ENGINEERS OF LIGHT

IDOO.LINE
DOTOO.LINE



ENG

Waldmann



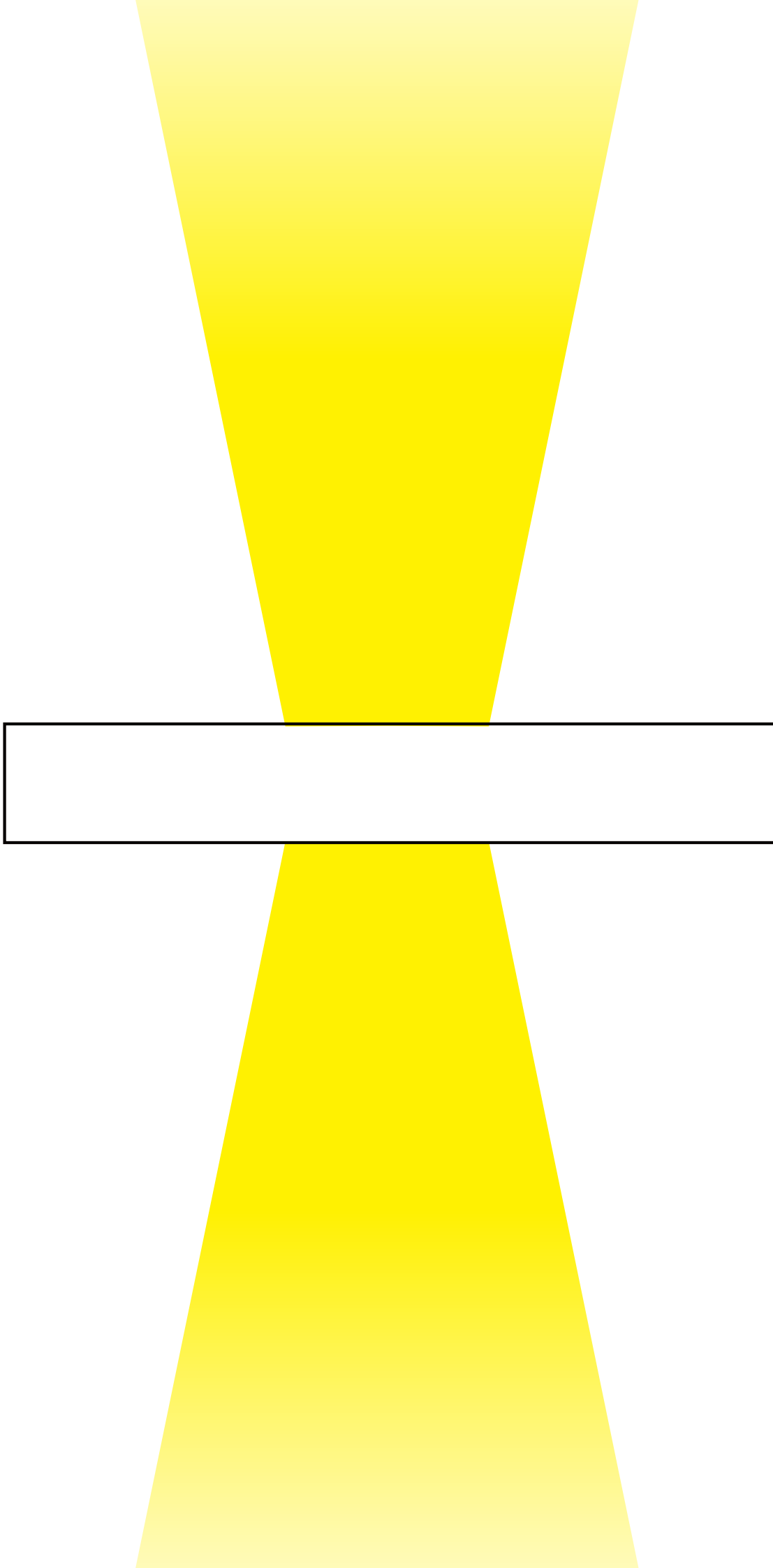
DESIGN

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.



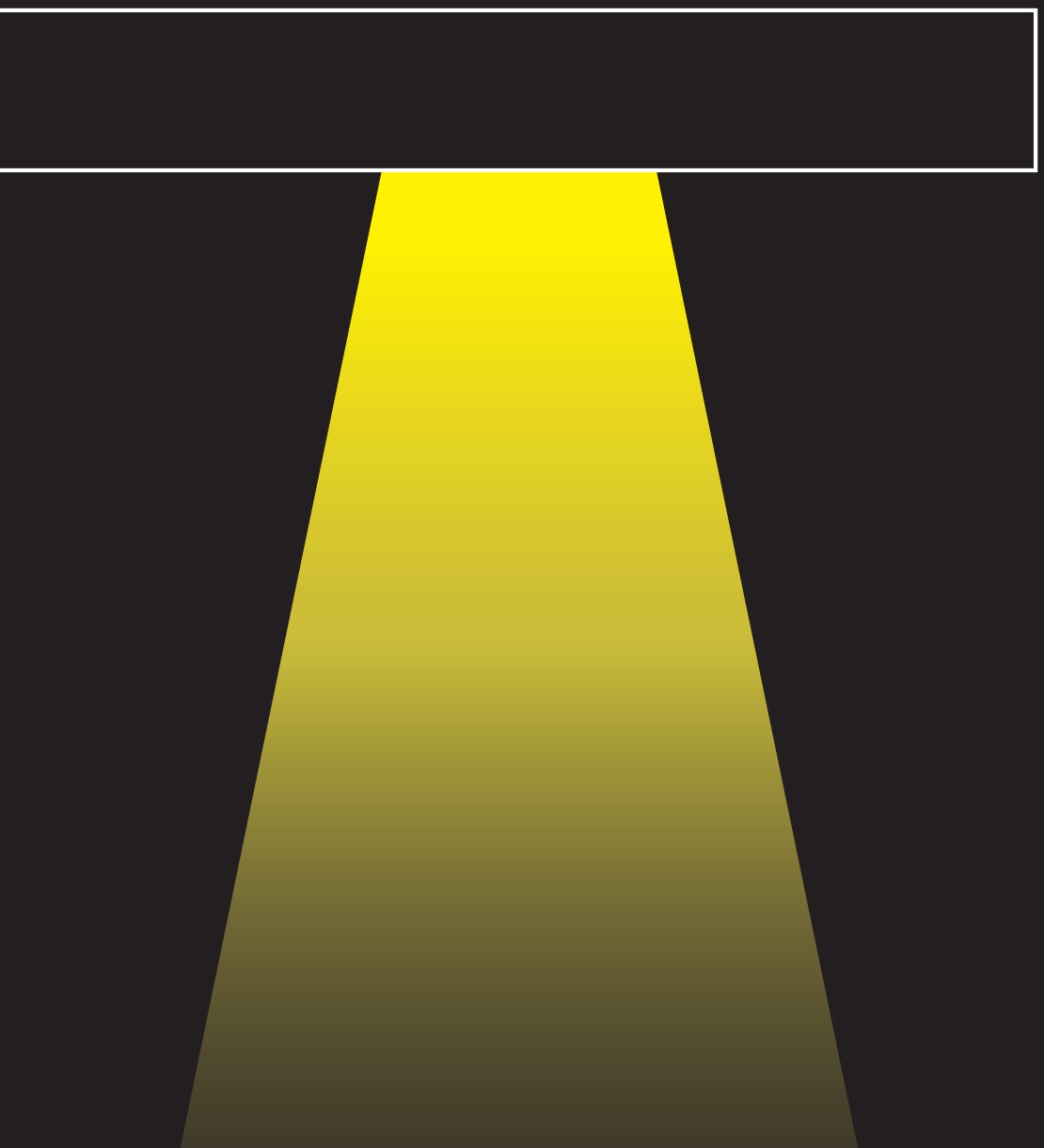
IDOO

Indirect/direct distribution



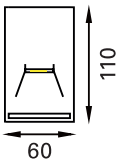
DOTOO

Direct distribution



SINGLE LUMINAIRE





854 mm

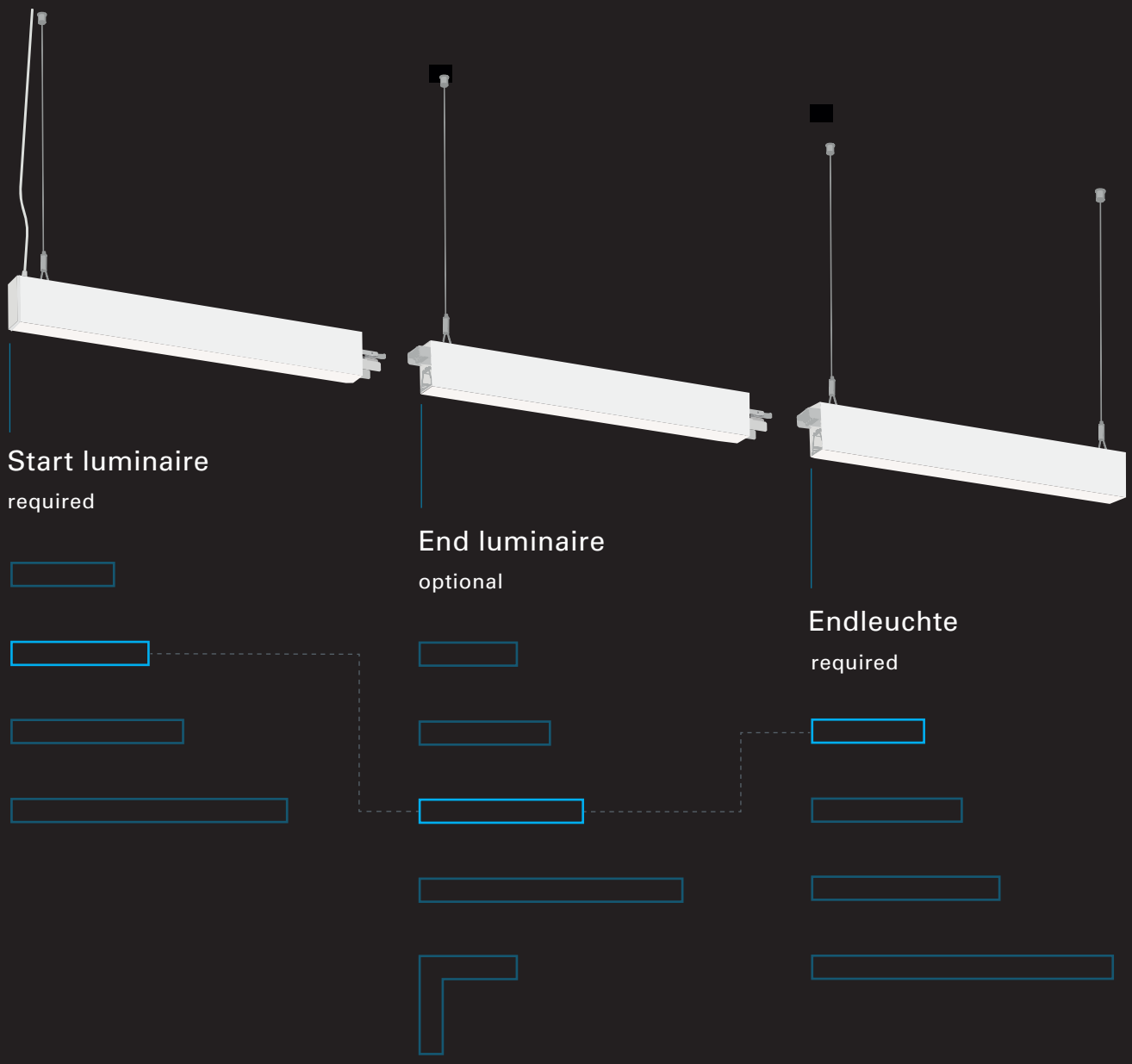
1134 mm

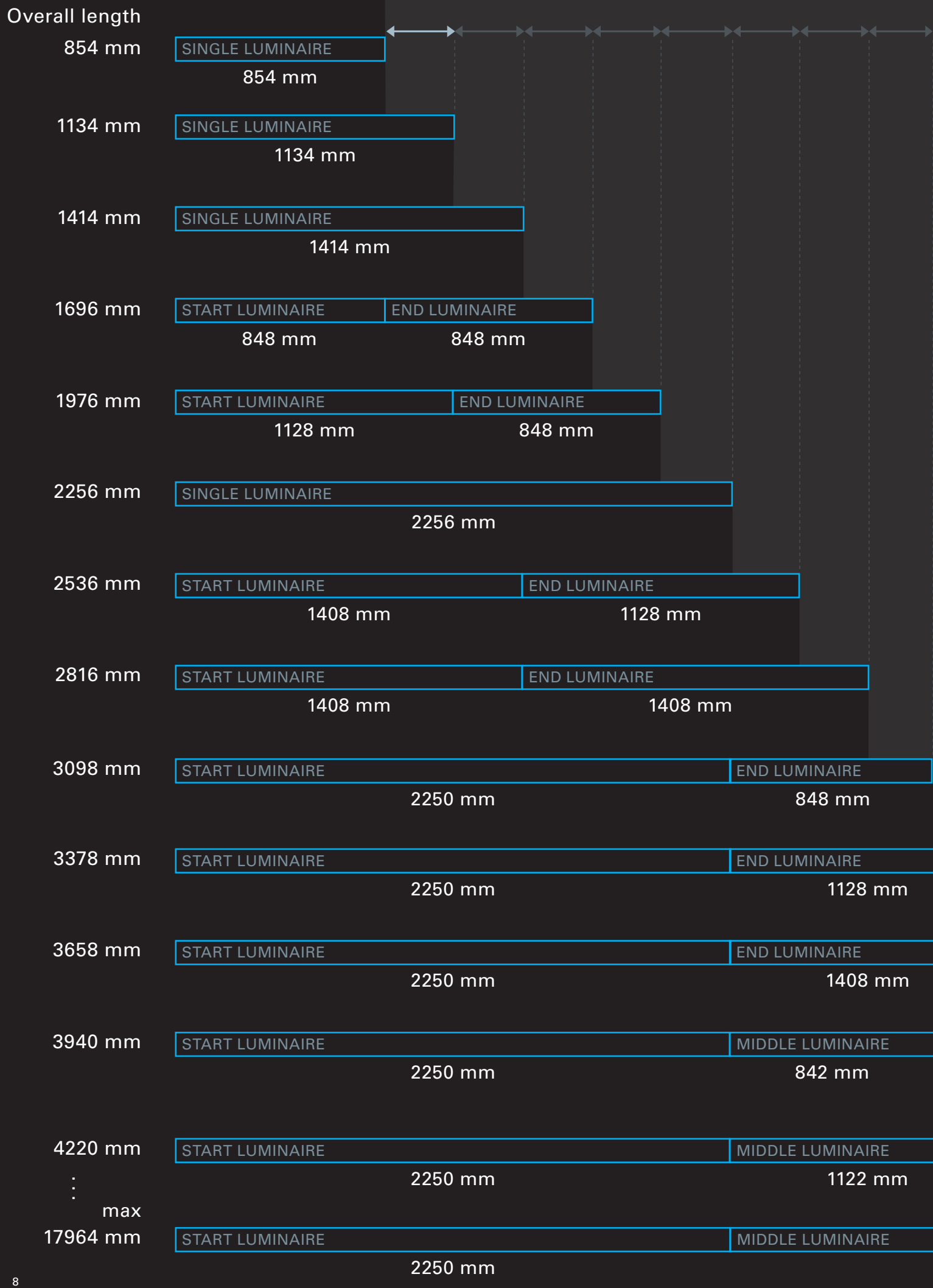
1414 mm

2256 mm

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

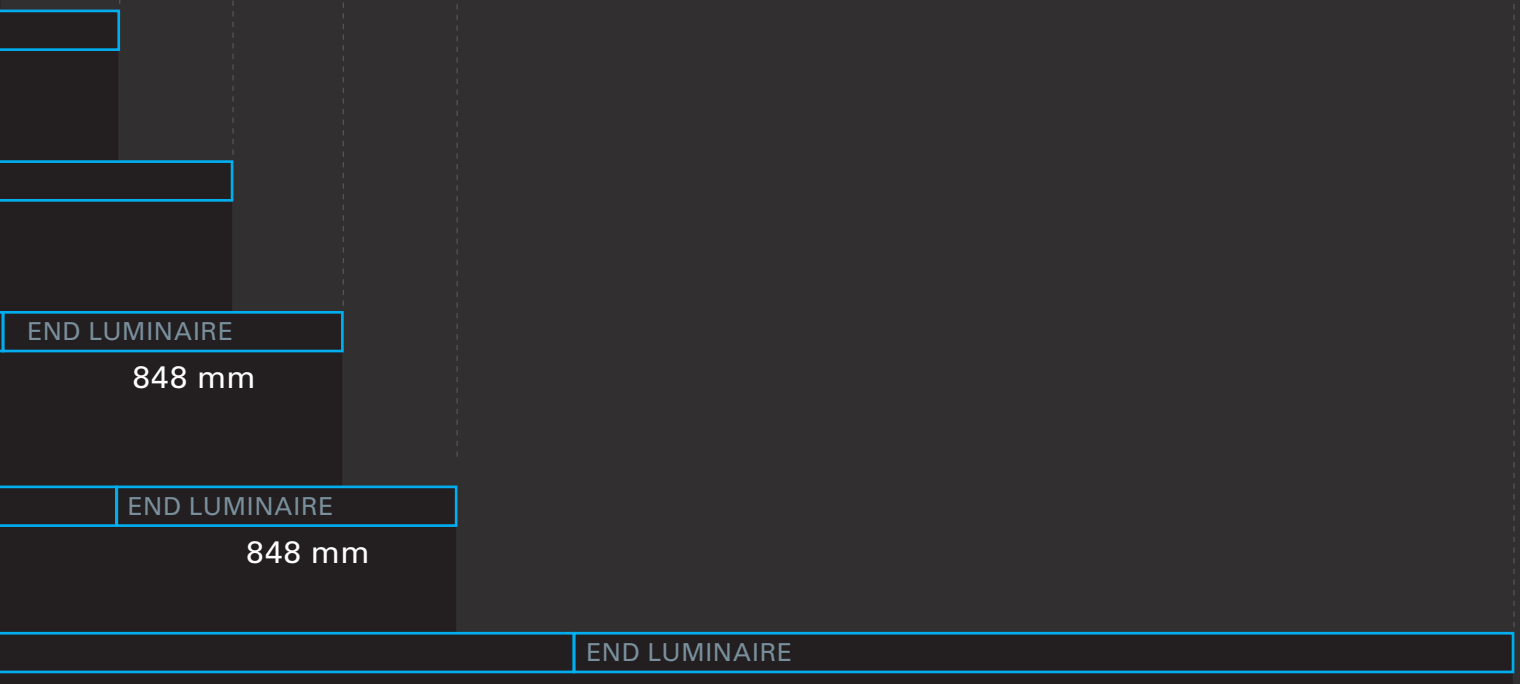
MODULAR SYSTEM




Overall length
854 mm
SINGLE LUMINAIRE
854 mm
1134 mm
SINGLE LUMINAIRE
1134 mm
1414 mm
SINGLE LUMINAIRE
1414 mm
1696 mm
START LUMINAIRE
END LUMINAIRE
848 mm
848 mm
1976 mm
START LUMINAIRE
END LUMINAIRE
1128 mm
848 mm
2256 mm
SINGLE LUMINAIRE
2256 mm
2536 mm
START LUMINAIRE
END LUMINAIRE
1408 mm
1128 mm
2816 mm
START LUMINAIRE
END LUMINAIRE
1408 mm
1408 mm
3098 mm
START LUMINAIRE
END LUMINAIRE
2250 mm
848 mm
3378 mm
START LUMINAIRE
END LUMINAIRE
2250 mm
1128 mm
3658 mm
START LUMINAIRE
END LUMINAIRE
2250 mm
1408 mm
3940 mm
START LUMINAIRE
MIDDLE LUMINAIRE
2250 mm
842 mm
4220 mm
START LUMINAIRE
MIDDLE LUMINAIRE
2250 mm
1122 mm
max
17964 mm
START LUMINAIRE
MIDDLE LUMINAIRE
2250 mm

280 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.



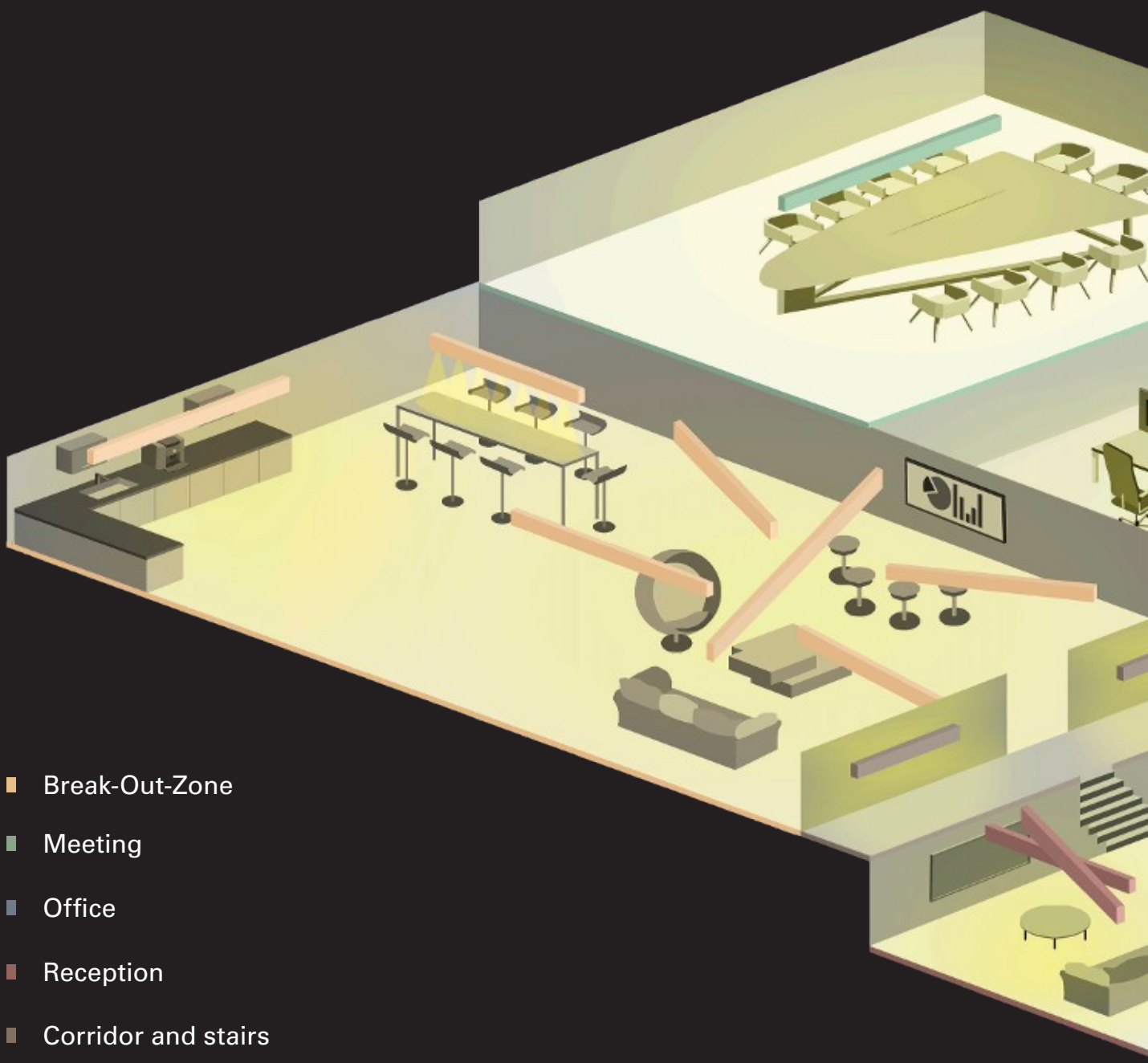


LIGHTING CONCEPT

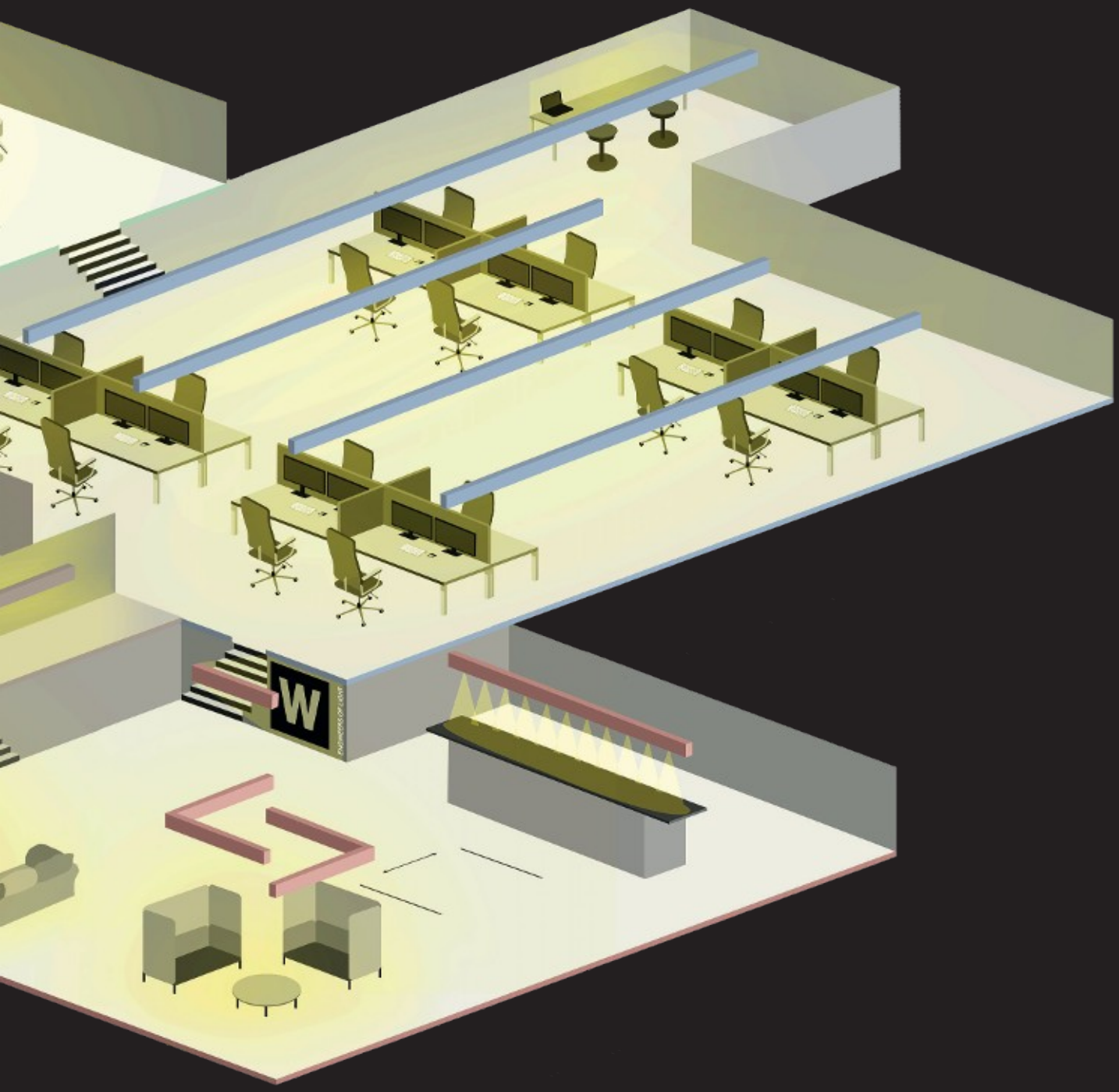
Freedom of design for your lighting concept. The ability to create atmosphere as well as provide optimal zone-dependent lighting, thanks to highly developed lighting technology - vertical or horizontal, ambient or directional.


MD
CDP

APPLICATION



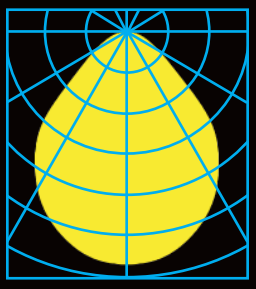
- Break-Out-Zone
- Meeting
- Office
- Reception
- Corridor and stairs






CDP

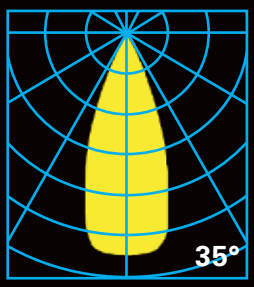
LIGHTING TECHNOLOGY

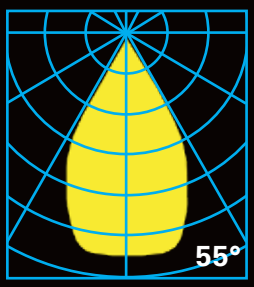


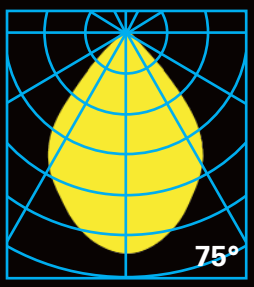
CDP

Conical **D**e-glaring **P**rism



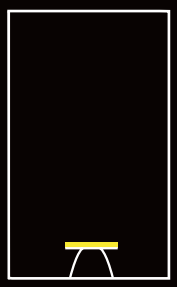


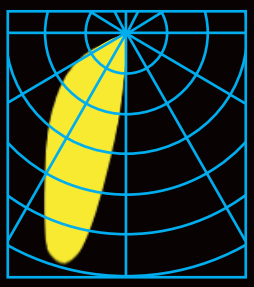




MD

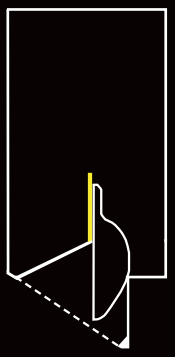
Micro-**D**ownlight

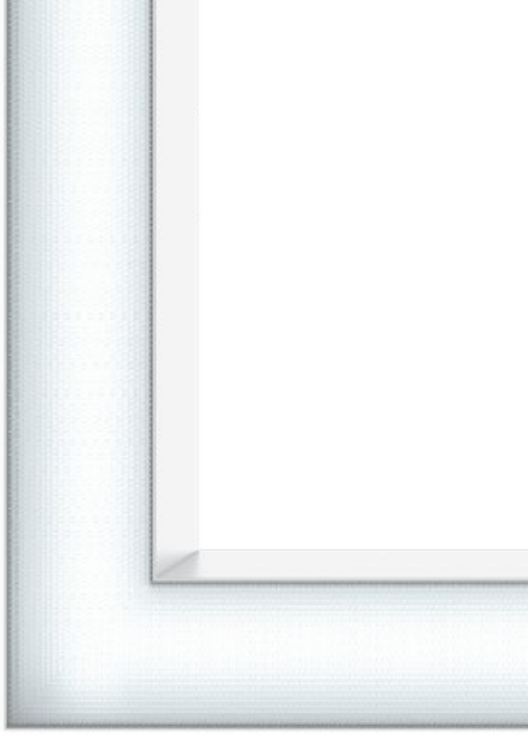




WW

Wall **W**asher





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.

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.

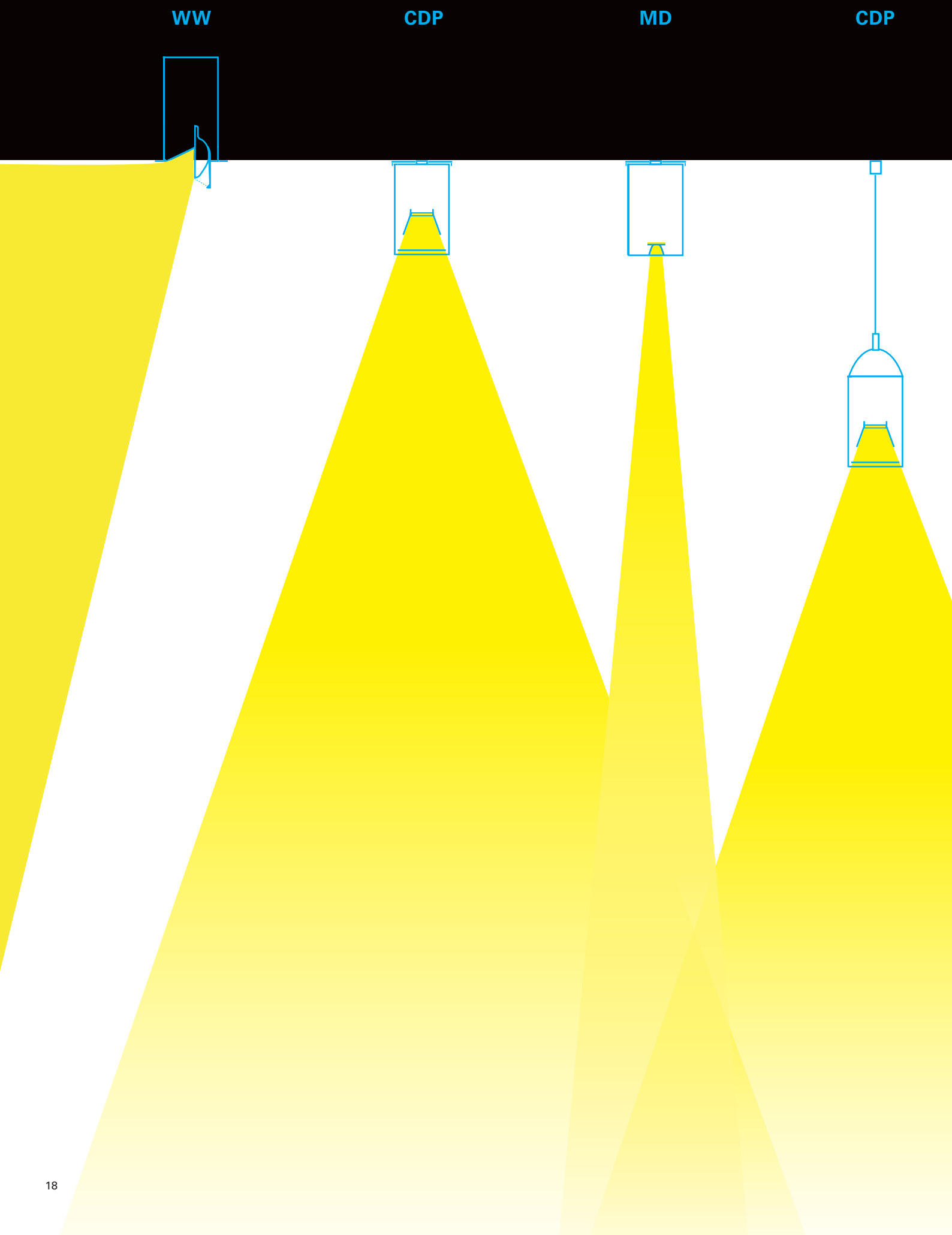


Suitable for uniform illumination of large vertical wall surfaces.

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.



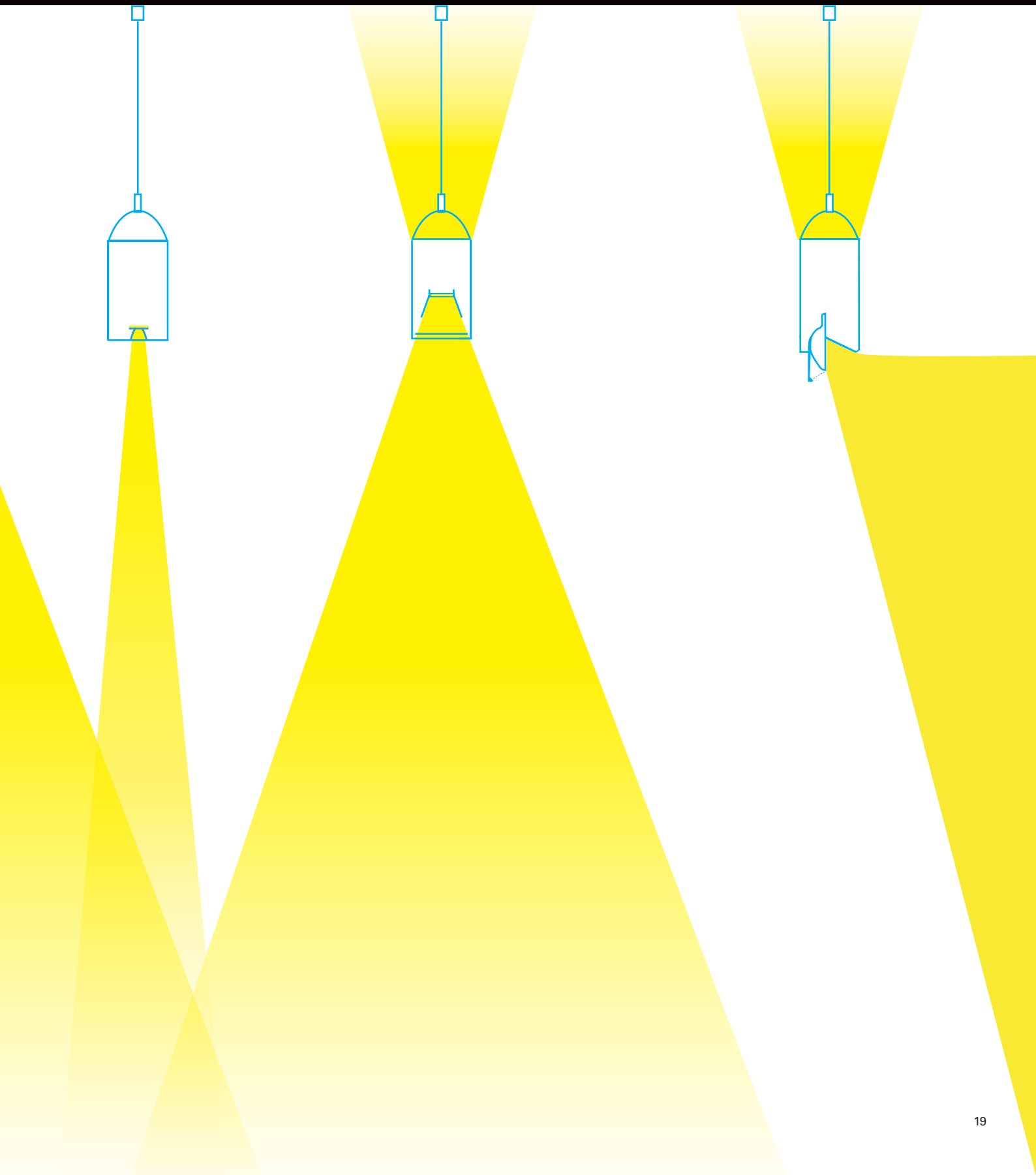
LIGHTING TECHNOLOGY



MD

CDP

WW





LTX-Ceiling sensor KIRK

Light management for room illumination

Luminaires connected via DALI are controlled by the ceiling sensor.

Healthy light

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

Optimally used office space

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



The best working conditions

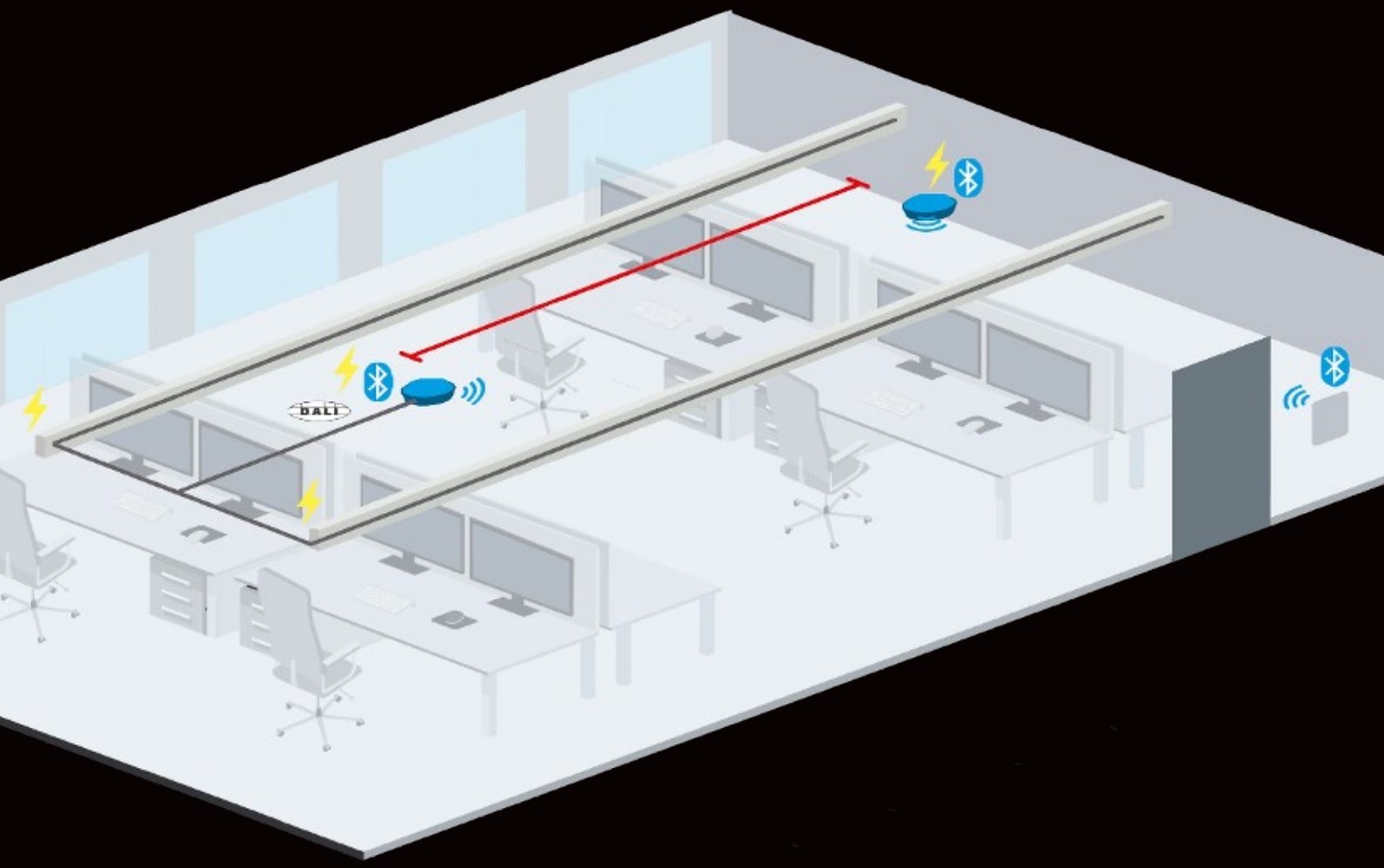
Environmental parameters such as air quality and noise levels are displayed, based on threshold values, via the LEDs on the ceiling sensor.

Light environment to feel good in

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

Convenient adjustment via app

With the Waldmann App the sensor can be easily confi-gured and set for operation.



Bluetooth,
15 m reach

Mains voltage

DALI-Control

LTX-Ceiling sensor
4x4 m Detection range

Radio wall transmitter

max. 15 m Distance

VTL



- 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)



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

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

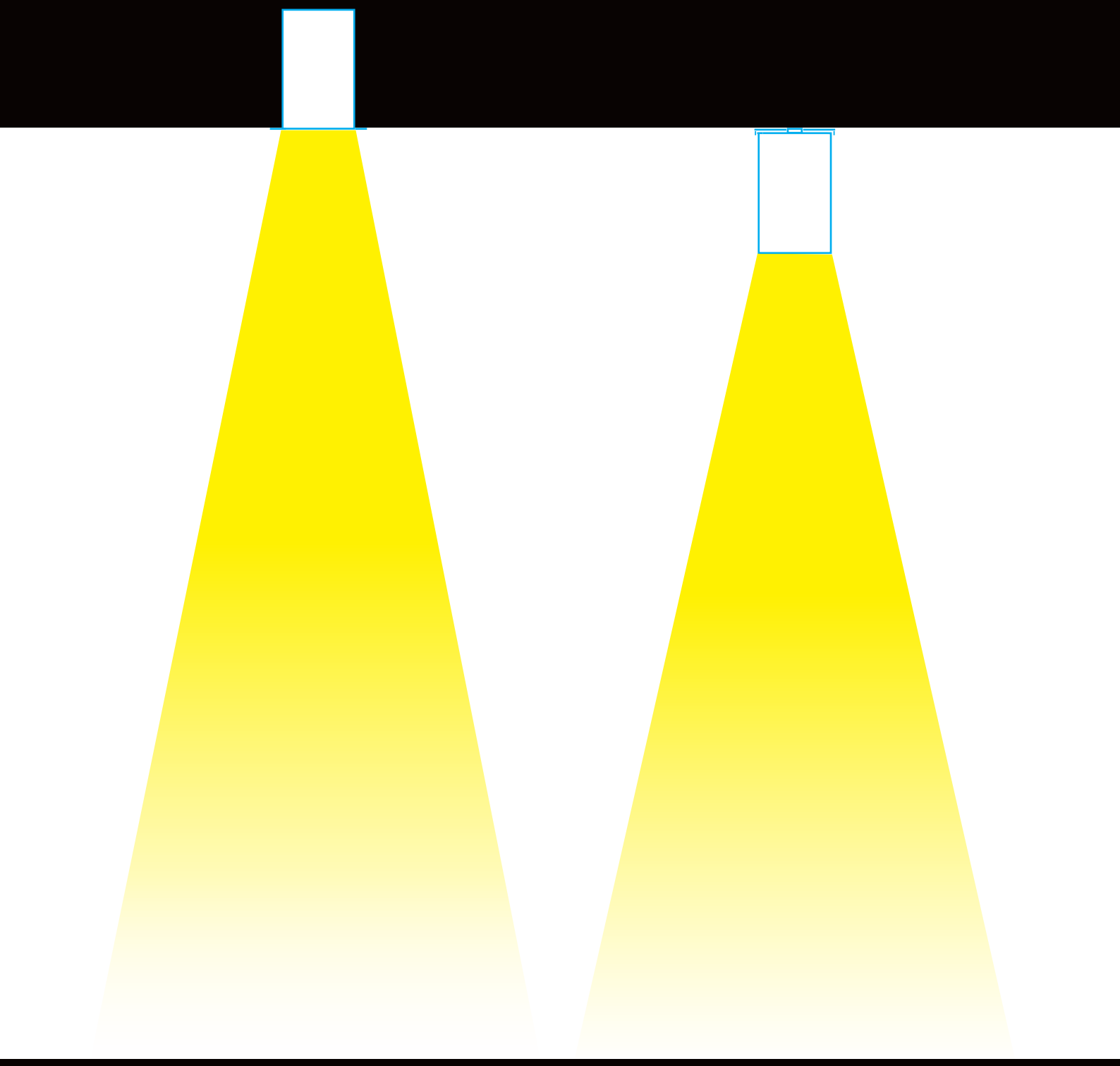


VERSATILITY

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.

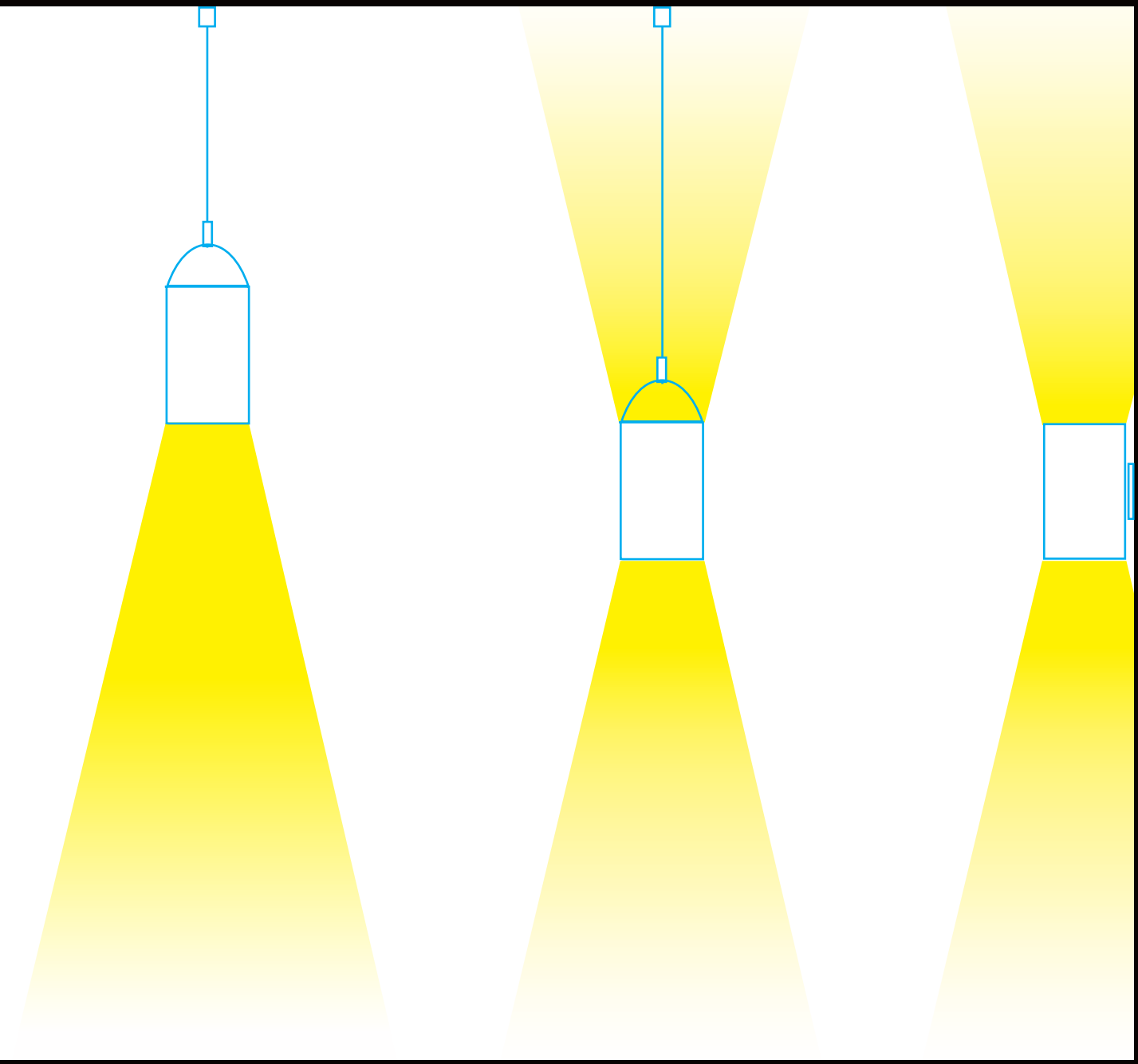


ADAPTATION TYPE



DOTOO.line Recessed
(DLE)

DOTOO.line surface mounted
(DLA)

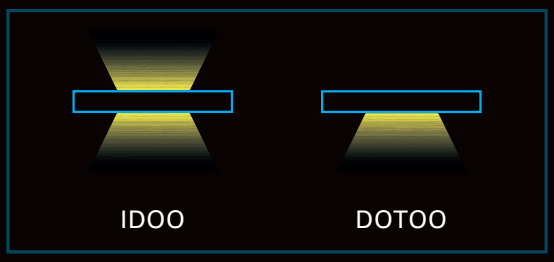


DOTOO.line Suspended (DLP)

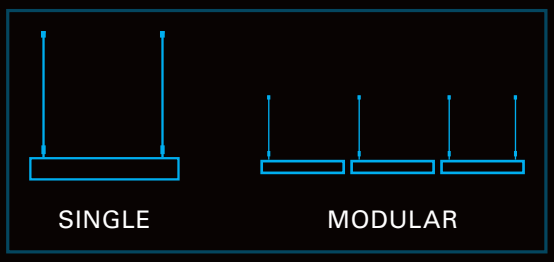
IDOO.line Suspended (ILP)

IDOO.line Wall (ILW)

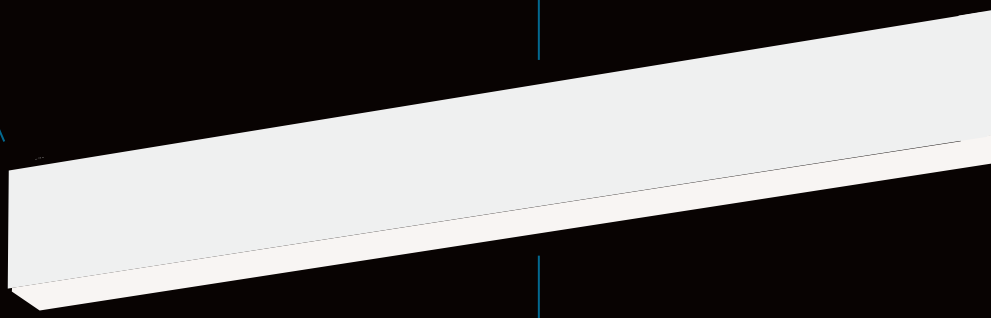
SYSTEM OVERVIEW



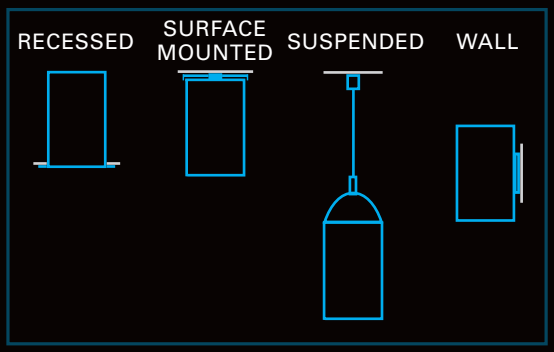
LIGHT DISTRIBUTION



CONFIGURATION

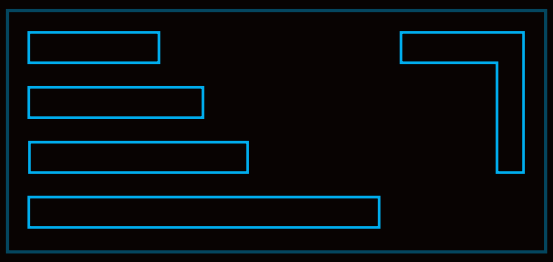


ADAPTATION TYPE

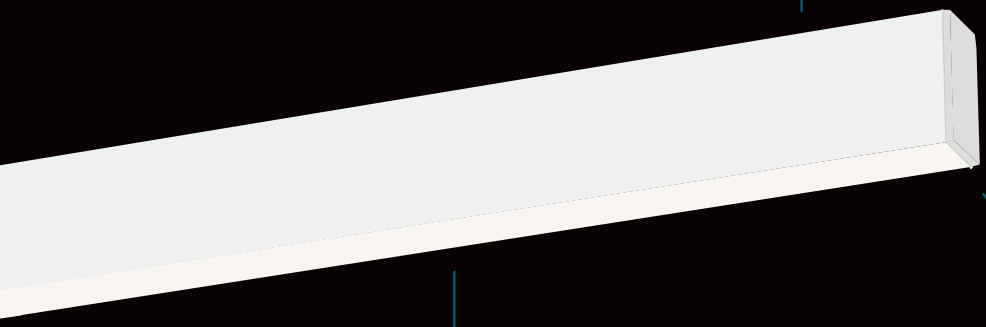


LIGHT COLOUR

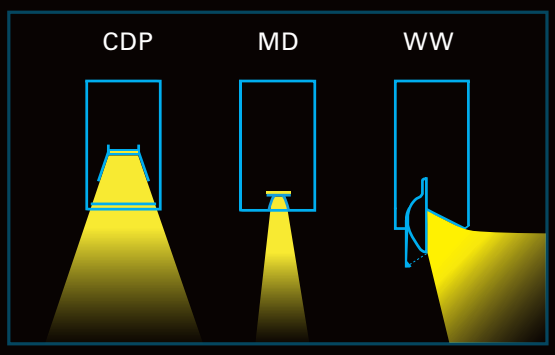




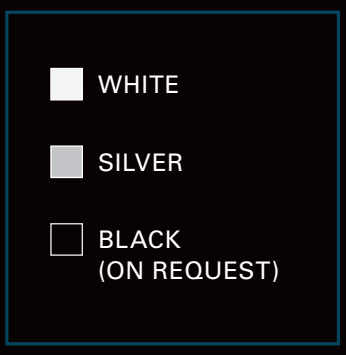
LENGTH



LIGHT TECHNOLOGY

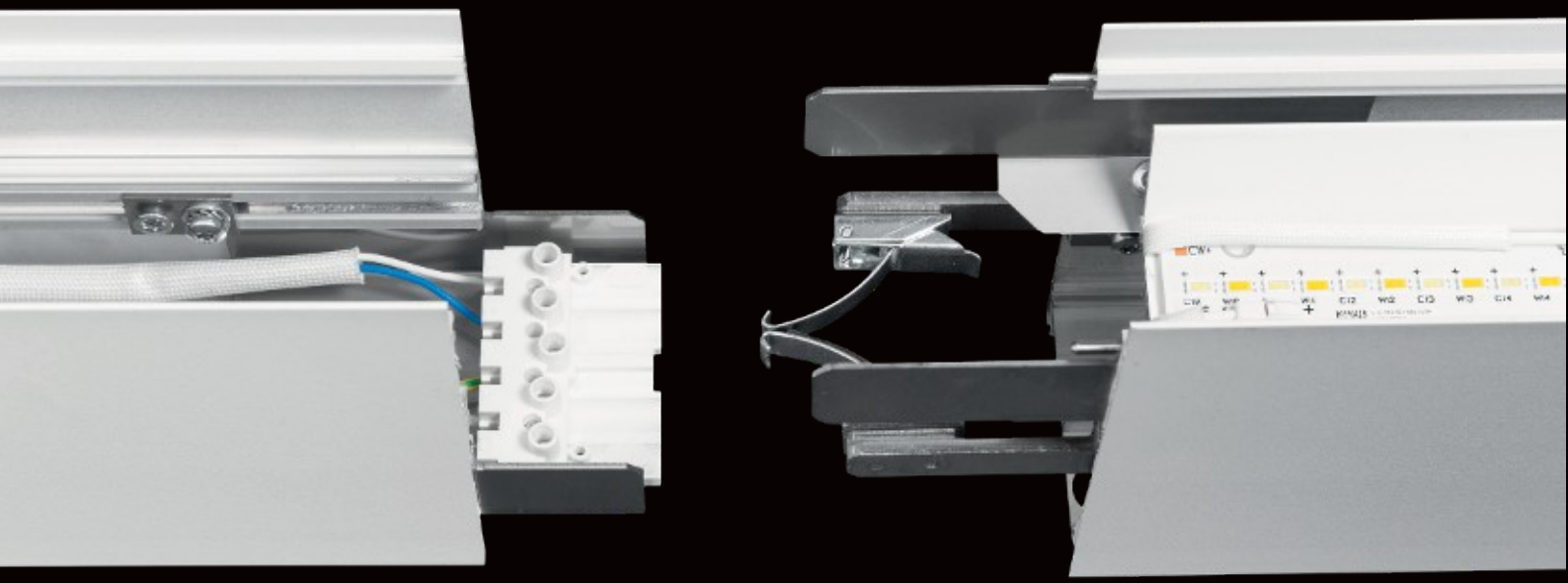


FINISH



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.

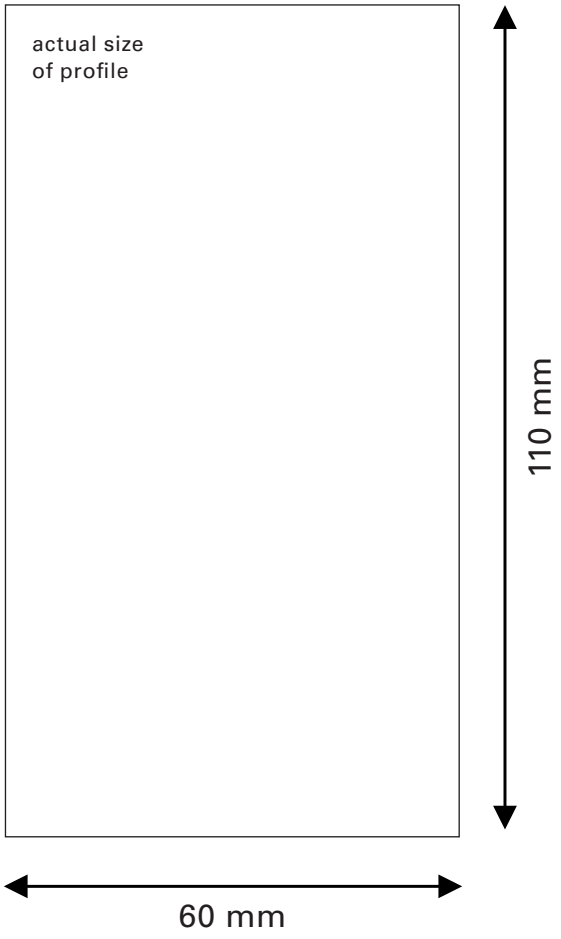


Flexible alignment of the suspensions on pendant luminaires as well as adjustable pendant length.
Surface mounted luminaire brackets can compensate for variances across ceiling surface.

TECHNICAL OVERVIEW

Adaptation types	Surface mounted	Recessed	Pendant	Wall
Light distribution				
Direct (DOTOO)	●	●	●	
Indirect/Direct (IDOO)			●	●
Lighting technology				
CDP	●	●	●	●
MD 35°	●	●	●	
MD 55°	●	●	●	
MD 75°	●	●	●	
WW	●	●	●	
Light colour				
warm white, 3000 K	●	●	●	●
neutral white, 4000 K	●	●	●	●
VTL ready, 2700 – 6500 K			●	
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	



SHINE A LIGHT

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.





Waldmann

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THE LIGHT OF THE FUTURE.

Wherever you are and whatever you produce, Waldmann has been helping people meet cost targets, standardise their purchased parts and eliminate quality issues since 1928. Simplified component integration at electrical, systems engineering and mechanical level is a top priority for you? You set great store by component quality and robustness? And your staff insist on optimum visibility that lets them work to a genuinely zero-defect, safe and ergonomic standard? From Swabia in Germany, Waldmann brings you a one-stop solution – for a planet where the light never goes out.

FIGHTING DARKNESS

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