

**TRILUX**  
SIMPLIFY YOUR LIGHT.

# YONOS

YOUR NEXT OFFICE SYSTEM



# YONOS YOUR NEXT OFFICE SYSTEM

Offices with a future are not only places for concentrated work but also for meeting, stimulation and networking. Yonos is the universal lighting system for such offices – modular, connective and adaptive. Single luminaires, continuous lines and customised structures can be created from base elements and luminaire inserts. High quality of light and a timeless design are the common denominator in sustainable lighting solutions that flexibly adapt to changing usage situations.



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## EASY TO CONNECT THE BASE ELEMENT

A robust aluminium profile with integrated power supply is at the heart of Yonos. As an infrastructure channel with lengths from 650 to 2600 mm, it accommodates luminaire, functional and decorative modules, can be connected together to form linear continuous lines and uses L, T, C and X connectors to create complex structures, either surface-mounted or suspended.

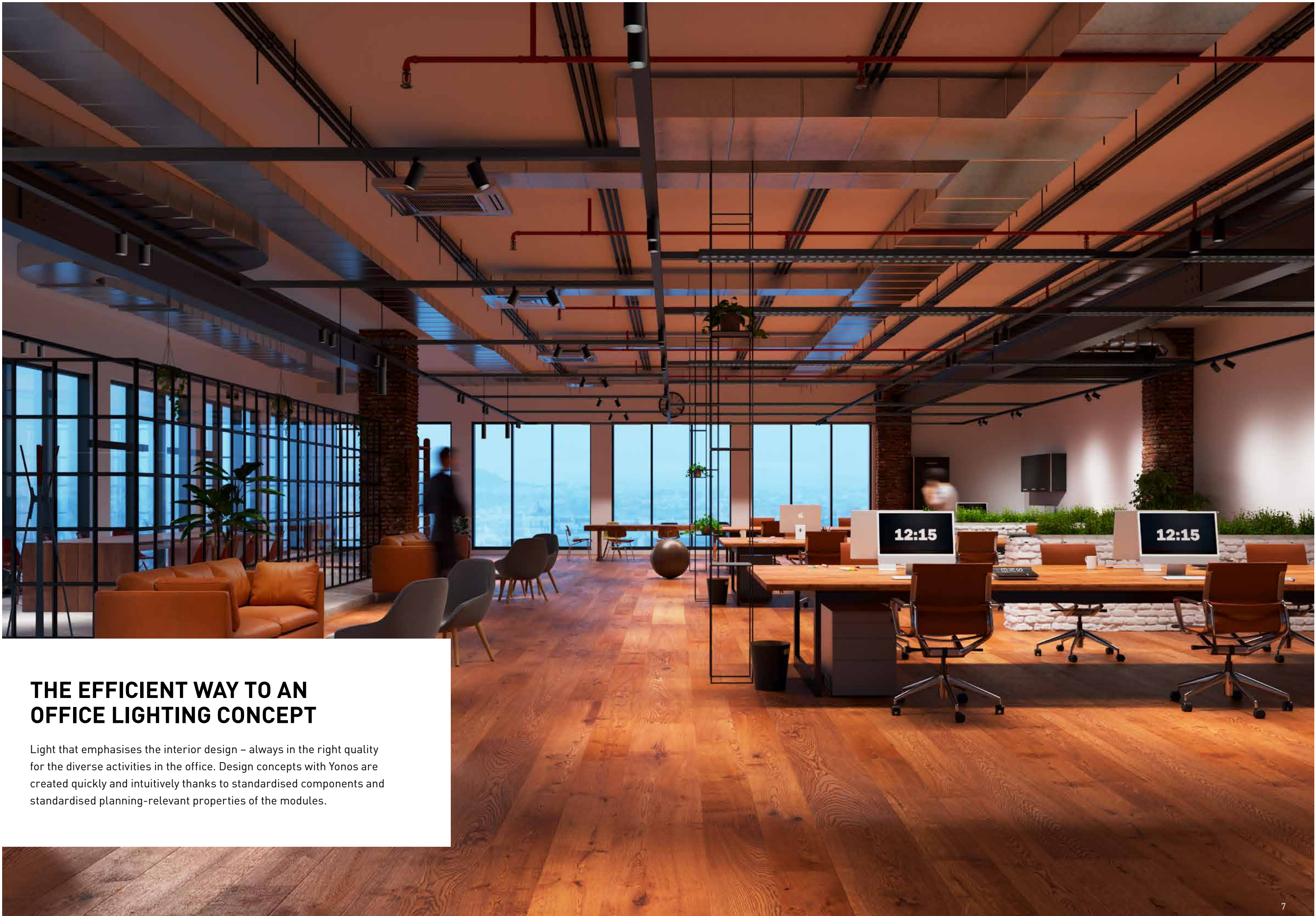
## INTELLIGENTLY DESIGNED BASE ELEMENT

The profile made of high quality aluminium features five to seven conductors for plug-in contacting.

## INTEGRATIVE

All inserts completely enclose the base unit – this distinguishes the appearance from e.g. conventional continuous line systems.





# THE EFFICIENT WAY TO AN OFFICE LIGHTING CONCEPT

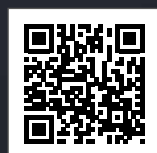
Light that emphasises the interior design – always in the right quality for the diverse activities in the office. Design concepts with Yonos are created quickly and intuitively thanks to standardised components and standardised planning-relevant properties of the modules.





## YONOS PLANNING MADE EASY.

We would be happy to help you plan your Yonos project. The TRILUX service team will be pleased to provide support. If you'd like to do your own planning, the new online configurator makes it easy to plan even complex systems. All data for further planning is quickly generated in just a few clicks.

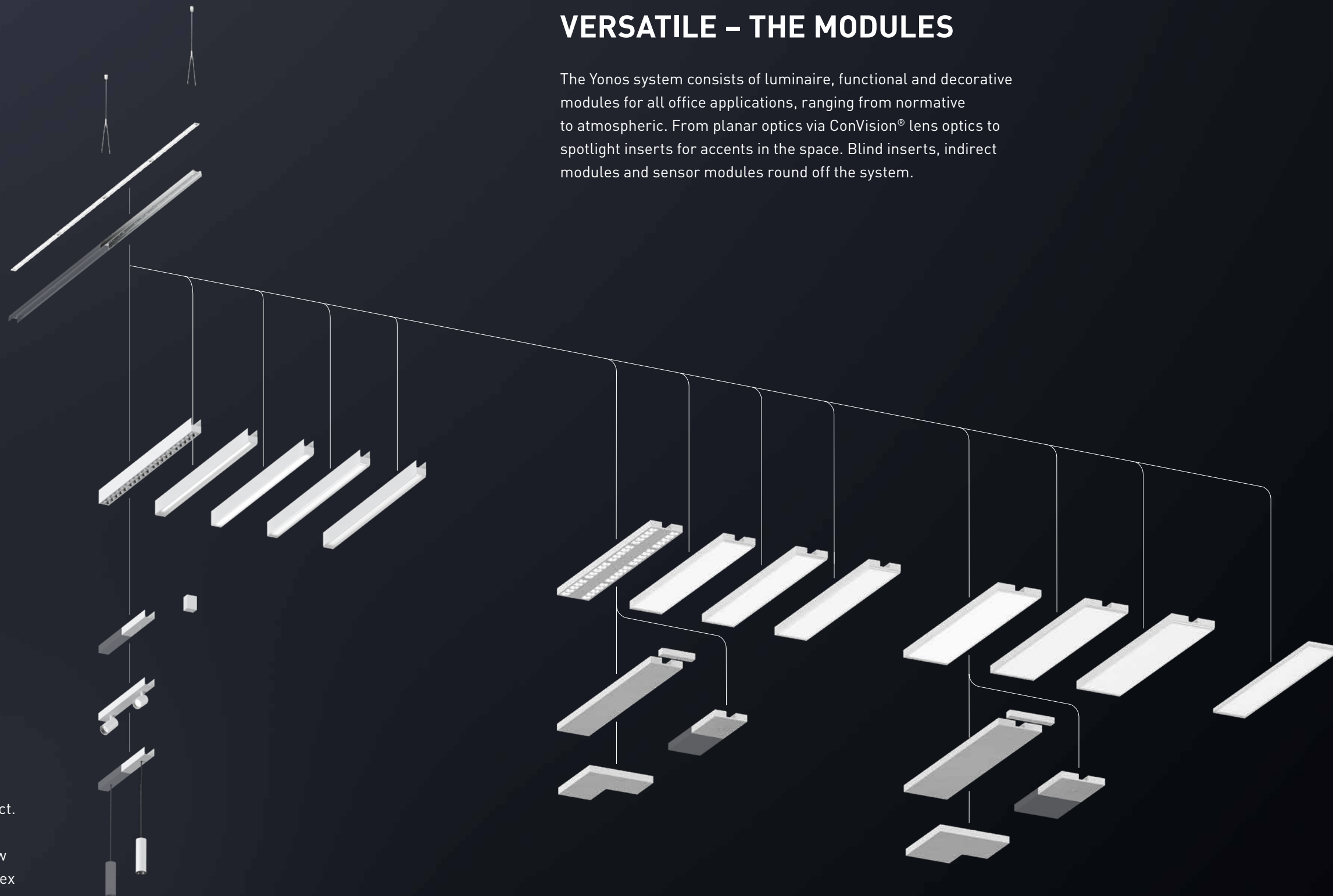


Configure it  
now!

[www.trilux.com/yonos-configurator](http://www.trilux.com/yonos-configurator)

## VERSATILE – THE MODULES

The Yonos system consists of luminaire, functional and decorative modules for all office applications, ranging from normative to atmospheric. From planar optics via ConVision® lens optics to spotlight inserts for accents in the space. Blind inserts, indirect modules and sensor modules round off the system.



### Continuous line (length in mm):

Base element: 650 / 1300 / 1950 / 2600

Light inserts: 650 / 1300

Function modules: 325 / 650 / 1300

### Single luminaire (length in mm):

Base element: 650 / 1300 / 1625

Light inserts: 650 / 1300 / 1625

### Function modules for continuous line applications:

Pendant modules  
Spotlight modules  
Emergency light  
Sensors and light  
management

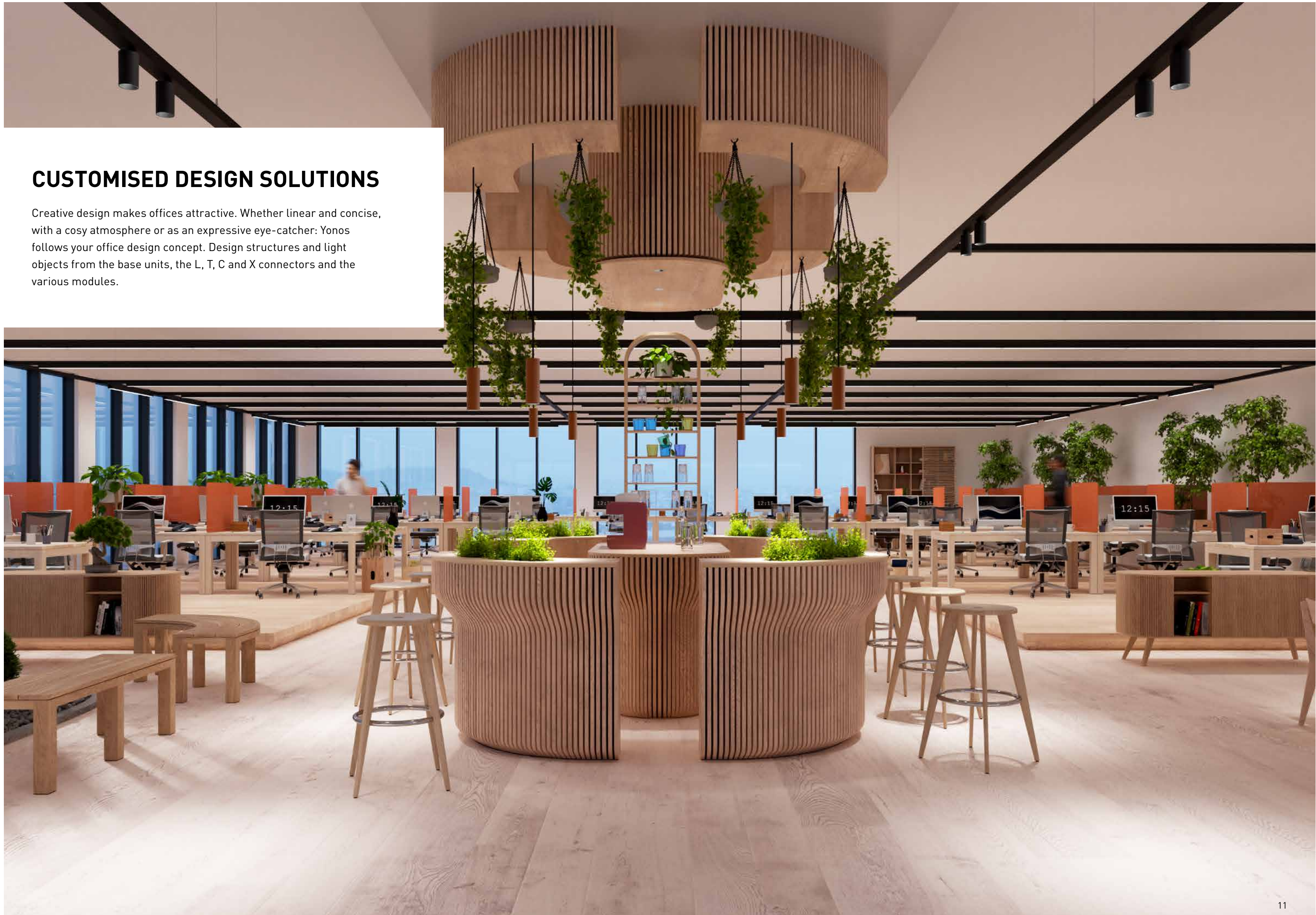
### Function end caps for single luminaires:

Emergency light  
Sensors and  
light management



## CUSTOMISED DESIGN SOLUTIONS

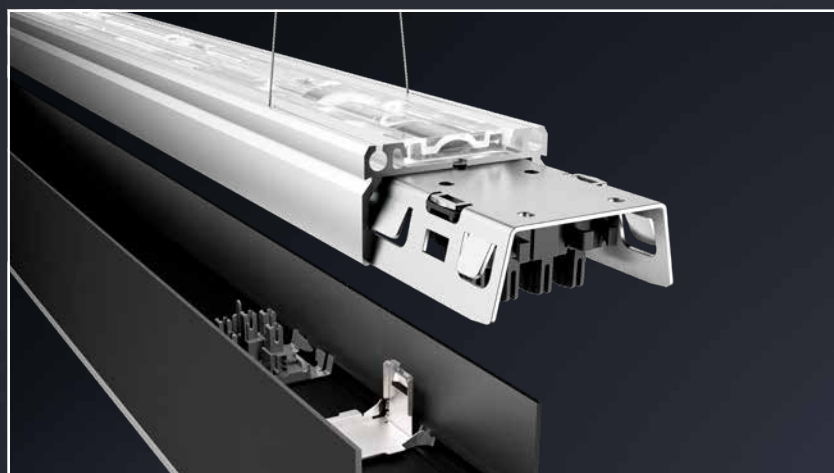
Creative design makes offices attractive. Whether linear and concise, with a cosy atmosphere or as an expressive eye-catcher: Yonos follows your office design concept. Design structures and light objects from the base units, the L, T, C and X connectors and the various modules.





## FLEXIBLE, ADAPTABLE, CONNECTIVE

Yonos promises flexibility over the entire product life cycle: install the base units before the extension work begins, and later coordinate the various modules with the final room- and lighting concept. Your needs have changed? Yonos adapts: structures can be reconfigured and modules can be repositioned or replaced – thanks to taps every 325 or 650 mm.



### CONSISTENTLY WELL THOUGHT-OUT AND TESTED

The modular design enables installation in two stages: first the base unit is installed, then the luminaire inserts are simply snapped into place. The patented catch and proven contacting technology ensure quick, safe and cost-effective installation.

# CONVISION® TECHNOLOGY FROM TRILUX FOR PLEASANT LIGHT

When do we no longer experience light as merely functionally sufficient, but as pleasant? A decisive factor is that the lighting supports visual perception and orientation in the room in a subtle way.

Yonos luminaire modules with ConVision® technology create directional, pleasant light for surfaces and objects with a new sense of three-dimensionality. The optical system consists of two precisely matched elements: the lens for light control and the limiter

for controlling direct glare. Low luminance levels and gentle contrasts at the light emission surface allow the origin of the light to be surmised, and nuanced lighting concepts are made possible through various light distributions in a uniform design. This is a principle that functions equally well with linear continuous lines, single luminaires, spotlights and pendant luminaires. The result is maximum quality of light in the room and ideal visual comfort for people.



CLW19

CLWW

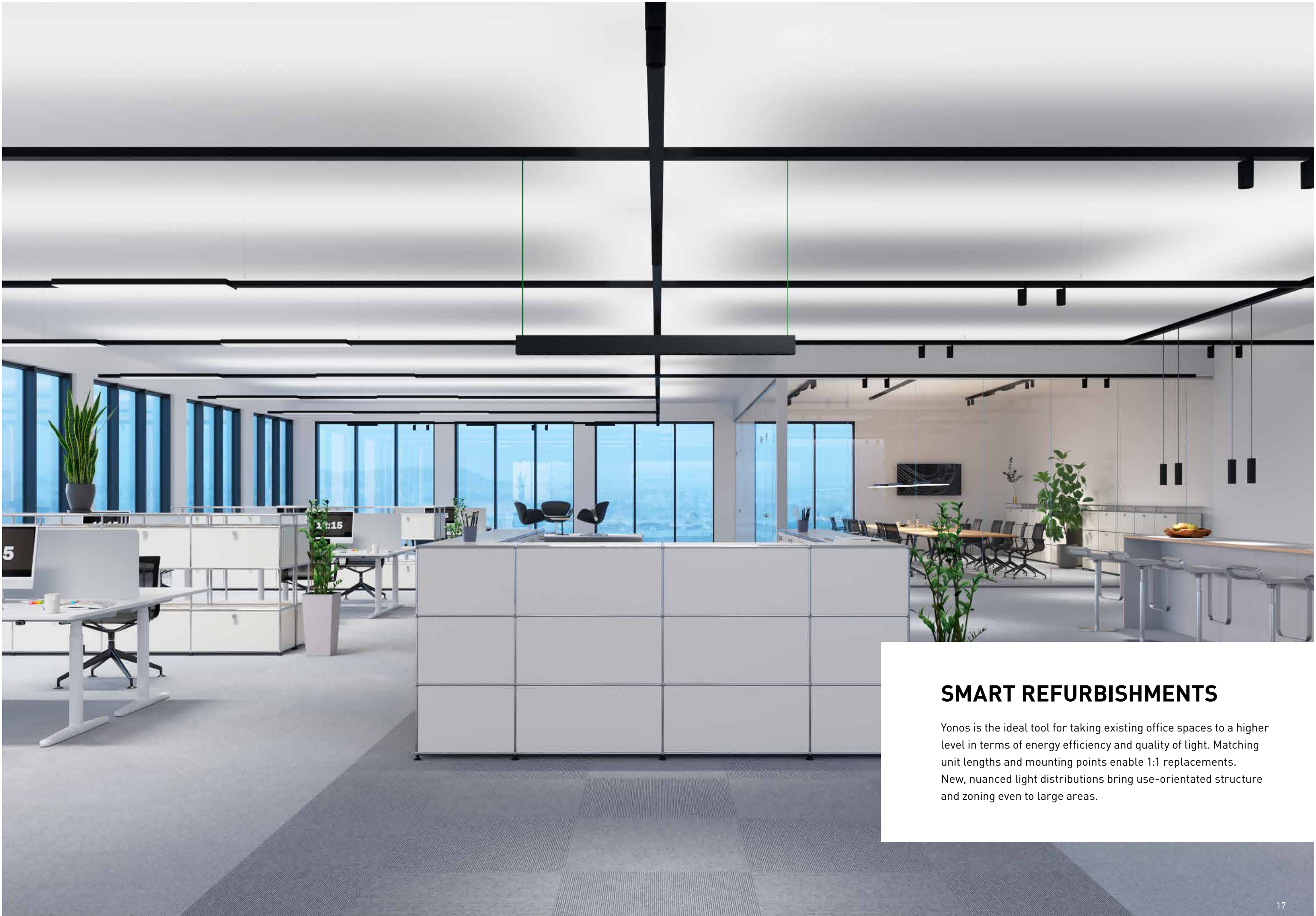
# YONOS OPTICS

ConVision® technology		
ConVision® technology UGR < 16 (CLW16)	ConVision® technology UGR < 19 (CLW19)	ConVision® technology asymmetric (CLWW)
With narrow-wide light distribution, ConVision®. VDU workstation-compliant. UGR < 16. For ceiling heights up to 3 m.	With narrow-wide light distribution, ConVision®. VDU workstation-compliant. UGR < 19. For ceiling heights up to 3 m.	With asymmetric light distribution, ConVision®.

Prismatic				
Prismatic (CDP) Wide UGR < 19 (PW19)	Prismatic (CDP) Wide UGR < 22 (PW22)	Prismatic (CDP) Wide UGR < 19 (PHW19), with drop diffuser	Prismatic (CDP) Narrow UGR < 19 (PN19)	Prismatic (CDP) Asymmetric (PWW)
With narrow-wide light distribution and uniform illumination. VDU workstation-compliant. UGR < 19. For ceiling heights up to 3 m.	With narrow-wide light distribution and uniform illumination. UGR < 22. For ceiling heights up to 3 m.	With narrow-wide light distribution and uniform illumination, protruding. VDU workstation-compliant. UGR < 19. For ceiling heights up to 3 m.	With narrow light distribution and uniform illumination. VDU workstation-compliant. UGR < 19. For ceiling heights up to 4 m.	With asymmetric light distribution.

Diffuser	
Lambertian opal diffuser UGR < 22 (DL22)	Opal diffuser Wide UGR < 19 (DW19)
With Lambertian light distribution and uniform illumination. UGR < 22. For ceiling heights up to 3 m.	With narrow-wide light distribution and partially uniform illumination. VDU workstation-compliant. UGR < 19. For ceiling heights up to 3 m.





## SMART REFURBISHMENTS

Yonos is the ideal tool for taking existing office spaces to a higher level in terms of energy efficiency and quality of light. Matching unit lengths and mounting points enable 1:1 replacements. New, nuanced light distributions bring use-orientated structure and zoning even to large areas.

## INTELLIGENCE INCLUDED

The Yonos system integrates sensors such as daylight and presence detectors as well as control modules. LiveLink light management controls the lighting – with DALI lines integrated in the Yonos infrastructure channel for this purpose. Alternative: wireless Bluetooth®/ Casambi control, ideal for refurbishment projects.



## LIVELINK – QUALITY OF LIGHT AND WELL-BEING VIA LIGHT MANAGEMENT

Maximum quality of light for employees in the office thanks to perfectly harmonised light. With a consistently high CRI 90 colour rendering index and variable light colour as an option for HCL concepts.

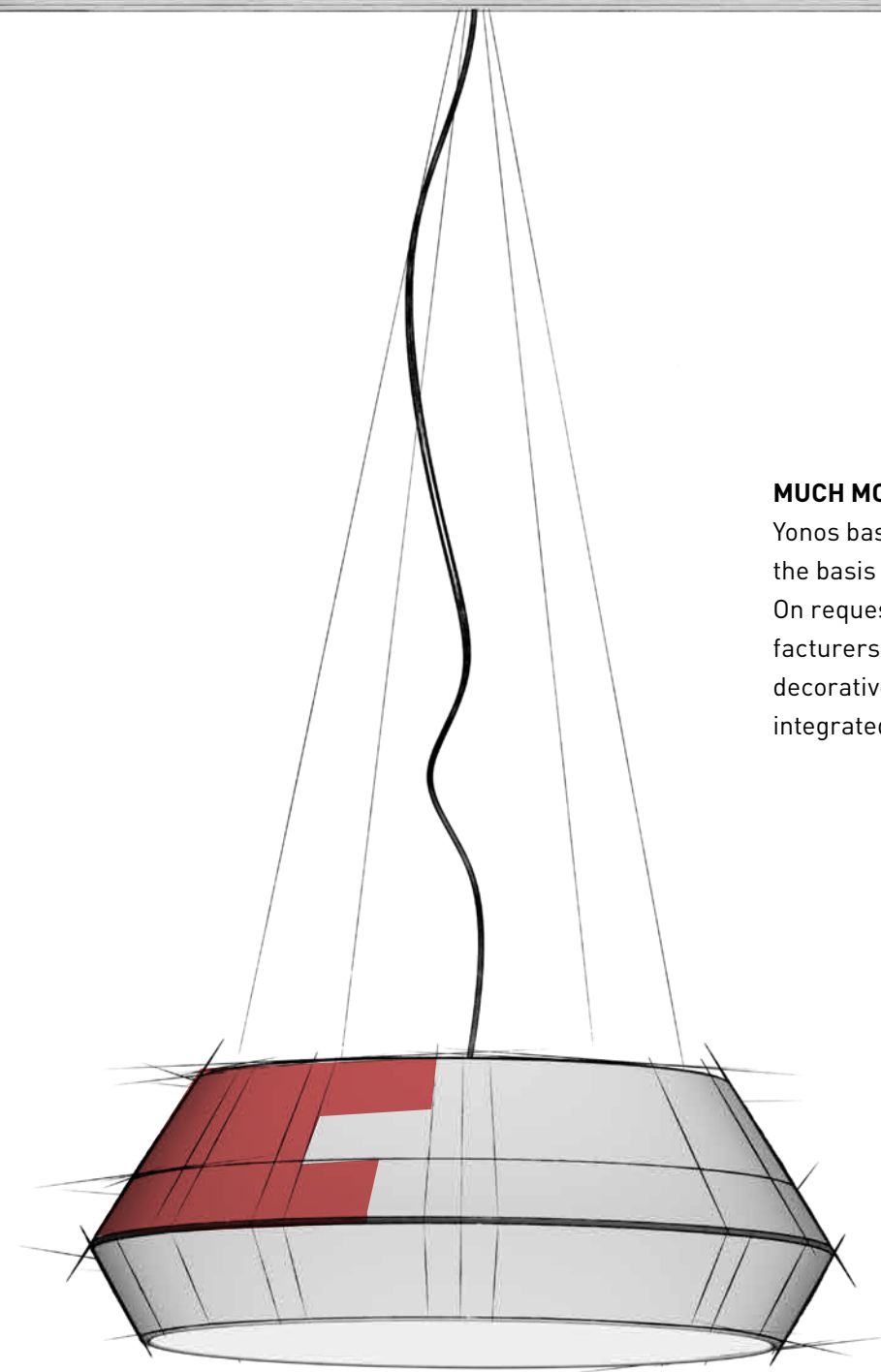




## PROJECT-SPECIFIC SOLUTIONS

Office projects are diverse and often require high levels of creativity. Custom-made products are often part of the solution – as produced by the TRILUX artisan department or by Monolicht,

our Swiss subsidiary. Here high-quality luminaires are made by hand, matched to needs and perfectly integrated into a Yonos lighting system.



ML AURA 1200

### MUCH MORE THAN JUST LIGHT

Yonos base elements not only form the basis for intelligent office lighting. On request, devices from other manufacturers, e.g. sound systems and decorative luminaires, can also be integrated into the installation.

Do you have questions about our custom solutions? Your TRILUX contact partners are happy to help.

# YONOS

## INDIVIDUAL COLOUR DIVERSITY

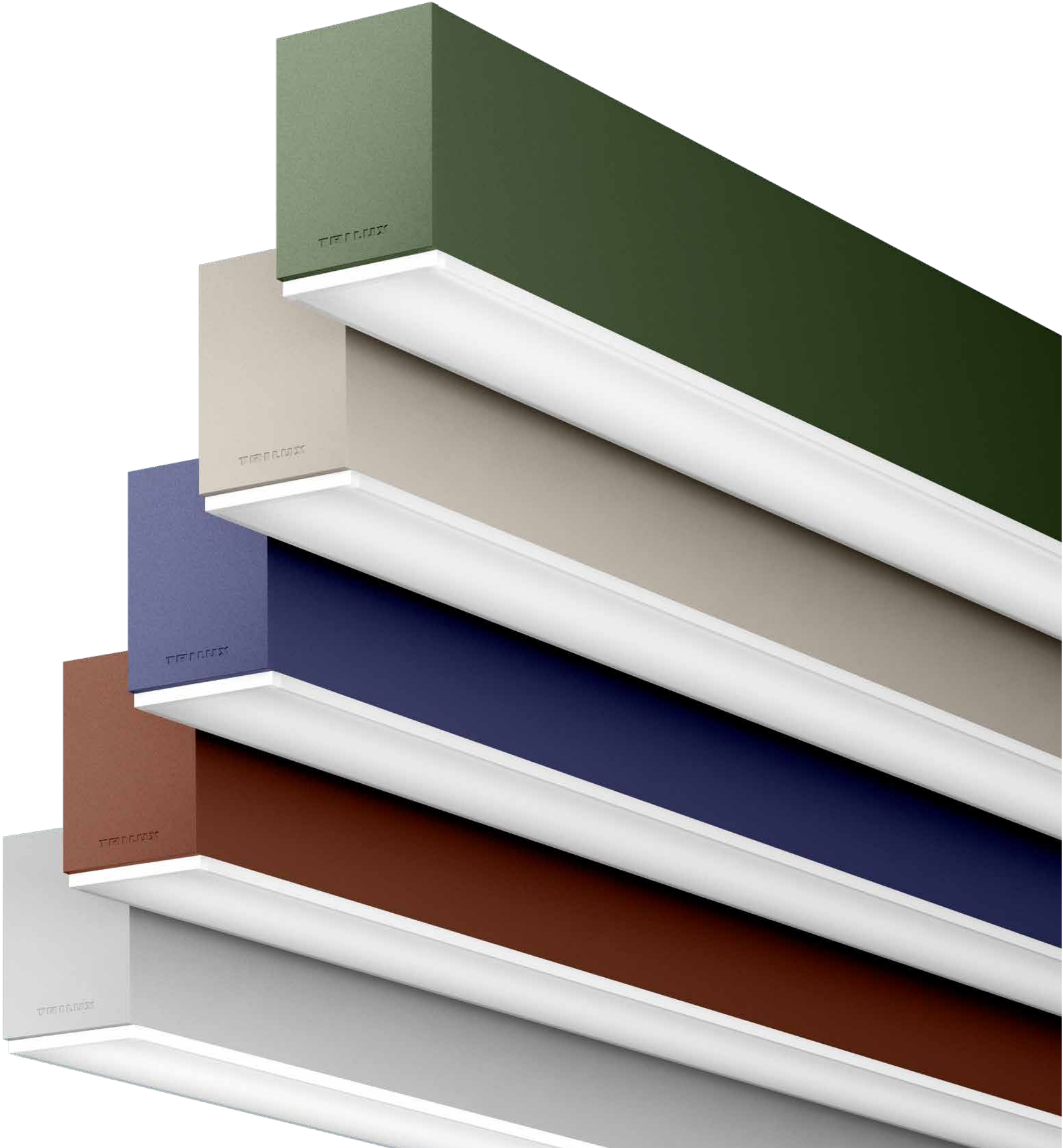
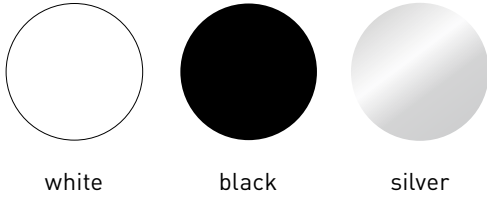
Whether it's a continuous line or single luminaire, Yonos adapts to individual wishes, architectural styles and surrounding colour concepts.

On request, the housing, end caps and limiters of the ConVision® optics can be customised in RAL colours.

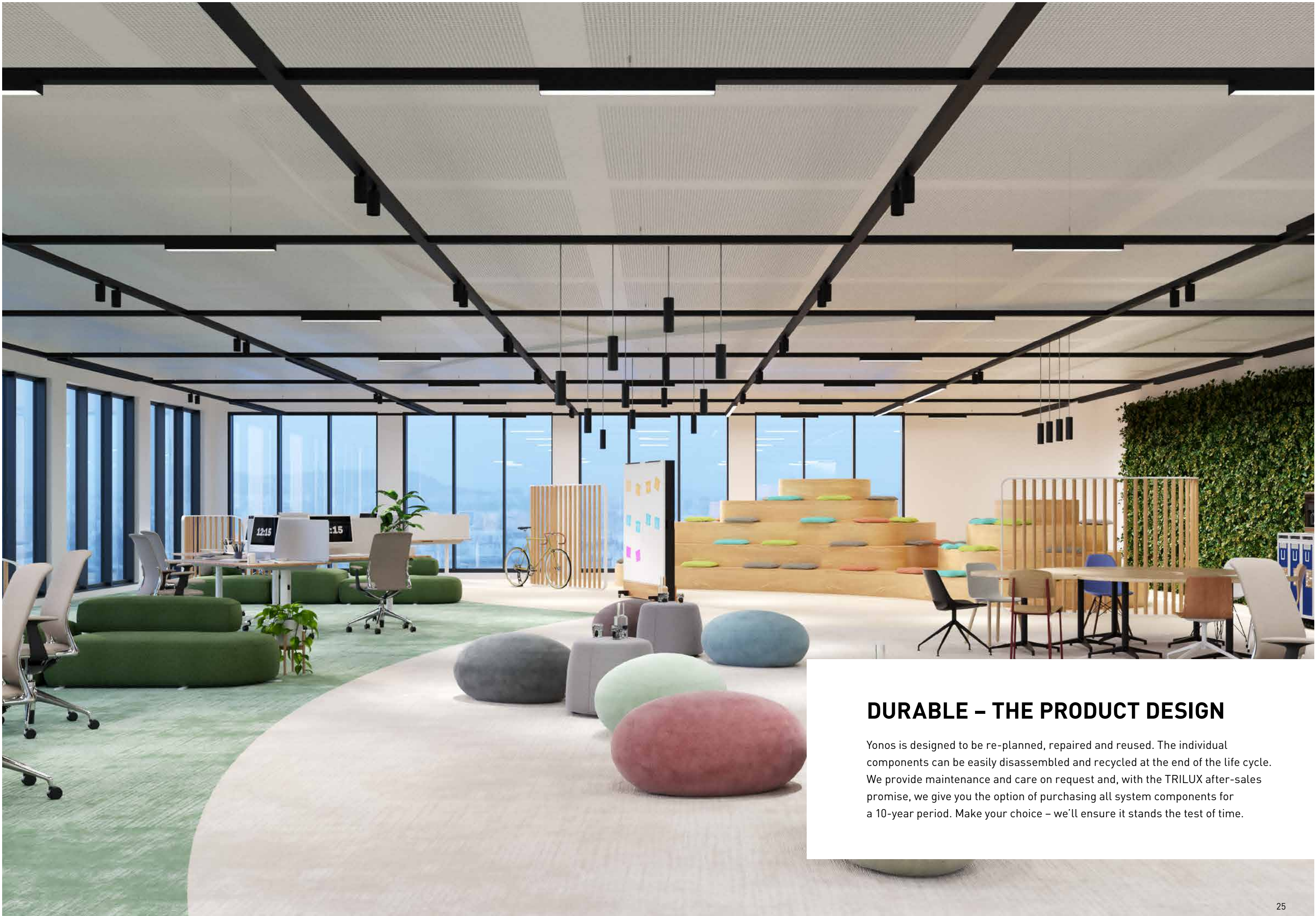
### RAL colour examples



### Standard colours







## DURABLE – THE PRODUCT DESIGN

Yonos is designed to be re-planned, repaired and reused. The individual components can be easily disassembled and recycled at the end of the life cycle. We provide maintenance and care on request and, with the TRILUX after-sales promise, we give you the option of purchasing all system components for a 10-year period. Make your choice – we'll ensure it stands the test of time.





### THE TRILUX EXTENDED AVAILABILITY PROMISE

To help plan a sustainable building, we give you the TRILUX extended availability promise. This enables you to continue purchasing all components of the Yonos system from us for ten years after purchase. For spare parts (e.g. LED modules, LED control gear units and optics) this extends to 15 years.



**The TRILUX extended availability promise** Long-lasting solutions for more sustainability in the electrical industry

Find out more at: [www.trilux.com/extended-availability-promise](http://www.trilux.com/extended-availability-promise)



### TIME-SAVING INSTALLATION

- The patented catch enables electrical and mechanical connection of the base element and luminaire module in a single work step.

### FIT FOR THE FUTURE

- The modular system remains flexible and adaptive over its entire service life.
- Luminaire inserts and other modules can be detached from the base element and repositioned in just a few simple steps.

### MATERIAL QUALITY AND MATERIAL ECONOMY

- Durable aluminium with high recyclability
- Base element is non-coated to conserve resources
- No superfluous materials such as cable harnesses in individual luminaires

### REPAIRABILITY

- Light inserts, LED modules, optics and drivers can be separately replaced with little effort – even decades later.

### HIGH EFFICIENCY FOR GREATER SUSTAINABILITY AND COST EFFICIENCY

- Highly efficient lighting technology with up to 190 lm/W
- Can be integrated into DALI-based or radio-based light management systems for even higher energy savings

### DISMANTLING CAPABILITY

- All system components can be quickly and easily disassembled
- Good recyclability thanks to separability of components and materials used

### RECYCLABILITY

The main components of the system are made of high-quality aluminium which, once produced, can be recycled with almost no quality losses. Lack of coating for the base element saves resources and reduces the ecological footprint. The connections of the individual electrotechnical components are designed so that these can be separated during recycling and fed into the appropriate material streams.

### CARBON FOOTPRINT DURING PRODUCTION

With Yonos, we want to reduce the carbon footprint along the entire product life cycle. The product design is geared towards resource-saving procurement and production from the very start. The modular kit design minimises transport costs and reduces the space required for storage. We manufacture Yonos at a TRILUX production site in Germany, thus guaranteeing short delivery routes in the EU.

### CARBON FOOTPRINT IN OPERATION

The extremely efficient LED lighting technology can be further enhanced by using intelligent light management systems. Yonos is light management-ready and designed for automated light control via LiveLink and Casambi. That means: artificial light only when it's needed and only as much as needed. With high efficiency and automated lighting control, Yonos thus becomes a building block for sustainable building certification such as BREEAM or DGNB (German Sustainable Building Council).

At TRILUX, we work to achieve responsible, holistic processes and consider sustainability in all its facets. The latest TRILUX Sustainability Report informs about our commitment.



Find out more at: [www.trilux.com/sustainability](http://www.trilux.com/sustainability)



# YONOS

## FEATURES

## AT A GLANCE

### MODULAR SYSTEM

Single luminaires, lines and structures are created from the base units and various lighting, functional and decorative modules.

### EXTREMELY EASY TO MOUNT

The concept enables partial mounting and inserts are inserted and removed without tools.

### WELL-DESIGNED BASIS PROFILE

The profile made of high-quality aluminium provides 5 to 7 conductors for plug-in contacting.

### HIGHLY EFFICIENT LIGHTING TECHNOLOGY

With up to 190 lm/W, Yonos features state-of-the-art efficiency for energy-saving office lighting.

### WIDE RANGE OF OPTICS

Right from the start, the wide selection of luminaire inserts meets the needs of all office applications, from standard-compliant to atmospheric. If desired, the indirect light component remains continuous.

### CONSISTENT DESIGN

The aluminium profile has flawless elegance – thanks to precisely shaped edges. They make the lighting system the common denominator for a consistent office design: timeless, concise and functional.

### INTEGRATIVE

All inserts completely enclose the base unit – this distinguishes the appearance from e.g. conventional continuous line systems.

### INDIVIDUAL SOLUTIONS

The elements of the system are used to create customised structures and light objects, with many options for project-specific individualisation on request.

### RETROACTIVELY ADAPT AND CHANGE

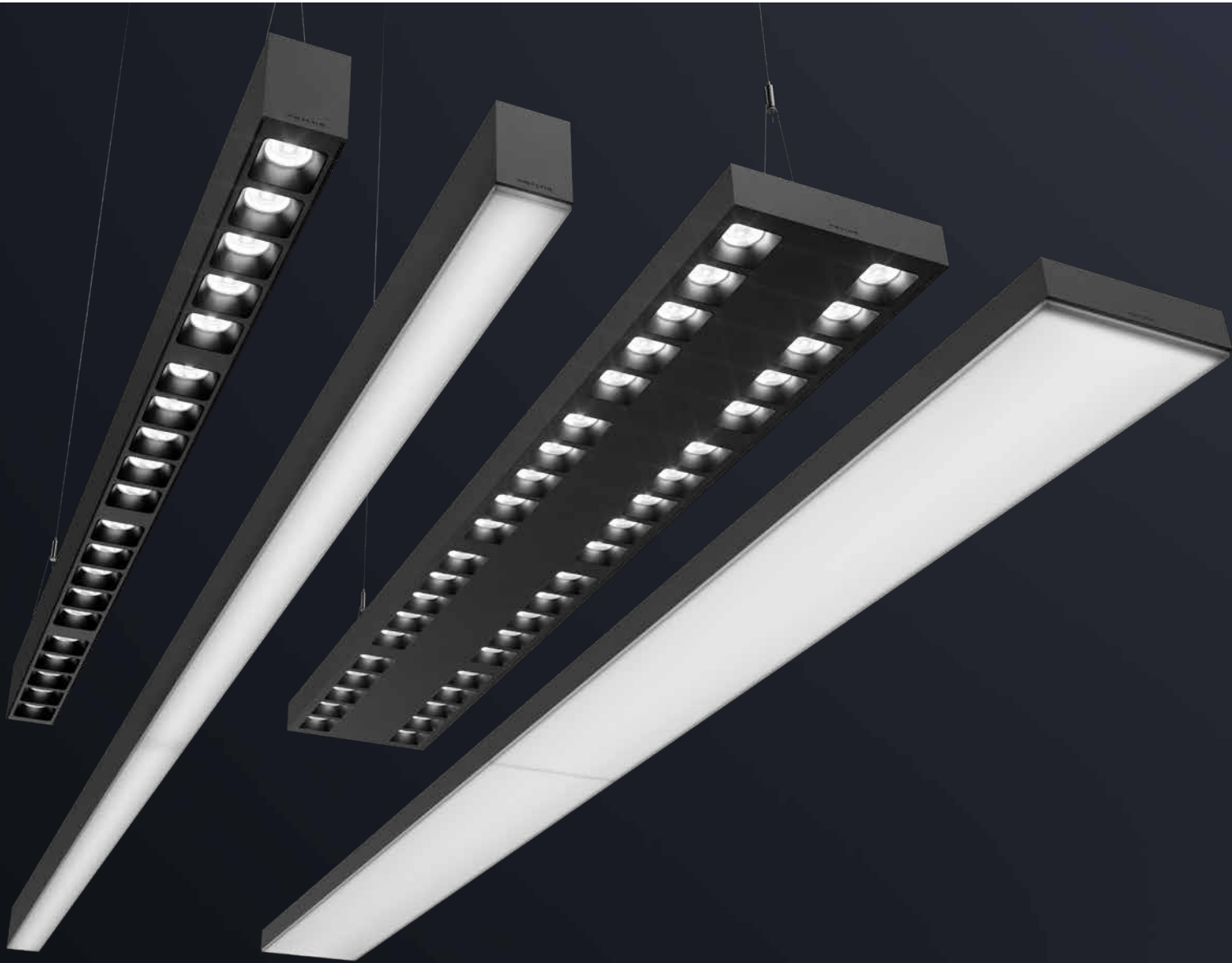
Yonos stays flexible and adaptive over its entire service life. If the room concept changes, the light adapts: luminaires can be easily repositioned and replaced.





















### SMART AND CONNECTED

Digital interfaces for light management such as LiveLink are included or can be retrofitted if required, and sensor inserts are part of the system. Further options: the integration of emergency lighting or wireless control via Bluetooth® or Casambi.

### SUITABLE FOR REFURBISHMENTS AND NEW BUILDINGS

With lengths from 650 mm to 2600 mm and taps every 325 mm or 650 mm, Yonos base units are just as suitable for 1:1 refurbishments as they are for installing in new construction projects.



	<b>Mounting method</b> Surface-mounted/suspended
	<b>Widths</b> Luminaire inserts: 67 mm, 220 mm surface-mounting only: 312.5 mm
	<b>Lengths of luminaire inserts</b> Continuous line: 650 mm, 1,300 mm Single luminaire: 650 mm, 1,300 mm, 1,625 mm
	<b>Lengths of functional and decorative inserts</b> 325 mm, 650 mm
	<b>Glare reduction</b> According to the optical system: Directional with ConVision®: UGR<16 or UGR<19 Planar with prismatics: UGR<19 or UGR<22 Planar with opal: UGR<22
	<b>Optics</b> 3 ConVision® optics 5 prismatic optics 2 opal optics
	<b>Beam pattern Direct</b> Wide, Narrow, Wallwasher
	<b>Beam pattern Indirect</b> Extreme Wide
	<b>Direct/indirect ratio</b> 70/30, 80/20, 90/10, 50/50, 0/100
	<b>Energy efficiency</b> up to 190 lm/W
	<b>Individually configurable luminous flux packages</b> 1,500 lm to 10,000 lm
	<b>Colour rendering   Light colour</b> Ra > 80, Ra > 90   warm white, 3000 K neutral white, 4000K tunable white: 2700 K - 6500 K
	<b>Service life</b> L90 (tq25 °C) = 50,000 h
	<b>Housing colour</b> white 01 (similar to RAL 9016), silver 03 (RAL 9006), black 05 (RAL 9005), other colours on request
	<b>Wiring (through-wiring)</b> 5-pole or 7-pole
	<b>Electrical version</b> switchable and DALI dimmable (DD) switchable and dimmable via radio (RF)
	<b>Tap distances</b> 325 or 650 mm
	<b>Protection rating on room side</b> IP20
	<b>Connectors</b> L, T, C and X-connectors
	<b>Further features</b> Spotlight-, pendant luminaire-, sensor-, light manage- ment-, emergency lighting- and blind module inserts

# CONTACTS

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Yonos is a growing system. The images in this brochure provide an overview. The first components are planned for sale in October 2024.

All technical data including dimensional and weight specifications have been checked carefully. Errors excepted. Possible colour deviations are due to printing processes. We reserve the right to modify in the interest of progress. Luminaires are partly shown with accessories that must be ordered separately. Images of installations may show custom manufactured luminaires. Printed on PEFC-certified paper in an environmentally friendly way.



