic optics

Four different prismatic optics ensure optimum visual comfort and maximum quality of light in a wide range of applications. From quality assurance in the automotive industry to computer workstations in the office and education sectors, E-Line Next LED ensures uniform light without visible LED points at mounting heights from 2.5 m to 12 m.

Best quality of light for best results

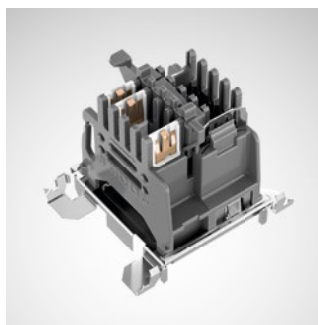
All solutions available in Ra > 80, Ra > 90 and as Active version (HCL)	Lens						
	Very wide (LVW)	Wide (LW)	Narrow (LN)	Very narrow (LVN) HRL	Extreme narrow (LEN) HRL	Double asymmetric wide (LDAW)	Double asymmetric narrow (LDAN)
							
Mounting height recommendation	3 – 6 m	4 – 8 m	8 – 12 m	8 – 12 m	12 – 16 m	2.8 – 3.5 m	3.6 – 5.0 m
 Industry	✓	✓	✓	✓	✓	✓	✓
 Retail	✓	✓				✓	✓
 Education	✓	✓				✓	✓
 Office	✓	✓					
Available as IP54 version	✓	✓	✓	✓	✓	✓	✓

		Diffuser		Prismatic			
Asymmetric narrow (LAN)	Wide (19) (LW19)	Lambertian (DL)	Slim – lambertian (DSL)	Wide-wide (PWW)	Wide (PW)	Narrow (PVN)	Wide(19) (PW19)
							
2.8 – 3.5 m	3 – 6 m	2,5 – 4 m	2.5 – 4 m	2.5 – 4 m	3 – 6 m	8 – 12 m	3 – 6 m
✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓		✓
✓	✓	✓	✓	✓	✓		✓
✓	✓	✓	✓	✓	✓		✓
✓	✓						



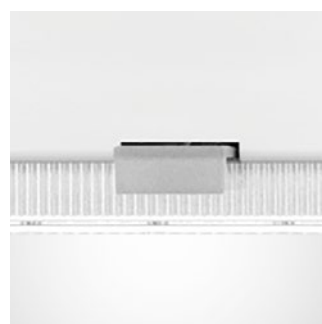
Fix Connector

In the 7+7-core version, the plug for electronic contacting of the emergency light circuits is marked with a green dot for easy assignment.



Flex Connector

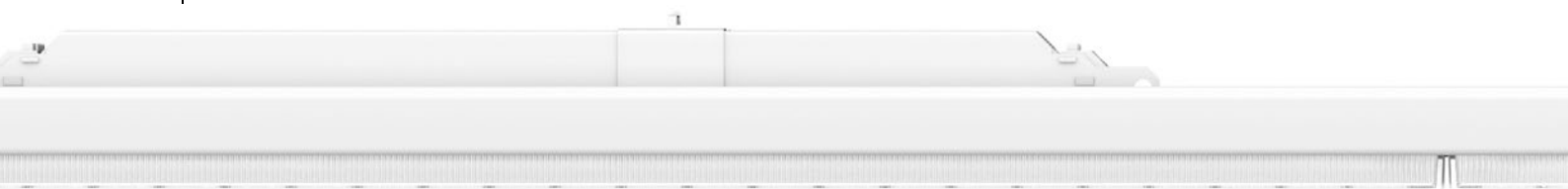
The plug for electronic contacting is colour-coded: 7-core (purple) and 11-core (green)



Snap springs

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. To ensure that the luminaire cannot be opened by unauthorised persons – for example in schools and educational establishments – the clips of the snap springs can be removed after installation.

E-Line Next LED comes as standard with luminous flux packages of between 2,000 and 20,000 lm. The luminous flux packages up to 10,000 lm can be flexibly selected in steps of 500 lm. Between 10,000 and 20,000 lm, luminous flux packages can be configured in steps of 1,000 lm. This means that warehouses with high mounting heights can be illuminated just as effortlessly and efficiently as offices, supermarkets and educational facilities.



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.



Lens optic



Prismatic optics



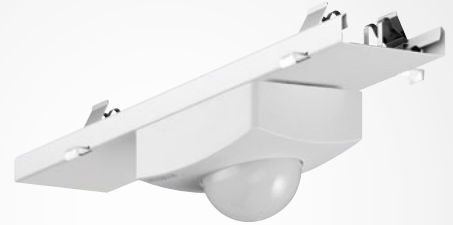
Opal optics

E-LINE NEXT LED

MODULE OVERVIEW



1 Emergency light



2 LiveLink



3 Mirona Fit LED



4 Lightpanel G2 LED



5 B.Veo LED

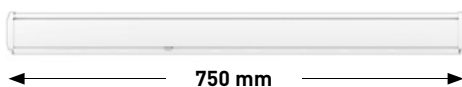


6 3-circuit track modules

In addition to the standard gear trays, E-Line Next LED can also be combined with other modules such as spotlights and emergency light components.

- 1 Emergency light modules can simply be connected to the trunking of E-Line Next LED (module length 375 mm) via plug & play. Four different light distribution curves enable use in highly diverse applications.
- 2 The daylight and presence sensors (for various mounting heights) are mounted on a factory pre-assembled gear tray (module length 375 mm) and are simply put into operation via plug & play.
- 3 In addition to the classic gear trays, the Mirona Fit LED highbay spotlight (module length 1,500 mm or 2,250 mm) can also be inserted into the trunking of the E-Line Next LED. In this way, special applications such as halls with particularly high ceilings or extreme temperatures can be equipped.
- 4 The versatile Lightpanel G2 LED with its high quality and particularly energy-efficient light provides attractive general lighting and route guidance in the retail sector, and can be simply inserted into the E-Line Next LED trunking system (module length 750 mm).
- 5 The B.Veo spotlight (module length 375 mm) meets a wide range of requirements in the retail sector thanks to five different beam characteristics. With its wide selection of lumen packages (2,000 lm to 5,000 lm), the spotlight can be used at various mounting heights. In addition, nine different light colours provide the right light for any type of merchandise.
- 6 3-circuit track modules from Nordic (module length 1,500 mm), optionally available for switchable and dimmable spotlights. Simple, tool-free mounting. Ideal for accentuating merchandise in the retail sector.

The gear tray of E-Line Next LED is available in three different module lengths:
750 mm, 1,500 mm and 2,250 mm.



750 mm

The gear tray with length 750 mm is particularly suitable for applications such as supermarkets and retail areas in which perfectly illuminated aisles and shelves of merchandise play an important role. This provides more flexibility in planning.

1,500 mm

The classic 1,500 mm-long gear tray is ideal for refurbishing old E-Line systems – these can be simply replaced one-to-one due to identical module dimensions.

2,250 mm

The 2,250 mm-long gear tray cuts investment and installation costs, making it particularly suitable for cost-efficient projects.

E-LINE NEXT LED

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 70,000 h / L80 / tq 50 °C > 70,000 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 / IP54	IP20
Module lengths	750 mm 1,500 mm 2,250 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 (NN)	

HE = High Efficiency
HE+ = High Efficiency (Industry)

Maximum quantity of gear trays per circuit for various automatic circuitbreakers

Cable cross-section	Fusing	Automatic circuitbreaker	Number of gear trays on one circuit*
2.5 mm ²	16 A	Type B	12 - 32 pcs.
2.5 mm ²	16 A	Type C	20 - 54 pcs.
1.5 mm ²	10 A	Type B	7 - 19 pcs.
1.5 mm ²	10 A	Type C	12 - 32 pcs.

* please refer to the data sheet for the exact number of gear trays per circuit

GEAR TRAYS

765	1	Fi	ACT	HE+	LW
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Product name	HCL mark (optional)	Performance	Optic
7751 Fl Flex 7651 Fi Fix	Act Active luminares	Without HE 50,000 h HE 70,000 h HE+ >70,000 h	LVW Lense Very Wide LW Lense Wide LN Lense Narrow LVN Lense Very Narrow LEN Lense Extreme Narrow LW19 Lense Wide (19) LDAN Lense Double Asymmetric Narrow LDAW Lense Double Asymmetric Wide LAN Lense Asymmetric Narrow PW Prismatic Wide PVN Prismatic Very Narrow PW19 Prismatic Wide (19) PWW Prismatic Wide Wide DL Diffusor Lambertian DSL Diffusor Lambertian (slim)

TRUNKING

07650	Fi	L225	7LV
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Product name	Trunking length	Conductor connections
07750 Fl Flex 07650 Fi Fix	L75 750 mm L150 1,500 mm L225 2 250 mm L300 3 000 mm L450 4 500 mm	7LV 7-core 11LV 11-core 7+7LV 14-core

200	840	ETDD	EB3	L225	01
System luminous flux	Light colour/CRI	Switching type	Emergency light	Length of gear tray	Housing colour
20-100 2,000 – 10,000 lm: freely configurable in steps of 500 lm 100-200 10,000 – 20,000 lm: freely configurable in steps of 1,000 lm	830 3,000 K, CRI80 840 4,000 K, CRI80 865 6,500 K, CRI80 930 3,000 K, CRI90 940 4,000 K, CRI90 965 6,500 K, CRI90	ET switchable ETDD dimmable	EB3 single battery 3h UR central battery	L75 750 mm L150 1500 mm L225 2250 mm	01 white 03 silver 05 black

225	01	IP54
Spacing between female connectors	Housing colour	Protection rating
37 375 mm 150 1,500 mm 225 2,250 mm	01 white 03 silver 05 black	IP54 dust and splashwater protected

EVERYTHING RE
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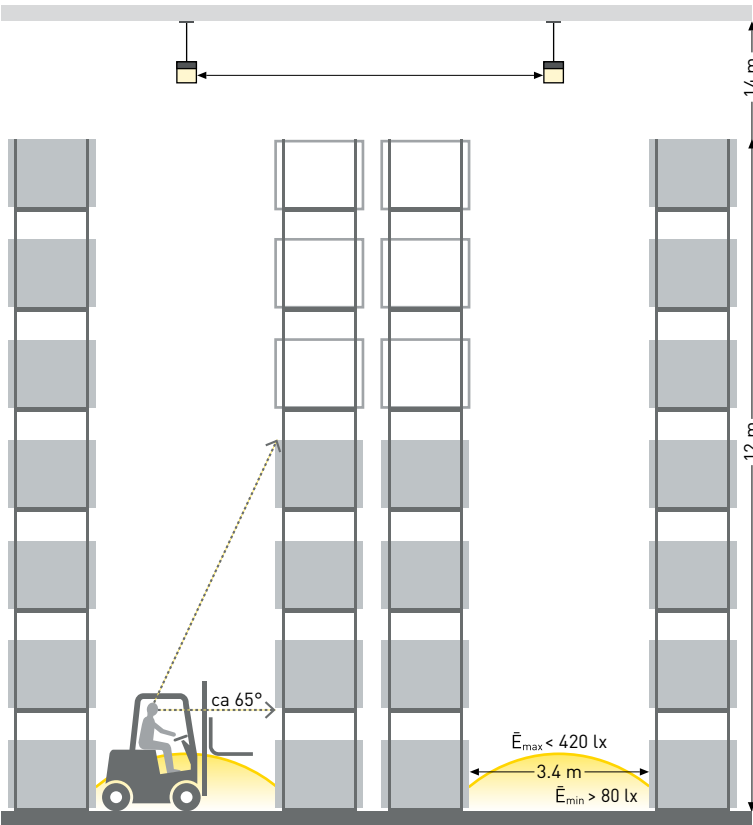
E-LINE NEXT LED

INDUSTRY
PLANNING EXAMPLES



Whether highbay racking warehouses or dispatch halls, E-Line Next LED with its versatile optics always offers the right solution for every application in the logistics sector as well.

HIGHBAY RACKING

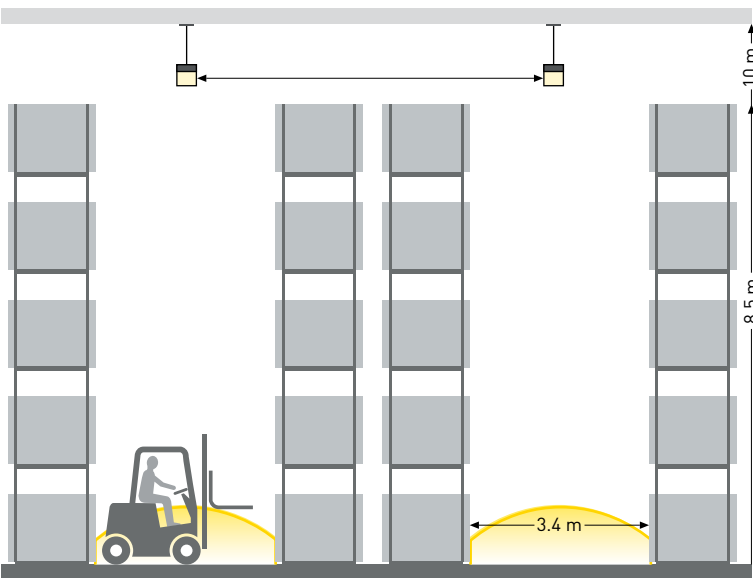


- Basis for planning example:**
- Aisle width.....3 m to 3.5 m
 - Mounting height..... 14 m (12 – 16 m)
 - E-Line lumen package.....variable
 - Vertical illumination.....0.5 m to 12.5 m

Normative requirement
 $\bar{E}_m > 150 \text{ lx} - U_o > 0.40$



WAREHOUSE



- Basis for planning example:**
- Aisle width.....3 m to 3.5 m
 - Mounting height..... 8 – 12 m
 - E-Line lumen package.....variable
 - Vertical illumination.....0.5 m to 8.5 m

Normative requirement
 $\bar{E}_m > 150 \text{ lx} - U_o > 0.40$



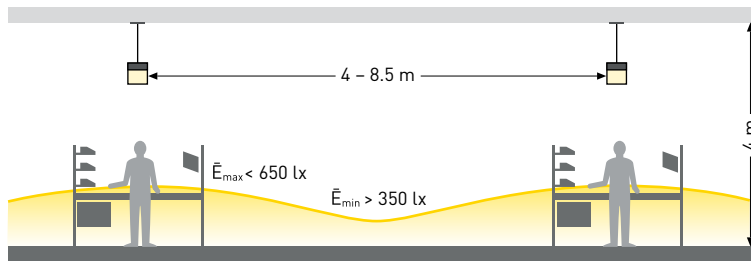
E-LINE NEXT LED

INDUSTRY
PLANNING EXAMPLES



E-Line Next LED offers the optimum solution for every normative requirement and ceiling height in industrial production halls. Individually selected luminous flux also guarantees maximum visual comfort and maximum efficiency.

ASSEMBLY WORKPLACE



Basis for planning example:

Mounting height..... 4 m (2.5 m-5 m)
E-Line lumen package..... variable
Industrial hall 120 m x 60 m

Normative requirement

$E_m \geq 500 \text{ lux} - U_o \geq 0.60$

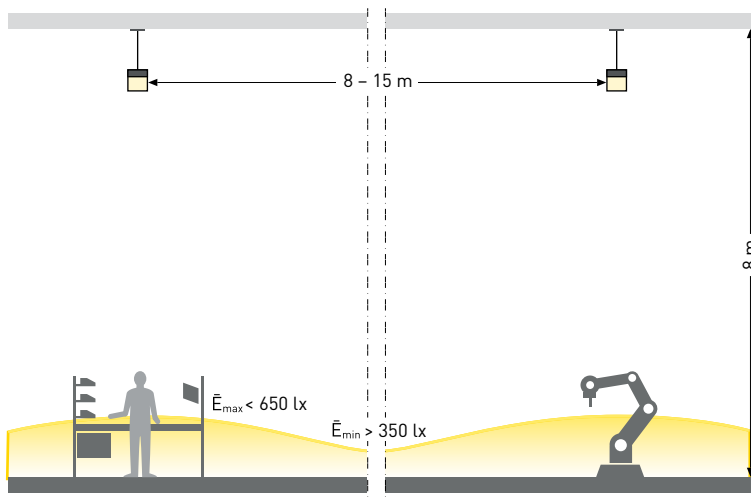


LVW



LW

PRODUCTION HALL



Basis for planning example:

Mounting height..... 8 m (6 m-10 m)
E-Line lumen package..... variable
Industrial hall..... 120 m x 60 m

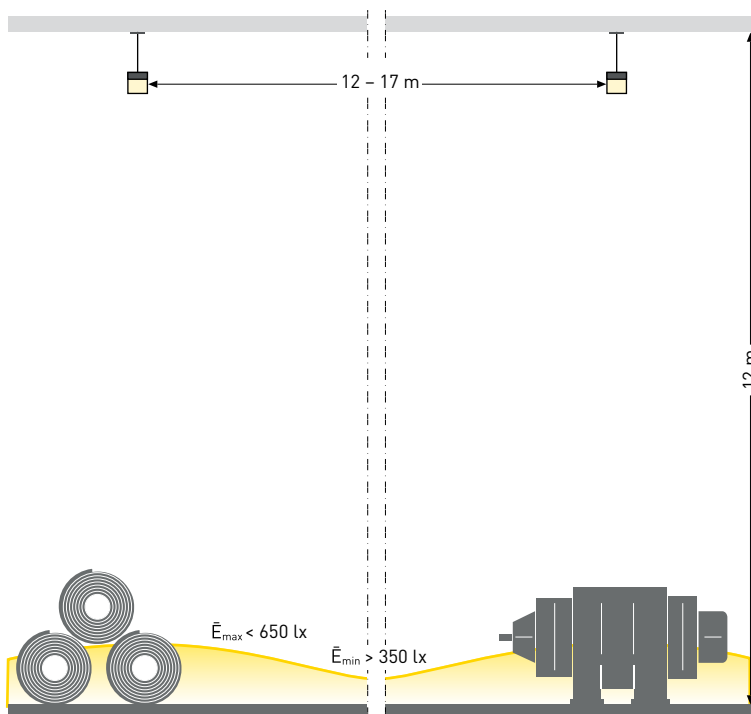
Normative requirement

$E_m > 500 \text{ lx} - U_o > 0.60$



LW

HEAVY INDUSTRY PRODUCTION HALL



Basis for planning example:

Mounting height..... 12 m (>10 m)
E-Line lumen package..... variable
Industrial hall..... 120 m x 60 m



LN

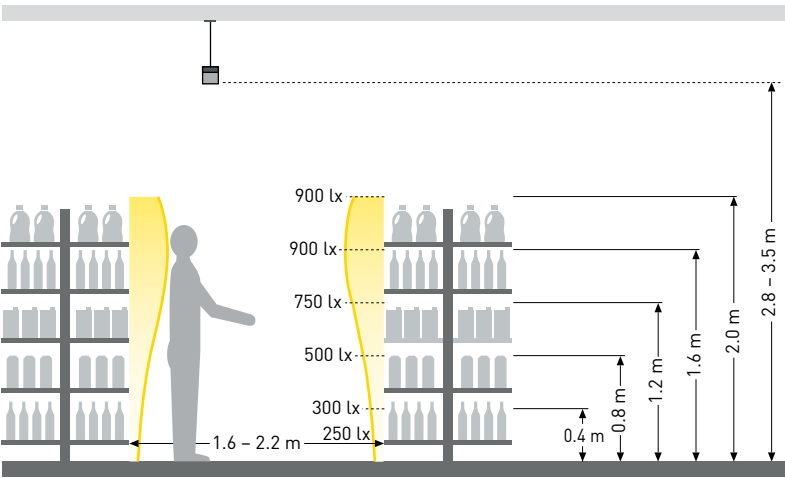
E-LINE NEXT LED

RETAIL
PLANNING EXAMPLES



Continuous lines flexibly and efficiently display merchandise in aisles. Increased illuminance at customer eye level is particularly important. In this way, merchandise can be specifically accentuated with light. The use of spotlights additionally emphasises this effect.

MERCHANDISE AISLE

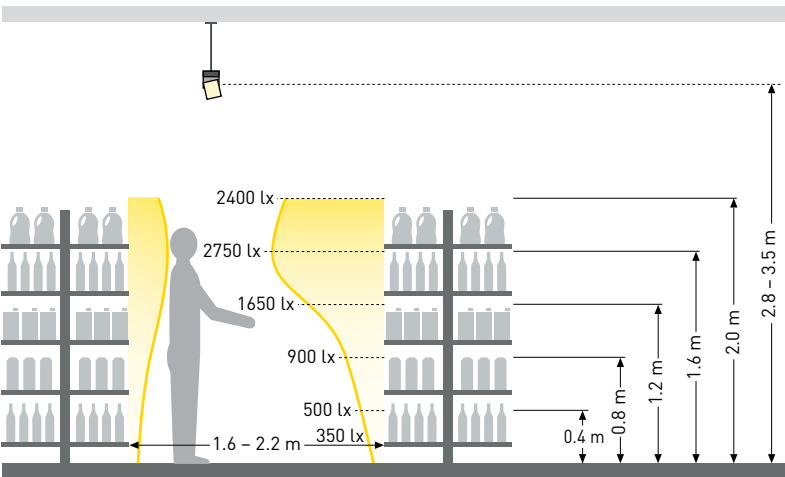


Basis for planning example:

Aisle width.....	1.9 m
Mounting height.....	3.0 m
E-Line lumen package.....	4,400 lm/m



AISLE WITH SPOTLIGHTS



Basis for planning example:

Aisle width.....	1.9 m
Mounting height.....	3.0 m
E-Line lumen package.....	4,400 lm/m



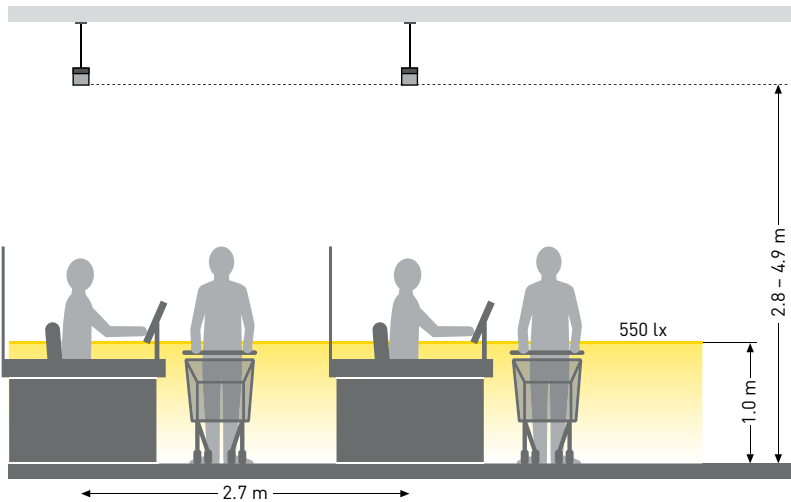
E-LINE NEXT LED

RETAIL
PLANNING EXAMPLES



Long working days, stressed customers and high concentration: at checkout areas, E-Line Next LED offers maximum visual comfort with a UGR value of 19. These are the best prerequisites for efficient workplaces.

CHECKOUT AREA



Basis for planning example:

Aisle width.....	2.70 m
Mounting height.....	3.50 m
E-Line lumen package.....	2,400 lm/m
UGR	suitable for computer workstations



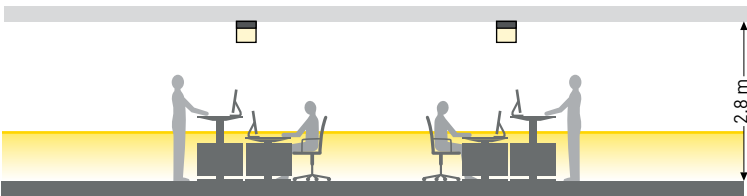
E-LINE NEXT LED

OFFICE
PLANNING EXAMPLES



Changes in the worlds of work has led to innovative New Work concepts in addition to classic offices. The E-Line Next LED continuous line ensures efficient illumination of the office area whilst also offering outstanding quality of light thanks to high colour rendering and Human Centric Lighting. Spotlight modules can also be flexibly installed to accent or zone specific areas.

CLASSIC OFFICE



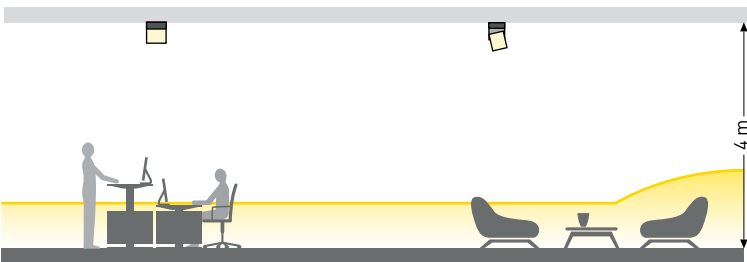
Basis for planning example:
Mounting height (PW19) 2.8 m (2.5 m-5 m)
Mounting height (recommendation: LW19)..... > 3.5 m
E-Line lumen package (L 2.25 m) 6,600 lm
UGR ≤ 19

Normative requirement
 $\bar{E}_m \geq 500 - 1,000 \text{ lux} - U_o \geq 0.60$



PW19
LW19

INDUSTRIAL DESIGN OFFICE



Basis for planning example:
Mounting height (PW19) 4 m (2.5 m-5 m)
Mounting height (recommendation: LW19)..... > 3.5 m
E-Line lumen package (L 2.25 m) 6,600 lm
UGR ≤ 19

Normative requirement
 $\bar{E}_m \geq 500 - 1,000 \text{ lux} - U_o \geq 0.60$



PW19
LW19



MF
SP

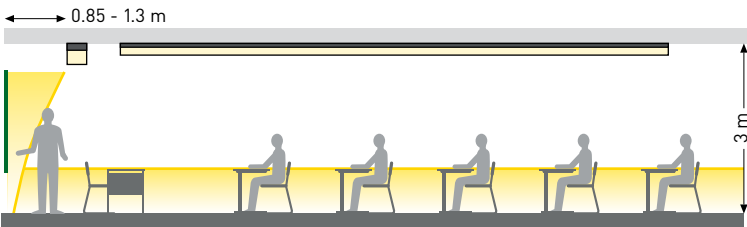
E-LINE NEXT LED

EDUCATION
PLANNING EXAMPLES



Good visibility is required to create a good learning and teaching atmosphere in classrooms and auditoriums. E-Line Next LED ensures efficient illumination of the room, and with its asymmetric optic focuses on the teaching content on panels and blackboards. Thanks to outstanding quality of light, high colour rendering and good glare control, best conditions for successful learning are achieved.

CLASSROOM



Basis for planning example:

Mounting height (usually)	3.0 m
E-Line lumen package (L 1.5 m)	4,200 lm (PW19)
E-Line lumen package (L 1.5 m)	5,500 lm (LAN)
Room dimensions*	60-70 m ²
UGR	≤ 19

Normative requirement
 $\bar{E}_m \geq 300-500 \text{ lux} - U_o \geq 0.60$ – General illumination (PW19)
 $\bar{E}_m \geq 500 \text{ lux} - U_o \geq 0.70$ – Panel illumination (LAN)

*AMEV Lighting 2016

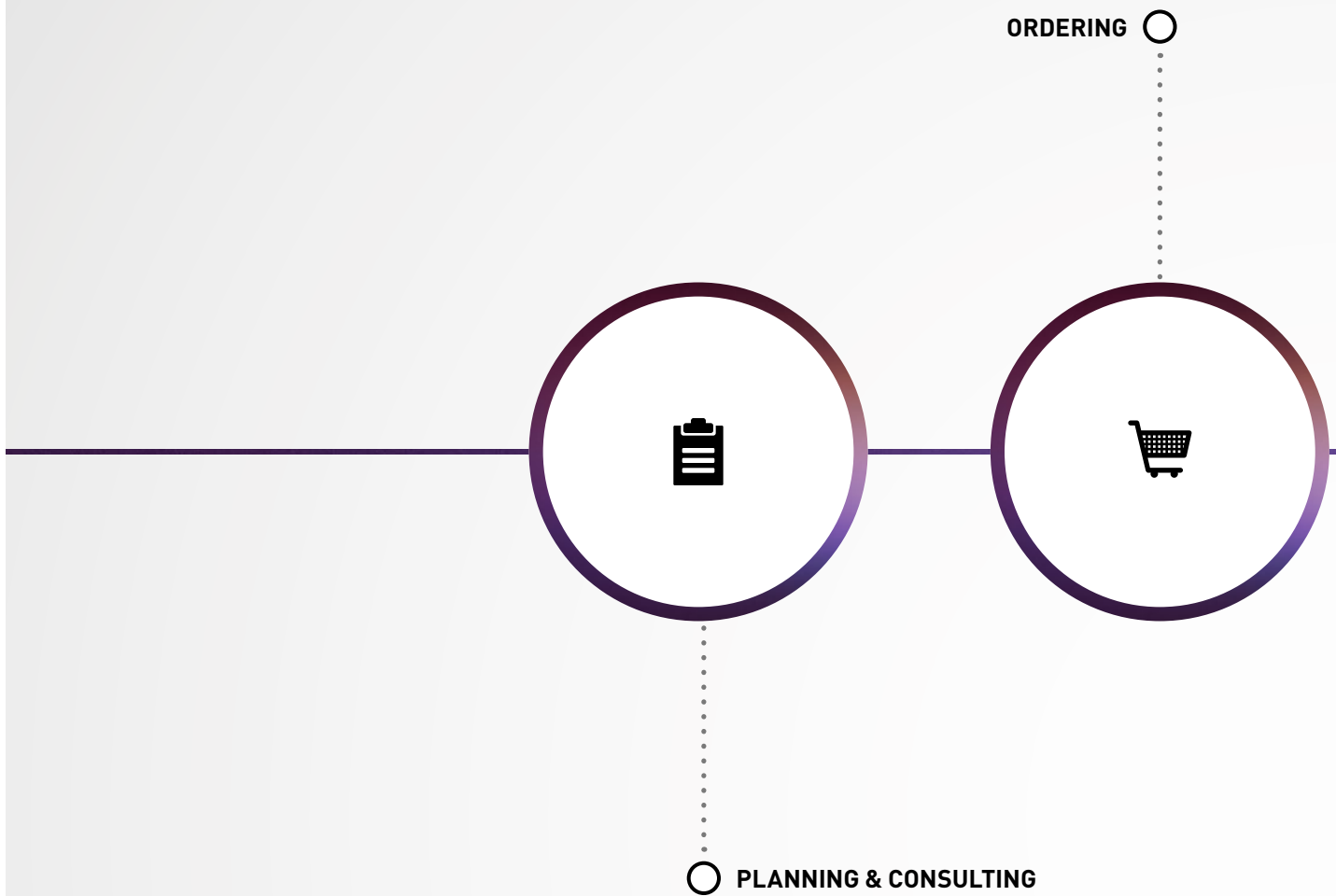


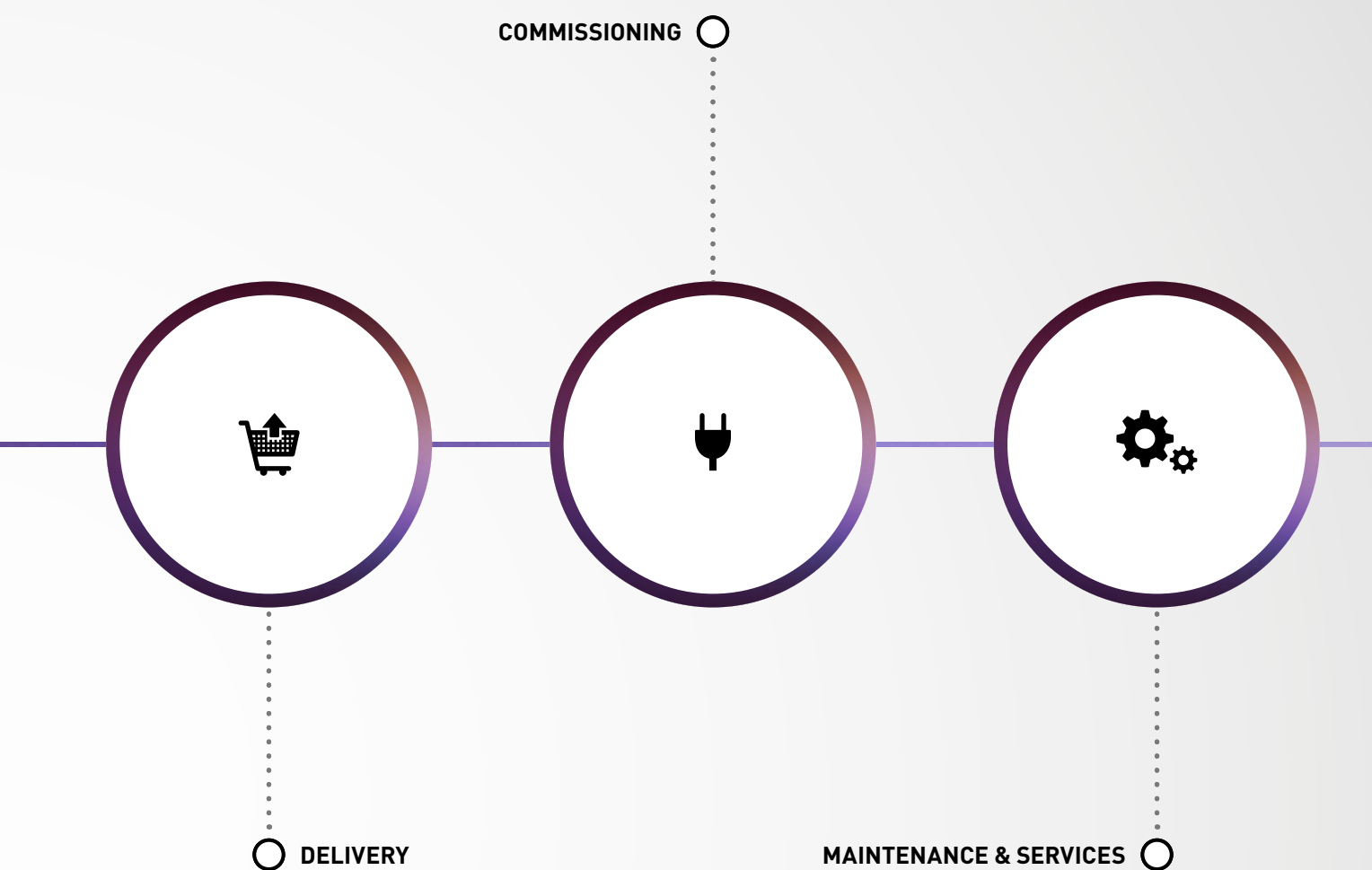
EVERYTHING REMAIN
EXCEPT WITH H

S.
HIGHER QUALITY.

E-LINE NEXT LED

MORE THAN JUST A PRODUCT





TRILUX benefits from decades of experience in the field of continuous line lighting. High-quality materials, in-house developed optics and photometric expertise ensure products of the highest quality. Customer needs are also the focus of every product development.

However, it is not only the product that is constantly developed further – with individual services, TRILUX ensures smooth flow in projects and is therefore the perfect partner in the continuous line lighting sector. From initial project planning and advice about possible financing models to installation, commissioning and regular maintenance of the installation – we support you in every phase of your project.






















































E-LINE NEXT LED

CONFIGURED QUICKLY
AND SIMPLY





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	  
2	Protection types	 
2	Mounting methods	 
3	Gear tray lengths	  
2	Lifespans	 
15	Light distributions	              
37	Luminous flux packages	  ... 2,000-10,000 lm in steps of 500 lm ...     ... 10,000-20,000 lm in steps of 1000 lm ...  
4	Light colours	   
2	CRI indices	 
2	Switching types	 
9	Supplementary modules	      

E-LINE NEXT LED

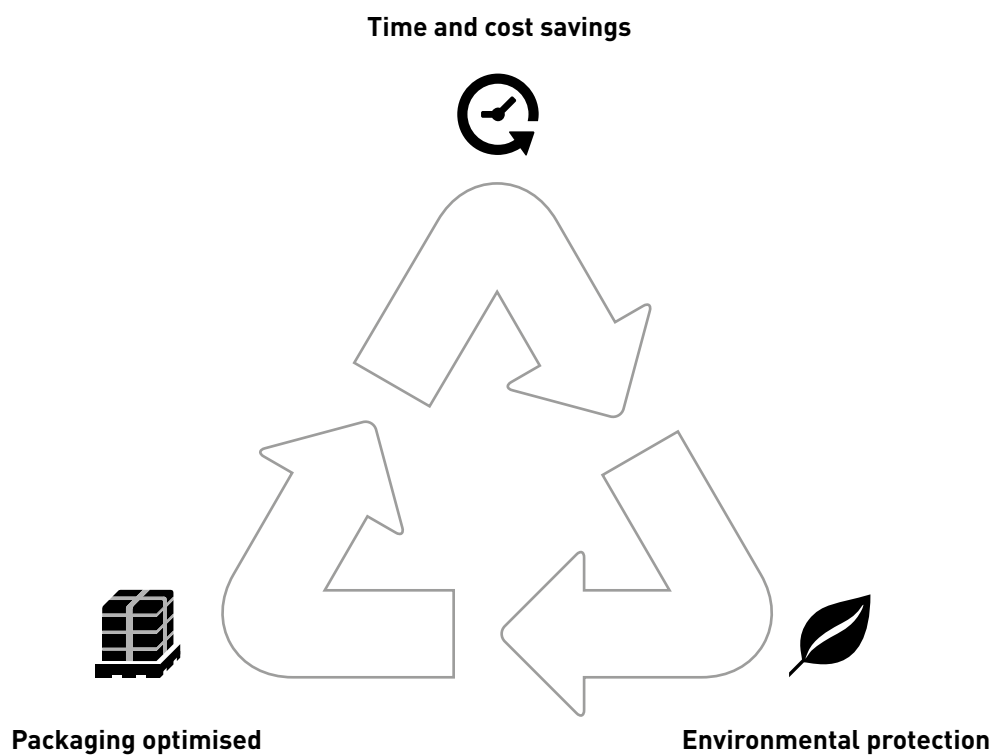
OPTIMISED
PACKAGING SIZES





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. This saves up to 15% in time and also protects the environment.



LIGHT MANAGEMENT INDOOR

SIMPLE PLANNING
RAPID INSTALLATION
INTUITIVELY OPERATED



Download on the
App Store

GET IT ON
Google play



Intelligent light controls are the future

If lighting comfort and energy efficiency are to be fully exploited, personal design and individual control of light cannot be dispensed with. Intelligent light controls therefore belong to the future.

In the past, complicated installation and operation hindered getting started in the world of networked light. LiveLink from TRILUX puts a stop to this. The system enables the intuitive and reliable control of all light points. Only mains connection and a DALI connection are required to install the system. Commissioning is now easy by using LiveLink – with use cases containing preconfigured rooms for the specific applications and including Human Centric Lighting. When setting up larger projects with complex lighting tasks, users can take advantage of the modular service portfolio of TRILUX – completely according to the TRILUX brand promise of Simplify Your Light.

The LiveLink radio solution enables light management systems to be quickly and simply installed even in difficult building situations. If the building cabling has no 2-core DALI control lines, LiveLink can be optionally operated wirelessly. In such applications, communication between the controller and luminaires uses the ZigBee radio standard.



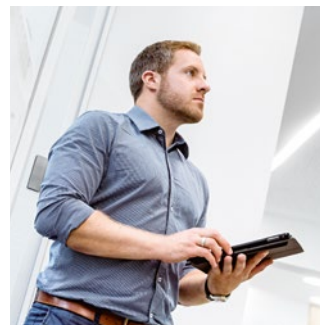
Simple planning

The LiveLink Control app on tablet or smartphone simplifies the lighting design process by using preset room configurations (use cases). Project-specific settings can be configured by TRILUX on request – these are then made available in the TRILUX portal.



Integrating HCL

Special use cases are also available for Human Centric Lighting purposes containing colour sequences specifically adapted for the application. Just a few clicks suffice. Installing HCL has never been more convenient.



Rapid installation

The LiveLink system and system components are only wired to one another via DALI or, with refurbishments, networked with each other via radio. Commissioning is simple using a graphical user interface on a tablet (iOS or Android) and subsequent operation is via mobile devices (tablet or smartphone, iOS or Android).



Intuitive operation

In practice there are many functions automatically implemented by LiveLink: these include controlling the lighting level with daylight-dependent regulation and presence detection. If further light scenes are desired the luminaires can be controlled via smartphone or classically via a push-button. It could hardly be simpler.

E-LINE NEXT LED

LIVELINK PREMIUM





LiveLink Premium – the powerful solution for large projects

Industrial halls, office complexes, supermarkets and educational institutions – the larger and more demanding a lighting project, the more important an efficient light management system becomes. We developed LiveLink Premium precisely for such requirements. Despite the extensive options offered by the system, LiveLink Premium is uniquely quick and easy to plan, install and operate.

LiveLink Premium already shows its strengths in the planning phase. The light management system can transfer the lighting design (DIALux) to a coordinated system, which then assigns each luminaire and sensor a unique position and can also be used to control the luminaires. In this way each light point in the building can be precisely controlled, either singly or in a group. Problematic or failed luminaires are also identified and replaced in next to no time thanks to a cloud connection.

LiveLink Premium is particularly suitable for large, sophisticated project solutions. The system can control and manage almost any number of DALI groups and DALI devices, e.g. luminaires, but also sensors and actuators. And when it comes to the right luminaires, LiveLink Premium is as versatile as ever: in combination with the flexible TRILUX luminaires, the benefits of LiveLink Premium can be used to advantage in every conceivable application.

A further plus: thanks to LiveLink Premium the lighting system can be monitored and controlled from any location via the LiveLink Cloud. The light management system also easily overcomes system boundaries. With its open interfaces, LiveLink Premium can be effortlessly integrated into higher-level building automation systems.

In short, LiveLink Premium enables the potential of a digital lighting solution to also be exploited on a large scale with low effort.

HUMAN CENTRIC LIGHTING

EXPERIENCING
NATURAL LIGHT



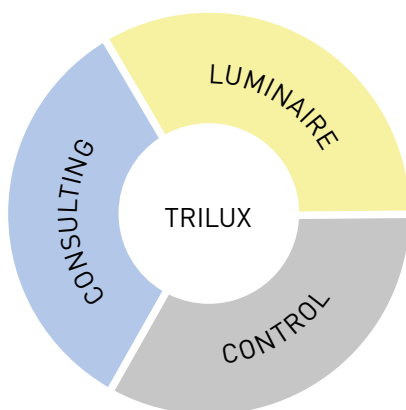


Light has many facets that need to be considered when designing future-capable lighting solutions. At TRILUX we offer an important added value: we place people with their specific needs at the centre. For TRILUX customers this consistent targeting of the solution to the user is the fundamental basis of good lighting.

Light must provide more than just optimum visual conditions complying with appropriate standards. Light colour and lighting intensity for example influence mood, well-being and the capability to perform. The biological rhythm of people can also be improved by adapting the light colour and intensity of lighting to the natural course of daylight. This even occurs automatically with intelligent light control – the right light at the right time.

A Human Centric Lighting solution is always based on a professionally planned lighting concept where all components are precisely matched to the requirements of the client and the specific application. This enables high performance, customised systems that optimally support people in their range of tasks. According to its brand promise of Simplify Your Light, TRILUX ensures that using such solutions is as simple as possible.

A TRILUX HCL lighting solution always consists of three components: the luminaire, the control and lighting consulting.



Only this way do customers receive optimum advice and light ideally adapted to their needs. TRILUX offers a wide portfolio of cutting-edge technologies and products to achieve this, and brings together single components to create customised, complete solutions.

LIGHTING SOLUTIONS & SERVICES

HOLISTIC EXPERTISE





Achieving perfect light was never simpler

The lighting market has changed enormously due to the LED transformation, increasing digitalisation and social mega-trends such as connectivity and big data. On the one hand this provides diverse opportunities and on the other, lighting solutions are becoming increasingly complex and their selection, configuration and operation more complicated.

TRILUX makes this complexity manageable thanks to intelligent solutions that set new standards in terms of energy efficiency and quality of light, and also by offering a wide range of customer-oriented services.



ORIENTATION AND SAFETY

The increasing complexity of lighting solutions is changing the knowledge used over many years, and also places new demands on all participants with regard to the efficiency, quality, performance and service life of lighting solutions. Furthermore, new challenges placed on the building flow into the planning process – and as a result future construction projects will not only become more intelligent but will also be designed in a more sustainable way.

We clarify together with you which technologies and products are most suited to your needs.



RELIEF

Large building and refurbishment projects demand farsightedness and a corresponding overview, as well as appropriate resources with the planning, implementation and operation of a new building. Upon request we take on all tasks concerning the lighting, ranging from technological consulting and custom financing concepts to installation work and extensive digital services.

This gives you the freedom you need to concentrate on your own business.



SAVINGS

An efficiently planned lighting solution not only considers costs, potential savings and financing options. TRILUX offers various financing models to customers who wish to realise their systems in a balance-neutral way to protect their own capital and maintain their financial flexibility.

We draw up individual concepts in agreement with you to fulfil your precise requirements.



ENVIRONMENTAL AWARENESS AND SUSTAINABILITY

The lighting solution is a central part of sustainable building management and has a major influence on gaining certifications such as Green Building or BREEAM. Greenhouse gas emissions can be sustainably reduced via environmentally protective lighting installations based on state-of-the-art LED technology and intelligent control solutions. Digital services from TRILUX also enable the monitoring of operationally relevant data such as energy consumption during operation.

We are also available to you after commissioning.



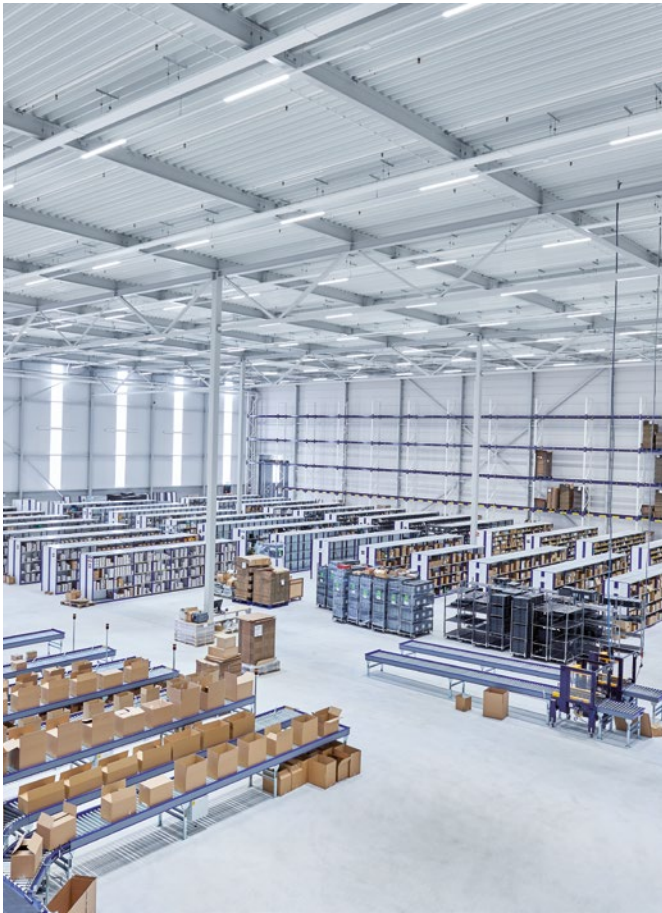
Real-time monitoring

With TRILUX Monitoring Services, the operating parameters of a lighting installation can be effortlessly monitored and analysed in real time via the LiveLink Cloud. This transparency makes it possible, for example, to specifically optimise the energy consumption of E-Line Next LED and to adapt pending maintenance work to actual requirements (predictive maintenance). All DALI drivers guarantee future security thanks to the MOR (monitoring-ready) function.



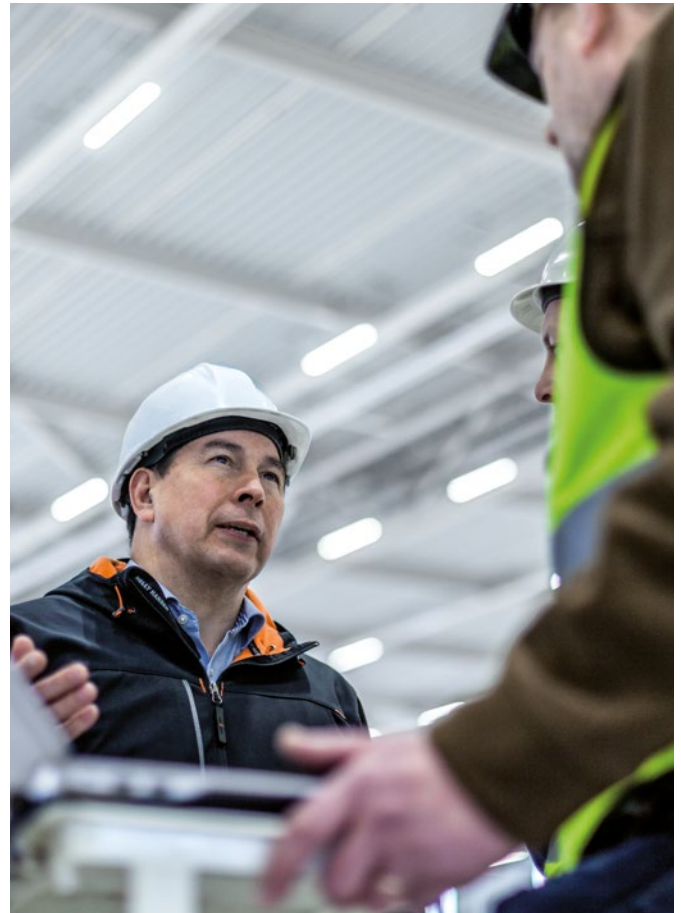
Location-based services

With LiveLink, the lighting system becomes the infrastructure for innovative applications. New modules such as beacons can be integrated seamlessly and effortlessly into E-Line Next LED. These are ideal prerequisites for digital location-based services, such as asset tracking in warehouses, visualisation of movement flows in supermarkets (heat maps) and location-based client information (proximity marketing) and indoor navigation.



Tailor-made financing

LED rental or leasing, hire purchase or perhaps "Light as a Service"? Together with you we draw up the best financing solution for your project. Ideal conditions for implementing your E-Line Next LED project, even balance sheet neutral without drawing on equity capital. Our new approach to industrial lighting: pay per use, the combination of LED rental and light monitoring, offers billing according to requirements based on actual light usage.



Technical services and project management

As a general contractor, TRILUX is able to assume complete project management for your new E-Line Next LED installation. Starting with lighting design and disassembly of the obsolete system to commissioning of the new lighting solution. Companies are released from these tasks and can concentrate on their core areas of expertise.

EVERYTHIN
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SIMPLER.

TRILUX PORTAL

YOUR ACCESS TO THE
DIGITAL WORLD OF TRILUX



DIGITALE
SERVICES



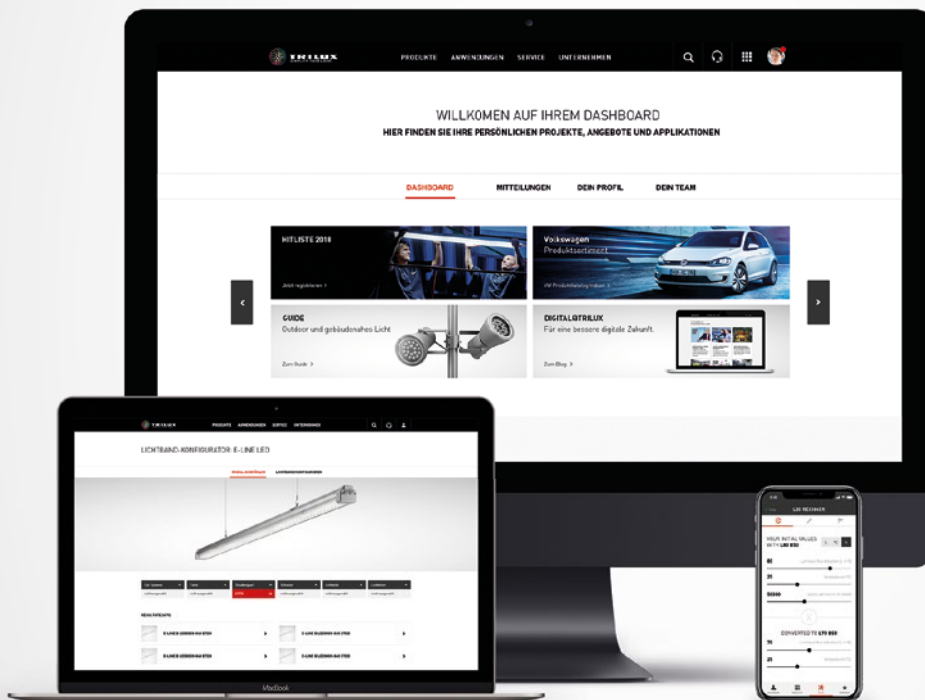
USEFUL
AIDS



SIMPLE PROJECT
WORK



SMART
CONFIGURATORS



The TRILUX Portal is your central login for the latest tools and services with which TRILUX simplifies your work with light. All functions are available to you at any time – whether you're in the office, on the road or at home. The intuitive user interface has once again been optimised and supports you on desktop PCs, tablets and smartphones.



DIGITAL SERVICES

Light management and connectivity

- Following simple registration, see into the cloud for the energy consumption of your lighting system.
- Take advantage of the new Energy Monitoring and Light Monitoring connectivity services for monitoring and maintenance of the networked lighting.



USEFUL AIDS

From watchlists to the Efficiency Calculator

- Save products to your watchlist or directly in your individual project
- Use the product comparison function for simply selecting the most suitable product.
- Calculate the specific maintenance factor with the TRILUX Lifetime Calculator or calculate investment- and operating costs as well as potential savings with the TRILUX Energy Efficiency Calculator.
- The TRILUX Lighting Practice publication provides you with extensive lighting knowledge and helpful support for working with light in a practical way.



SIMPLE PROJECT WORK

Manage your projects quickly and simply

- Create a project quickly and simply and equip it with the desired TRILUX luminaires.
The Portal does the rest and compiles all necessary documents for you.
- Invite other people to process and edit the various project phases with you.



SMART CONFIGURATORS

Simple creation with just a few clicks

- Even complex continuous line constructions are created in a simple way with just a few clicks.
- Our configurators enable targeted product selection according to your specific needs.

TRILUX AKADEMIE

THEME DAYS
SEMINARS
WEBINARS





The TRILUX Akademie is the qualification partner for everyone professionally concerned with light. Light becomes intelligent, activating, relaxing or transforms into experiences. The latest specialist knowledge is therefore vital to optimally exploit the possibilities created by new products and applications.

The TRILUX Akademie communicates technical knowledge in various training formats to suit individual needs. The wide-ranging programme of theme days, seminars and webinars enables even experienced lighting professionals to stay up-to-date. For starters in the profession, we offer courses that establish a solid foundation for subsequent activities. We also support experienced lighting professionals with a wide range of practical training events in the form of seminars, webinars and theme days.

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