

Scriptus®

The innovative luminaire range for
offices and public buildings.

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The Siteco logo consists of the word "siteco" in a lowercase, sans-serif font. A small red dot is positioned above the letter "i".

Superb design – Scriptus[®], the new shape of lighting



“If design fails to communicate, the idea
of replacing old products loses its relevancy.”

Werner Aisslinger

When providing effective and needs-based lighting for office buildings, features such as high-quality optics and light management are now pretty much taken for granted. But the same does not necessarily apply to product design. Elegant, filigree luminaire design accentuates details and creates the desired atmosphere without taking center stage.

Progressive, contemporary design coupled with outstanding efficiency and light quality are the hallmarks of Scriptus[®] – the new range of luminaires for the modern office environments of today and tomorrow. Designed by the Berlin-based Studio Aisslinger, the product family is characterized by high-quality design coupled with innovative technology for future-looking, human-centric working environments. Scriptus[®] exemplifies minimalist elegance, clean lines and maximum system flexibility.

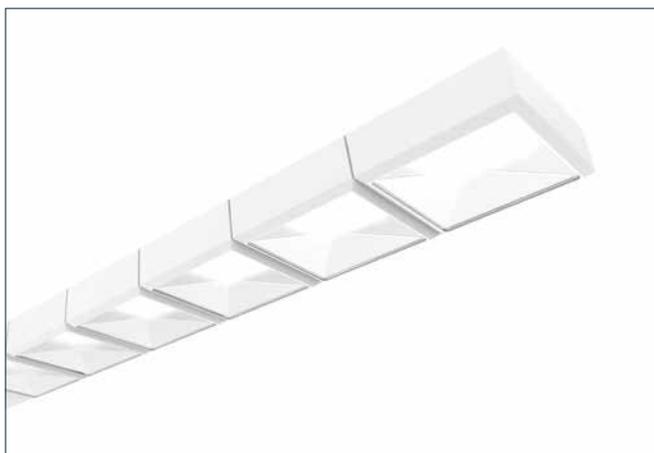
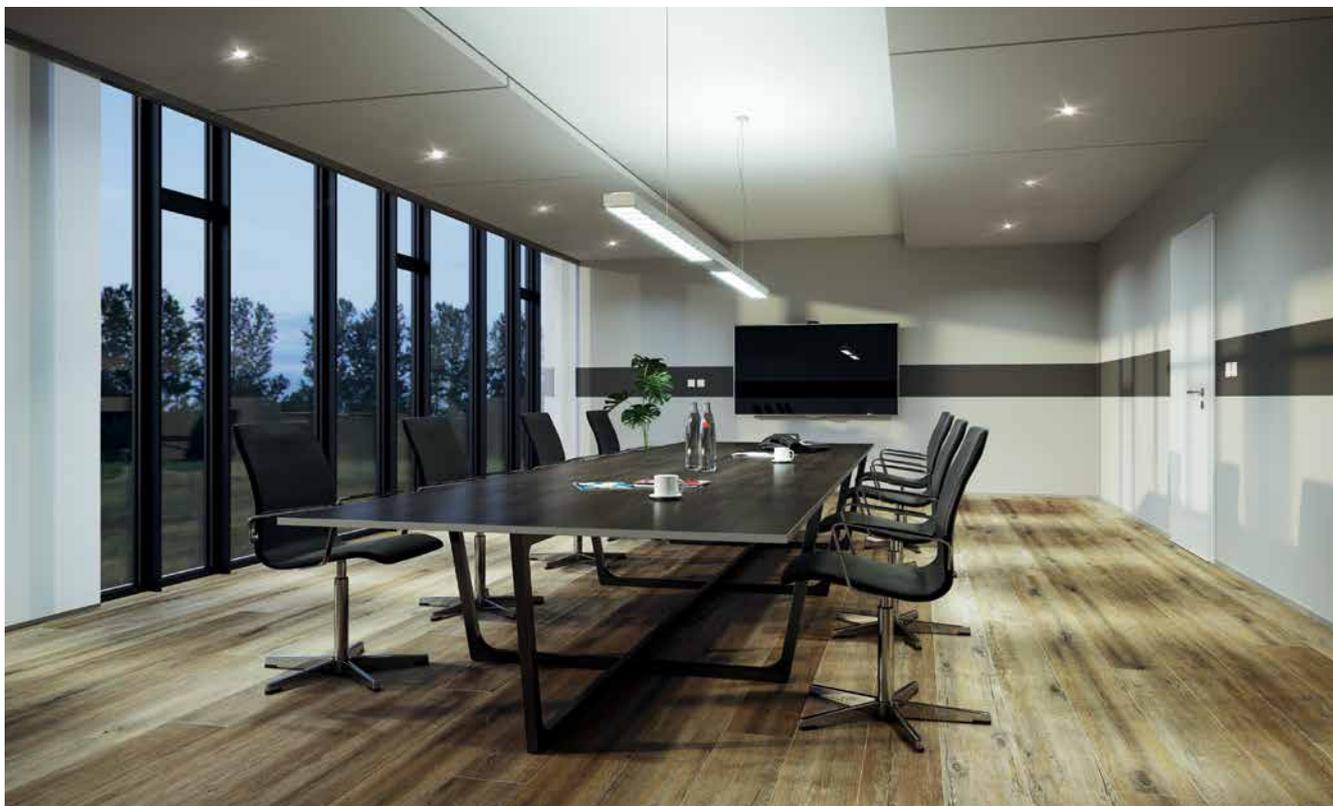
Superb design meets leading-edge technology

Innovative LED technology, progressive optics and state-of-the-art design: Scriptus® was specially developed to meet lighting requirements in modern office environments. Thanks to innovative technology and functional design, it sets new benchmarks in contemporary office lighting.

The new, multi-level optical system brings outstanding visual comfort. Separately controllable lighting components enable a high degree of individual customization and deliver the greatest visual comfort possible. Its outstanding glare reduc-

tion ($UGR \leq 16$) goes far beyond the regulatory requirement for lighting at computer workstations.

On top of this, the luminaires also make a striking impact in representative surroundings such as foyers, lounges, reception areas and conference rooms.



Scriptus® at a glance

- Luminaire range for surface and pendant mounting
- High-quality lighting technology with new optical system for glare-free visual comfort
- Optimum glare reduction ($UGR \leq 16$)
- High efficiency of up to 135 lm/W
- Maximum planning flexibility thanks to various lengths and luminous intensities as well as a wide range of control options
- Available with Tunable White functionality for biodynamic lighting concepts

Outstanding lighting with the biologically dynamic Scriptus® range

Good work demands good lighting, and optimum visual conditions make concentration easier. A pleasantly illuminated environment also boosts motivation and enhances the atmosphere of well-being.

Biologically effective light makes a particularly valuable contribution. This is, on the one hand, light with a higher blue component/color temperature, and, on the other hand, wide-area indirect lighting with high illumination levels.

Dynamic light with brightness levels and light colors that vary according to the time of day supports the natural human biorhythm and plays an important role in enhancing well-being and raising performance levels.



Tunable White for Human Centric Lighting concepts

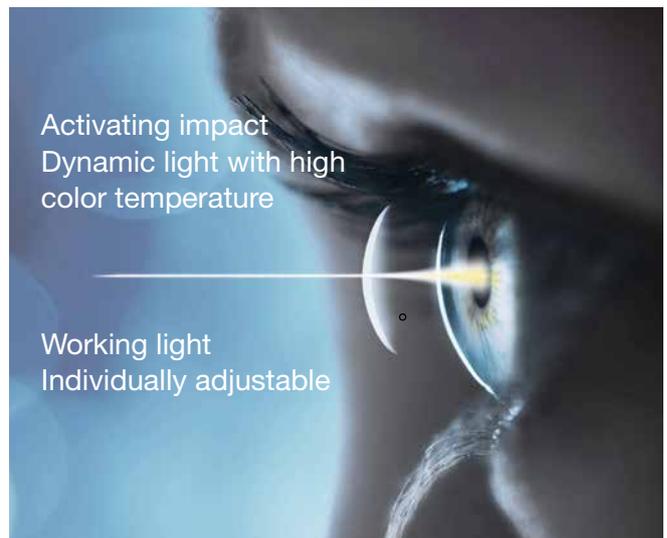
The activating effect of light depends not only on the light color but also on a wide-area light source (indirect lighting) and a correct angle of incidence for the light beam entering the eye.

Along with dynamic colour-temperature control, a second crucial component is the combined brightness level. The desired activating effect also requires high vertical illumination levels in the upper field of view in accordance with the individual design concept.

Scriptus® utilizes this approach to simulate the spectral quality and constantly changing color temperature of daylight in a range from 3000K to 6500K, so delivering the best-possible lighting levels.

The Tunable White versions in this luminaire range can be used to implement compelling Human Centric Lighting concepts. Precisely adjustable color temperatures and brightness levels, plus a wide number of control options, ensure a professional level of implementation:

- Color temperature adjustable from 3000K to 6500K, with high light intensity
- DALI DT 8.0 standard ensures accurate color temperature settings and convenient control
- Direct and indirect components can be controlled separately

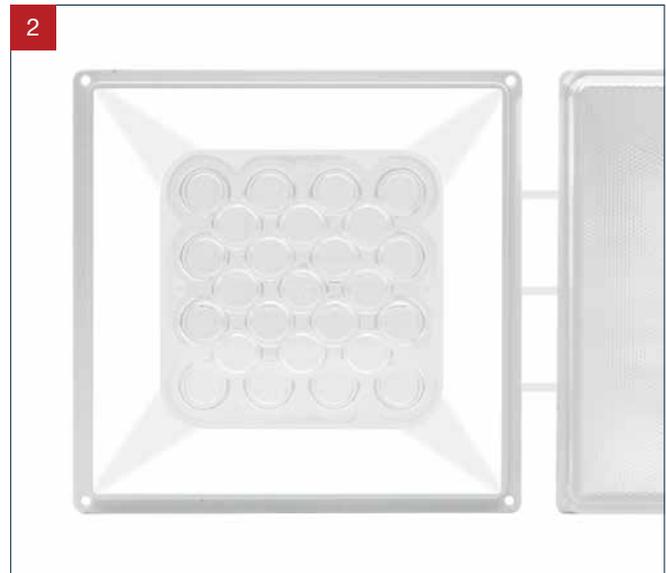


Superb lighting technology – Scriptus[®], a compelling concept

Scriptus[®] combines modern design with innovative technology to fulfill all the requirements of modern office lighting. Scriptus[®] is a lighting tool that provides high luminous flux and complies with all relevant glare control criteria. To illuminate different office environments in an ideal fashion, Scriptus[®] has versions for both surface and pendant mounting, and comes in various lengths and lumen packages. All luminaires in the range are available with static CCT or as Tunable White versions, enabling the implementation of intelligent and biodynamic lighting concepts.

Progressive lighting technology for maximum visual comfort

At the core of Scriptus[®] is a newly-developed, dual-level optical system made up of primary lens cluster, mixing chamber and micro-lens array. This provides an extremely uniform level of illumination with excellent contrast rendering and glare control. An inherent part of the luminaire design, the lighting technology ensures optimum glare reduction and maximum visual comfort. With a UGR of up to ≤ 16 , the luminaire complies with all relevant criteria for the illumination of computer workstations. What's more, the pendant version of Scriptus[®] features separately controllable direct and indirect light components that permit far-reaching individual configuration.



1) Primary lenses

- Configuration of lenses in front of each LED
- Primary light control
- First level of glare control

3) Micro lens structure

- Micro Lens Array (MLA/patented)
- Transparent structure consisting of around 8,000 micro lenses per chamber, with special light distribution for use at office workplaces.
- Light extraction and second level of glare control

2) Mixing chamber

- Highly reflective material for optimum efficiency
- Light mixing and homogenization
- Optimum results for generation of dynamic white light (Tunable White)

Scriptus® – leading-edge technology for modern lighting solutions

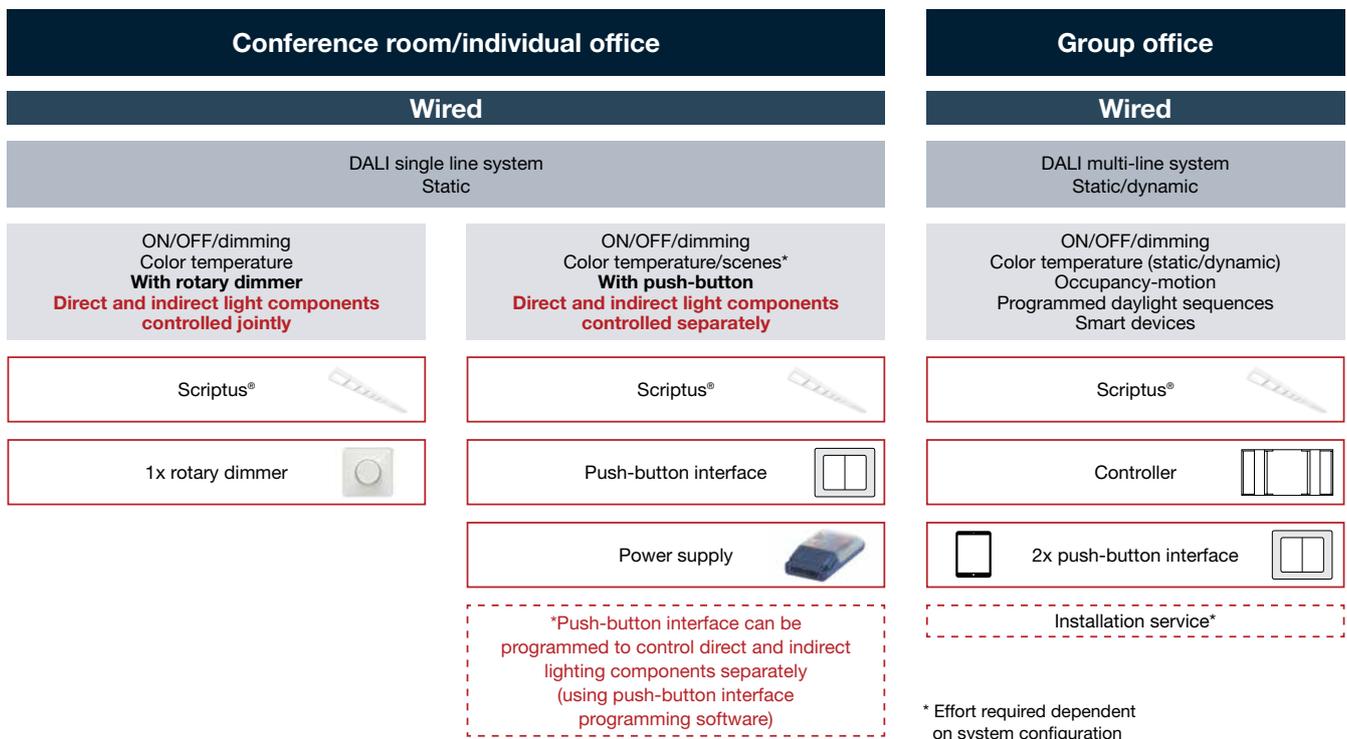
Tunable White luminaires for Human Centric Lighting

Dynamic light with brightness levels and light colors that vary according to the time of day supports the natural human biorhythm and plays an important role in enhancing well-being and raising performance levels. Use of the Tunable White versions in the Scriptus® range of luminaires enables Human Centric Lighting projects to be implemented in a compelling and professional manner.

- Dynamically controllable color temperatures from 3000K to 6500 K with high light intensity
- Advanced control technology based on DALI DT 8.0 brings accurate, convenient control of brightness and color temperature
- Indirect and direct lighting components are separately controllable

Progressive lighting technology for a high degree of visual comfort

The patented Optical Core system used in the Scriptus® range of LED luminaires is based on a combination of louvre and lens technologies. The optical core is surrounded by light-directing structures, increasing the the light-emitting area and minimizing the subjective sensation of glare.



Scriptus® symmetric for surface and pendant mounting



L = 1658 mm | Pendant: 4000K - 8020 lm / 3000K - 7470 lm
Surface: 4000K - 4810 lm / 3000K - 4390 lm



L = 2648 mm | Pendant: 4000K - 13330 lm / 3000K - 12420 lm
Surface: 3000K - 12420 lm

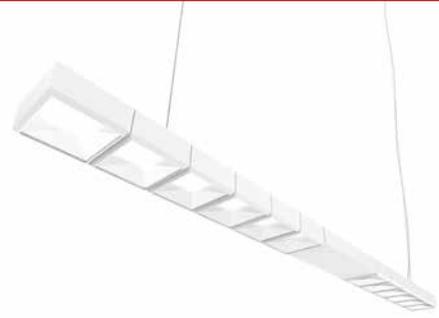


L = 3088 mm | Pendant: 4000K - 16060 lm / 3000K - 14970 lm
Surface: 4000K - 9630 lm / 3000K - 8780 lm



Light distribution
Color temperature
Control
Protection rating
Rated service life
Glare control (at max. luminous flux)
Efficiency
Sensor technology (optional)
Emergency light (optional)

Direct (surface mounted), direct/indirect (pendant)
3000K, 4000K
DALI
IP20
L90 @ 50,000h (B50)
UGR ≤16 (pendant), ≤3,000 cd/m²
Up to 135 lm/W
Daylight, occupancy (combined)
3h, central battery



Scriptus® asymmetric for surface and pendant mounting



L = 1436 mm | Pendant: 4000K - 6650 lm

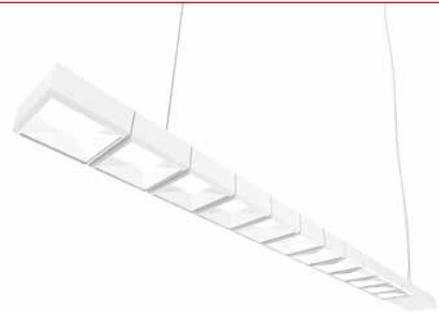


L = 2426 mm | Pendant: 4000K - 12070 lm
Surface: 4000K - 7230 lm



Light distribution
Color temperature
Control
Protection rating
Rated service life
Glare control (at max. luminous flux)
Efficiency
Sensor technology (optional)
Emergency light (optional)

Direct (surface mounted), direct/indirect (pendant)
3000K, 4000K
DALI
IP20
L90 @ 50,000h (B50)
UGR ≤16 (pendant), ≤3,000 cd/m²
Up to 135 lm/W
Daylight, occupancy (combined)
3h, central battery



Scriptus® Tunable White symmetric/asymmetric for surface and pendant mounting



L = 1768 mm | Pendant: TW 3000..6500K - 11150 lm



L = 2648 mm | Pendant: TW 3000..6500K - 13880 lm
Surface: TW 3000..6500K - 7100 lm



L = 3088 mm | Pendant: TW 3000..6500K - 13970 lm
Surface: TW 3000..6500K - 7190 lm



Light distribution
Color temperature
Control
Protection rating
Rated service life
Glare control (at max. luminous flux)
Efficiency
Sensor technology (optional)

Direct/indirect separately controllable
3000...6500K
DALI
IP20
L85 @ 50,000h (B50)
UGR ≤16 (pendant), ≤3,000 cd/m²
Up to 137lm/W surface-mounted variant
Daylight, occupancy (combined)





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