

# IDOO.LINE DOTOO.LINE



ENGINEERS OF LIGHT

LIGHT-LINE SYSTEM

ENG

Waldmann



These Button leads  
back here



Clicking on a headline  
leads directly to the page

1

...

2

...

3

...

4

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# DESIGN

A modern classic that combines both the highest aesthetic and technically innovative demands for modern office planning. One system, one design language for individual design of numerous applications via continuous LED lines.

# IDOO

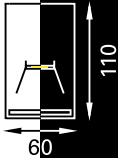
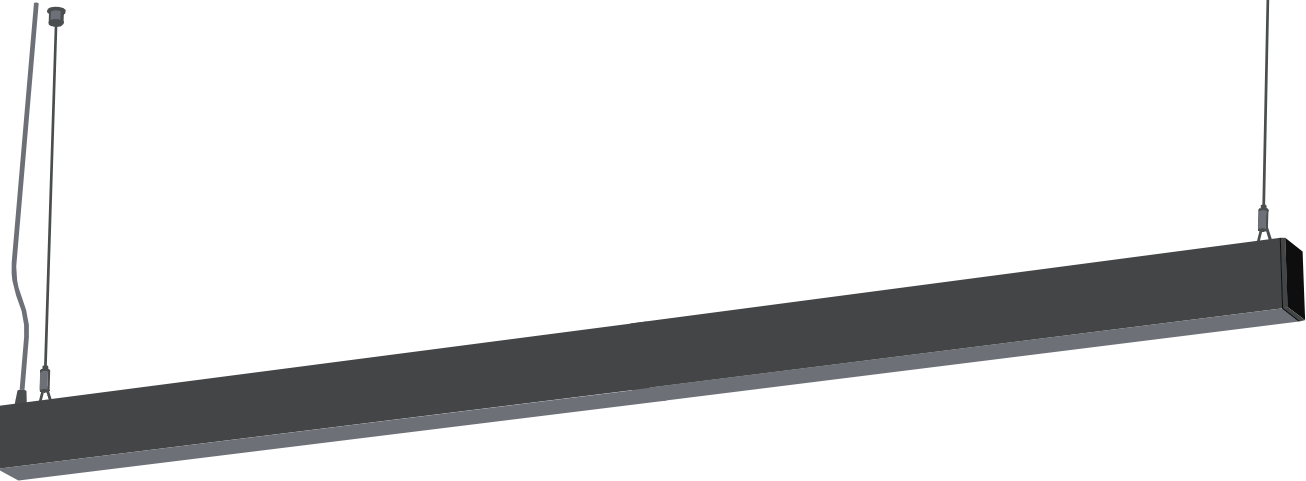
Indirect/direct distribution

# DOTOO

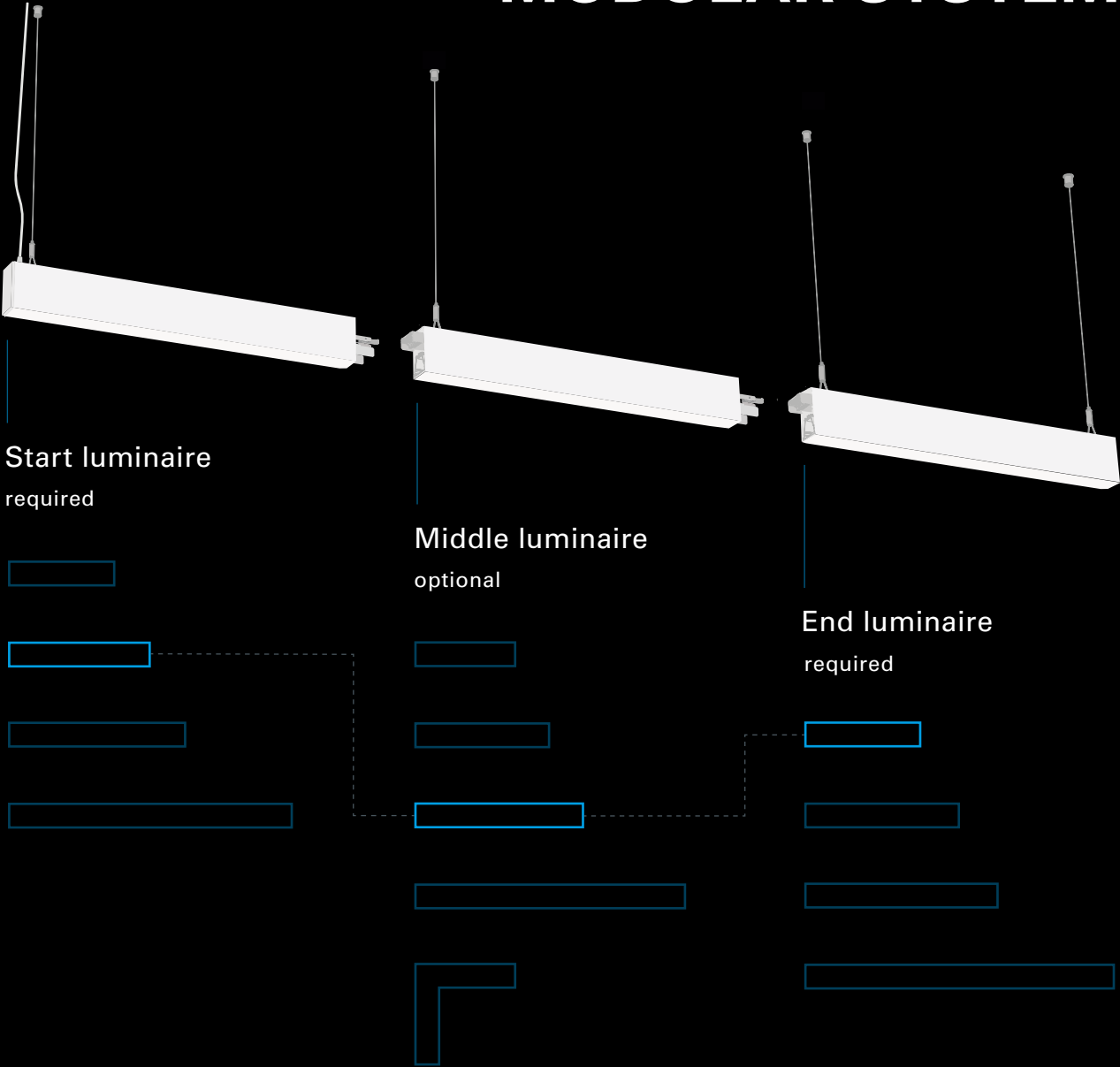
Direkt distribution



# SINGLE LUMINAIRE



# MODULAR SYSTEM



Whether linked or single, IDOO or DOTOO;  
Start, middle and end luminaires in four lengths,  
to complete a modular system.

Overall length

854 mm

SINGLE LUMINAIRE  
854 mm

1134 mm

SINGLE LUMINAIRE  
1134 mm

1414 mm

SINGLE LUMINAIRE  
1414 mm

1696 mm

START LUMINAIRE 848 mm  
END LUMINAIRE 848 mm

1976 mm

START LUMINAIRE 1128 mm  
END LUMINAIRE 848 mm

2256 mm

SINGLE LUMINAIRE  
2256 mm

2536 mm

START LUMINAIRE 1408 mm  
END LUMINAIRE 1128 mm

2816 mm

START LUMINAIRE 1408 mm  
END LUMINAIRE 1408 mm

3098 mm

START LUMINAIRE 2250 mm  
END LUMINAIRE 848 mm

3378 mm

START LUMINAIRE 2250 mm  
END LUMINAIRE 1128 mm

3658 mm

START LUMINAIRE 2250 mm  
END LUMINAIRE 1408 mm

3940 mm

START LUMINAIRE 2250 mm  
MIDDLE LUMINAIRE 842 mm  
END LUMINAIRE 848 mm

4220 mm

START LUMINAIRE 2250 mm  
MIDDLE LUMINAIRE 1122 mm  
END LUMINAIRE 848 mm

⋮  
max

17964 mm

START LUMINAIRE 2250 mm  
MIDDLE LUMINAIRE 6 x 2244 mm  
END LUMINAIRE 2250 mm

2800 mm

The individual parts to make up the modular system adapt to the room's layout. A total length of 18m is possible from one electric feed, and can even include 90° corners.





# LIGHTING CONCEPT

Freedom of design for your lighting concept. The ability to create atmosphere as well as provide optimal zone-dependent lighting, thanks to highly developed lighting technology - vertical or horizontal, ambient or directional.







# APPLICATION



Click to shine a light.

■ Break-Out-Zone

■ Meeting

■ Office

■ Reception

■ Corridor and stairs



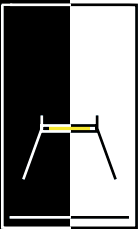
CDP



# LIGHTING TECHNOLOGY

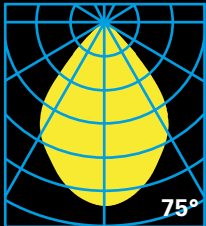
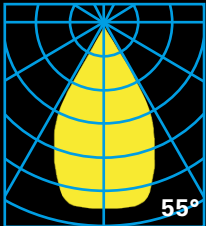
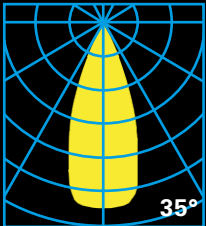


CDP  
Conical De-glaring Prism

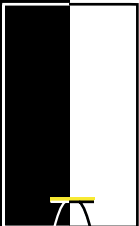


**Suitable for office workplace lighting compliant with standards.**

The conical prismatic cover in combination with a light-directing film ensures optimum glare control, uniform light distribution and a homogenous light pattern on the luminaire's surface.

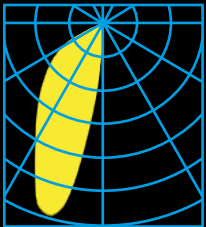


MD  
Micro-Downlight

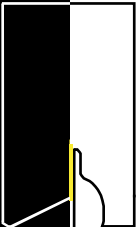


**Suitable for the accenting of selected room areas.**

The complex geometry of the micro-facets in the downlights enables precise shaping of the light beam. The angles of the direct and the reflected light beams are perfectly aligned with each other and ensure an accurate beam of light.



WW  
Wall Washer



**Suitable for uniform illumination of large vertical wall surfaces.**

The complex geometry of the microfacets in the reflectors enables a high level of uniformity even from the light point's mounting height, and precise light control to avoid glare.





# LIGHTING TECHNOLOGY

WW

CDP

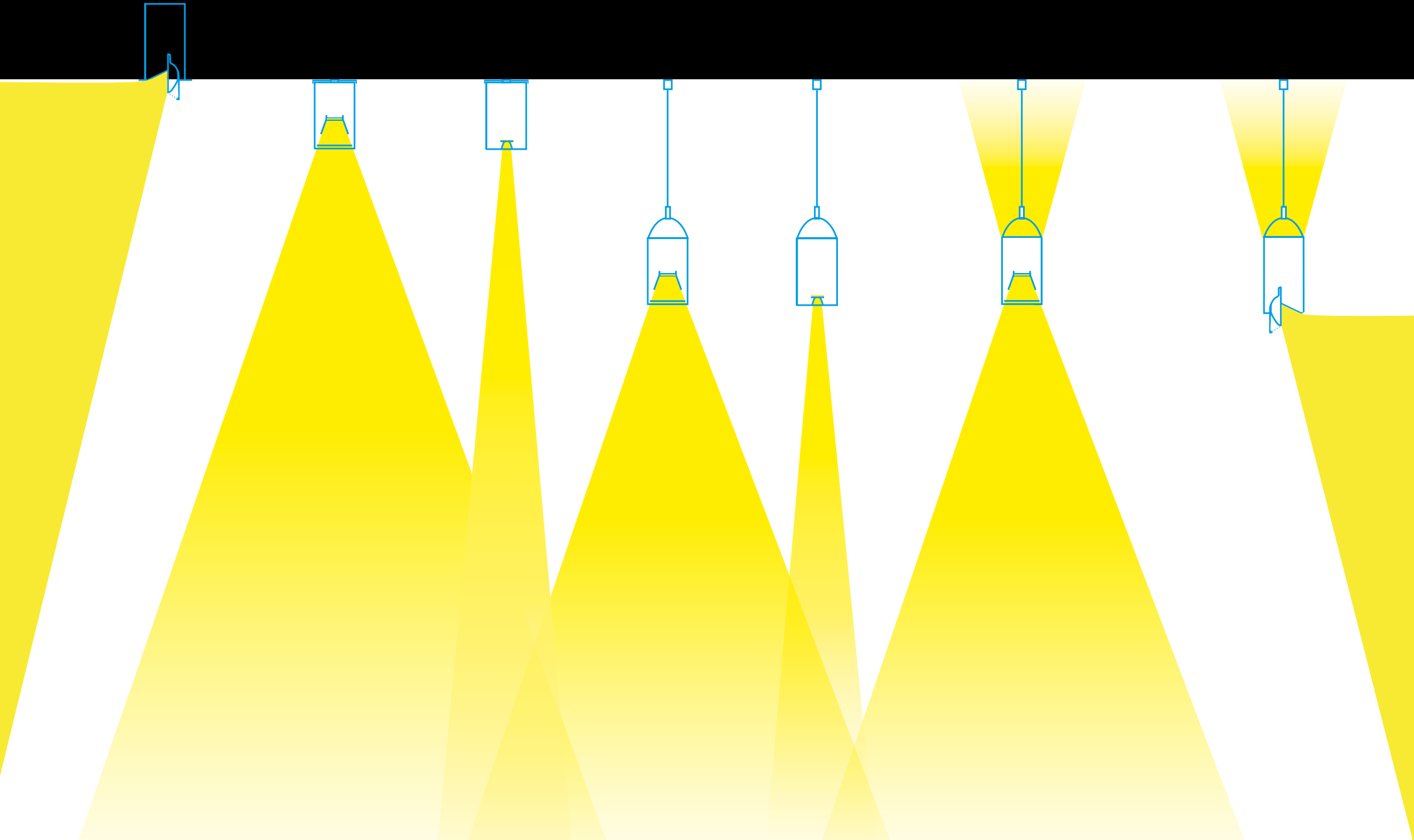
MD

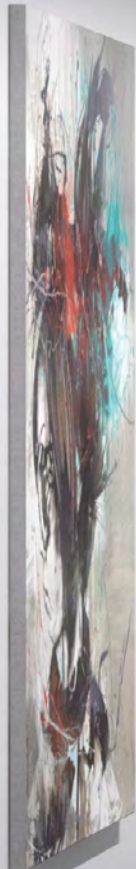
CDP

MD

CDP

WW





MD  
I

WV  
I





# LTX-Ceiling sensor KIRK

## Optimally used office space

The data from the sensor is the basis for the analysis of office use and the measurement of environmental parameters.



## Light management for room illumination

Luminaires connected via DALI are controlled by the ceiling sensor.

## The best working conditions

Environmental parameters such as air quality and noise levels are displayed, based on threshold values, via the LEDs on the ceiling sensor.



## Healthy light

VTL control for biodynamic light that optimally harmonises the visual, emotional and biological effects of lighting.



## Convenient adjustment via app

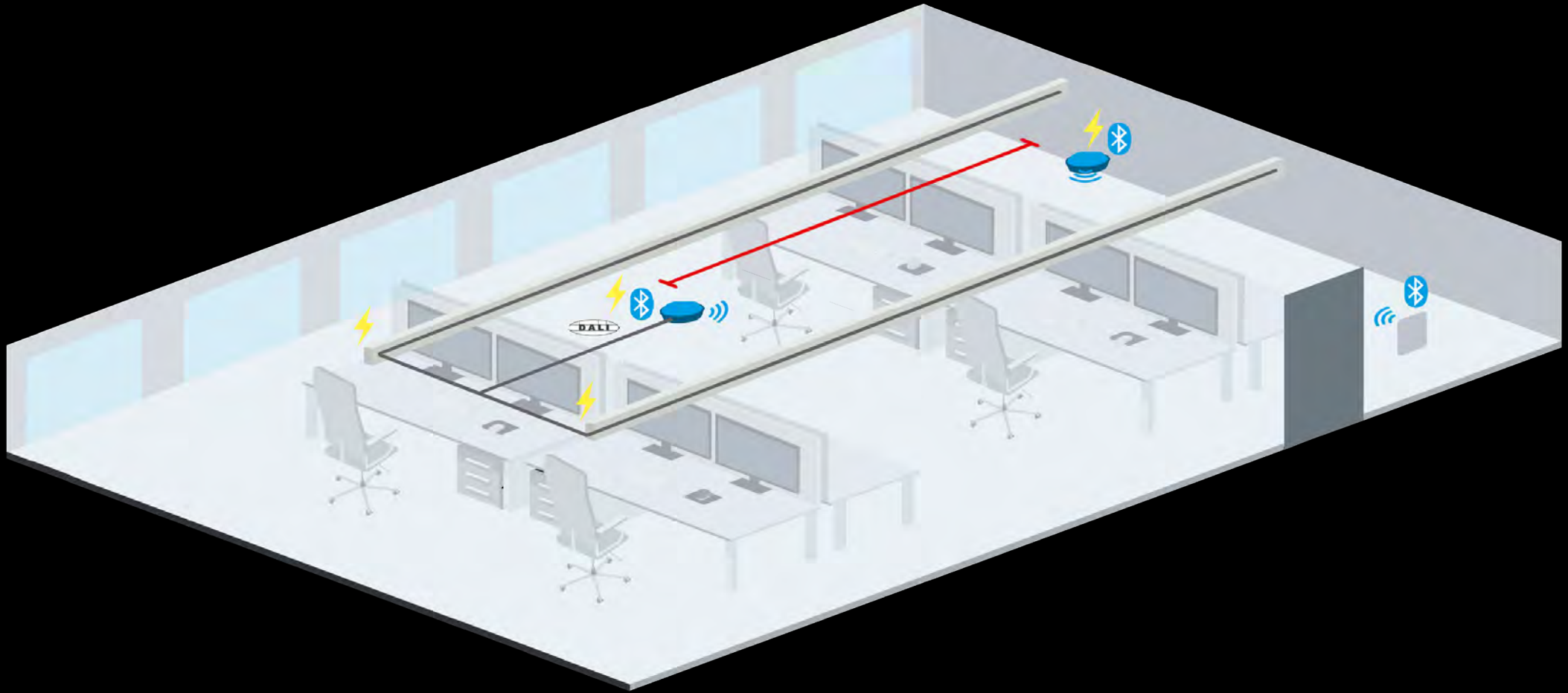
With the Waldmann App the sensor can be easily configured and set for operation.



## Light environment to feel good in

The system uses swarm control to create zonal lighting, and allows the luminaires to communicate with each other.

# LTX-Ceiling sensor KIRK



Bluetooth,  
15 m reach



Mains voltage



DALI-Control



LTX-Ceiling sensor  
4x4 m Detection range



Radio wall transmitter



max. 15 m Distance

# VTL



//

## WE GIVE PEOPLE BACK WHAT IS TAKEN AWAY FROM THEM IN THE OFFICE. //


Prof. Dr. med. Dipl. Ing. Herbert Plischke  
Professor of Light and Health

- Constant luminous flux in the colour temperature range 2,700 K - 6,500 K
- Consistent colour temperature across all dimming levels
- CRI  $\geq 90$  with R9  $\geq 70$
- $m_{v, mel, D65} 0,70$   
(DIN SPEC 5131-100 (2015)/ DIN SPEC 67600)

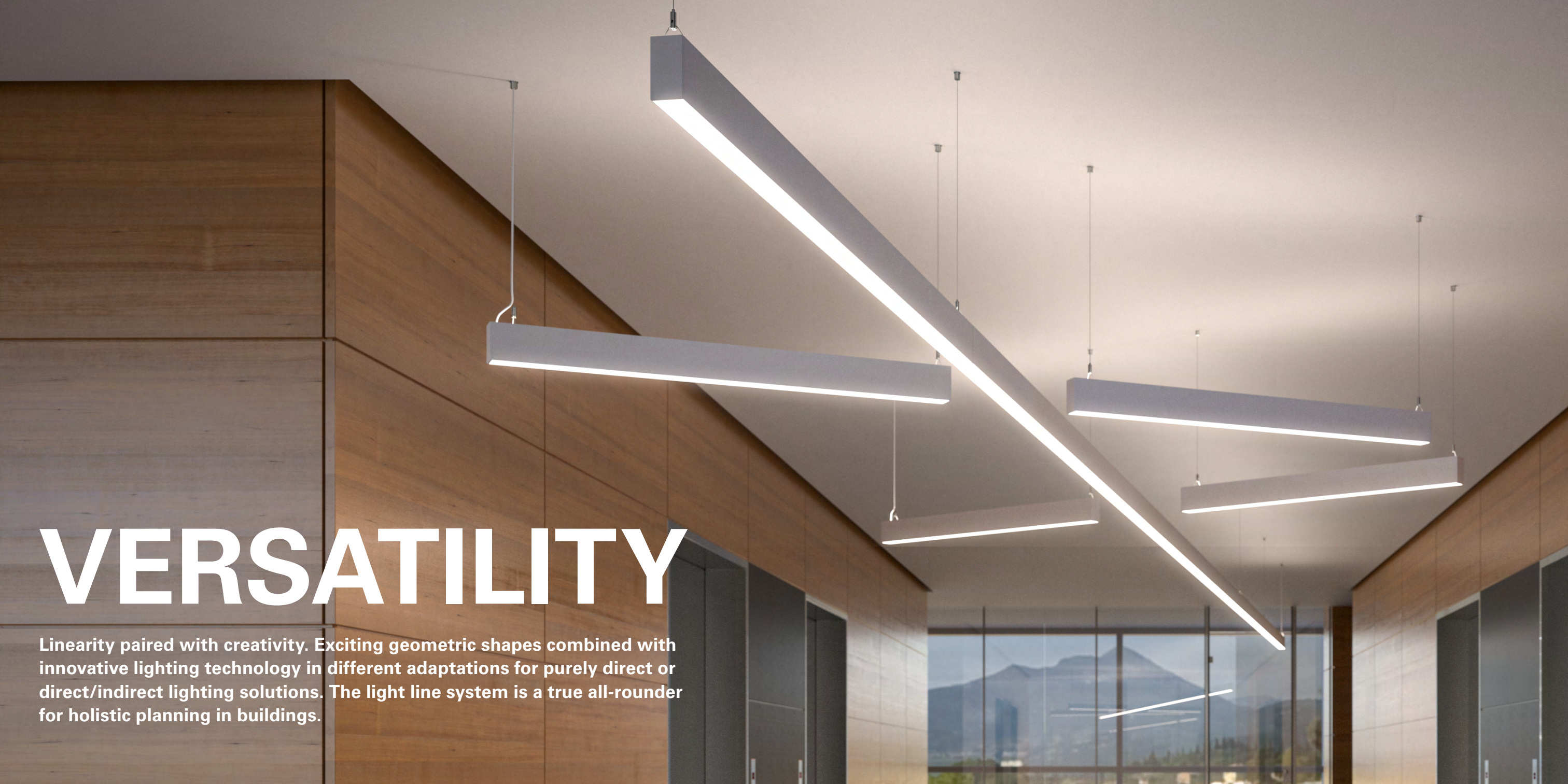
Visual Timing Light (VTL) brings the dynamics of natural daylight into the interior of a building and expands the emotional and ergonomic aspects of lighting quality through the non-visual effect of light. This directly promotes people's health, well-being and performance. The extent to which light has a non-visual effect depends largely on the colour temperature, illuminance and timing.

Equipped with VTL, the IDOO.line changes intensity and colour temperature according to the natural course of daylight or working hours. A control curve defined according to scientific findings and decades of experience is given to the luminaire by an on-site DALI Device Type 8 controller. In combination with the LTX ceiling sensor, commissioning is extremely simple: Plug & Light! The sensor is programmed at the factory and controls the luminaires. Additionally, it optimises the energy balance through intelligent lighting management.

#fightingbiologicaldarkness

% ↑  Color temperature  
t →



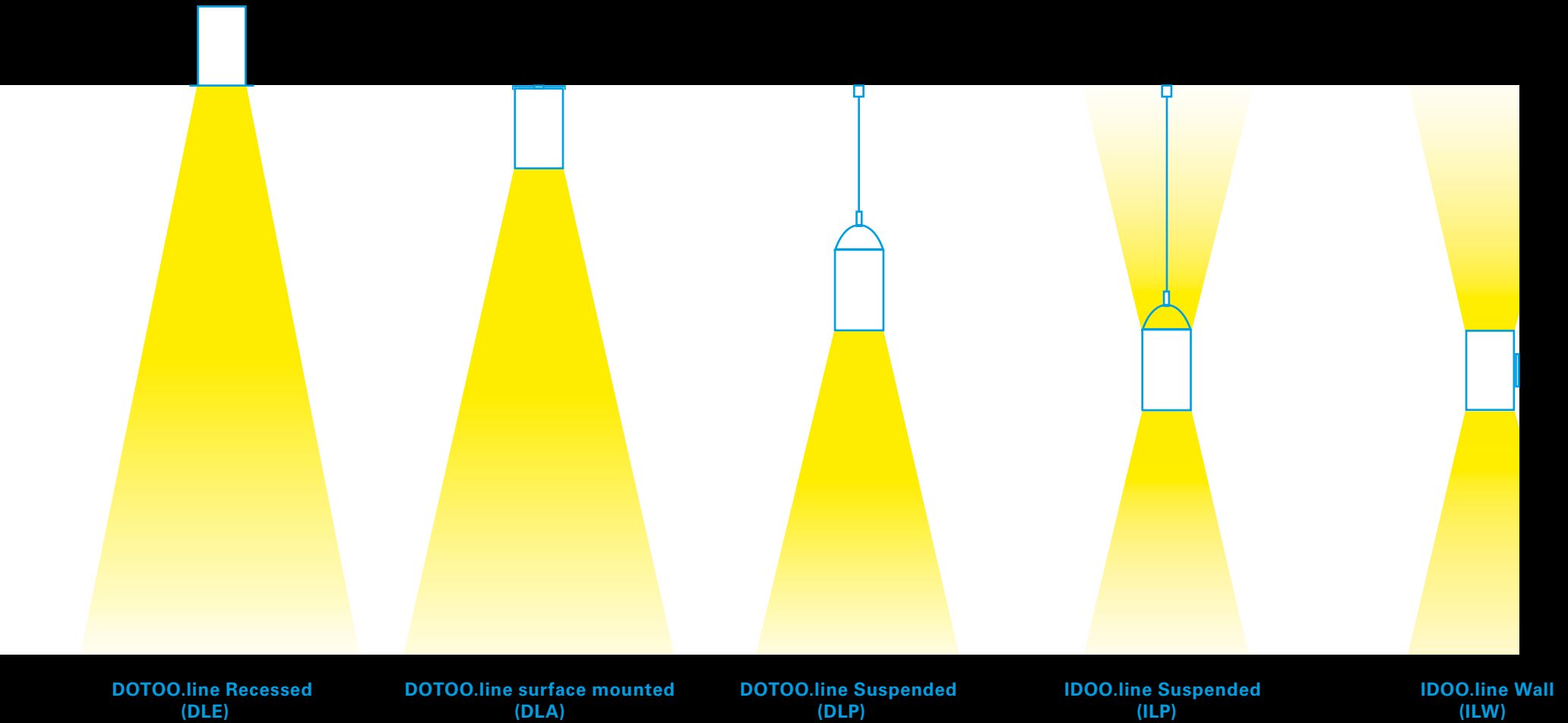


# VERSATILITY

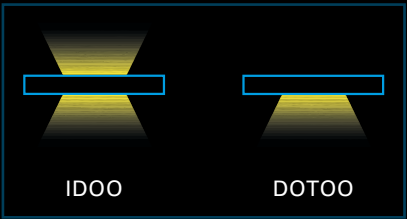
Linearity paired with creativity. Exciting geometric shapes combined with innovative lighting technology in different adaptations for purely direct or direct/indirect lighting solutions. The light line system is a true all-rounder for holistic planning in buildings.



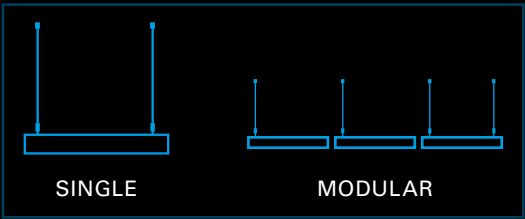
# ADAPTATION TYPE



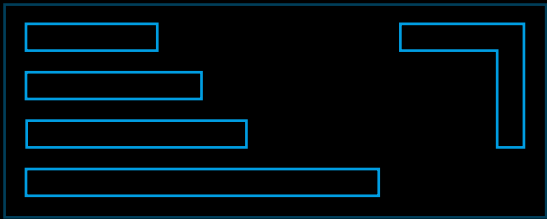
# SYSTEM OVERVIEW



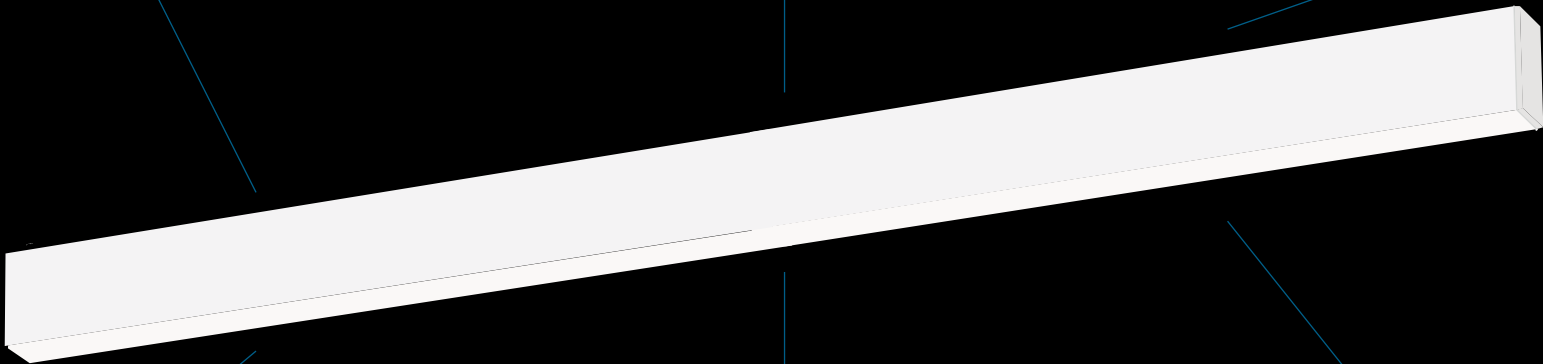
LIGHT DISTRIBUTION



CONFIGURATION

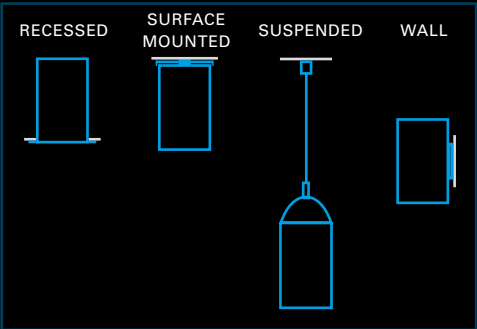


LENGTH

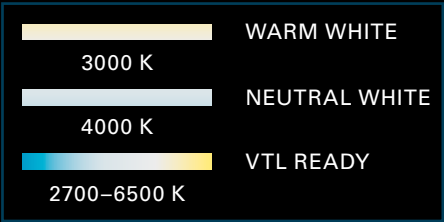


FINISH

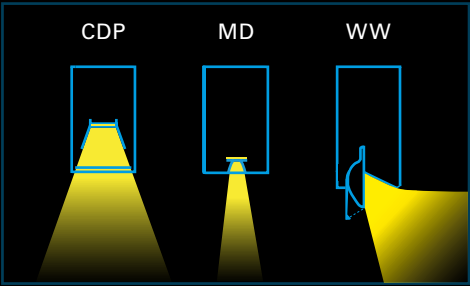
- WHITE
- SILVER
- BLACK (ON REQUEST)



ADAPTATION TYPE



LIGHT COLOUR



LIGHT TECHNOLOGY



# MOUNTING

All fixing components required for installation are included.



Tool-free electrical and mechanical connection of the modular system by integral plug-and-play through-wiring and clamping system.

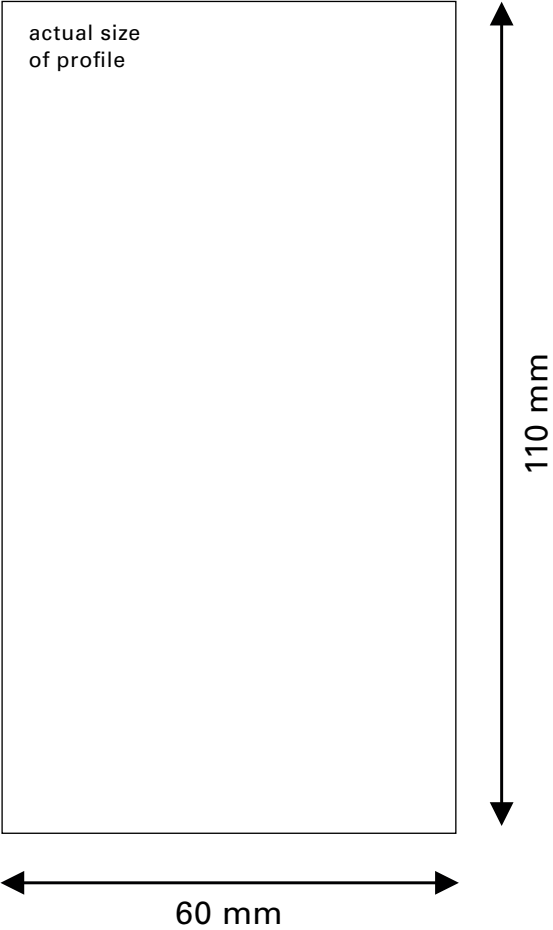


Flexible alignment of the suspensions on pendant luminaires as well as adjustable pendant length. Surface mounted luminaire brackets can compensate for variances across ceiling surface.

# TECHNICAL OVERVIEW

Adaptation types	Surface mounted	Recessed	Pendant	Wall
Light distribution				
Direct (DOTOO)	●	●	●	
Indirect/Direct (IDOO)			●	●
Lighting technology				
CDP	●	●	●	●
MD35°	●	●	●	
MD55°	●	●	●	
MD75°	●	●	●	
WW	●	●	●	
Light color				
warm white, 3000K	●	●	●	●
neutral white, 4000K	●	●	●	●
VTL ready, 2700–6500K			●	
Outside dimension				
mm (WxH)	60x112	70x130	60x110	73x110

Adaptation types	Surface mounted	Recessed	Pendant	Wall
Configuration				
Single luminaire 854 mm		●	●	●
Single luminaire 1134 mm		●	●	
Single luminaire 1414 mm		●	●	●
Single luminaire 2256 mm		●	●	
Modular: Start/Middle/End	●		●	
Weight kg/m				
Single luminaire 854 mm		ca. 3.1	ca. 3.3	ca. 3.9
Single luminaire 1134 mm		ca. 3.9	ca. 4.1	ca. 4.7
Single luminaire 1414 mm		ca. 4.7	ca. 4.9	
Single luminaire 2256 mm		ca. 7.3	ca. 7.6	
Modular: Start/Middle/End	ca. 3.5		ca. 4.9	







# WALDMANN

Homogeneous and glare-free light distribution. Waldmann offers a wide range of attractive lighting solutions with a minimalist design language, excellent workmanship and lighting quality.

# ROOM ILLUMINATION

[www.](#)

Whether recessed, surface mounted, or suspended: the latest technology ensures high efficacy with low power consumption. With DALI our luminaires can be integrated into most building management systems.





# SHINE A LIGHT

#blackforestlight

We have been building some of the best lighting systems in the world, in Villingen-Schwenningen, for over 90 years. Our light is not an end in itself, our light serves: To create, to expand horizons, to wake up, to control hormones. Maximum quality and optimum user-friendliness ensure that people can achieve their aims. They can do it as well as possible thanks to state-of-the-art German technology. We cast the optimum light in many offices, industrial buildings and care facilities, designed by leading architects. Innovative solutions that are easy to install and use, with timeless modern good design, and typical Swabian value for money. Waldmann, a world market leader with 1,000 employees and locations in 10 countries. Family-run, as befits hidden champions.



**FIGHTING  
DARKNESS  
SINCE 1928**