

IDOO.LINE DOTOO.LINE



ENGINEERS OF LIGHT

LIGHT-LINE SYSTEM



Waldmann



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WALDMANN

- Room Illumination
- Shine a light



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

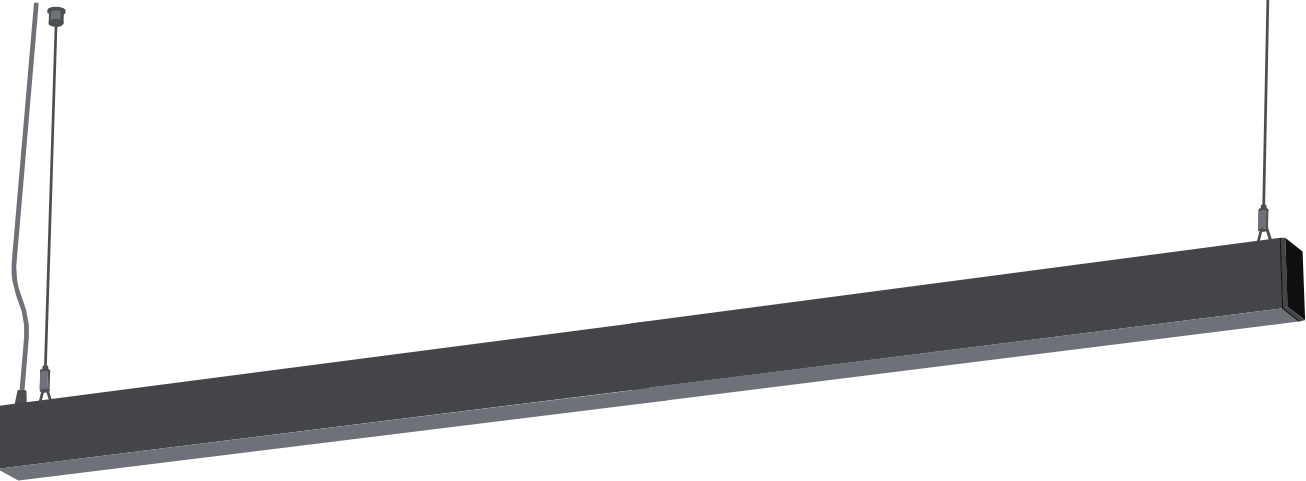
Indirect/direct distribution





DOTOO

Direkt distribution



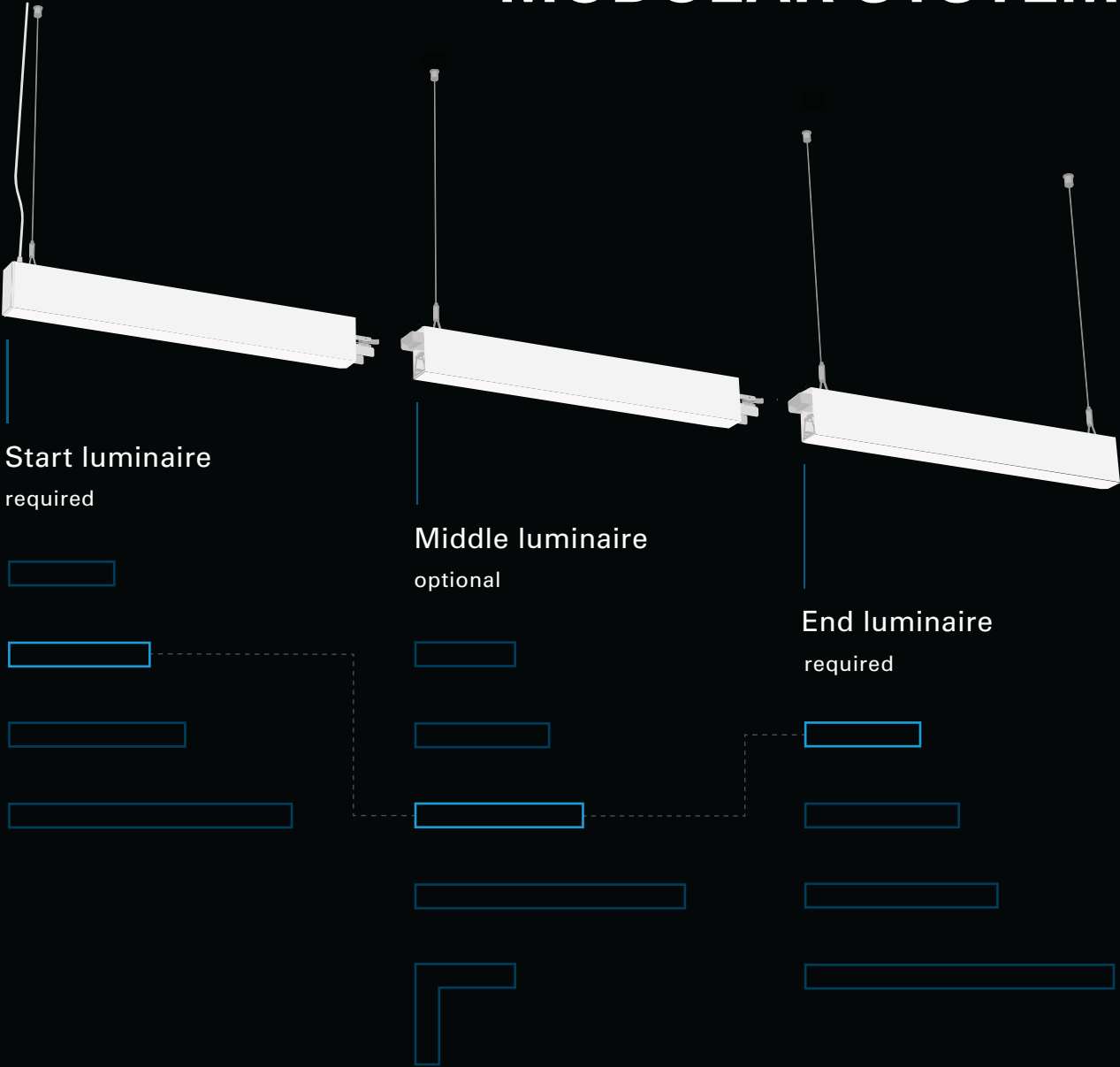
SINGLE LUMINAIRE



- 854 mm 
- 1134 mm 
- 1414 mm 
- 2256 mm 

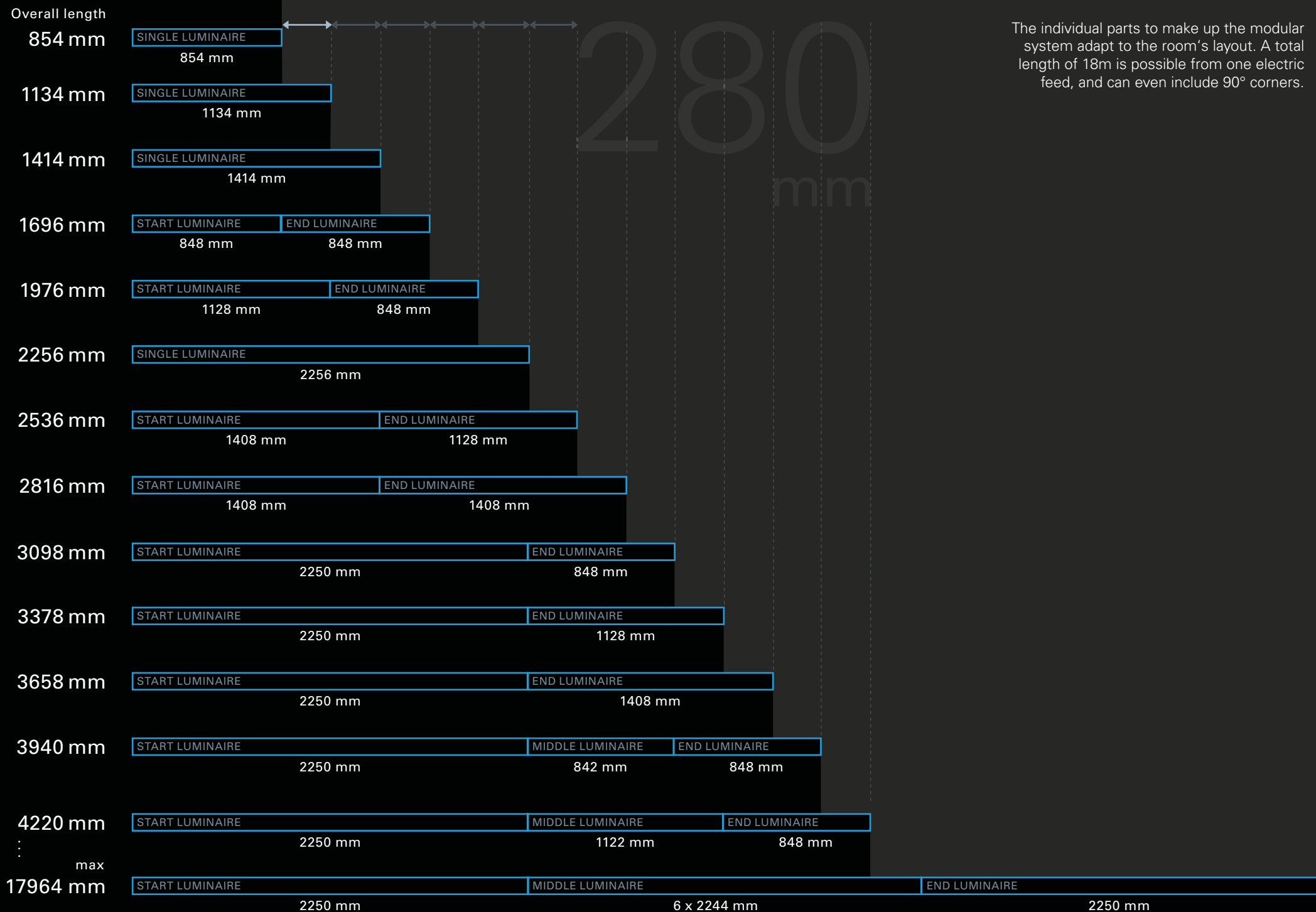


MODULAR SYSTEM



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





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.

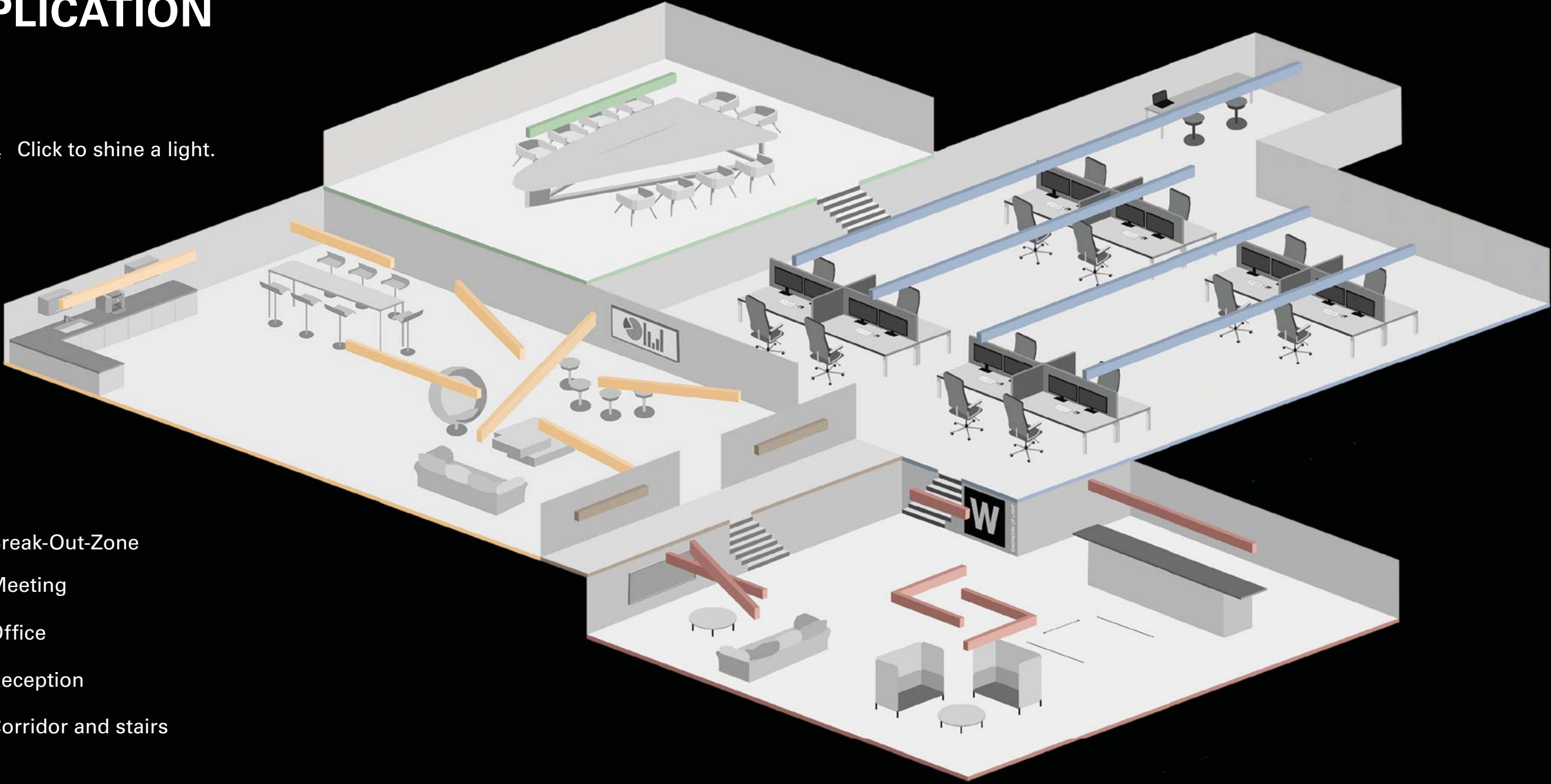




APPLICATION

 Click to shine a light.

- Break-Out-Zone
- Meeting
- Office
- Reception
- Corridor and stairs

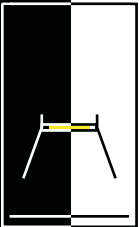




LIGHTING TECHNOLOGY

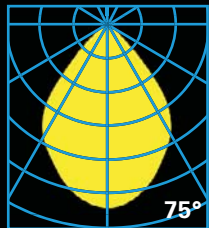
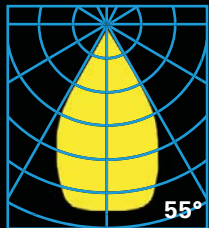
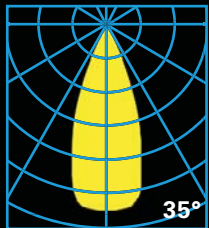
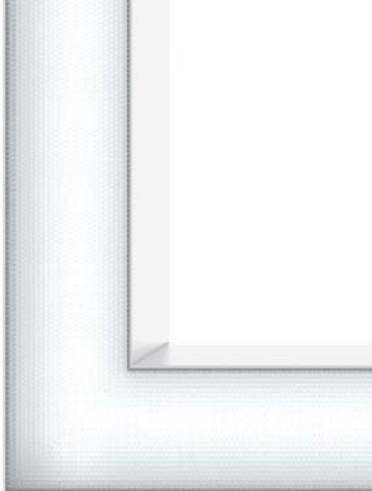


CDP
Conical De-glaring Prism

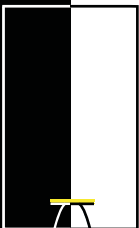


Suitable for office workplace lighting compliant with standards.

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

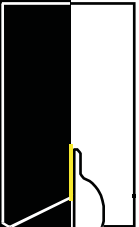


Suitable for the accenting of selected room areas.

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

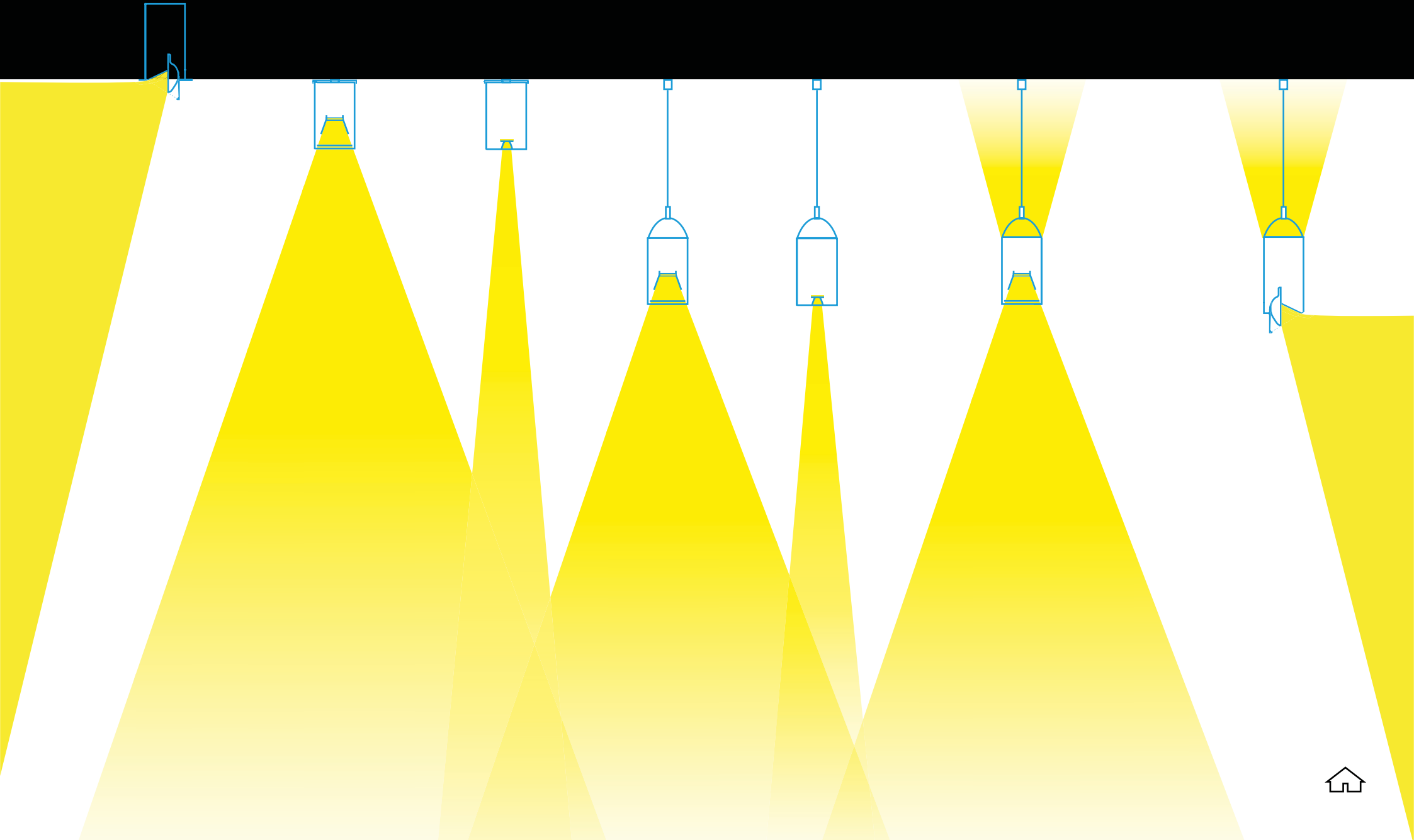
MD

CDP

MD

CDP

WW





MD
I

WW
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.

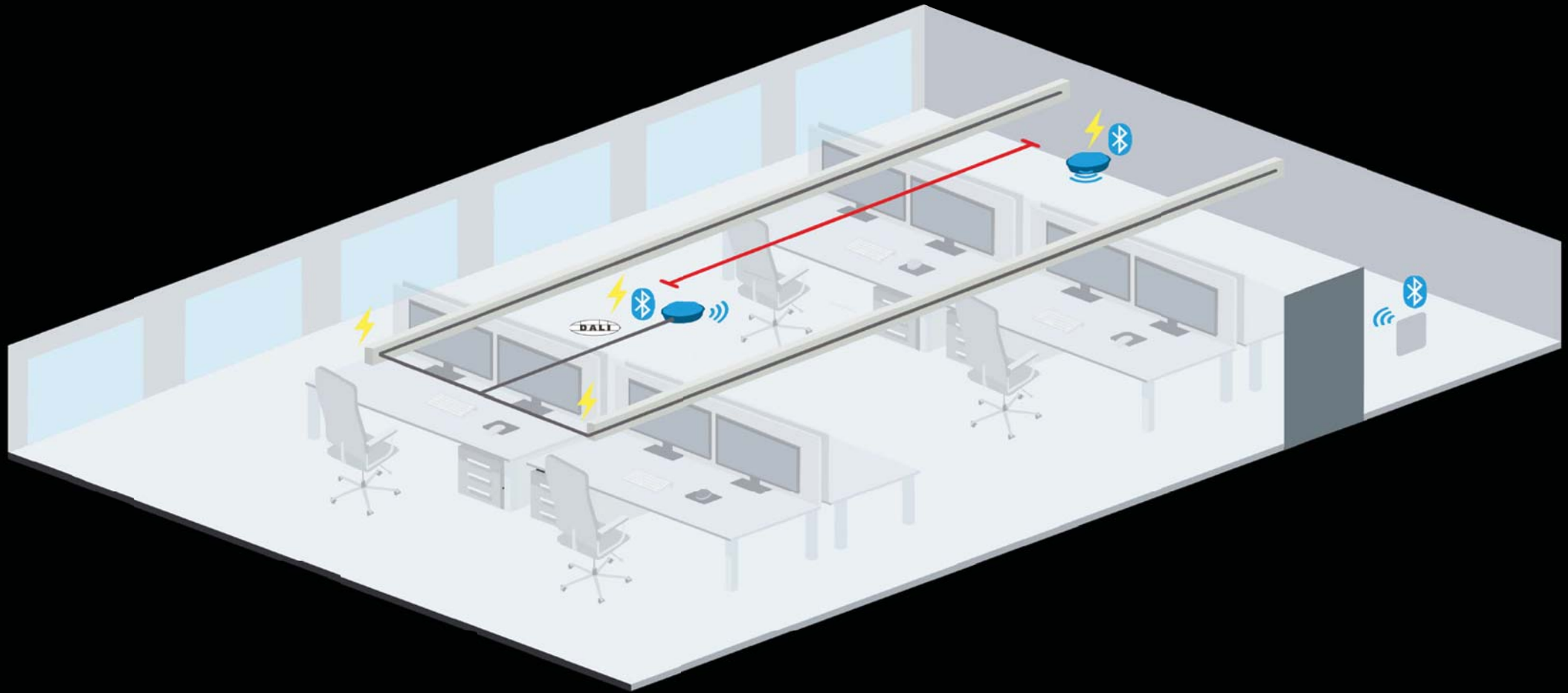


Light environment to feel good in

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 ≥ 90 with R9 ≥ 70
- $m_{v, mel, D65} 0,70$
(DIN SPEC 5131-100 (2015)/ DIN SPEC 67600)

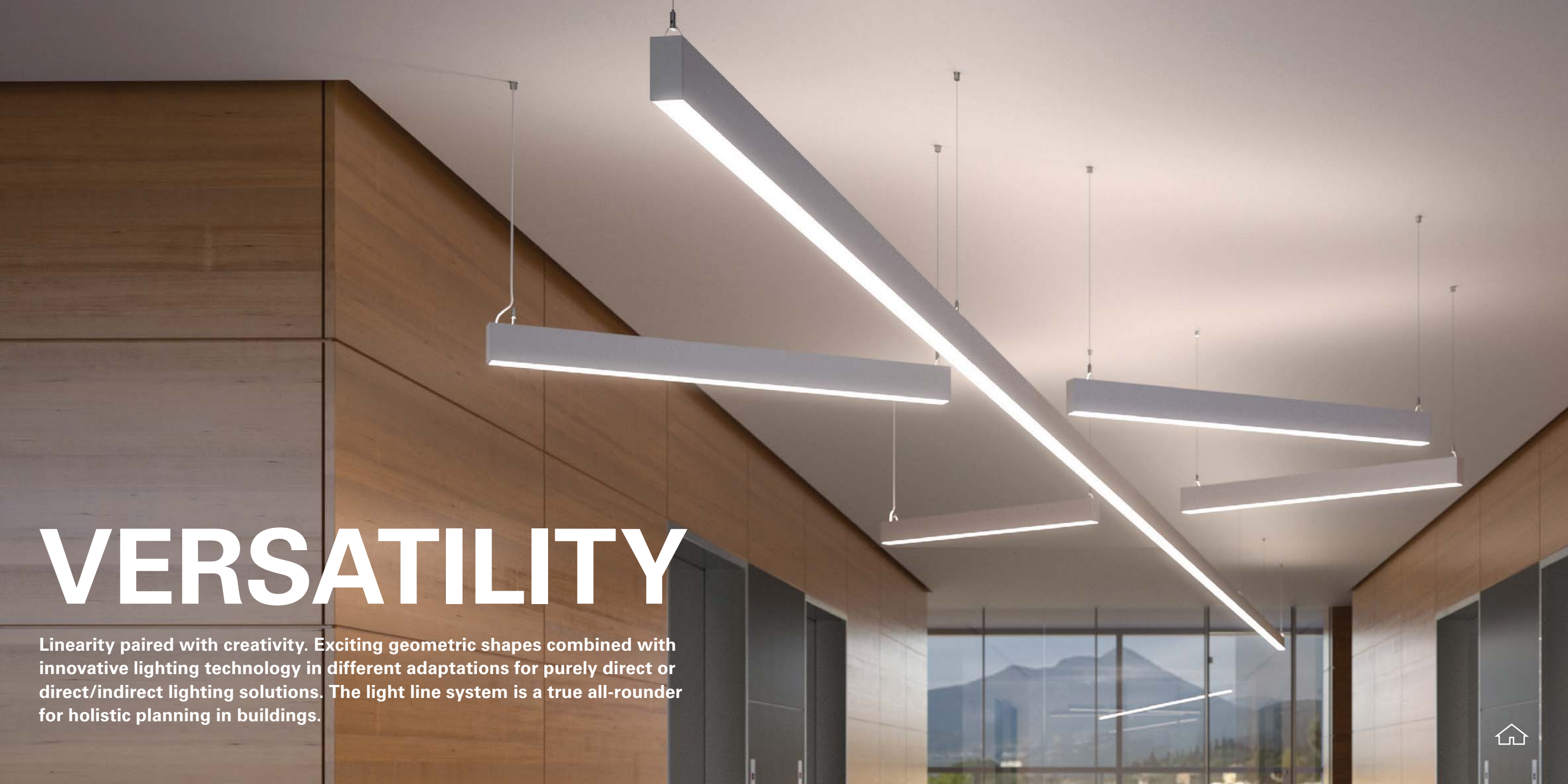
Visual Timing Light (VTL) brings the dynamics of natural daylight into the interior of a building and expands the emotional and ergonomic aspects of lighting quality through the non-visual effect of light. This directly promotes people's health, well-being and performance. The extent to which light has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



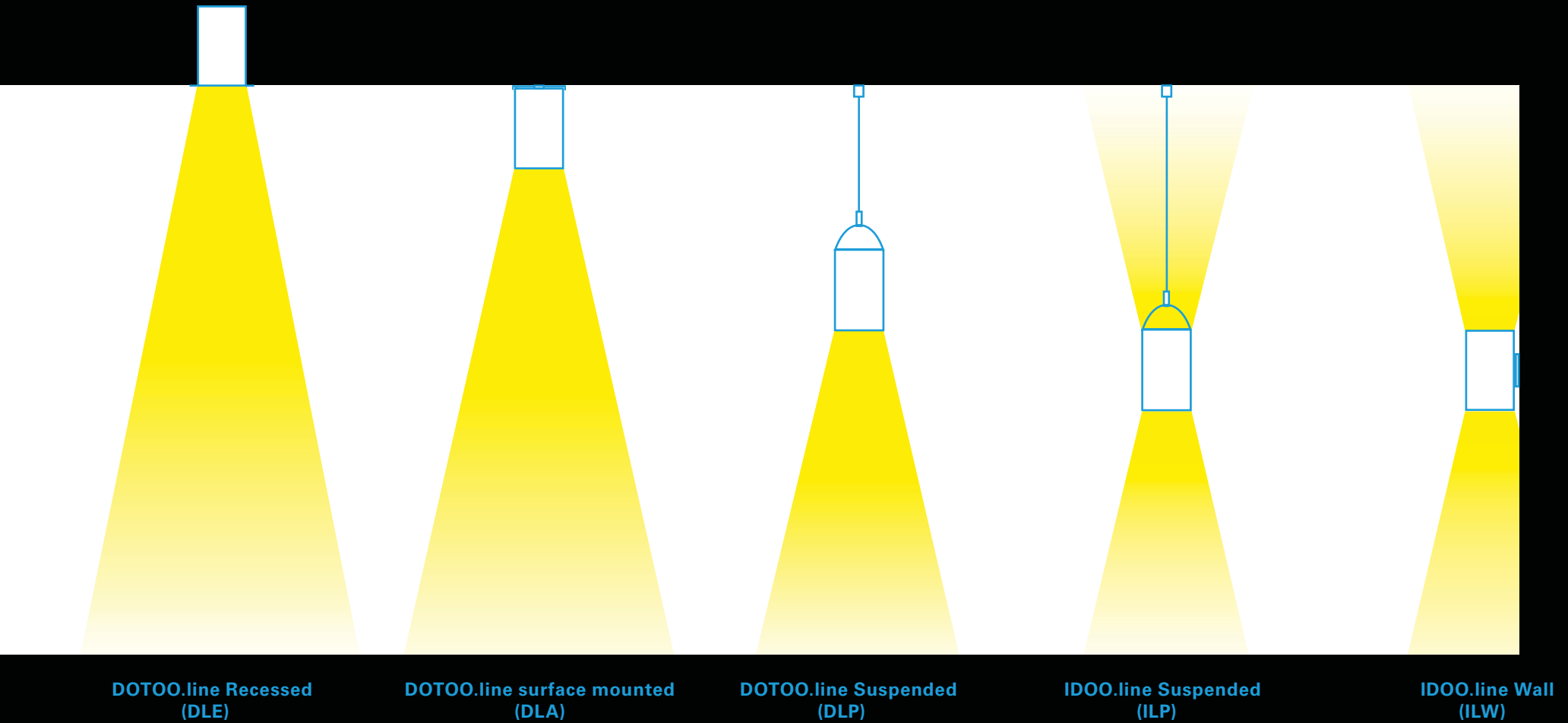


VERSATILITY

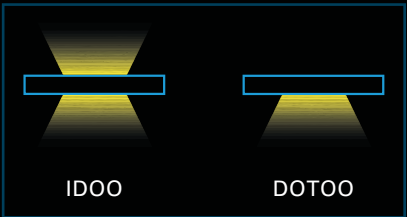
Linearity paired with creativity. Exciting geometric shapes combined with innovative lighting technology in different adaptations for purely direct or direct/indirect lighting solutions. The light line system is a true all-rounder for holistic planning in buildings.



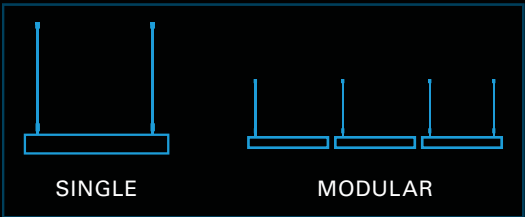
ADAPTATION TYPE



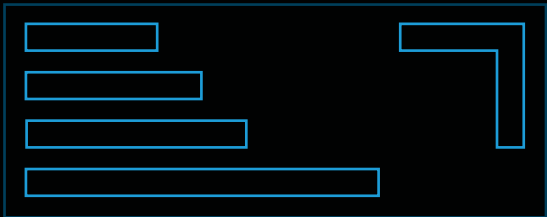
SYSTEM OVERVIEW



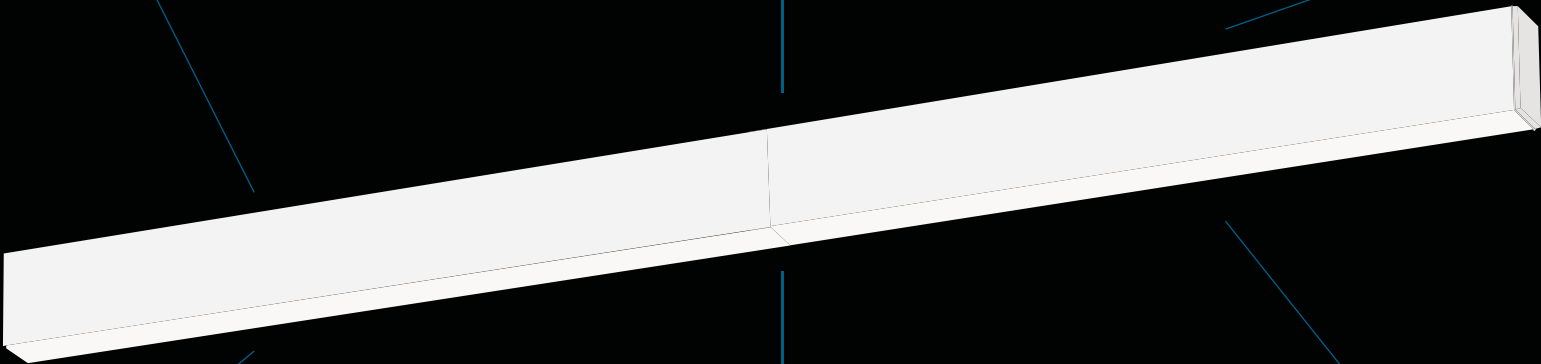
LIGHT DISTRIBUTION



CONFIGURATION

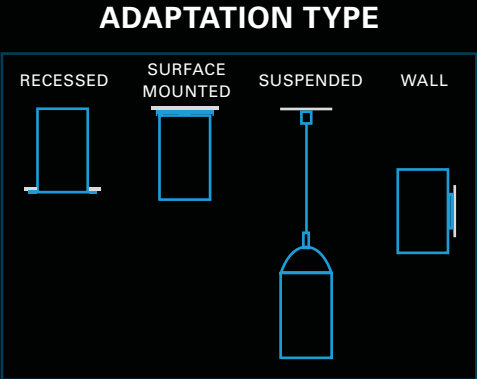


LENGTH

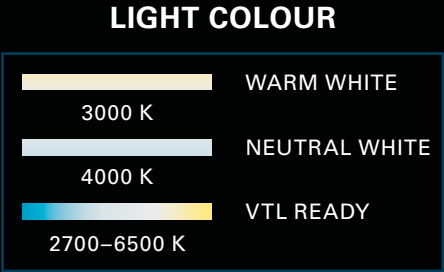


FINISH

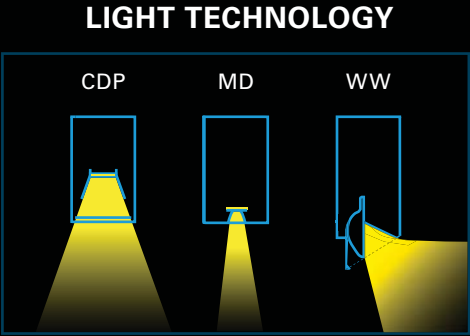
- WHITE
- SILVER
- BLACK (ON REQUEST)



ADAPTATION TYPE



LIGHT COLOUR

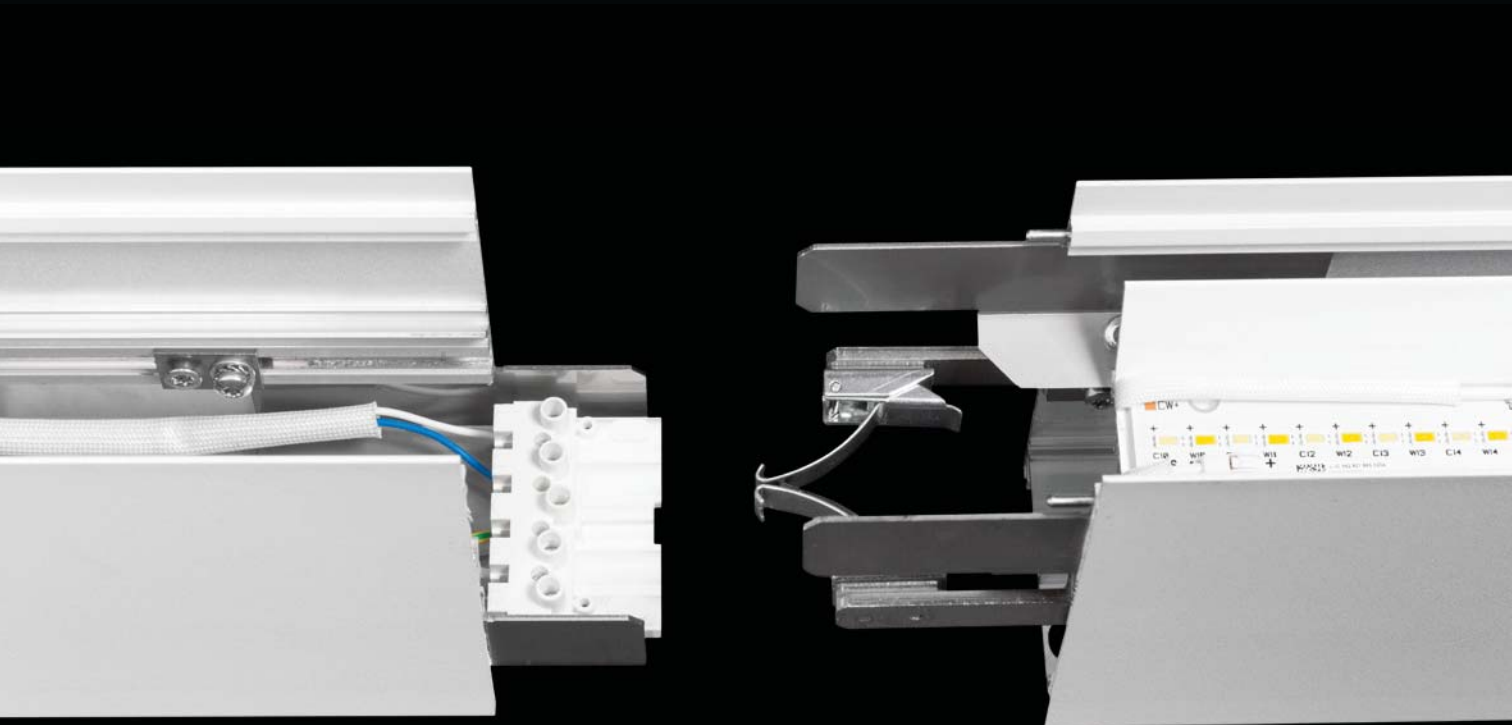


LIGHT TECHNOLOGY



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.



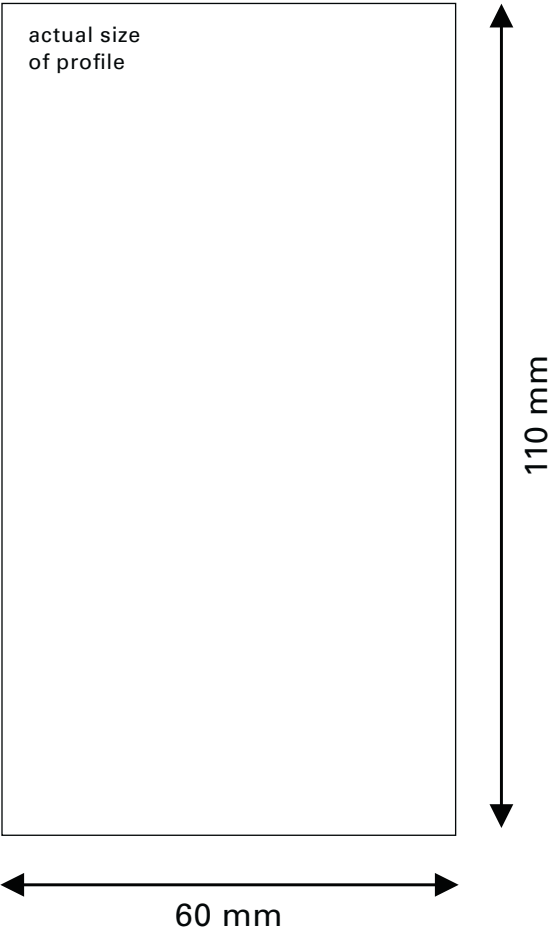
Flexible alignment of the suspensions on pendant luminaires as well as adjustable pendant length. Surface mounted luminaire brackets can compensate for variances across ceiling surface.



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.



LAVIGO
Suspended Luminaires



ORION8®
Sound vacuum cleaner



VIVAA.pendant
Suspended Luminaires



VIVAA.fit
Surface-Mounted Luminaires



OBLO.fit
Surface-Mounted Luminaires



DOTOO.fit
Recessed modular Luminaire



ZERA.wall
Wall-Mounted Luminaires



ZERA.bath
Wall-Mounted Luminaires



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.





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FIGHTING DARKNESS SINCE 1928