

TRILUX
SIMPLIFY YOUR LIGHT.

E-LINE NEXT LED

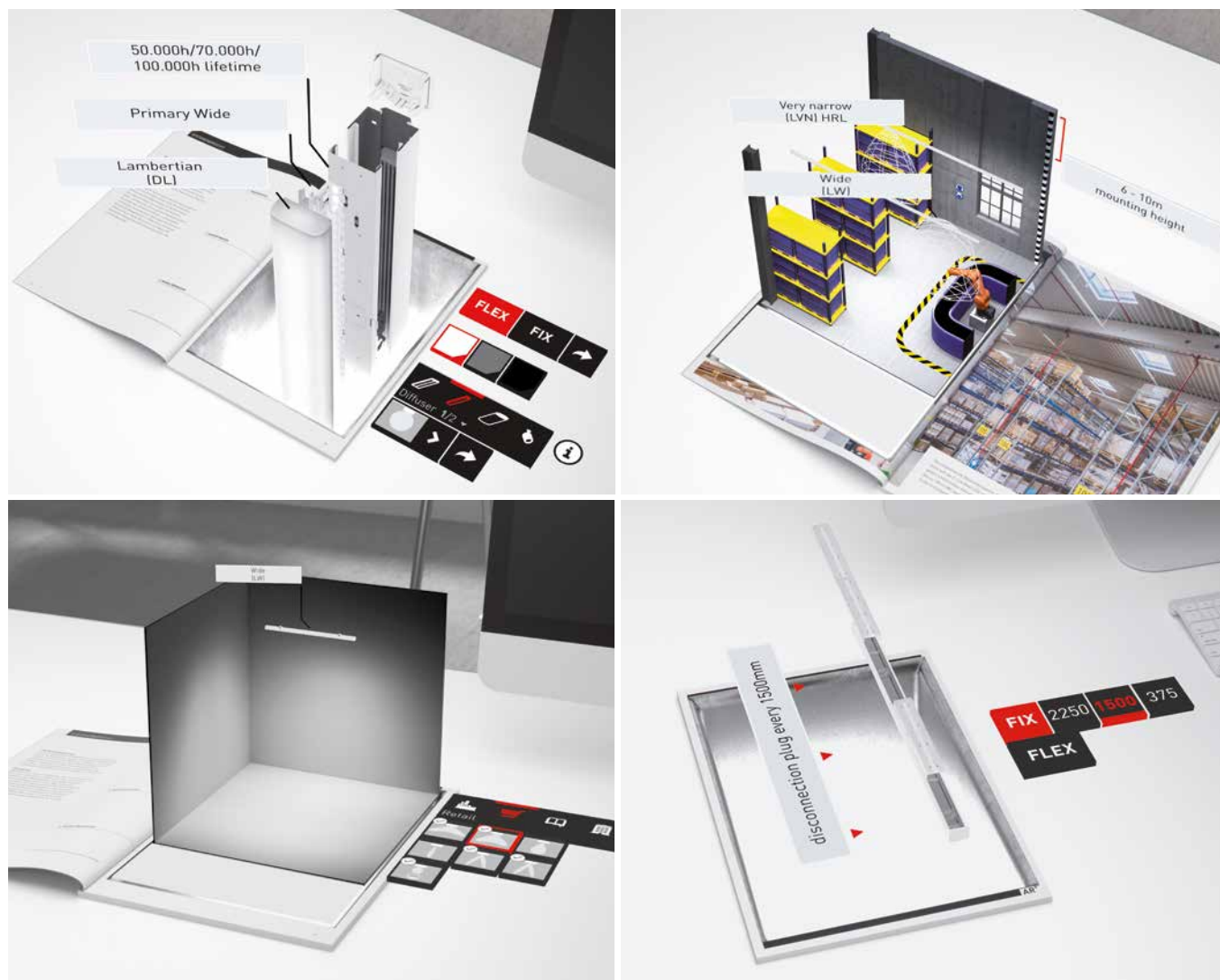
FROM EXPERIENCE.
FROM THE MARKET.
FOR THE FUTURE.

www.trilux.com/eline-next

NEXT

EVERYTHING REMAINS. **EXCEPT BETTER.**

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.

CONTENT

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
Special areas	Page 20 - 21
Data Centers	Page 22 - 23



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

System overview	Page 26 - 27
Fix/Flex trunking	Page 28 - 37
Gear trays/optics overview	Page 38 - 43
Module overview	Page 44 - 47
Emergency light	Page 48 - 51
Technical features	Page 52 - 53
Nomenclature	Page 54 - 55

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

Industry planning examples	Page 58 - 61
Retail planning examples	Page 62 - 65
Office planning examples	Page 66 - 67
Education planning example	Page 68 - 69

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

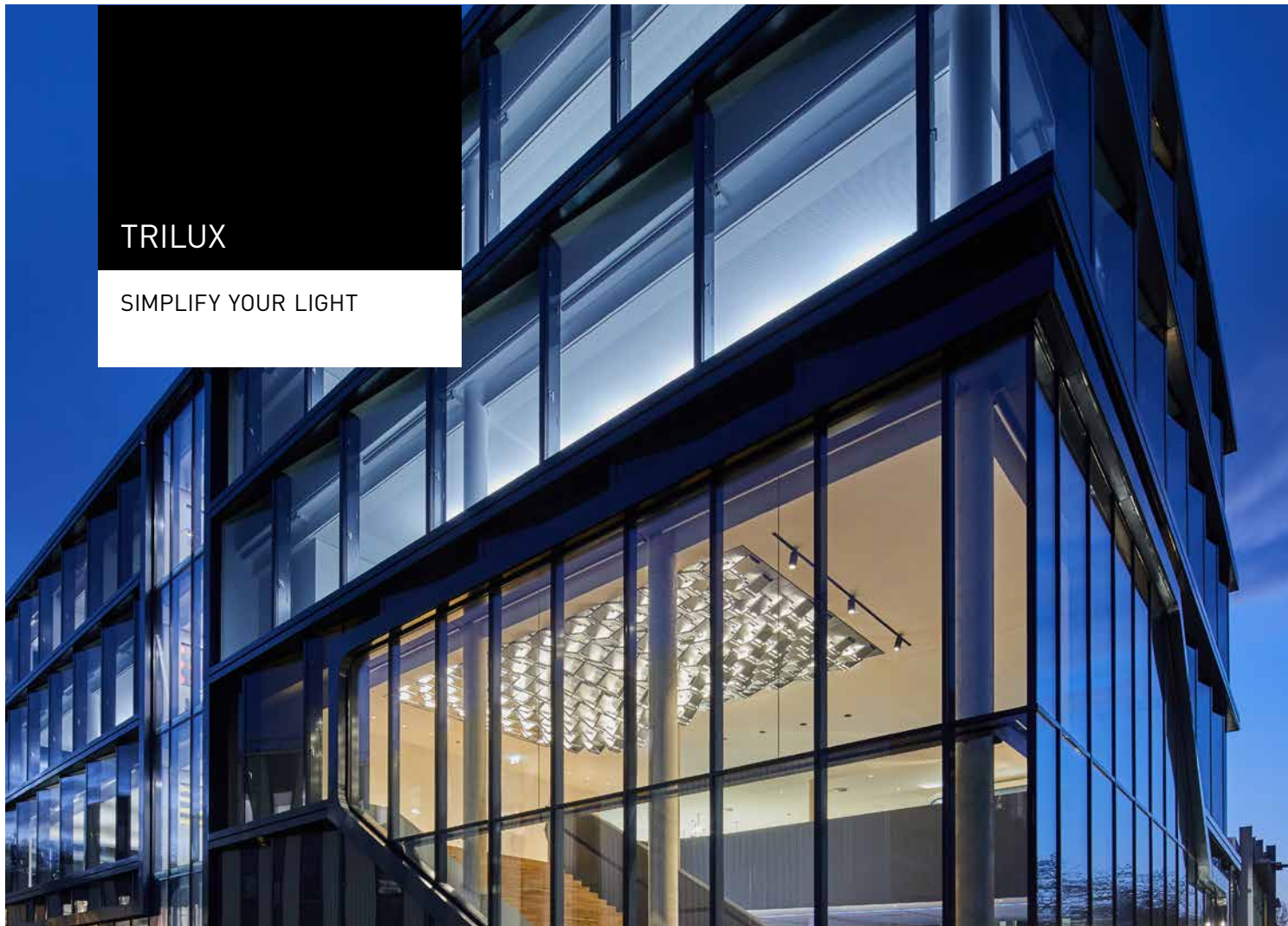
More than just a product	Page 72 - 73
Quickly and simply configured	Page 74 - 75
Optimised packaging sizes	Page 76 - 77
Indoor light management	Page 78 - 79
LiveLink Premium	Page 80 - 81
Human Centric Lighting	Page 82 - 83
Lighting solutions & services	Page 84 - 87
Quality made by TRILUX / Sustainability	Page 88 - 89

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

TRILUX ONE	Page 92 - 93
TRILUX Akademie	Page 94 - 95
Contacts	Page 96

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.

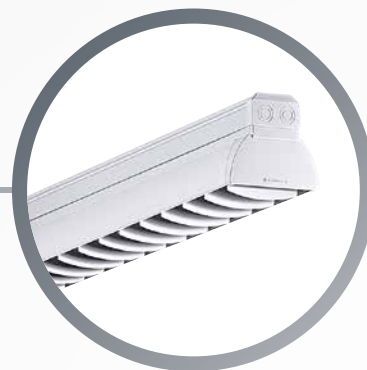
E-LINE NEXT LED

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.



EVERYTHING REMAIN



S. EXCEPT 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 solutions 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.

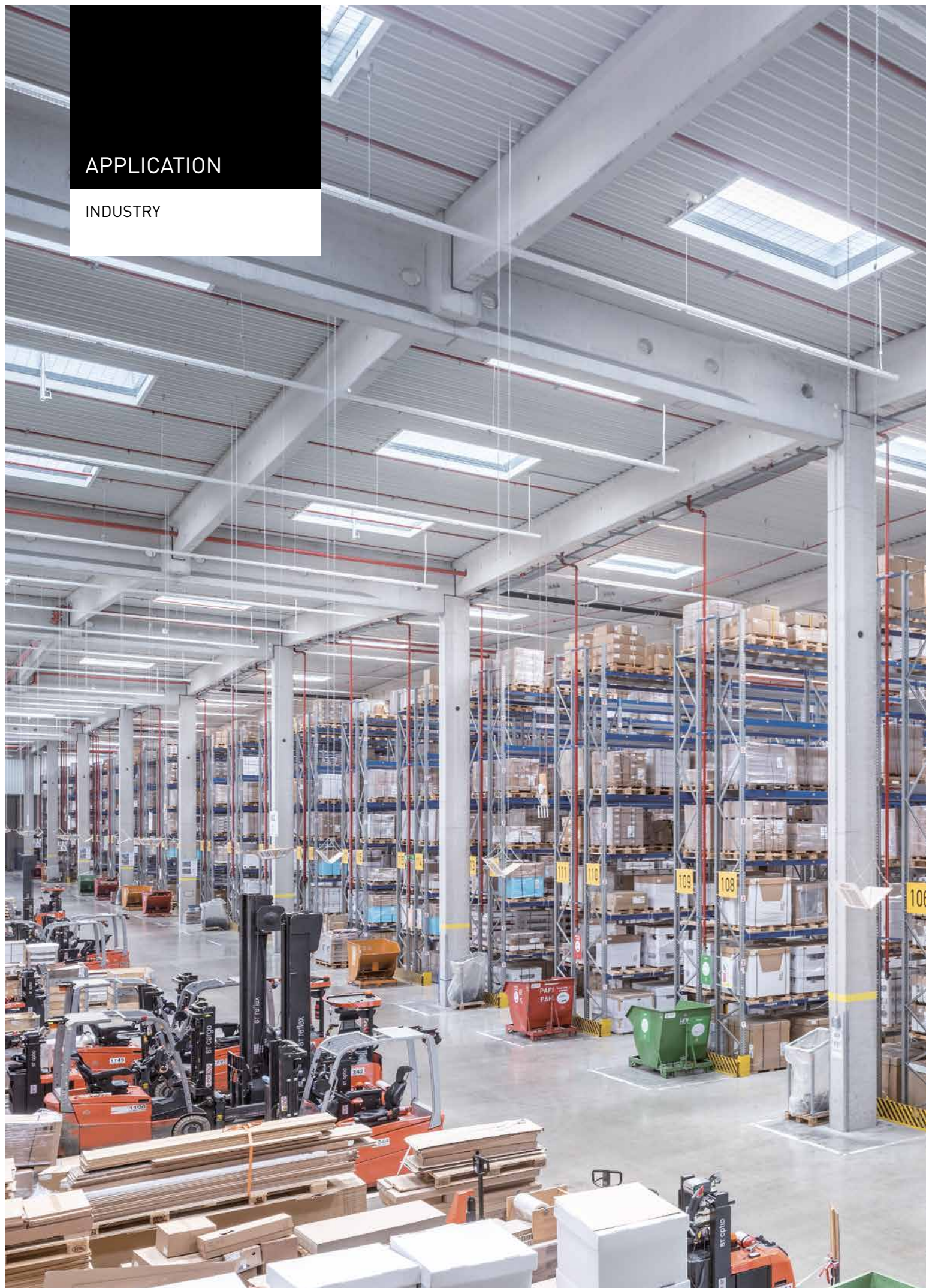
EVERYTHING REMAINS – EXCEPT MORE EFFICIENT

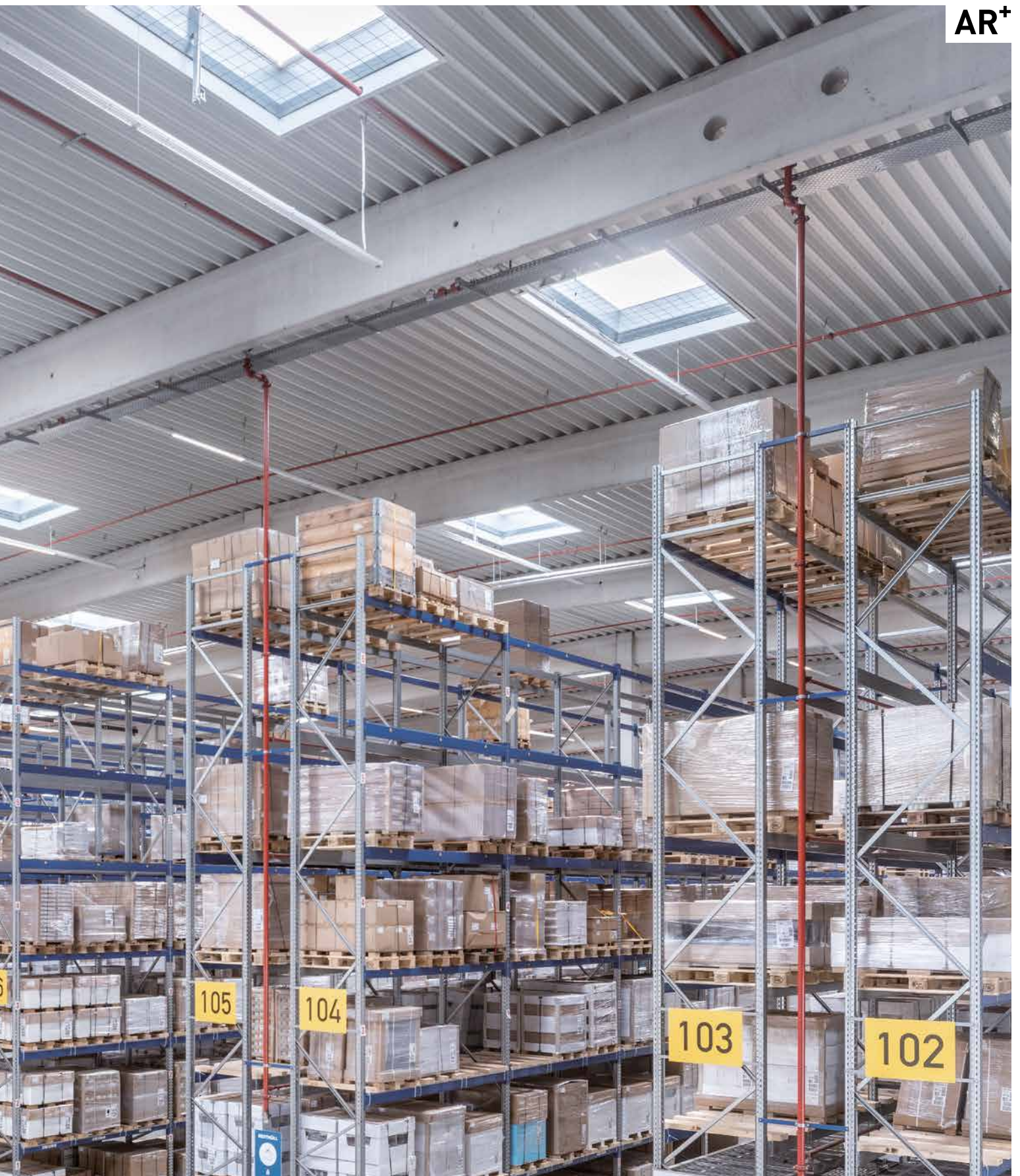
Pioneering: with energy efficiency of up to 190 lm/W and a 90,000 hour service life, the continuous line guarantees low operating costs in the long run. Thanks to many intelligent details, mounting is also more efficient than ever before. On request, E-Line Next LED is no longer delivered to the construction 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



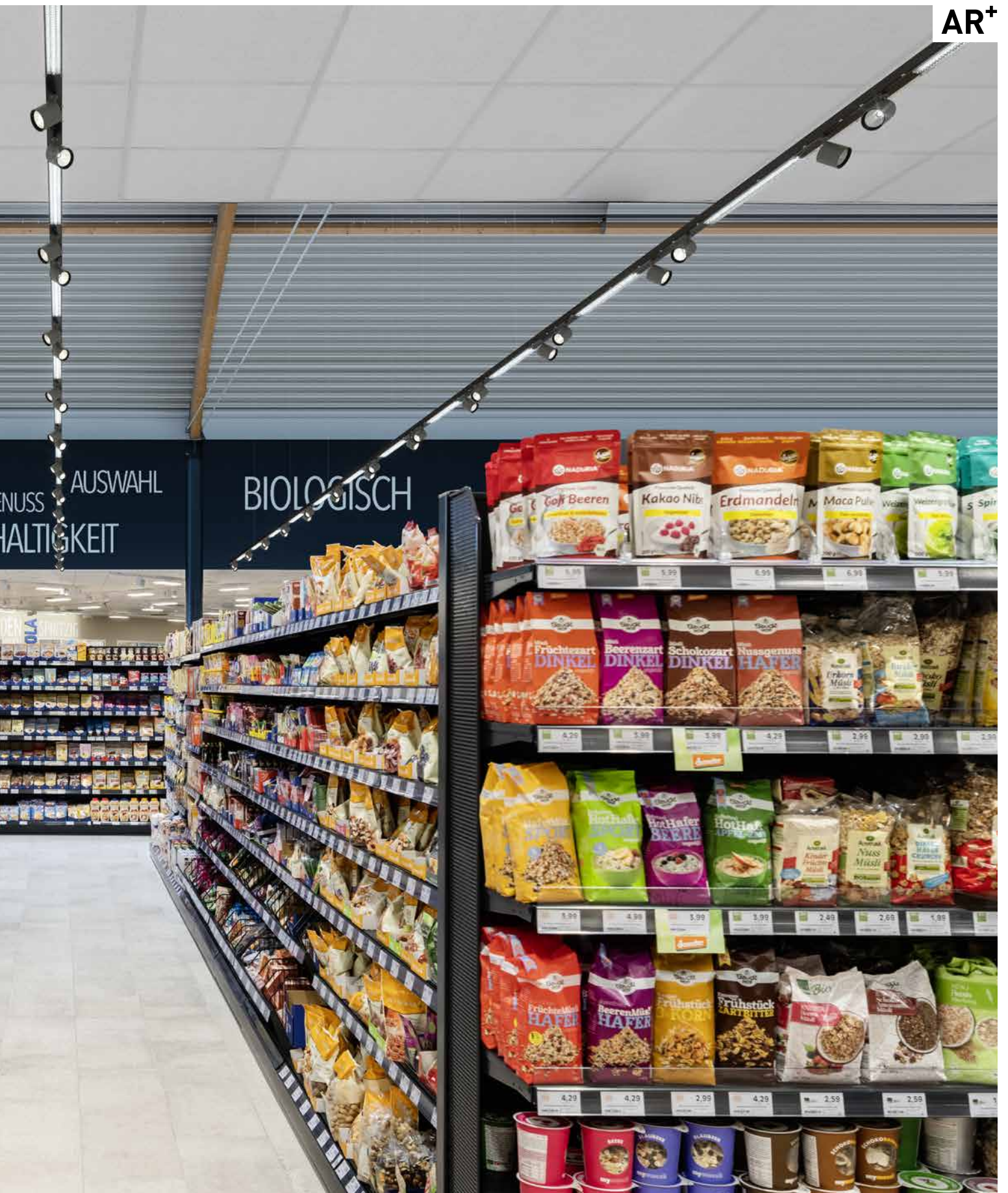


The pioneering modular system: with 15 optics and luminous flux packages from 2,000 to 20,000 lm, E-Line Next LED can be adapted to any application with unique precision. Sophisticated lighting technologies mean that luminaire quantities can be reduced. Quality of light and energy efficiency (up to 190 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

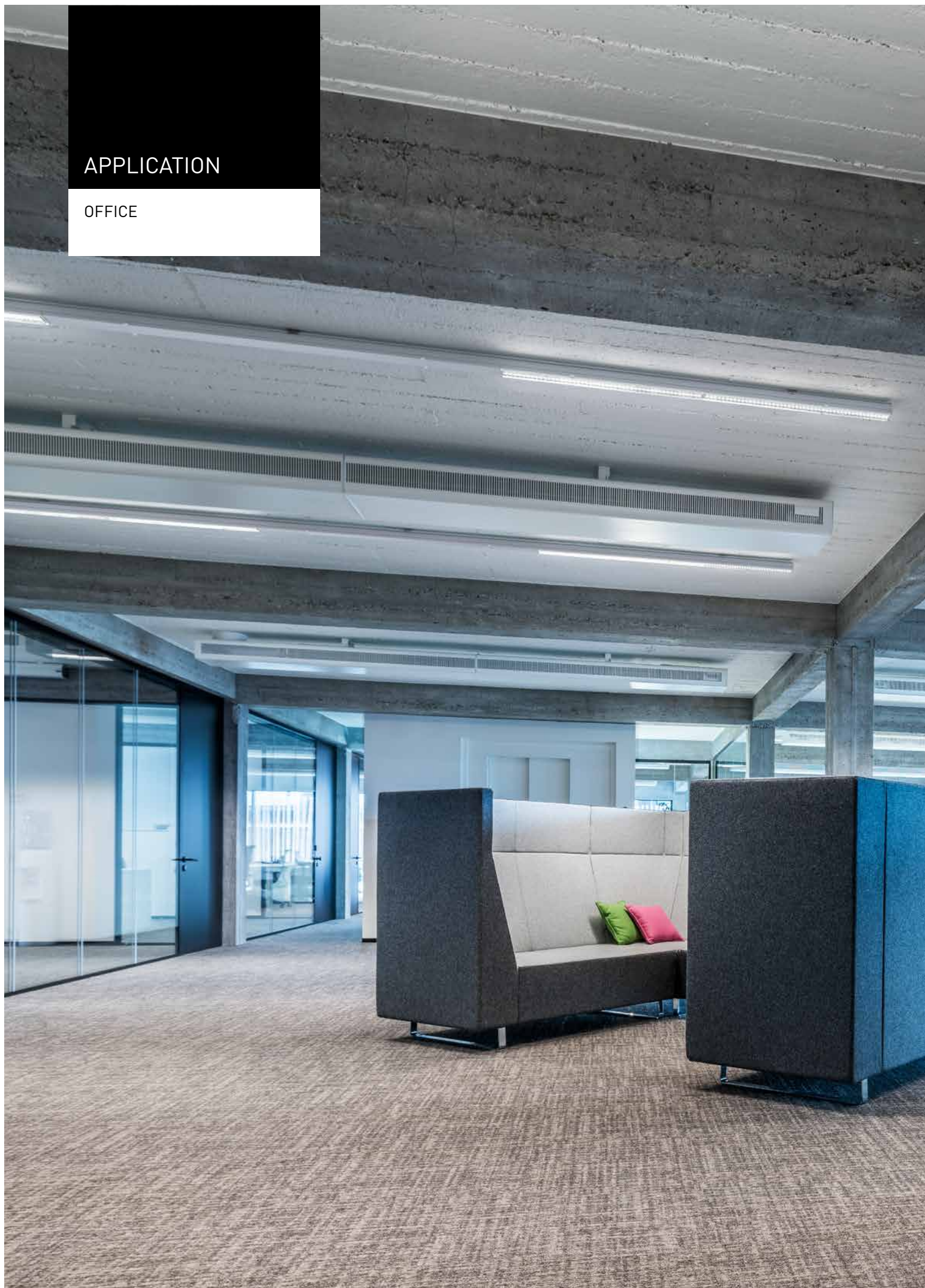


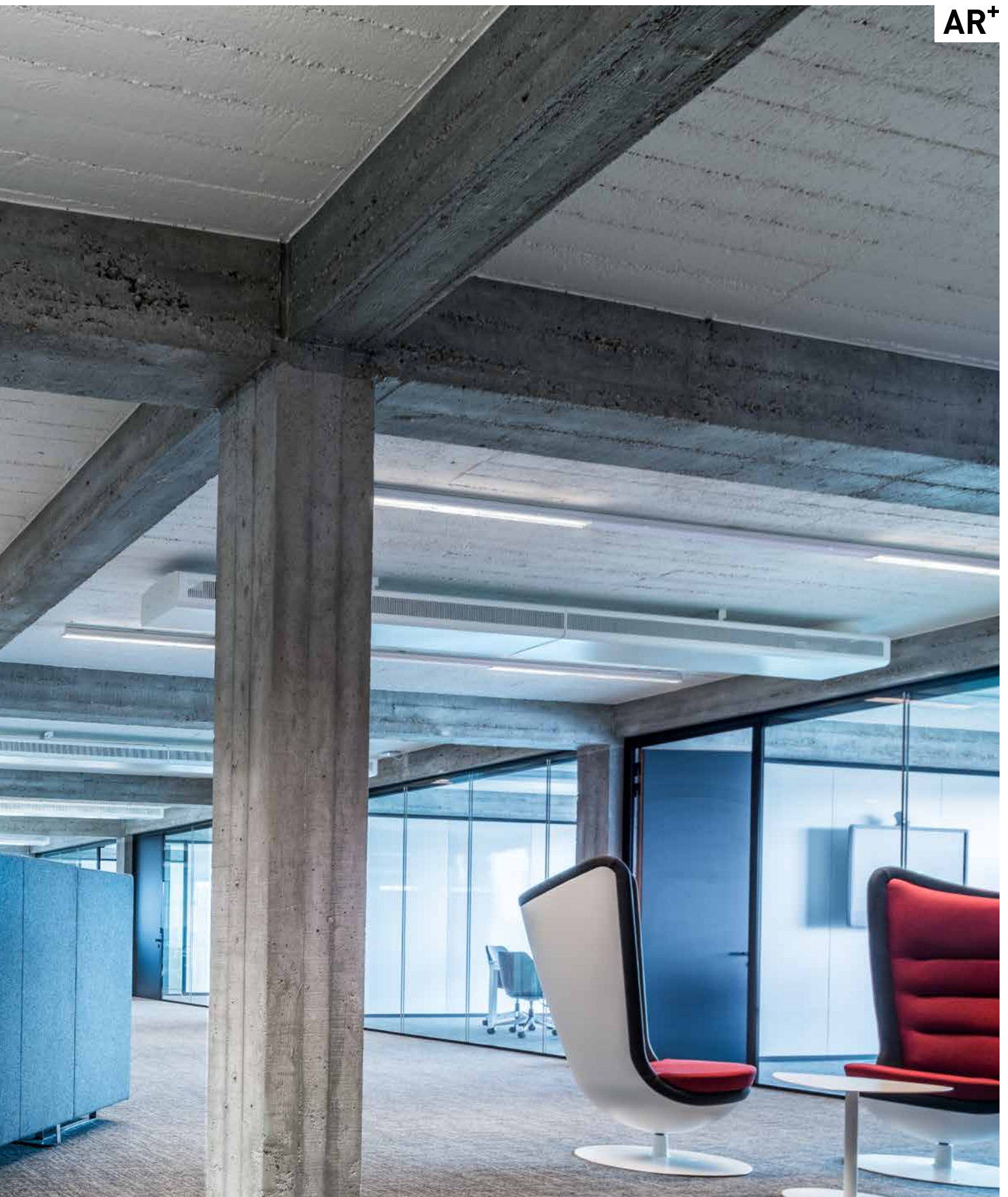


Perfectly illuminated aisles and shelves, an attractive checkout area and a high quality ambience. With a colour rendering index of $R_a > 90$ and various application-specific optics and spotlights, E-Line Next LED offers unique flexibility with illumination and accentuation, e.g. with two double asymmetric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

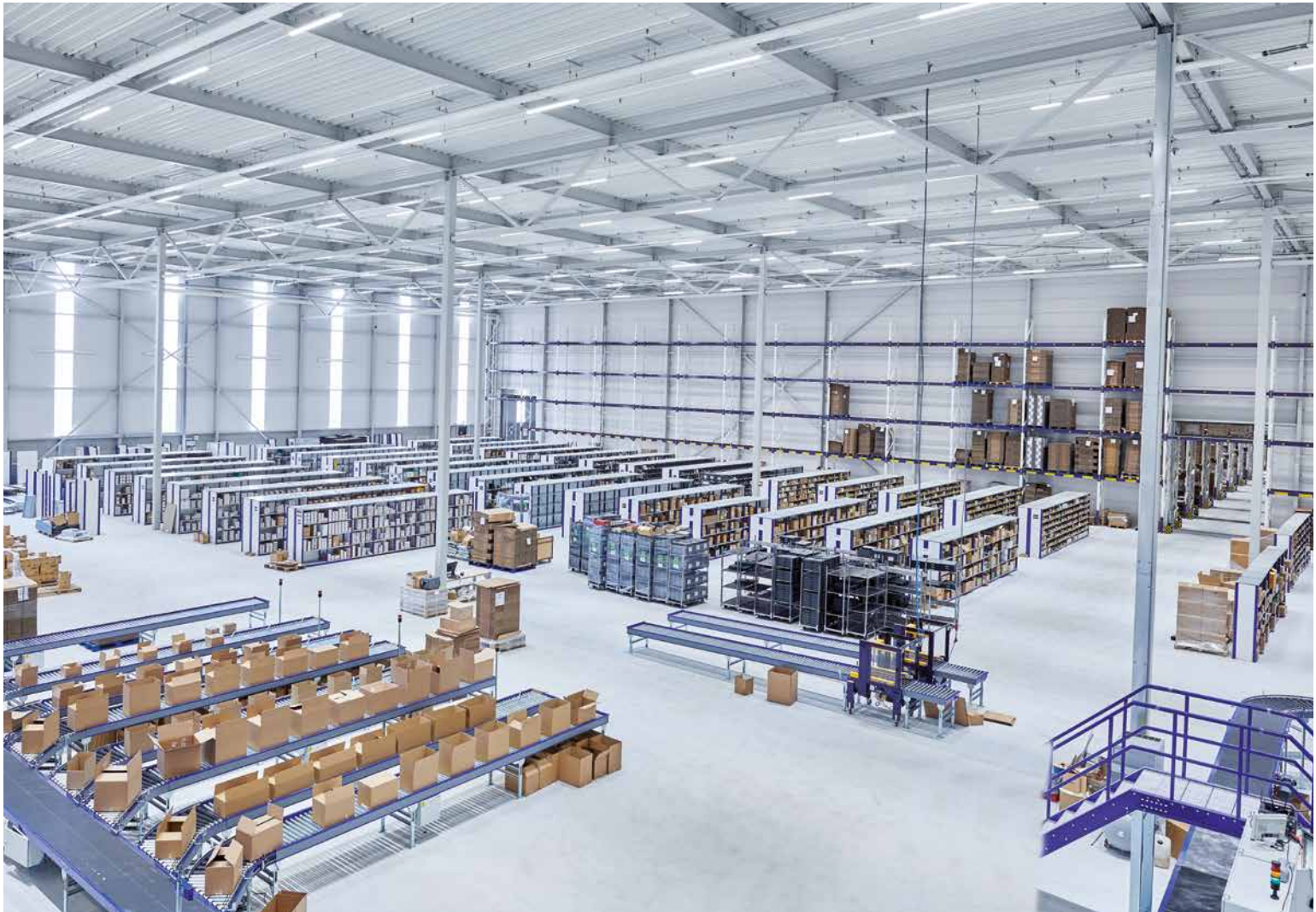
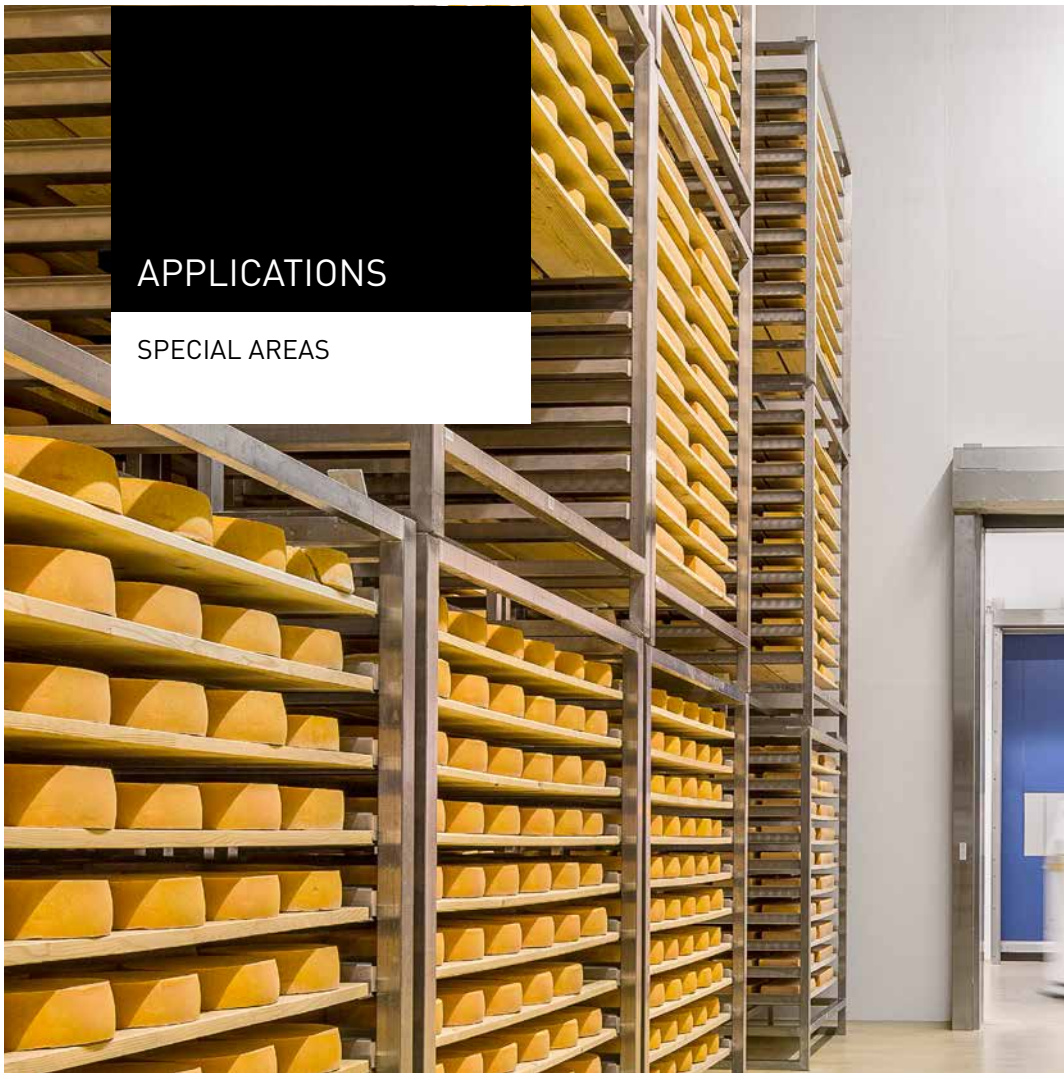




See everything in a new light: E-Line Next LED is a real all-rounder thanks to various optics and spotlights. Whether shelf lighting in libraries, classrooms or for blackboard- or accent lighting, the modular system provides excellent quality of light for maximum visual comfort. In addition, all variants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

APPLICATIONS

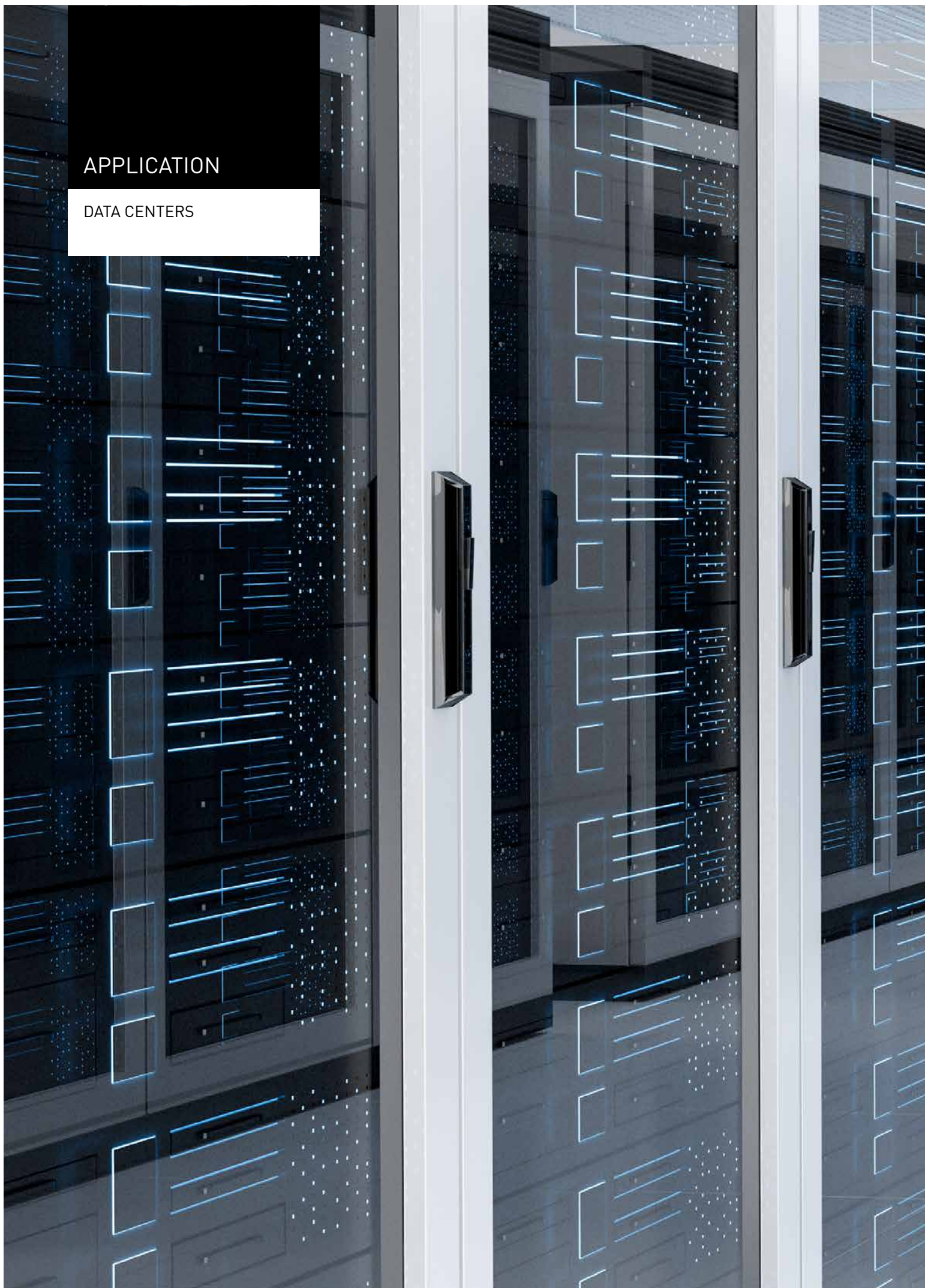
SPECIAL AREAS





APPLICATION

DATA CENTERS





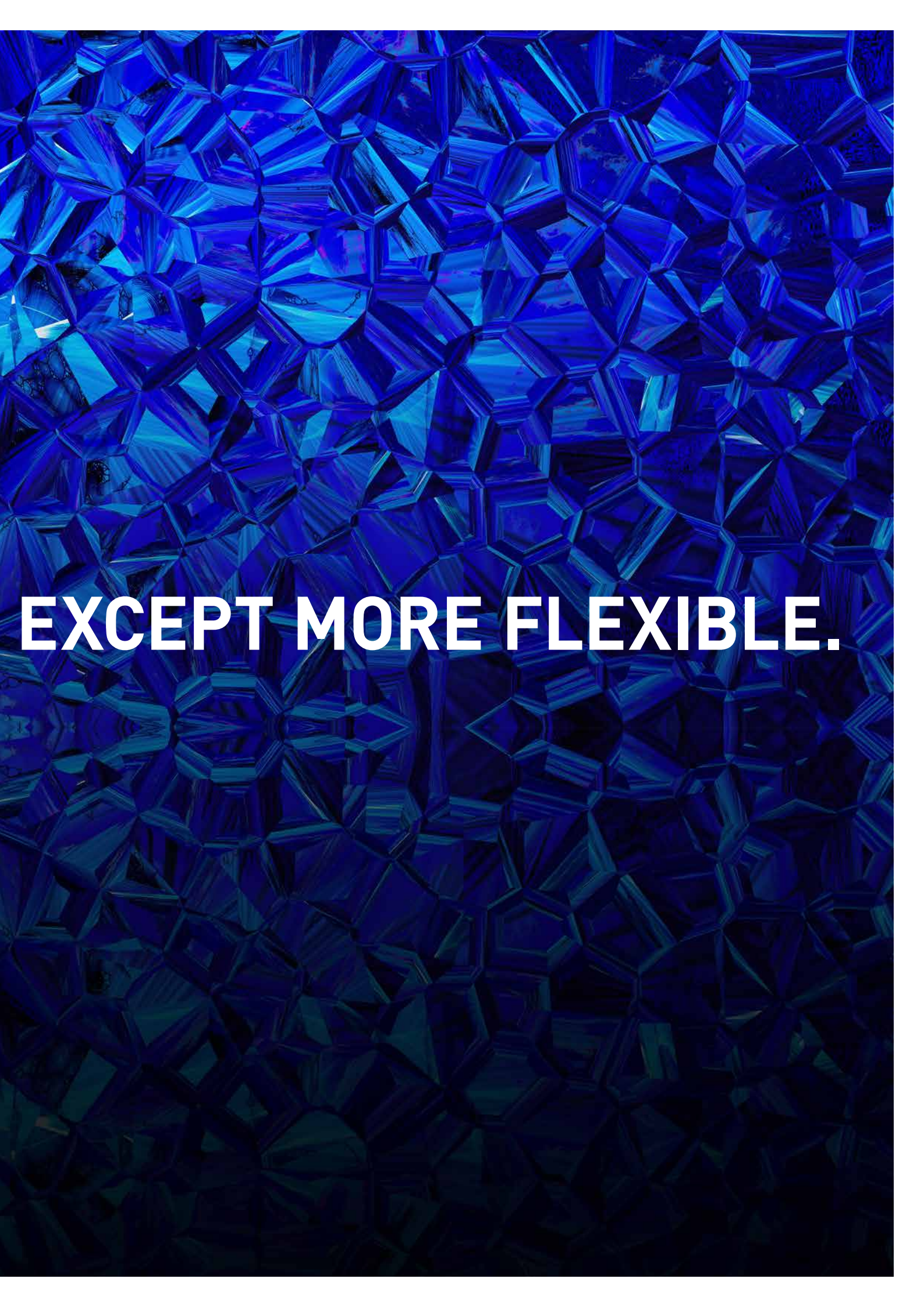
Cloud and digital transformation require computing capacity. This capacity is made available day and night in state-of-the-art data centres with the highest security and performance standards. These centres quite literally form the backbone of the Internet for the present day and the future.

TRILUX ensures efficiency, safety and individual lighting solutions in this special application as well. In the course of many projects, our experts have been able to develop know-how in this field during recent years. Our team understands the diverse requirements in terms of temperature regulation and energy utilisation.

At the same time, TRILUX solutions with their simple installation and high flexibility contribute to a shorter construction period and ensure smooth operation. Quality of light and individual design guarantee maximum efficiency and safety.



EVERYTHING REMAINS.



EXCEPT MORE FLEXIBLE.

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

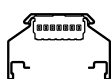
All familiar accessories can be found in the online catalogue.



**Flex
trunking**



**Fix
trunking**



**Fix IP64
trunking**



Lens optics



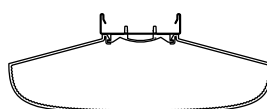
Opal optics



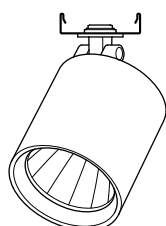
Opal optics



Prismatic optics



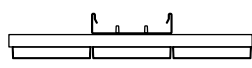
Prismatic optics



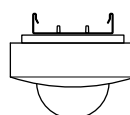
**Spots
B.Veo LED
Grado LED**



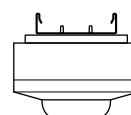
Mirona LED



Lightpanel LED



**Sensor
IS Highbay**



**Sensor
IR Quattro**



**Sensor
IR Micro**



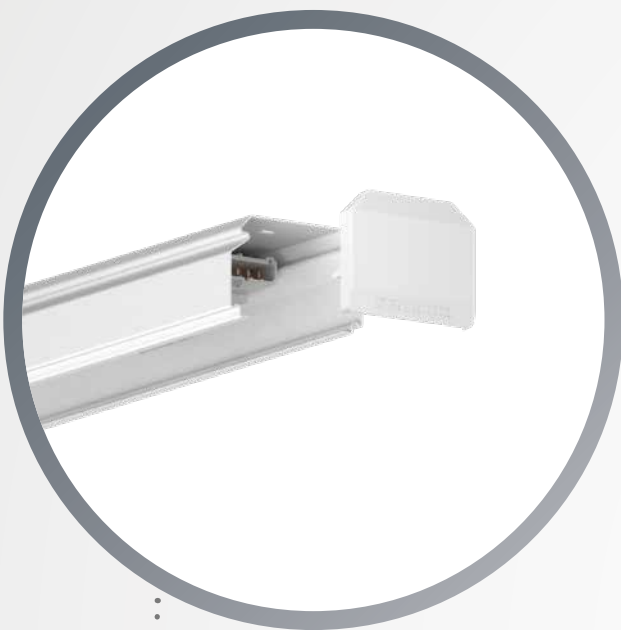
**Emergency
light**

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.



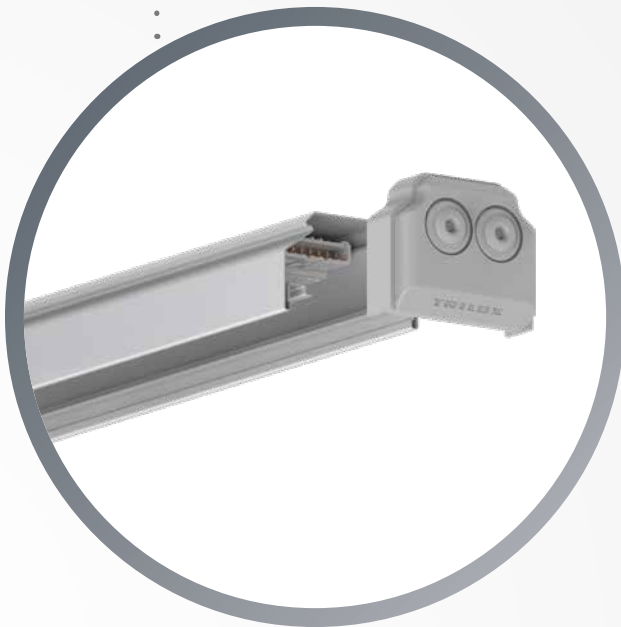
E-Line Fix

The trunking of the Fix system is equipped with fixed female connectors with spacing distances of 368.75 mm, 1,475 mm or 2,212.50 mm to each other. The 368.75 mm version has 7-core wiring, the versions with lengths 1,475 mm and 2,212.50 mm can be supplied with either 7 or 14 (7+7) wires.



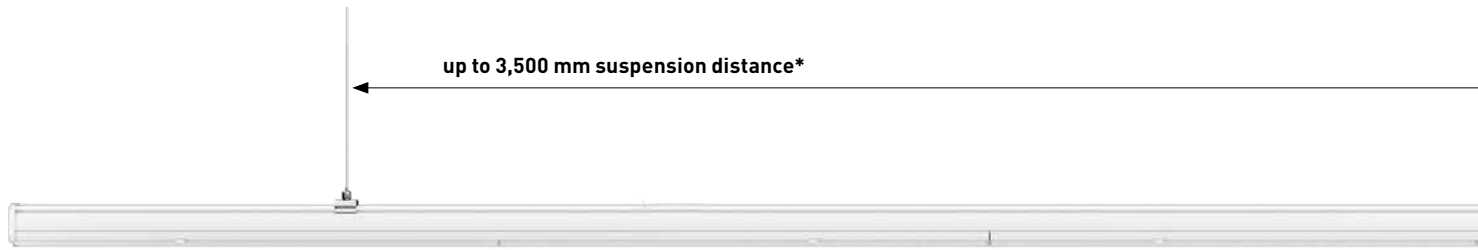
- **E-Line Fix IP64**

- The IP64 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 737.50 mm, 1,475 mm, 2,212.50 mm, 2,950 mm or 4,425 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 368.75 mm, 1,475 mm or 2,212.50 mm.



E-Line Fix 2250 | optionally 7-core or 7+7-core | IP20 | IP50 | IP64



E-Line Fix 1500 | optionally 7-core or 7+7-core | IP20 | IP50 | IP64



E-Line Fix 375 | 7-core | IP20 | IP50



The trunking of the Fix variants has permanently mounted female connectors, arranged either every 368.75 mm, 1,475 mm or 2,212.50 mm. This enables different requirements to be taken into account during planning and lighting design. In retail areas for example the 368.75 mm arrangement ensures more flexibility in planning. For cost-sensitive projects, the Fix variant features trunking with female connector spacing of 2,212.50 mm. An IP64 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



*Suspension distances vary depending on the type of luminaire insert/module.
For more detailed information, please refer to the installation instructions.



Female connectors every 2,212.50 mm | for trunking lengths of 2,212.50 mm or 4,425 mm | ideal for cost-sensitive projects



Female connectors every 1,475 mm | for trunking lengths of 737.50 mm, 1,475 mm, 2,950 mm or 4,425 mm | for luminaires with classic 1,500 size

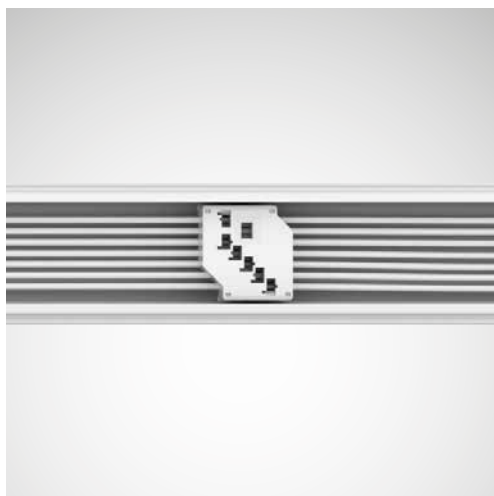


Female connectors every 368.75 mm | for trunking lengths of 368.75 mm, 1,475 mm, 2,212.50 mm, 2,950 mm or 4,425 mm |
for more flexibility with lighting design



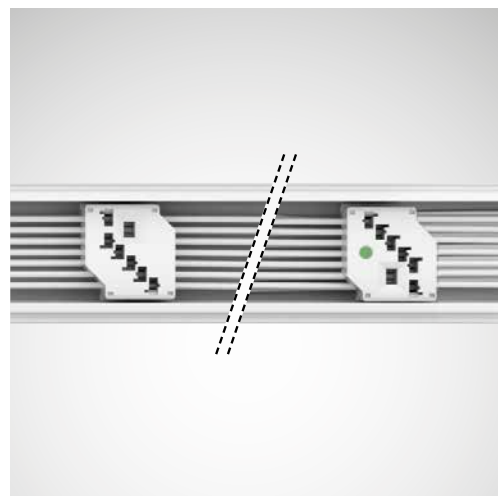
IP64 version

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)



7-pole plug
for infeed, rigid



7-pole plug
for electronic contacting, flexible

One less thing to worry about: Infeed as required

Requirements vary from application to application and from project to project. E-Line Next LED can be ideally integrated into various surroundings. No matter where the power supply is needed, the structural substance of the building remains unaffected thanks to flexible infeed options – be it from the front, at the coupling point or via break-out openings into the profile from above. Current infeed for E-Line Next LED with Fix trunking is possible with and without accessories.



Infeed from above



Front-side infeed

Quick, clean and simple – intuitive and simple installation

Typical for E-Line Next LED is its quick, simple and intuitive installation. After fixing the grids, the gear trays are simply clicked into place without tools, using a spring lock. The new E-Line Next LED Fix gear trays with their contacts also fit into old E-Line trunking, both with LED versions and existing T5/T8 systems. This makes completing refurbishments fast, simple and low-effort.

Coupling point for mechanical and electrical trunking connection. The coupling is pre-assembled for quick and simple trunking connection. Infeed is possible at any coupling point.

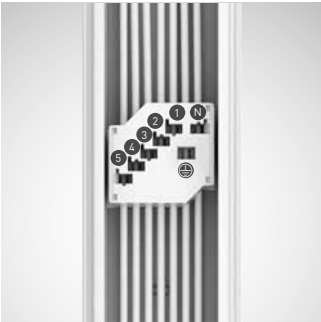
A special feature of the Fix system: thanks to double-stacked cable routing, infeed can also be achieved without accessories!

When planning an IP64 continuous line, an allowance of 48 mm per coupling point must be factored in.



07690 VS 2.5² L300

Cable 300 mm including plug terminal for central infeed.



Safety first: Emergency lighting in buildings plays an increasingly important role. Due to people's sense of safety, but also to regulative requirements, the capability to react flexibly to requirements is essential.



Fix Connector, switchable



Fix Connector, dimmable

Fix	● 7-pole							● 7+7-pole						
	2.5 mm²							2.5 mm²						
	N	⊕	1	2	3	4	5	N	⊕	1	2	3	4	5
....7 ET	N	⊕	L1	L2	L3									
....7 ET NOT EB3/EB1	N	⊕	L1'	L2'	L3'		L1/2/3							
....7 ET NOT UR	N	⊕	L1	L2	L3	L1'	N1'							
....7 ETDD	N	⊕	L1	L2	L3	DA	DA							
....7+7.... ETDD & NOT EB3	N	⊕	L1'	L2'	L3'	DA	DA		⊕	L1	L2	L3		
....7+7.... ETDD & NOT EB1	N	⊕	L1'	L2'	L3'	DA	DA	N	⊕	L1	L2	L3	DA	DA
....7+7.... ETDD & NOT UR	N	⊕	L1	L2	L3	DA	DA		⊕	L1'	L2'		N1' N2'	

For further information, please refer to the installation instructions

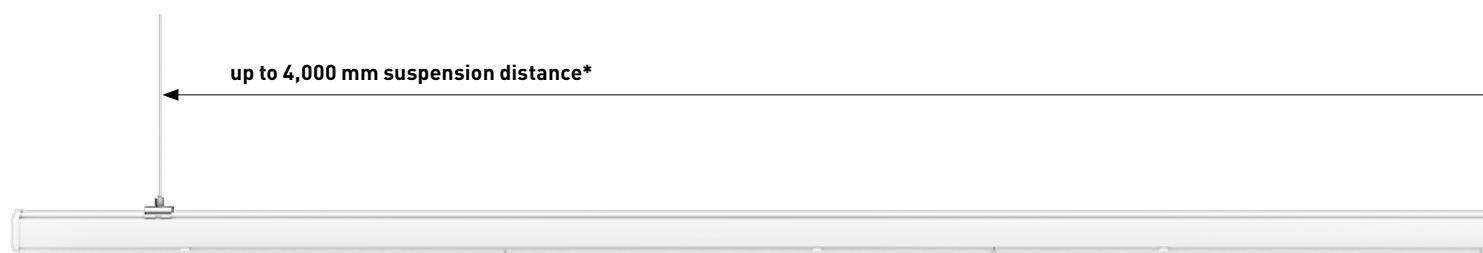
ET/ETDD/UR

N	Neutral conductor
⊕	Earthing conductor
L1	Phase 1
L2	Phase 2
L3	Phase 3
DA	DALI conductor
DA	DALI conductor
L1'	Supply UR 1
N1'	Supply UR 1
L2'	Supply UR 2
N2'	Supply UR 2

ET/ETDD/EB1*/EB3

N	Neutral conductor
⊕	Earthing conductor
L1	Phase 1
L2	Phase 2
L3	Phase 3
DA	DALI conductor
DA	DALI conductor
L1'/L2'/L3'	switched phase EB3 / EB1*
L1/2/3	Charging phase EB3 / EB1*

*Note on EB3 / EB1: Use same phase for general and emergency lighting
* EB1 available as emergency light module (stand-by luminaire)



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



①

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

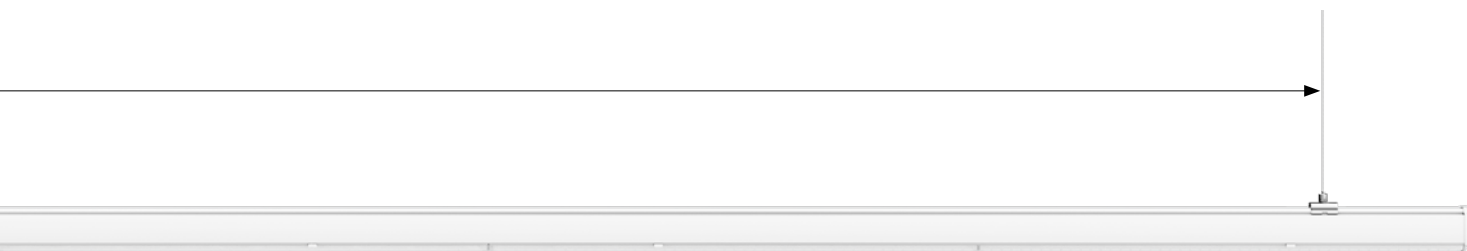


②

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



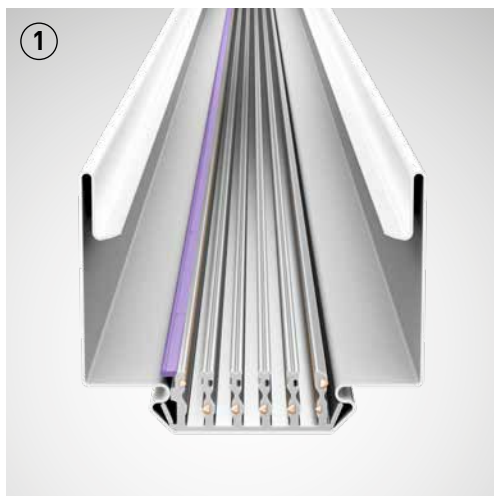
*Suspension distances vary depending on the type of luminaire insert/module.
For more detailed information, please refer to the installation instructions.



11-core track system for flexible integration of additional modules and emergency lighting components
Flex trunking available in 737.50 mm, 1,475 mm, 2,212.50 mm, 2,950 mm and 4,425 mm lengths



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



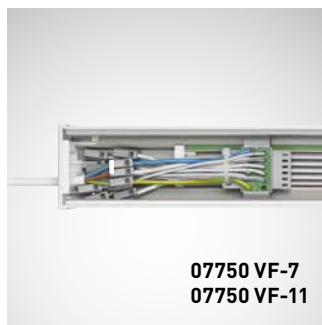
7-core current conducting profile
 $5 \times 2.5 \text{ mm}^2 + 2 \times 1.5 \text{ mm}^2$
3 separate circuits
2 control lines for DALI signal



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



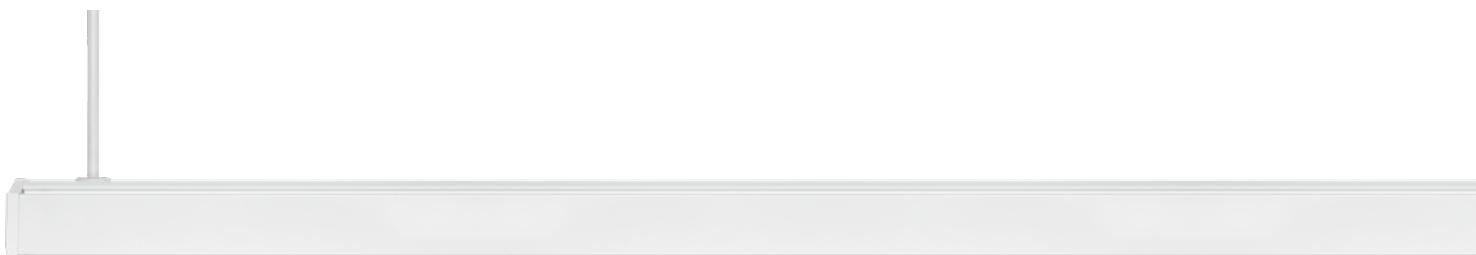
7 or 11-pole plug for infeed,
rigid



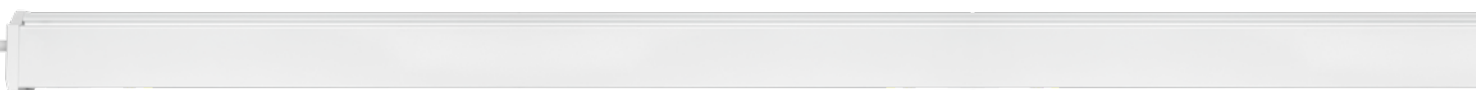
7 or 11-pole plug
for electronic contacting, flexible

Infeed as simple as it gets

Current infeed for E-Line Next LED with Flex trunking is possible using various accessories. Be it from the front, from above into the trunking or also at the coupling points – there are (almost) no restrictions.



Infeed from above

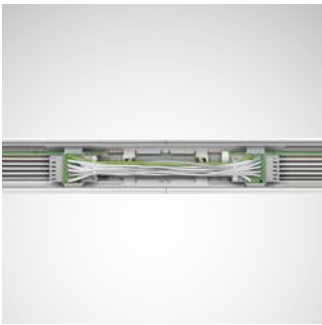


Front-side infeed

Intuitive and flexible installation with optimised suspension distances

Typical for E-Line Next LED is its quick, simple and intuitive installation. After fixing the grids, the gear trays are simply clicked into place without tools, using a spring lock. One drilling point every four metres – a win by a large margin, since E-Line Next LED Flex features a new trunking geometry and a new type of coupling. It facilitates suspension distances of up to 4 metres. This saves significant amounts of time and costs during installation.

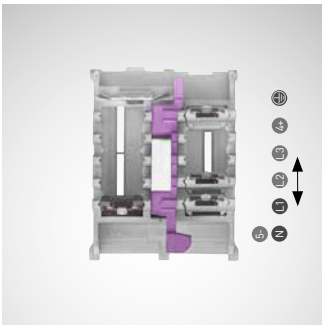
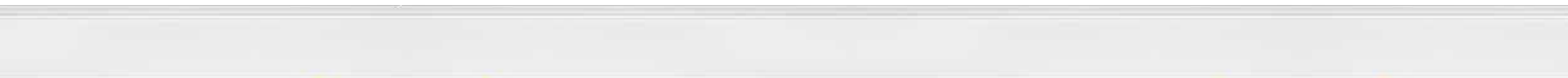
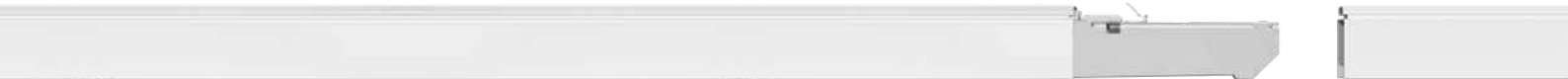
Coupling point for mechanical and electrical trunking connection. The coupling is pre-assembled for quick and simple trunking connection. Infeed is possible at any coupling point.



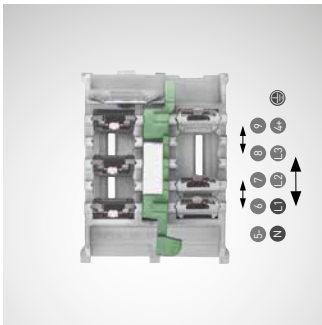
7 or 11-pole connector between trunking components, pre-assembled.



7 or 11-pole plug for central infeed at the coupling point.



Flex connector, 7-core*



Flex connector, 11-core*

Flex	11-pole									
	7-pole									
	2.5 mm ²					1.5 mm ²				
	N	⊕	L1	L2	L3	4+	5-	6	7	8 9
----7 ET	N	⊕	L1	L2	L3					
----7 ETDD	N	⊕	L1	L2	L3	DA	DA			
----11 ET NOT EB3 / EB1**	N	⊕	L1'	L2'	L3		L1/2/3		L2	L1
----11---- ETDD & NOT EB3 / EB1	N	⊕	L1	L2	L3	DA	DA		L2	L1
----11 ET NOT UR	N	⊕	L1	L2	L3			N2'	N1'	L2' L1'
----11---- ETDD & NOT UR	N	⊕	L1	L2	L3	DA	DA	N2'	N1'	L2' L1'

For further information, please refer to the installation instructions
* flexible manual phase selection option

ET/ETDD/UR

N	Neutral conductor
⊕	Earthing conductor
L1	Phase 1
L2	Phase 2
L3	Phase 3
DA	DALI conductor
DA	DALI conductor
L1'	Supply UR 1
N1'	Supply UR 1
L2'	Supply UR 2
N2'	Supply UR 2

** Note EB3 / EB1: use same phase for general lighting and emergency lighting

ET/ETDD/EB1***/EB3

N	Neutral conductor
⊕	Earthing conductor
L1	Phase 1
L2	Phase 2
L3	Phase 3
DA	DALI conductor
DA	DALI conductor
L1'/L2'/L3'	switched phase EB3 / EB1
L1/2/3	Charging phase EB3 / EB1

*** EB1 available as emergency light module (stand-by luminaire)

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.

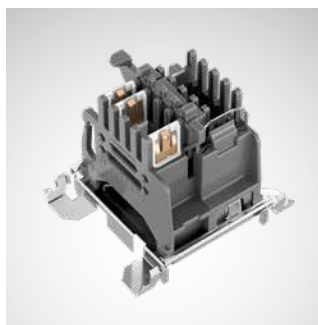
Lens							
							
LVW Very wide	LW Wide	LN Narrow	LVN Very narrow	LEN Extreme narrow	LDAW Double asymmetric wide	LDAN Double asymmetric narrow	LAN Asymmetric narrow
							
3 – 6 m Mounting height recommendation	4 – 8 m Mounting height recommendation	8 – 12 m Mounting height recommendation	8 – 12 m Mounting height recommendation	12 – 16 m Mounting height recommendation	2.8 – 3.5 m Mounting height recommendation	3.6 – 5.0 m Mounting height recommendation	2.8 – 3.5 m Mounting height recommendation
							
							
							
							
							
							
							
							
IP64							
IP20 + IP50							

	Diffuser		Prismatic			
LW19 Wide (19)	DL Lambertian	DSL Slim - lambertian	PWW Wide-wide	PW Wide	PVN Narrow	PW19 Wide(19)
2.8 – 3.5 m Mounting height recommendation	3 – 6 m Mounting height recommendation	2.5 – 4 m Mounting height recommendation	2.5 – 4 m Mounting height recommendation	3 – 6 m Mounting height recommendation	8 – 12 m Mounting height recommendation	3 – 6 m Mounting height recommendation
INDUSTRY RETAIL EDUCATION OFFICE						
IP20 + IP50						



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

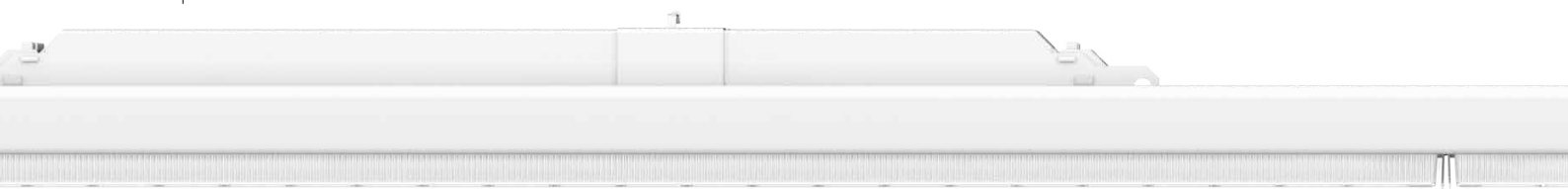
The plug for electronic contacting is colour-coded: 7-core (purple) and 11-core (green)



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 LiveLink Module



2 LiveLink



3 3-PH Fixpoint



4 Lightpanel G2 LED



5 Grado LED/B.Veo LED

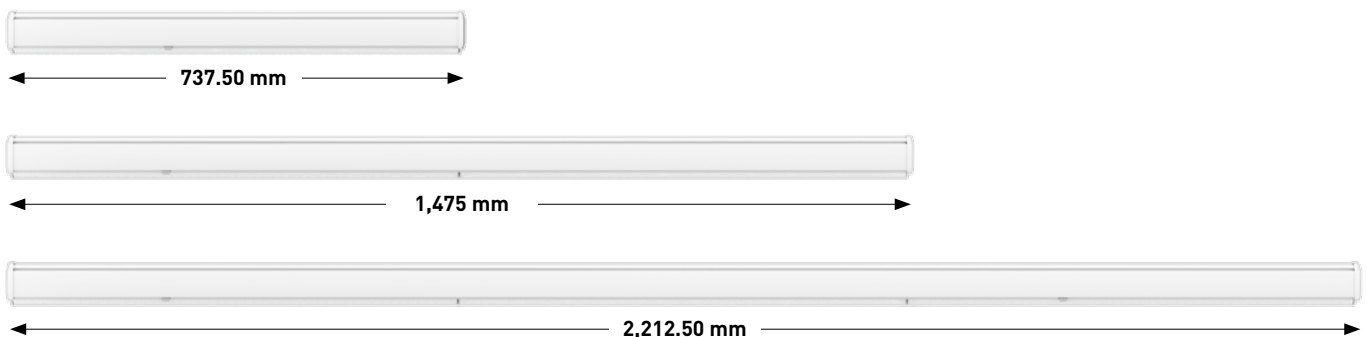


6 3-circuit track modules

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** Ideal, individually adapted light with minimal effort: This goal can be achieved thanks to the intuitive and secure control of all light points. The simply installed, intelligent LiveLink WiFi module (368.75 mm module length) enables simple planning and operation of even complex lighting system controls. Thanks to the plastic cover, secure connection and improved coverage are guaranteed. Integration into the trunking – quick as a flash via plug & play. Reducing energy costs quickly and simply.
- 2** The daylight and presence sensors (for various mounting heights) are mounted on a factory pre-assembled gear tray (module length 368.75 mm) and are simply put into operation via plug & play.
- 3** Taste is always subjective. E-Line Next LED does not impose any limits, since its 3-circuit track insert (module length 368.75 mm) enables the connection of various spotlights to the trunking. This means all doors are open for ideal room design and emotional, accentuated light.
- 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 737.50 mm).
- 5** The two spotlights B.Veo LED and Grado LED provide various accent possibilities for the retail sector. The Grado LED graphics spotlight with its specially developed diffuser reflector distinctly showcases graphics, displays or visuals in a purposeful light, while B.Veo LED allows goods to be perfectly highlighted with five different beam angles. Pre-assembled on a 368.75 mm module, they can be easily implemented in an E-Line Next LED trunking system. Thanks to a wide range of lumen packages (2,000-5,000 lm), both spotlights can be used at various mounting heights. Six white light variations and three special light colours for fresh goods areas further provide the right light for any product group.
- 6** 3-circuit track modules from Nordic (module length 1,475 mm), available for either 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:
737.50 mm, 1,475 mm and 2,212.50 mm.



737.50 mm

The gear tray with length 737.50 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.

1,475 mm

The classic 1,475 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.

2,212.50 mm

The 2,212.50 mm-long gear tray cuts investment and installation costs, making it particularly suitable for cost-efficient projects.

E-LINE NEXT LED

MODULE OVERVIEW



7 Nextrema G3 LED



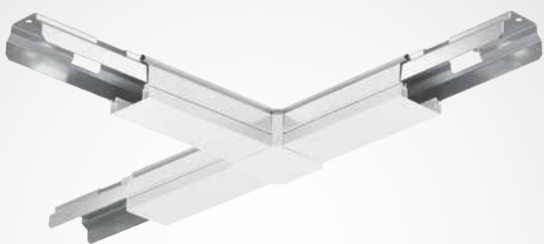
8 Oleveon Fit/Aragon Fit LED Adapters



9 Mirona Fit LED



10 L-connector

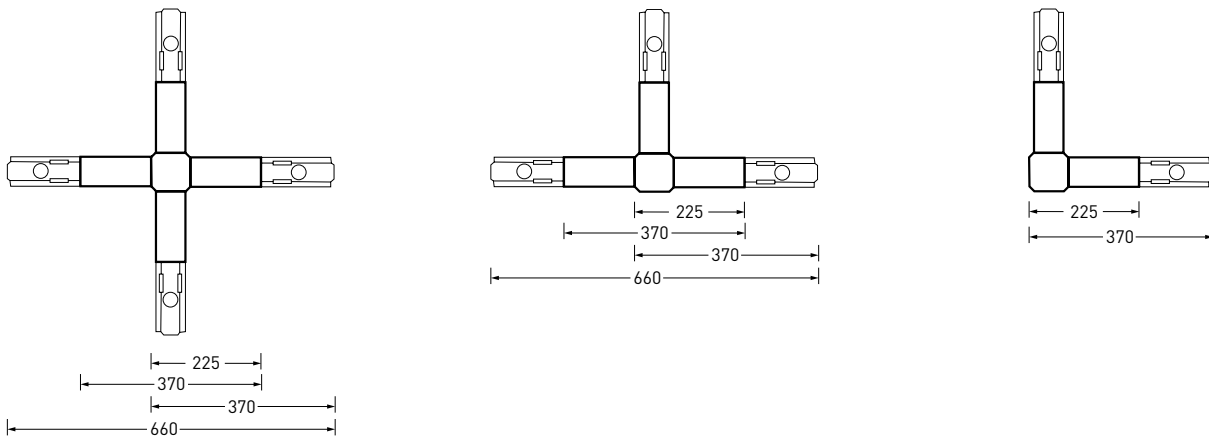


10 T-connector



10 X-connector

- 7 Be it in cold stores, food production, logistics halls or parking garages: Nextrema G3 LED emits pleasantly homogeneous, glare-free light and not only saves costs during operation, but also keeps it up continuously through its reliability. Thanks to its adapter (module length 1,475 mm), integration into E-Line Next trunking is done in next to no time, simply via plug & play.
- 8 Olevion Fit LED/Aragon Fit LED raises the lighting quality in damp rooms to a new level. Innovative 3-D prism technology ensures homogeneous, glare-free light, while state-of-the-art LED technology minimises energy consumption. Also applicable here: highly simple integration into the trunking (module length 1,475 mm) and rapid luminaire connection ensure ideal light even in environments with higher protection requirements.
- 9 In addition to the classic gear trays, the Mirona Fit LED highbay spotlight can also be inserted into the trunking of the E-Line Next LED (module length 1,475 mm or 2,212.50 mm). In this way, special applications such as industrial halls with particularly high ceilings or extreme temperatures can be equipped.
- 10 Becoming one with the architecture: E-Line Next LED can be assembled and combined into numerous variants using different connectors. Always according to the respective requirements in terms of design and lighting.



E-Line Next LED trunking is available in five different module lengths: **737.50 mm, 1,475 mm, 2,212.50 mm, 2,950 mm and 4,425 mm**. The gradation in steps of 737.50 mm simplifies design and implementation.





E-LINE NEXT LED

EMERGENCY LIGHT

In addition to general building lighting, emergency lighting is also required in almost every construction project. This type of lighting activates for a defined period of time once the artificial lighting in a building fails. Emergency lighting is required, among other regulations, in fire protection concepts, building legislation (state building regulations etc.), occupational health and safety legislation and accident prevention legislation. Battery-backed systems are generally used as a power source for emergency purposes, which is intended to achieve the following protection targets:

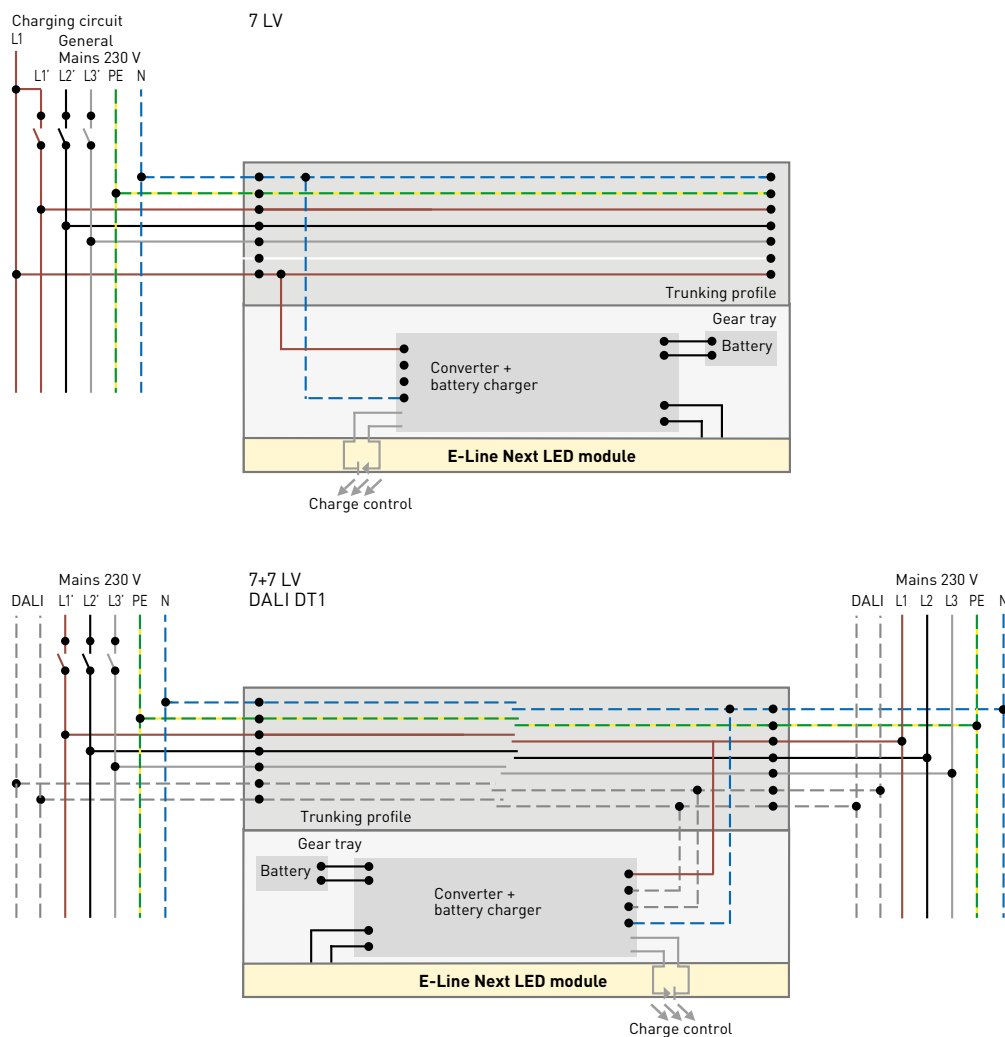
- **Safe evacuation of a building in case of a failure of the general power supply**
- **Safe termination of potentially hazardous work processes**
- **Locating fire-fighting and safety equipment (e.g. first-aid point)**

In the area of lighting for escape and rescue routes, E-Line Next LED now offers a solution that is optimised for emergency lighting.

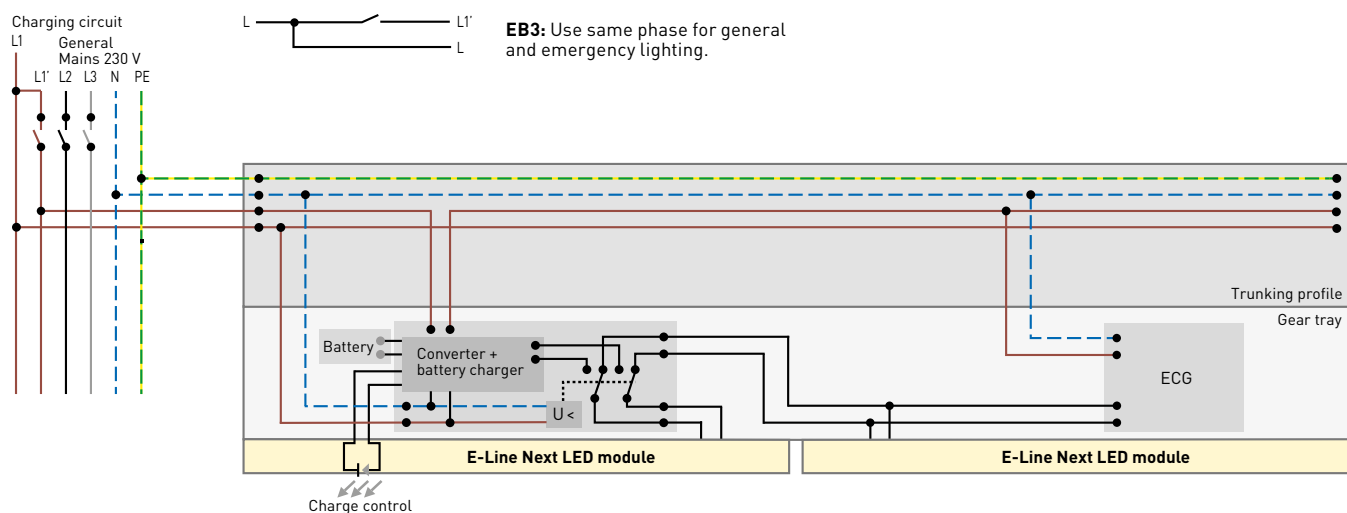
EMERGENCY LIGHT – WITH SINGLE BATTERY

E-Line Next LED with individual supply unit (single battery) is additionally connected to the unswitched phase conductor and the neutral conductor. This way, the integral battery is charged independent of the switching state of the luminaire, and mains function is monitored with charge control. A separate network for the emergency power supply is not necessary. In case of general power supply failure, one LEDM of the luminaire for mains operation is supplied with the energy of the single battery for emergency lighting in standby mode. The charge control is extinguished.

Single battery EB1



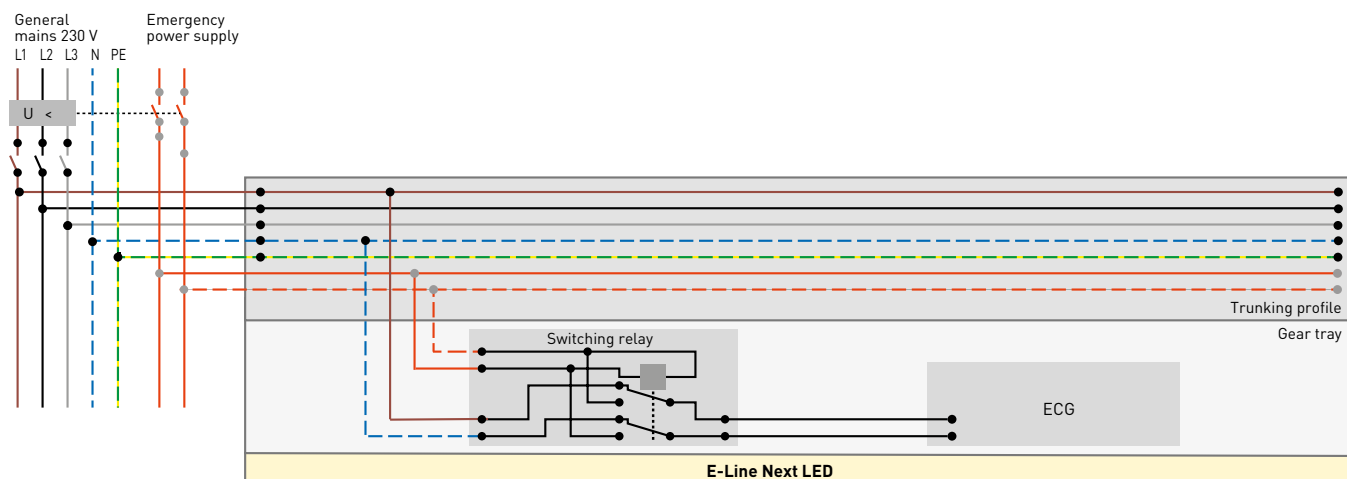
Single battery EB3



Central battery with switching relay

E-Line Next LED with switching relay in continuous and standby mode.

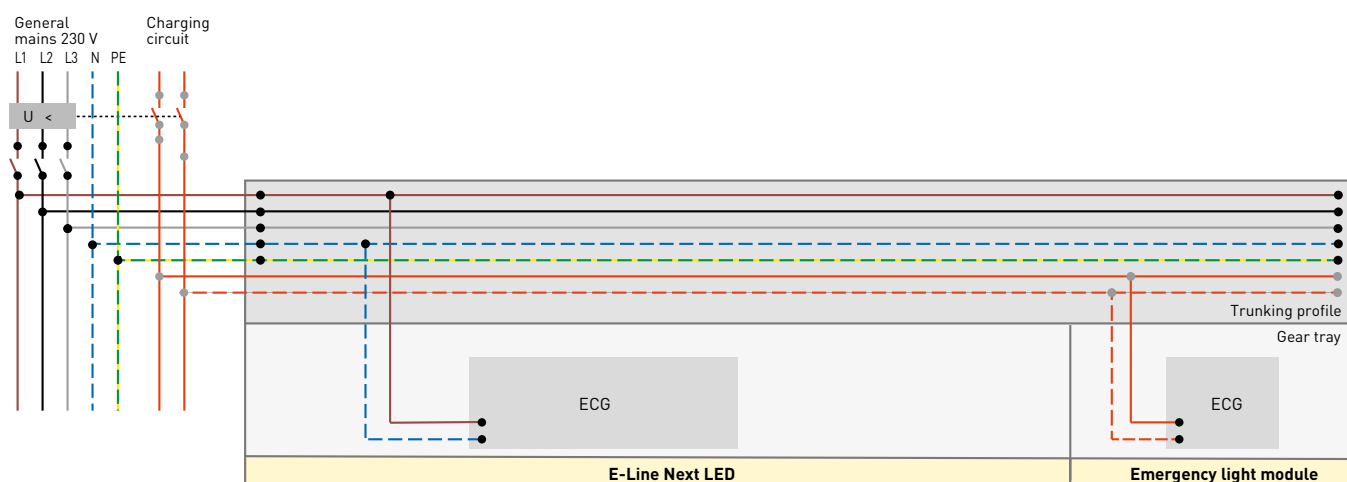
In the event of a general power supply failure, the emergency power supply is switched on based on voltage monitoring, e.g. in central or group battery systems, with 220 V/DC voltage or 230 V/AC voltage. The luminaire for mains operation continues operation using power from the central battery system.



Central battery with emergency light module (Inotec/CEAG)

The E-Line Next LED emergency light module is used in combination with Inotec 230 V or 24 V emergency lighting systems. In general, the module can be combined with Fix trunking (7LV + 7LV) or Flex trunking (11-pole) via the familiar snap fasteners. The optimised light distribution of the optical system guarantees safe illumination of rescue routes at different mounting heights (from 2.5 m to 12 m).

The Inotec emergency inverter for E-Line Next LED is connected both to the general mains supply and to the emergency power supply. In the event of a general power supply failure, the safety power supply is switched on based on voltage monitoring, e.g. in central or group battery systems. The module with integrated ECG is supplied independently of the mains. Depending on the type of emergency power supply, the luminaire is operated in continuous or standby mode.



OVERVIEW EMERGENCY LIGHT SOLUTIONS

Single battery (EB1/EB3) / Central battery with switching relay

Module length	Beam angle	Switching	Emergency light type	Luminous flux (lm/% of luminaire luminous flux)	illuminated unit
Single battery (EB1)					
L75	corresponds to E-Line Next optics	ET	EB1	100% (stand-by luminaire)	All LEDM
L75	corresponds to E-Line Next optics	ETDD	EB1	100% (stand-by luminaire)	All LEDM
Single battery (EB3)					
L150	corresponds to E-Line Next optics	ET	EB3	414 lm	1 LEDM
L150	corresponds to E-Line Next optics	ETDD	EB3	414 lm	1 LEDM
L225	corresponds to E-Line Next optics	ET	EB3	414 lm	1 LEDM
L225	corresponds to E-Line Next optics	ETDD	EB3	414 lm	1 LEDM
Central battery with switching relay					
L150	corresponds to E-Line Next optics	ET	UR	100%	All LEDM
L150	corresponds to E-Line Next optics	ETDD	UR	15%	All LEDM
L225	corresponds to E-Line Next optics	ET	UR	100%	All LEDM
L225	corresponds to E-Line Next optics	ETDD	UR	15%	All LEDM
L225	corresponds to E-Line Next optics	ET	UR	100%	All LEDM

Note:

All switchable gear trays (ET) have 100% in DC operation.
All dimmable gear trays (non-UR/EB1, EB3) have 15% in DC operation.
Does not apply to EB1, EB3 or UR versions.

Central battery with emergency light module (Inotec/CEAG)



	Rescue routes		Areas	
	Asymmetrical lowbay (ALB)	Asymmetrical highbay (AHB)	Symmetrical lowbay (SLB)	Symmetrical highbay (SHB)
Installation height recommendation	2.5 – 6 m	2.5 – 12 m	2.5 – 6 m	2.5 – 12 m

Module length	Beam angle	Emergency light type	Luminous flux (lm/% of luminaire luminous flux)	illuminated unit	compatible with emergency light systems (V)
L37 Inotec	ALB	UR	139 lm	Light of the emergency inverter	24 V/230 V
L37 Inotec	SLB	UR	322 lm	Light of the emergency inverter	24 V/230 V
L37 Inotec	AHB	UR	287 lm	Light of the emergency inverter	24 V/230 V
L37 Inotec	SHB	UR	545 lm	Light of the emergency inverter	24 V/230 V
L37 CEAG	ALB	UR	250 lm	Light of the emergency inverter	230 V
L37 CEAG	SLB	UR	250 lm	Light of the emergency inverter	230 V
L37 CEAG	AHB	UR	282 lm	Light of the emergency inverter	230 V
L37 CEAG	SHB	UR	282 lm	Light of the emergency inverter	230 V

SLB = symmetrical lowbay, SHB = symmetrical highbay, ALB = asymmetrical lowbay, AHB = asymmetrical highbay

	inotec	CEAG
Luminous flux (lm)	216 lm 288 lm 364 lm 476 lm	250 lm 282 lm
Connected load	4 W	2 W 3.9 W
Light colour	4,000 K	6,500 K
IP	IP20 IP50 compatible with IP64	IP20 IP50 compatible with IP64
Temperature	-15 °C to +45 °C	-20 °C to +40 °C
Colour	white	white



E-LINE NEXT LED

TECHNICAL FEATURES

NEXT

EVERYTHING REMAINS. **EXCEPT BETTER.**

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 (NN)	

HE = High Efficiency
HE+ = High Efficiency (Industry)
* IP64 variant in silver as standard

Note:
All switchable gear trays (ET) have 100% in DC operation.
All dimmable gear trays (non-UR/EB1/EB3) have 15% in DC operation.
Does not apply to EB1, EB3 or UR versions.

Maximum quantity of gear trays per circuit for various automatic circuit breakers

Cable cross-section	Fusing	Automatic circuit breaker	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

<div> <div>765</div> <div>1</div> <div>IP</div> <div>ACT</div> <div>HE+</div> <div>LW</div> <div>200</div> </div>						
Product name	Protection rating (optional)	HCL mark (optional)	Performance	Optic		System luminous flux
7751 Flex 7651 Fix*	IP Protection rating IP50** allround (only with 7651 Fix)	ACT Active luminaires	k.A. Entry 50,000 h HE Core 70,000 h HE+ Core+ 90,000 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)		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

* "1" stands for a single-row luminaire insert,

7651FIX LW 20k840 L150 ETDD 01, designation logic refurbishment insert

** IP50: For applications with increased requirements and use in fire-hazardous operating sites (D designation)

TRUNKING

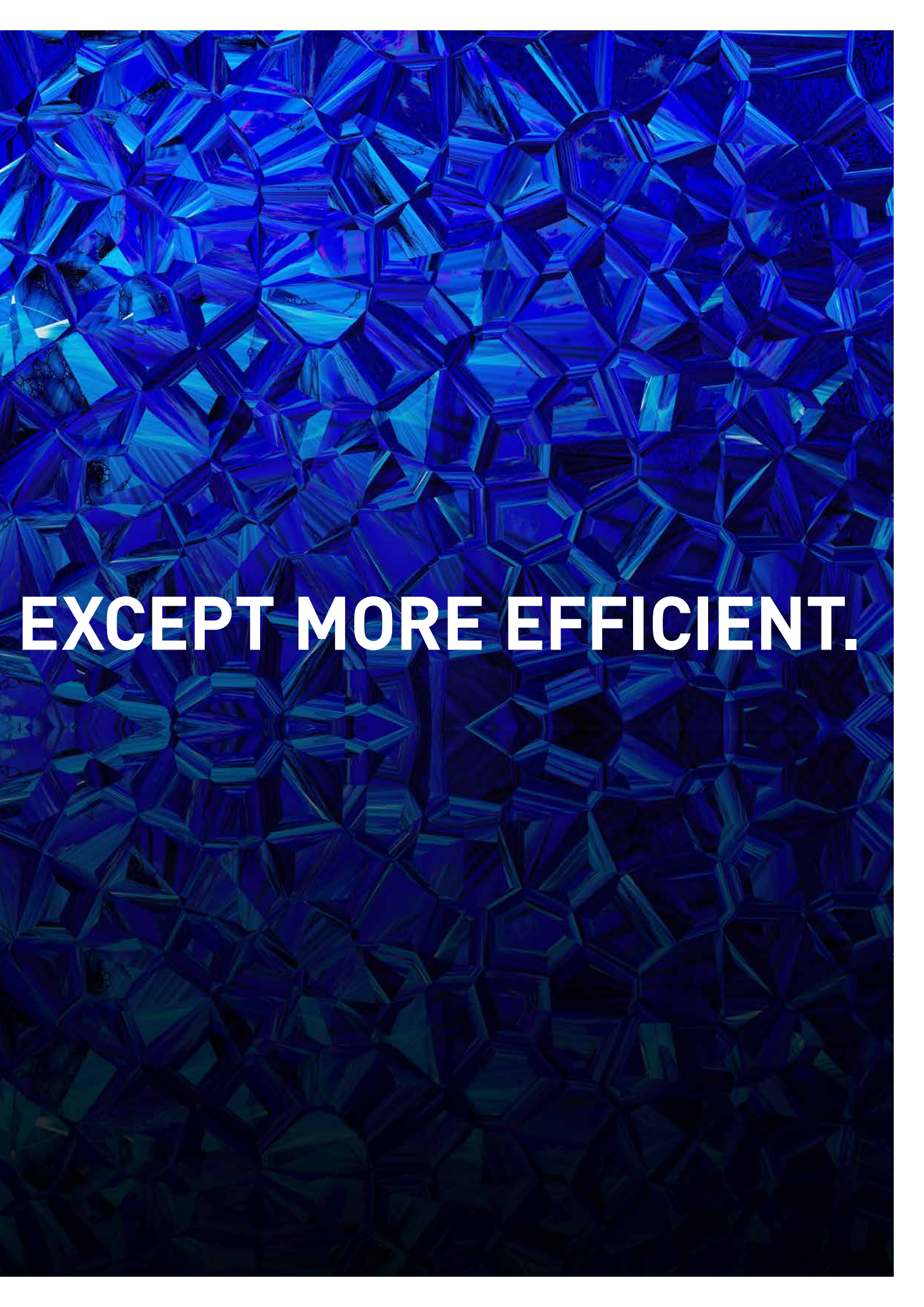
<div> <div>07650</div> <div>L225</div> <div>7LV</div> </div>		
Product name	Trunking length	Conductor connections
07750 Flex 07650 Fix	L75 737.50 mm L150 1,475.00 mm L225 2,212.50 mm L300 2,950.00 mm L450 4,425.00 mm	7LV 7-core 11LV 11-core 7+7LV 14-core

840	ETDD	EB3	L225	01	p6
Light colour/CRI	Switching type	Emergency light	Length of gear tray	Housing colour	Packaging (optional)
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	EB1 single battery 1h EB3 single battery 3h UR central battery	L75 737.50 mm L150 1,475.00 mm L225 2,212.50 mm	01 white 03 silver 05 black	- simple p8 set of 8 p6 set of 6 p4 set of 4 p10 set of 10

225	03	IP64
Spacing between female connectors	Housing colour	Protection rating
37 368.75 mm 150 1,475.00 mm 225 2,212.50 mm	01 white 03 silver 05 black	IP64 dust-proof and splashwater protected



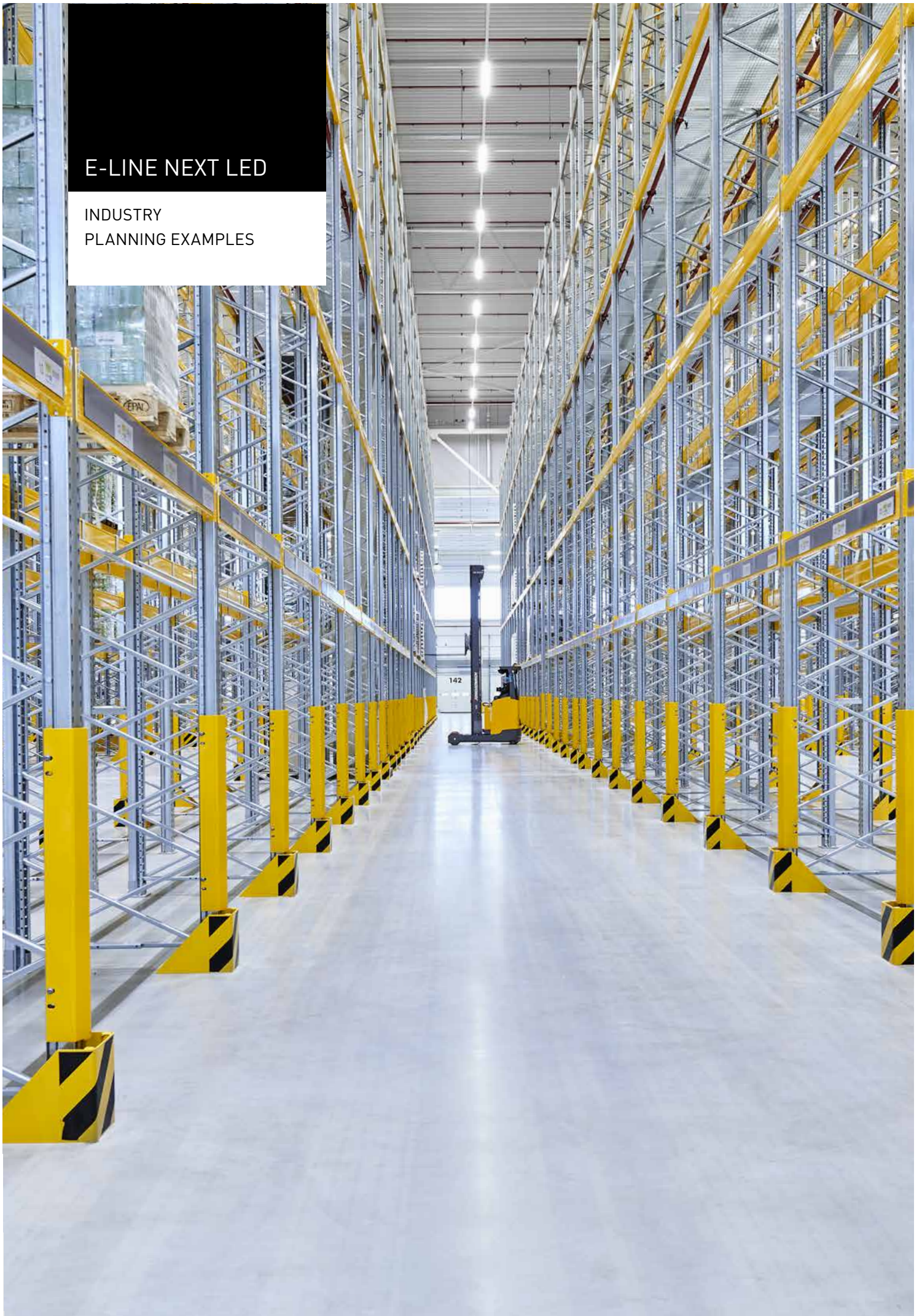
EVERYTHING REMAINS.



EXCEPT MORE EFFICIENT.

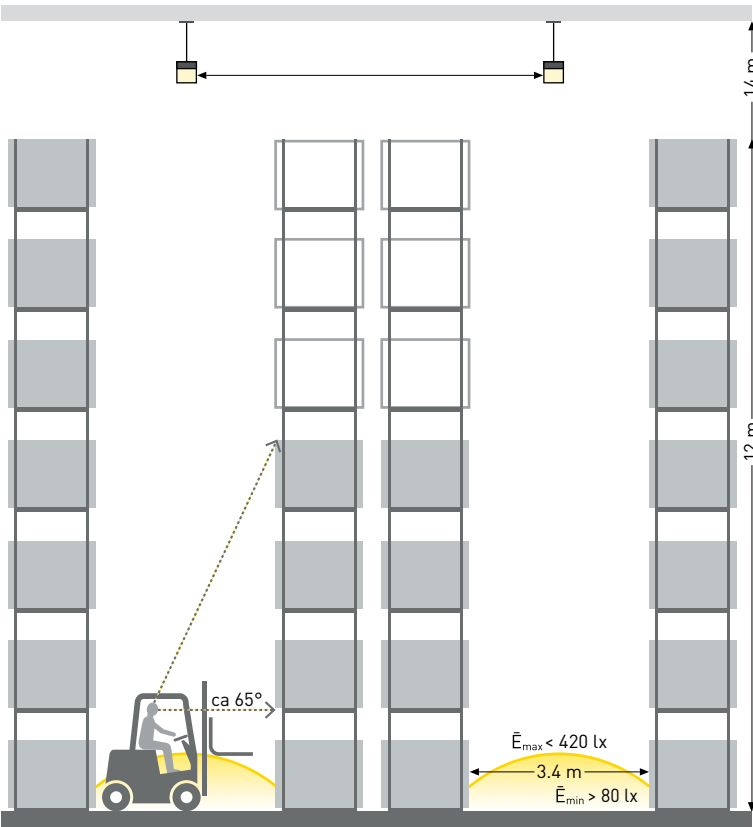
E-LINE NEXT LED

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

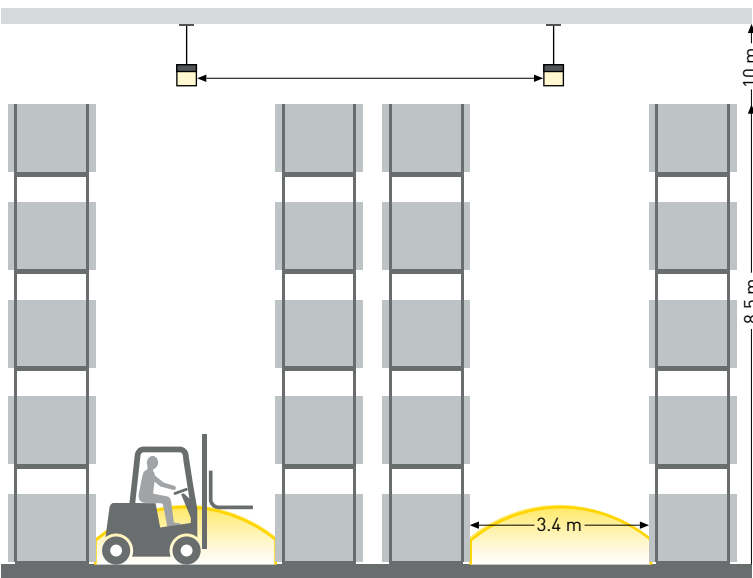


- Basis for planning example:**
- Aisle width.....3 m to 3.5 m
 - Mounting height..... 14 m (12 – 16 m)
 - E-Line lumen package.....variable
 - Vertical illumination.....0.5 m to 12.5 m

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



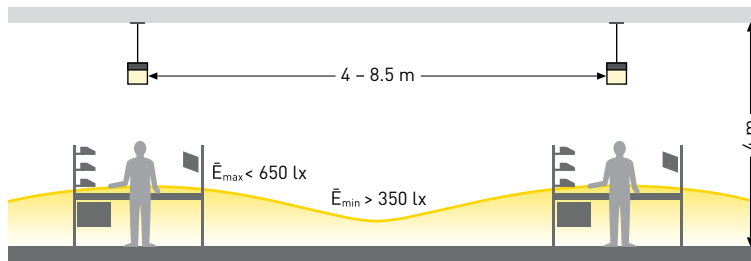
E-LINE NEXT LED

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. When planning an IP64 continuous line, an allowance of 48 mm per coupling point must be factored in.

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

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

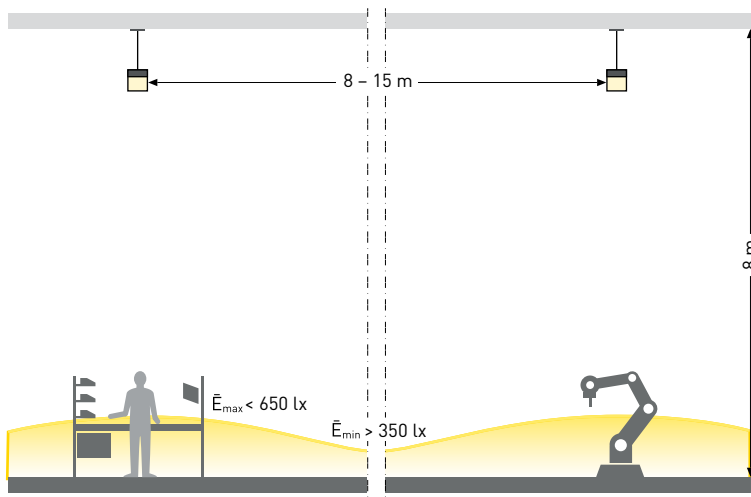


LVW



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

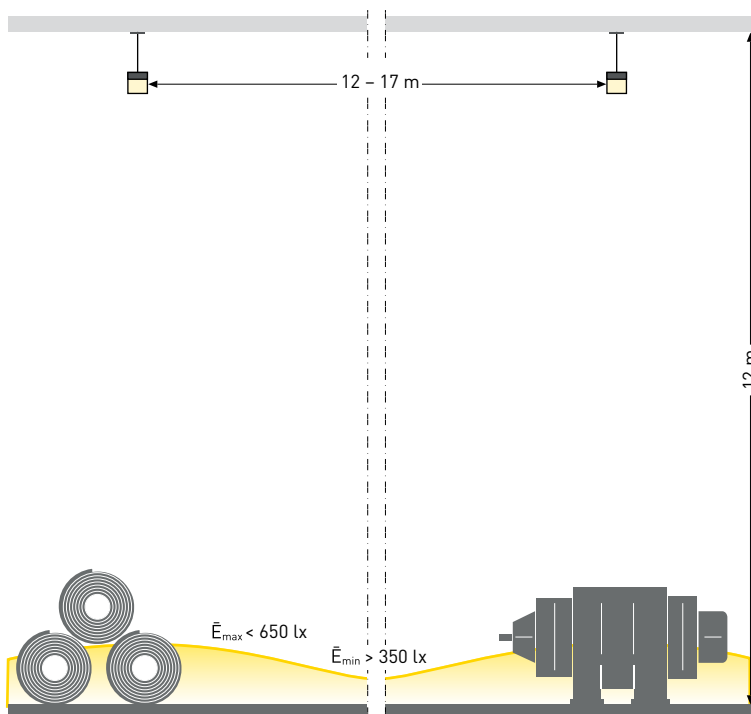
Normative requirement

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



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

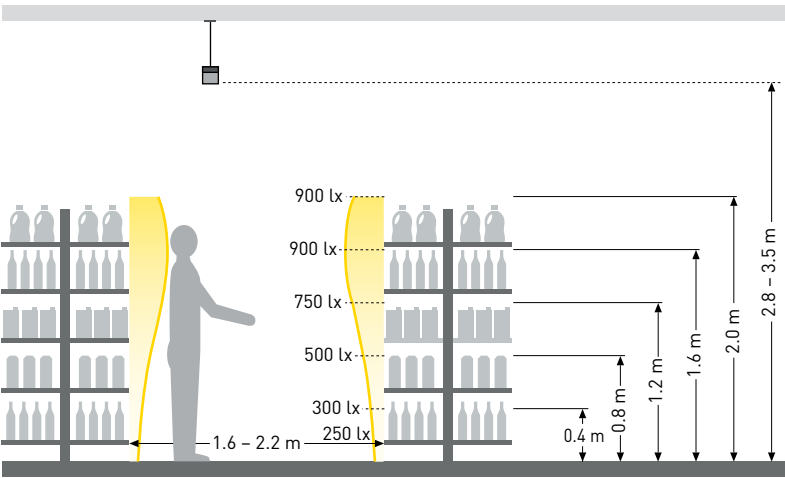
E-LINE NEXT LED

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

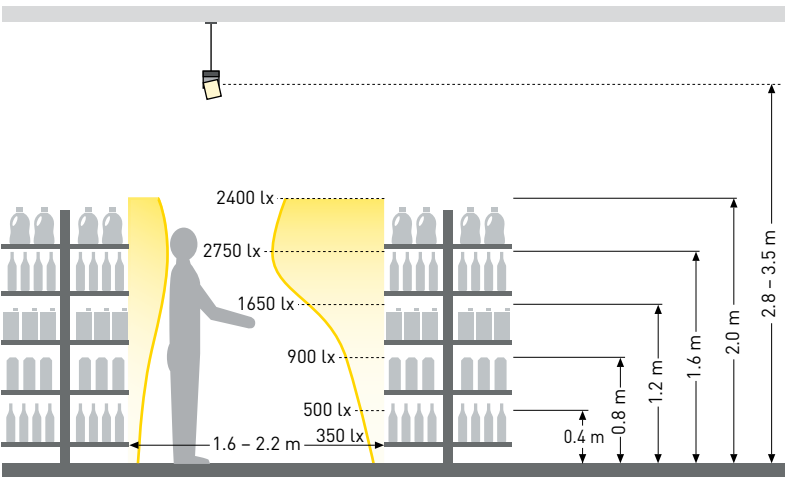


Basis for planning example:

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



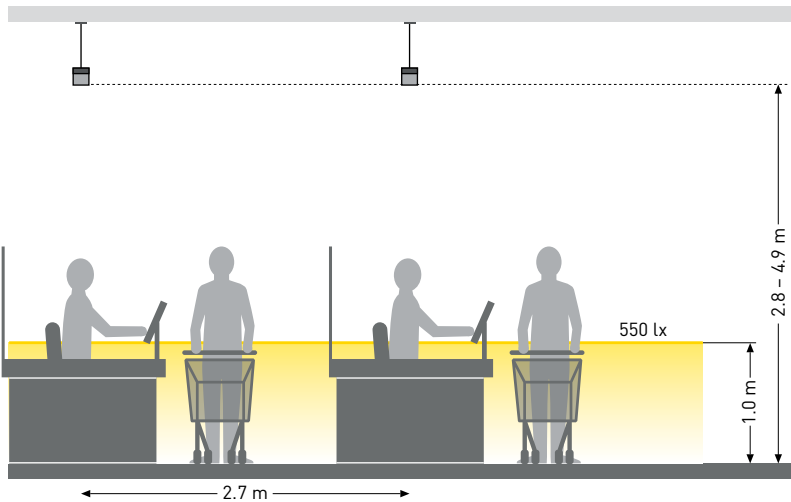
E-LINE NEXT LED

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



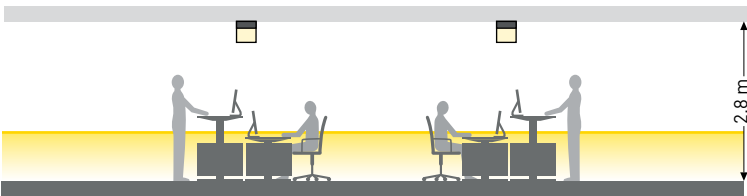
E-LINE NEXT LED

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

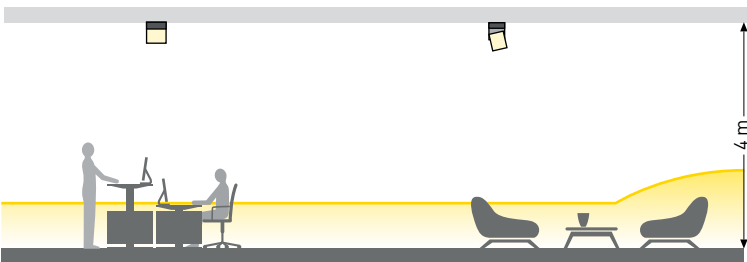


Basis for planning example:
Mounting height (PW19) 2.8 m (2.5 m-5 m)
Mounting height (recommendation: LW19)..... > 3.5 m
E-Line lumen package (L 2.25 m) 6,600 lm
UGR ≤ 19

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

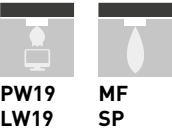


INDUSTRIAL DESIGN OFFICE



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



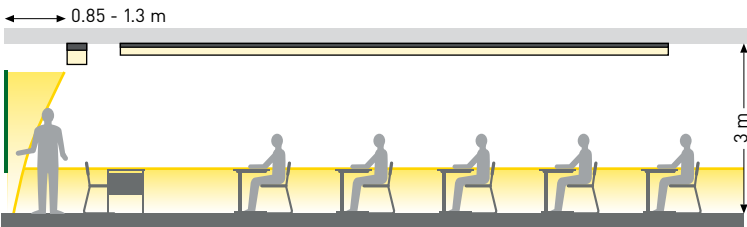
E-LINE NEXT LED

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 REMAINS. EXC

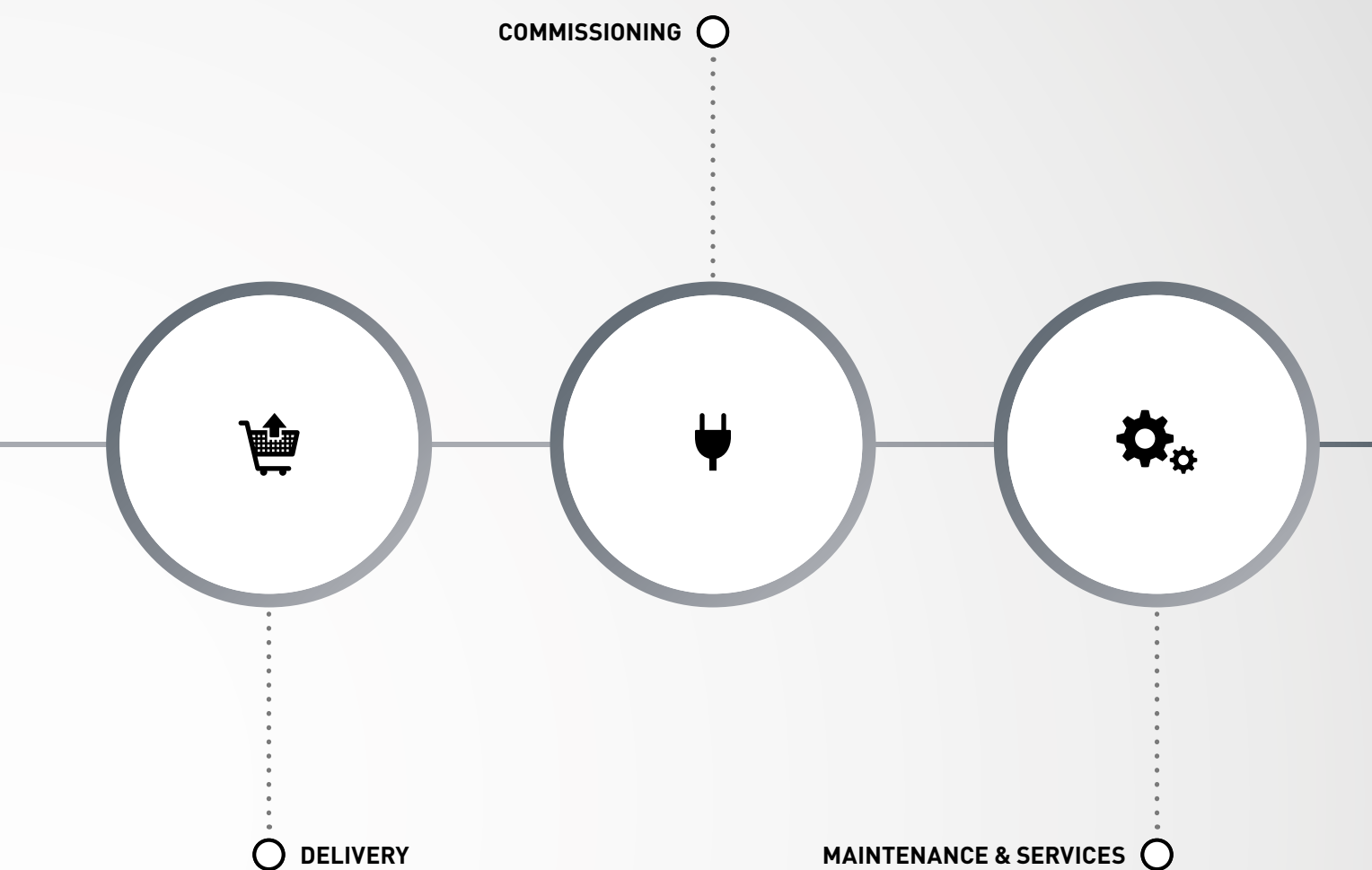


EPT WITH HIGHER QUALITY.

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

E-LINE NEXT LED

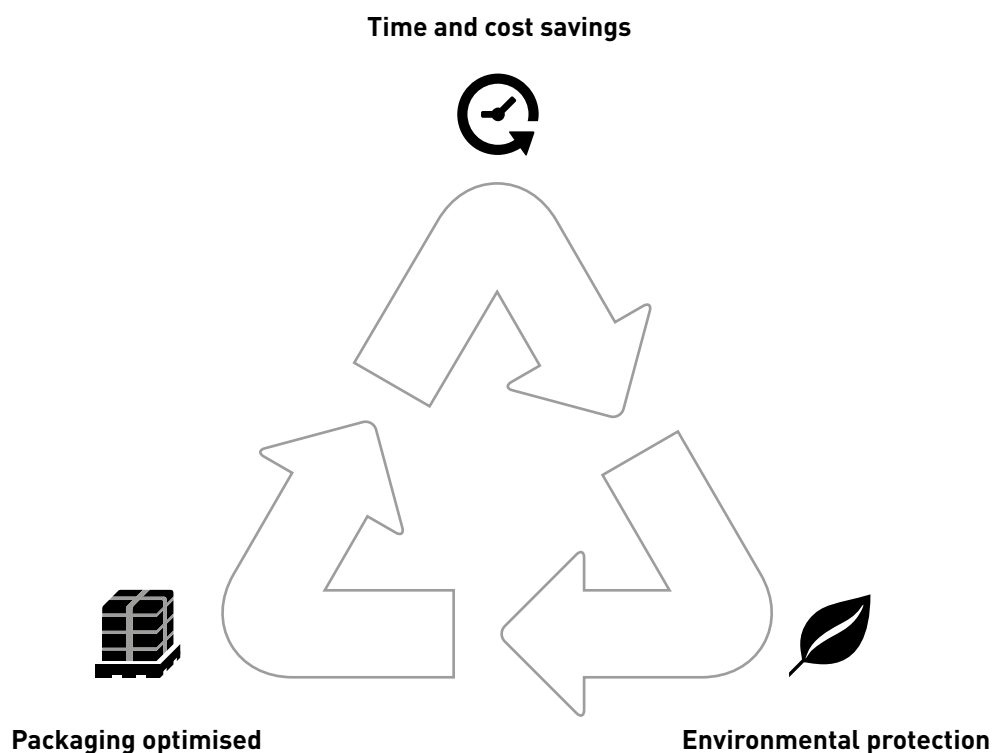
OPTIMISED
PACKAGING SIZES





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





The future belongs to intelligent light controls

When the aim is to maximize light comfort and energy efficiency, adjustability and individually controlled light is a must. This is why the future belongs to intelligent light management systems.

In the past, complex installation and operation often hindered access to the world of networked light. TRILUX LiveLink puts an end to this. It facilitates intuitive and secure control of all light points. To install the system, all that is needed is a mains connection as well as a DALI connection. Commissioning with LiveLink is effortless – thanks to Use Cases with preconfigured rooms for the respective application areas, among them also Human Centric Lighting. To set up larger projects with complex lighting tasks, users have the modular TRILUX service portfolio at their disposal – perfectly in line with “SIMPLIFY YOUR LIGHT”, the TRILUX brand promise.

With the LiveLink radio solution, a light management system can be implemented quickly and easily, even under difficult structural conditions. Where the building wiring does not feature any two-core DALI control lines, LiveLink also provides an option for wireless operation. In this setup, communication between controller and luminaires is handled via ZigBee radio standard.



Simple planning

The LiveLink Install app on a tablet simplifies planning by means of pre-set room configurations (Use Cases). TRILUX configures project-specific settings on request and provides them via TRILUX ONE.



HCL integration

Light colour impacts numerous reactions in the human body, for instance concentration and performance capability, well-being and biorhythm. Human Centric Lighting solutions use these effects by adapting the light colour to user needs in a targeted way. With LiveLink, even complicated HCL applications can be implemented quickly and simply. To this end, the Use Cases feature stored progression curves in the various applications which meet the respective requirements ideally.



Rapid installation

LiveLink system and system components are only connected to one another using DALI. Programming and commissioning are done in a time-saving, simple manner via a graphic user interface on mobile iOS and Android devices. Simplified installation in refurbishment cases by radio networking of luminaires: retro-active installation of DALI control lines is not required, signals are transmitted to the luminaires wirelessly.



Intuitive operation

In practice, there are many functions which LiveLink executes automatically. Those include controlling the lighting level with daylight-dependent control and presence detection. If further light scenes are required, the luminaires can be controlled via smartphone or traditionally via push-button. There's hardly a simpler way.



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.

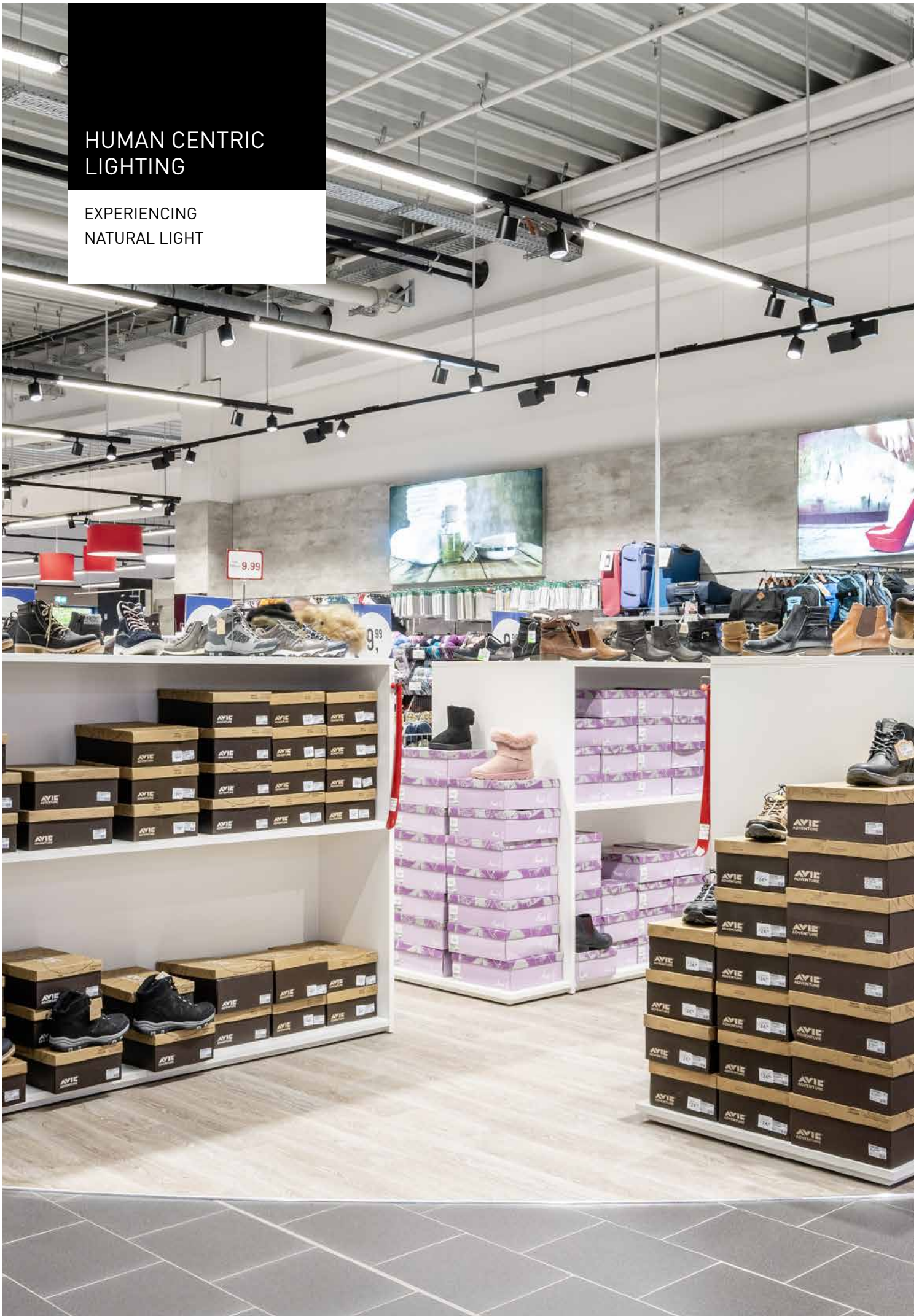
LiveLink Premium is particularly suitable for large, sophisticated project solutions. The system can control and manage almost any number of DALI groups and DALI devices, e.g. luminaires, but also sensors. And when it comes to the right luminaires, LiveLink Premium is as versatile as ever: in combination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



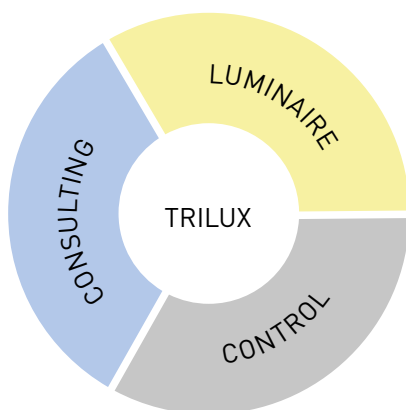


Light has many facets that need to be considered when designing future-capable lighting solutions. At TRILUX we offer an important added value: we place people with their specific needs at the centre. For TRILUX customers this consistent targeting of the solution to the user is the fundamental basis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



SUPPORT

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.



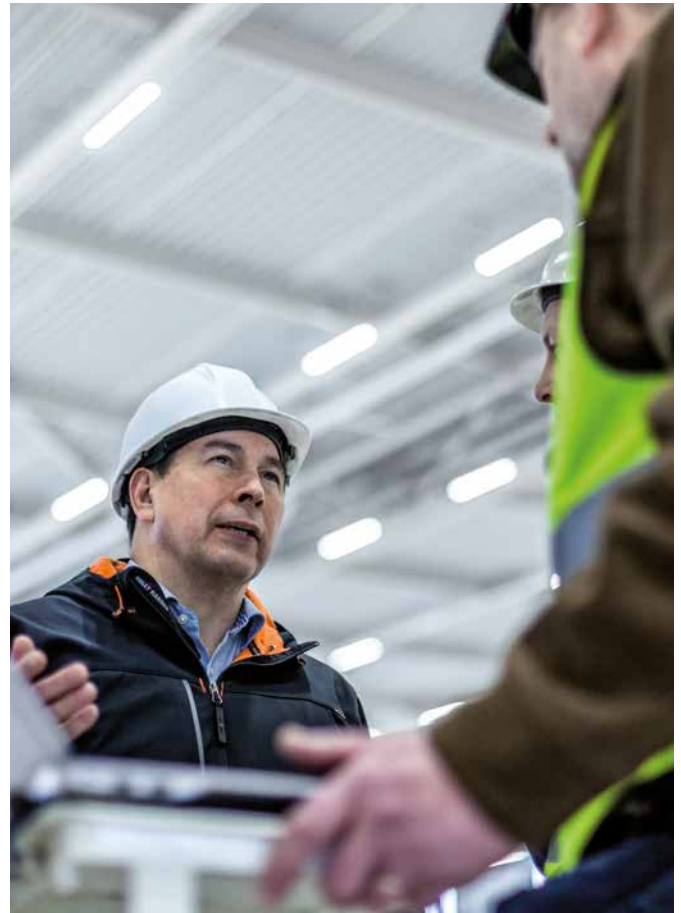
Location-based services

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.



German engineering, customised solutions and innovative design – this all indicates “Made by TRILUX”. The German market leader for technical light traditionally places great importance on high-class workmanship and products with maximum quality that can be flexibly adapted to individual user needs and conditions. TRILUX offers not only standard solutions, but in close cooperation with customers also develops tailored lighting concepts. These solutions comply with all standard requirements and score points in terms of function as well as ambiance. High-quality materials, optics developed in-house, pioneering lighting technology and a research and development department which continuously and consistently seeks optimisation potential at all levels – “Made by TRILUX” is the guarantee for the highest level of quality across the board.



Maximum energy efficiency for maximum sustainability: we help companies improve their CO₂ footprint through particularly energy-efficient products. This is not only sensible from an ecological standpoint, it also reduces operating costs and thus increases the profitability of a lighting solution. An LED solution reduces energy consumption by up to 55% compared to a conventional lighting system. In combination with a light management system, up to another 80% are possible. TRILUX solutions regularly set new standards in terms of energy efficiency and are an important component for sustainable building certifications such as BREEAM or DGNB.

Sustainability and climate protection are not limited to efficient products. TRILUX also shows commitment in the context of corporate responsibility, generating transparency in the supply chain and researching pioneering concepts for resource protection and material efficiency. Detailed information can be found in the TRILUX sustainability report 2020 on www.trilux.com/sustainability.



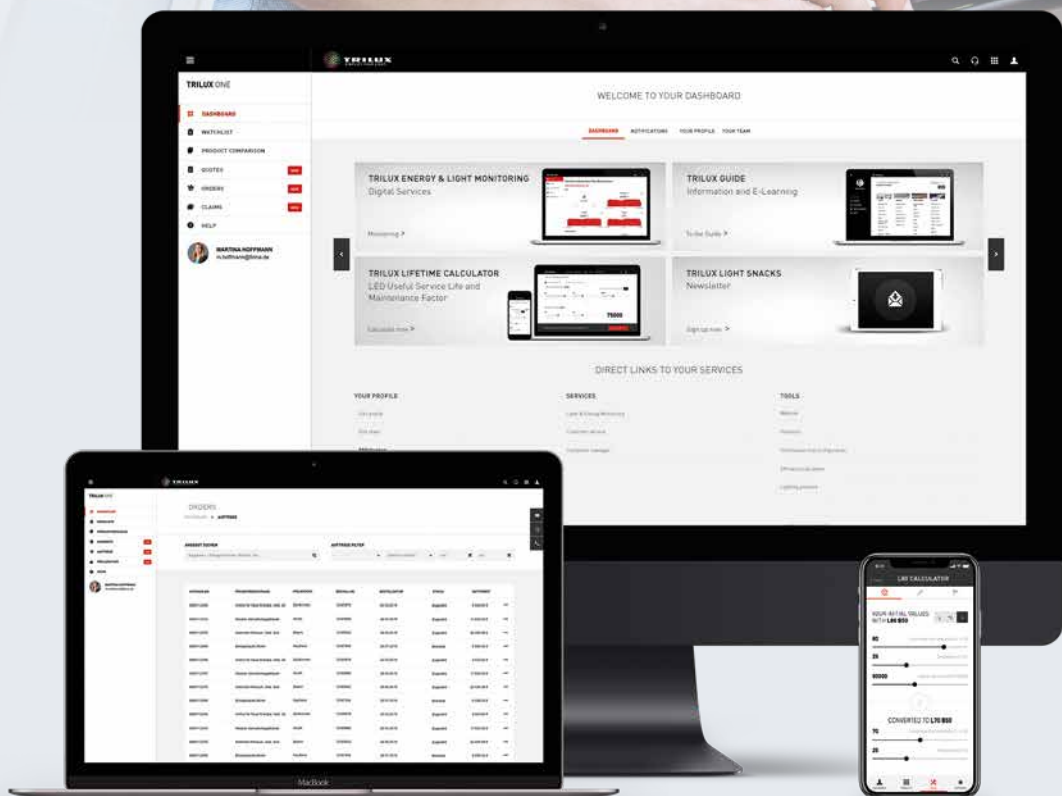
EVERYTHING REMAIN



S. EXCEPT SIMPLER.

TRILUX ONE

ONE LOGIN.
MANY ADVANTAGES.



Besides personal business relations, we at TRILUX rely on digital opportunities for making processes even more efficient and simple for you in the future.

We expanded the TRILUX Portal and will be offering you further convenient functions and services for your day-to-day business from now on – all under the name TRILUX ONE.



DIGITAL SERVICES

Light management and connectivity

- Quick registration: keep track of your lighting installation's energy consumption in the TRILUX Cloud.
- Use the connectivity services "Energy Monitoring" and "Light Monitoring" to monitor and maintain the networked lighting.



USEFUL AIDS

From personal list to efficiency calculator

- Save products to your personal list or directly to your individual project.
- Use the product comparison for simplified selection of the right product.
- Determine the specific maintenance factor using the lifetime calculator or use the energy efficiency calculator to determine investment and operating costs and potential savings.
- The TRILUX Lighting Practice is available to you with extensive knowledge regarding light and helpful support for practical work with light.



SIMPLE PROJECT WORK

Manage your projects quickly and simply

- Create a project quickly and simply and equip it with the TRILUX luminaires of your choice. The Portal will take care of the rest – compiling all necessary documents for you.
- Invite other persons to work on the various project phases together.



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.

LIGHT KNOWLEDGE

CERTIFICATE COURSES
THEME DAYS, SEMINARS,
IN PRESENCE AND ONLINE



Welcome to the TRILUX Akademie!

The TRILUX Akademie is the qualification partner for everyone professionally concerned with light. Light becomes intelligent, it can have activating or relaxing effects, it can be networked, combined with sensors and monitored and controlled via cloud. The latest specialist knowledge is vital to ideally exploit the possibilities created by new products and applications. The TRILUX Akademie communicates expert knowledge in the form of various training formats for any training need. The wide-ranging programme of theme days, seminars and webinars enables experienced lighting professionals to stay up-to-date and to expand their expertise in a targeted way, for instance regarding digitalisation or Human Centric Lighting. For starters in the profession, we offer certificate courses that establish a solid foundation for subsequent activities. Manufacturer-neutral certificates serve as proof of expertise and skills obtained.

Our training offers are structured into 9 thematic domains



1. Current developments

Technology change in lighting is rapid. We address important discoveries, technologies, trends and other topics and communicate them under the "Current developments" umbrella.



6. Connectivity

Lighting can already be integrated into networks and controlled via computers or mobile end devices today. We show you how it works.



2. Basic knowledge lighting technology – electrical engineering

Those intending to start out in the electrical engineering field can obtain solid basic knowledge via our certificate courses. In addition, there are compact webinars and seminars for special topics.



7. Efficiency and economy

These factors are absolutely essential for modern lighting installations. We teach lighting professionals what is required in this regard and how it can be realised at a current level of technology.



3. Lighting design – Indoor

Our basic course provides the tools of the trade for designers. When it comes to required knowledge regarding computer-based indoor design, we recommend more specialised beginners' and advanced courses with DIALux and Relux.



8. Retail

In retail, the right light must do more than create good visual conditions. The art is in making merchandise appear lively, appetising and desirable. Our special seminars communicate how this can be achieved.



4. Lighting design – Outdoor

Our basic course provides the tools of the trade for designers. When it comes to required knowledge regarding computer-based outdoor design, we recommend more specialised beginners' and advanced courses with DIALux and Relux.



9. Environment and sustainability

The order of the day is to make technology change sustainable, and therefore to use efficient and smart technologies. In our seminars and webinars, we demonstrate and discuss meaningful contributions to sustainable environmental, climate and health protection.



5. Human Centric Lighting

Human Centric Lighting currently is one of the most significant topics in the lighting industry. We communicate the necessary knowledge for this in compact webinars and seminars.

TRILUX GmbH & Co. KG

Heidestraße · D-59759 Arnsberg
Postfach 19 60 · D-59753 Arnsberg
Tel. +49 29 32.3 01-0
Fax +49 29 32.3 01-3 75
sales@trilux.com
www.trilux.com

**TRILUX Vertrieb GmbH
Key Account Management**

Heidestraße 4 · D-59759 Arnsberg
Tel. +49 29 32.3 01-44 96
Fax +49 29 32.3 01-49 70
kam@trilux.com
www.trilux.com

**PROLJUS AB**

Kyrkogatan 18
576 97 VRIGSTAD
Tel. +46 36 13 94 90
info@proljus.se
www.proljus.se

All technical data including dimensional and weight specifications have been compiled with due care. Errors reserved. Possible colour deviations are due to printing processes. We reserve the right to modify in the interest of progress. Luminaires are partly shown with separately ordered accessories. Images of installations may show custom-manufactured luminaires. This publication was printed on PEFC-certified paper in an environmentally friendly way.

