

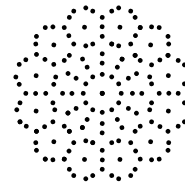
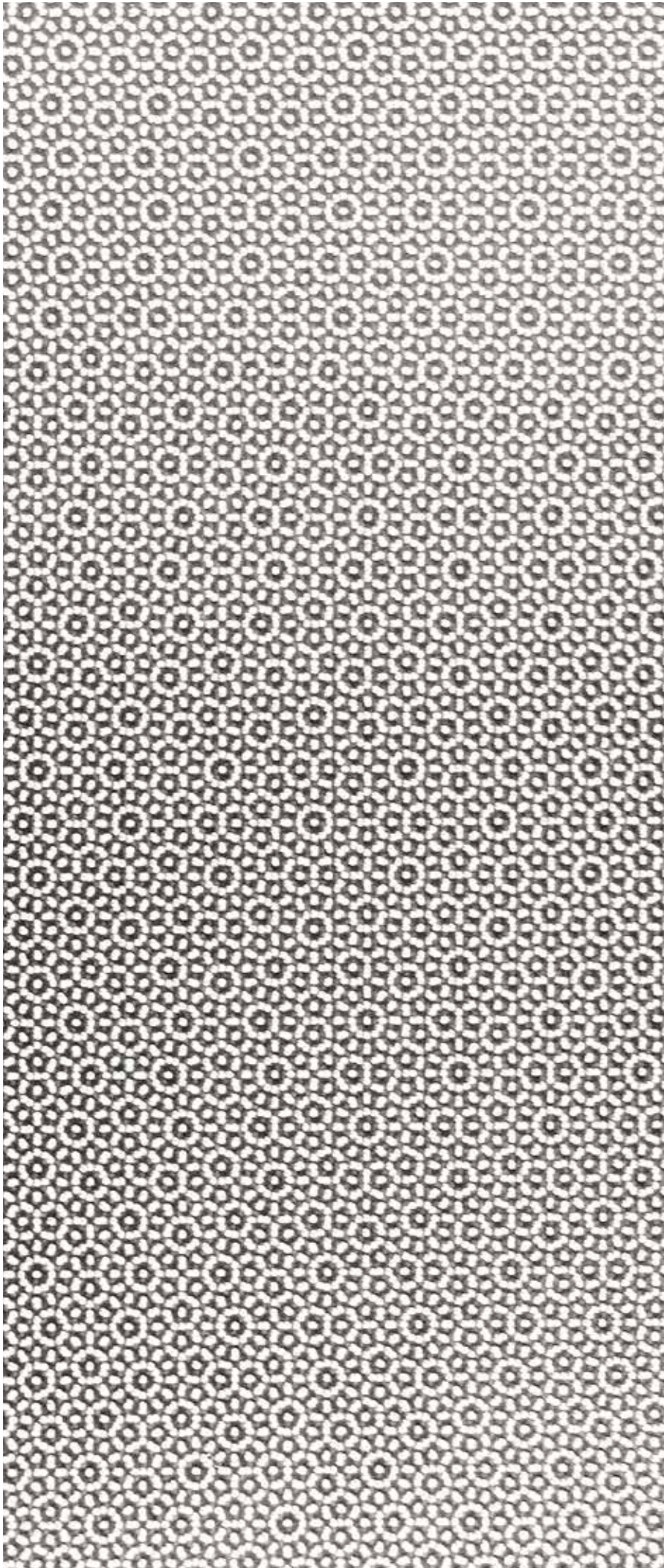
TRILUX
SIMPLIFY YOUR LIGHT.

LATERALO

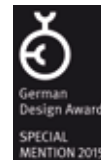
LED
PENDANT LUMINAIRE
SYSTEMS

www.trilux.com/lateralo





Binary Light Guide System®



product
design award

2014 ■



reddot award 2014
winner

DESIGN **PLUS**
powered by: light+building

system concepts and design
hartmut s. engel, design studio

DESIGN STRATEGY

THE ART OF REDUCTION

As a designer with a great affinity towards technology, I find the dynamic developments in the world of LED lighting encourage me to look at a whole range of exciting alternatives. Experimentation at both the technical and the aesthetic level to exploit the enormous freedom of design can give rise to some unusual and unexpected lighting structures.

The Lateralo systems are an excellent example of this. By focusing enthusiastically on a holistic design approach we have been able to develop a product philosophy that is true to the very nature of LED lighting.

Innovative LED technology and bilateral injection of light into transparent plexiglas surfaces have enabled us to make radical structural savings. Lateralo is exclusively comprised of functional elements which are essential in terms of lighting technology and the aesthetics of light.

The Binary Light Guide System that I have devised and that has been perfected by lighting engineers provides a network of duplicate light guide points in two levels. This leads to improvements in efficiency, incredible fullness of light and a pleasant reduction in luminance.

The aesthetic charm of the frame, which gives a high level of precision to the ultra low-profile light surface with its direct and indirect emission characteristics, adds an emotional component to the product architecture.

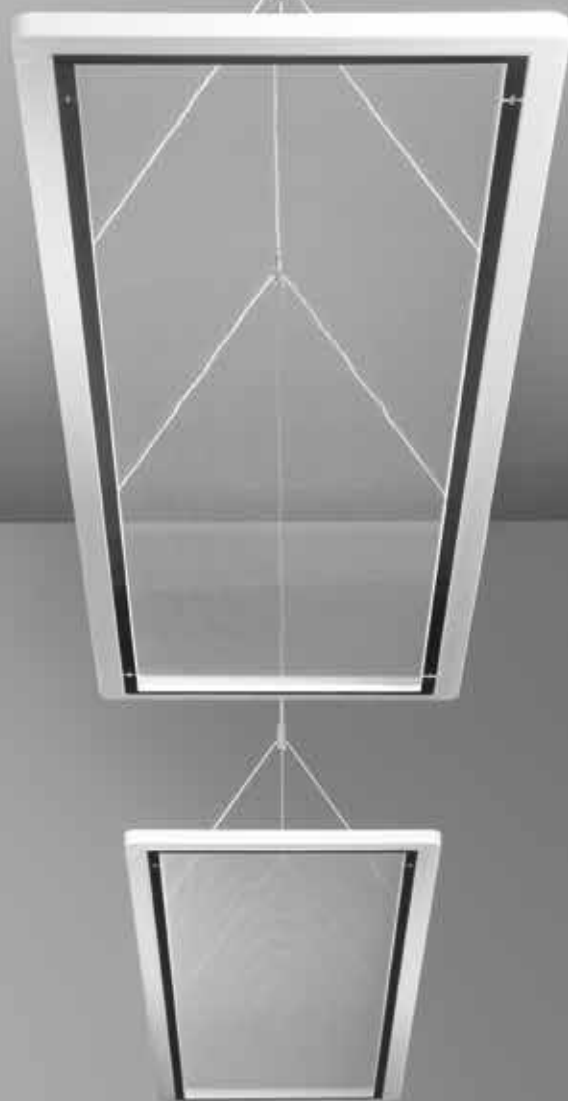
The surprising transformation of the transparent disk into a light-emitting surface within a three-dimensional organic design, coupled with superior quality of light are what characterize the unmistakable appearance of my designs. The luminaire is as beautiful when switched off as it is when switched on.

In my eyes the designs of the Lateralo systems qualify as contemporary art in their tension between functional complexity and aesthetic and physical minimalism.

hartmut s. engel
industrial designer

LATERALO PLUS

MAGICAL
FIRST TRANSPARENCY
THEN LIGHT





AESTHETIC FULL OF TENSION

The almost magical metamorphosis of the transparent optics into a light-emitting surface which bathes the room in light of unexpected fullness gives rise to aesthetic tension. Without any visible power supply each Lateralo Plus provides an incredible amount of light – from 6400 to 9600 lm, in two sizes:

338×1175×14 mm and
338×1455×14 mm.





INNOVATIVE MICROPRISMS FURTHER IMPROVED

The Binary Light Guide System from TRILUX

Lateralo Plus offers impressive, innovative and intelligent two-level networking of the latest prism technology. Homogenous emission from the light surface and aesthetic dynamic light are the result of bilateral edge injection of LED light into two light guide panels with corresponding light guide

points. Compared with a single emission surface, the light is more efficient, more intense and more capable of filling a room (110 lm/W). The optimized 50/50 ratio between direct and indirect light and the balanced luminance create a comfortable atmosphere.

The indirect component allows objects and faces to appear in their best light with pleasing soft shadows. Broader than average distribution of the intense indirect light has an extraordinarily positive effect on rooms with low ceilings or where walls need to be illuminated uniformly in the vertical direction.

The pleasant soft direct light resembles that of the sun and is ideal for screen-based workstations, offering glare-free uniform and motivating light with high illuminance levels for work surfaces.

The Binary Light Guide System not only provides excellent quality of light; it also has a charming appearance all of its own. The light points on the light-emitting surface create a three-dimensional organic look.





FROM FUNCTION TO POETRY

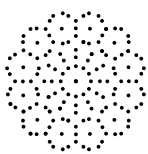
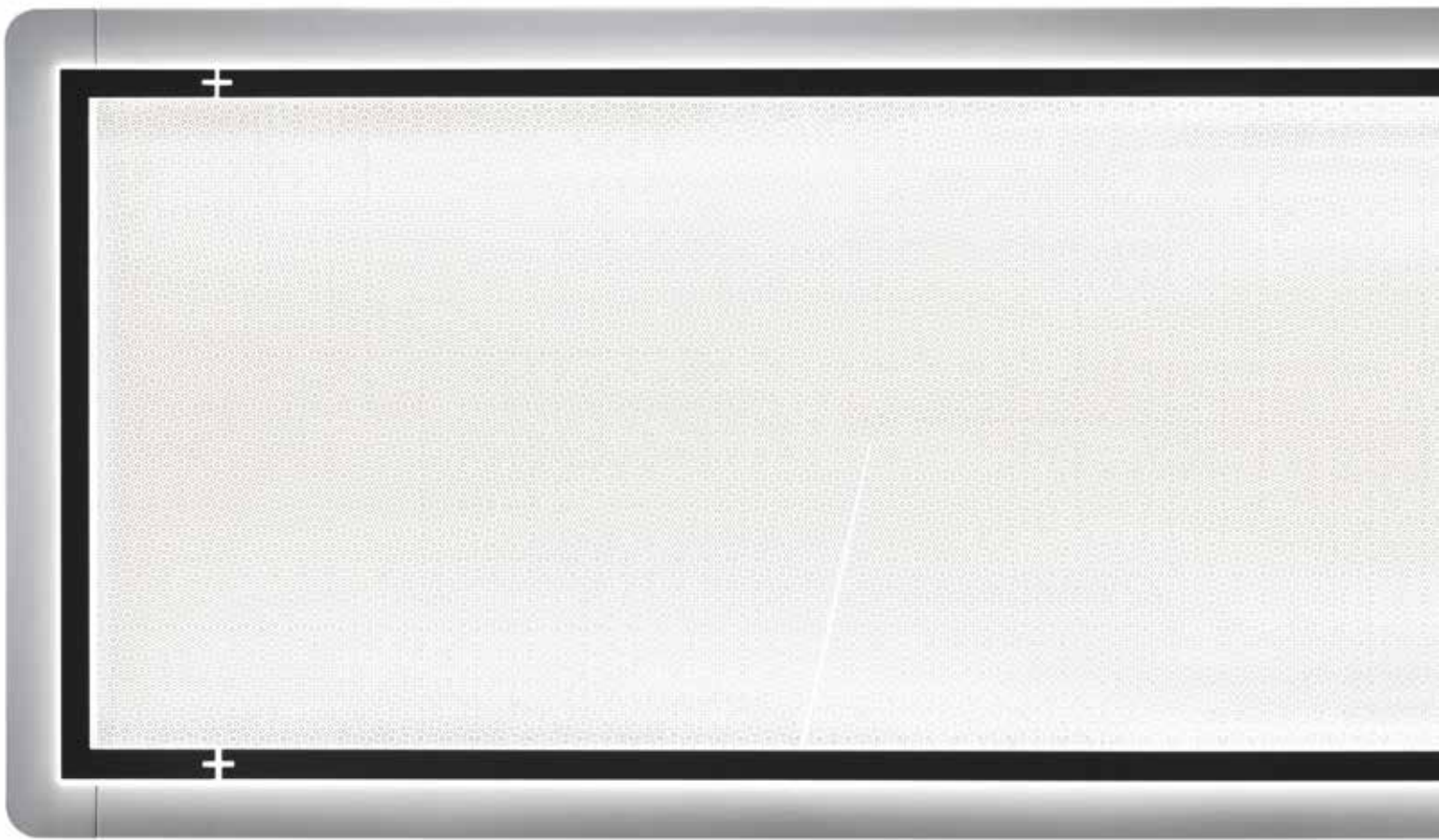
On Lateralo products the functional elements are enriched with sensual components, providing the inspiration for aesthetic experiences which lead to emotional identification with the product. The effect of the white or coloured shining light frame accommodating

the optics and LED system transforms the luminaire into a sensual object. In conjunction with the sunny homogenous light from the ultra low-profile panel, the frame projects the poetry of light into the room.

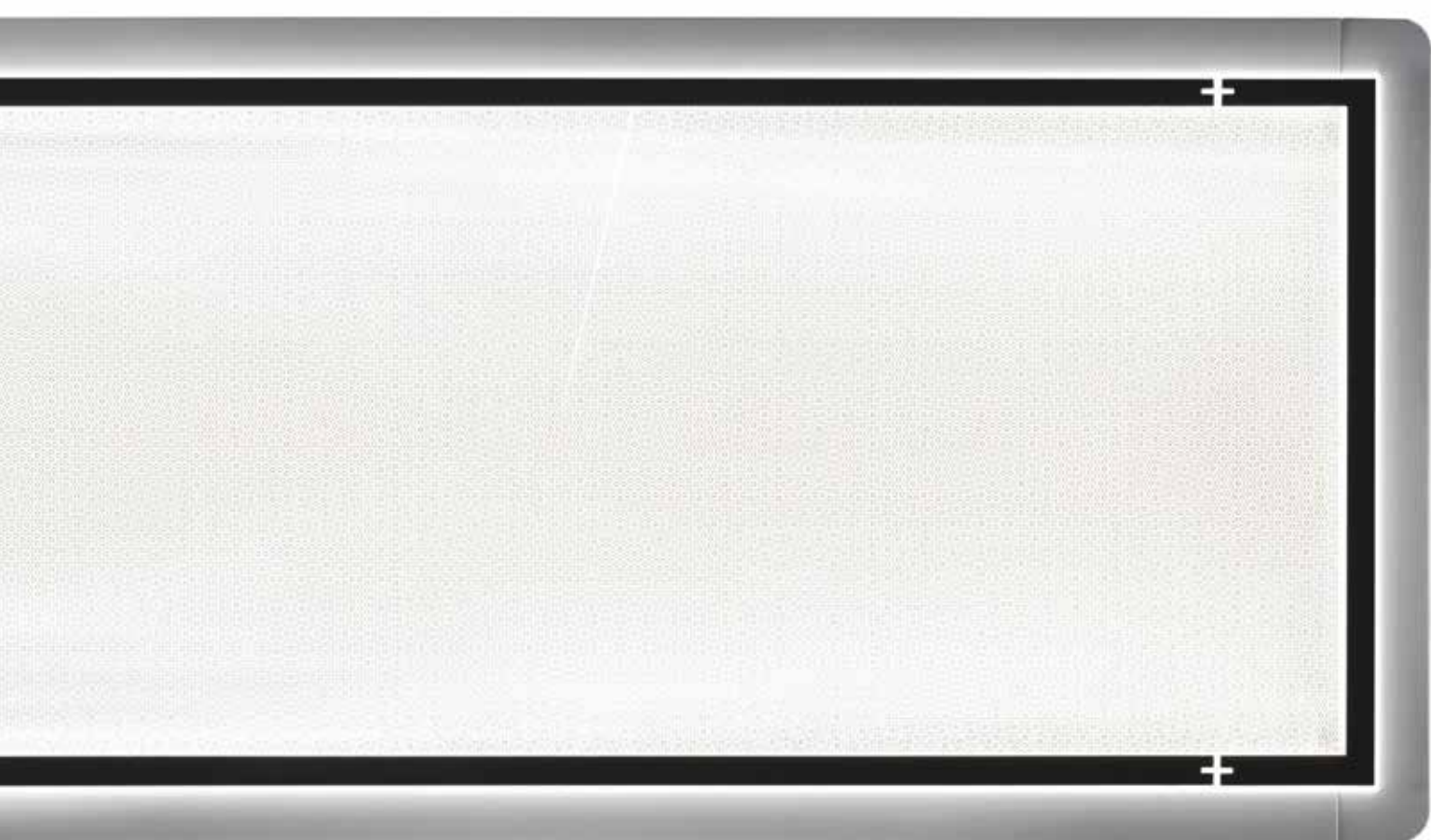
SUPERIOR QUALITY OF LIGHT

Soft glare-free light for pleasant appreciation of characterful faces and objects. For relaxed communication and concentrated screen-based work. Room-filling light – as with a floor-to-ceiling window – for intense illumination of ceilings, walls and work surfaces.

Soft shadows and dynamic light create a unique experience.



Binary Light Guide System®



FLOATING ELEGANCE

Slender lines

The precise lateral line of light at the lower edge of the profile emphasizes the sleek design of this elegant luminaire. There are no intrusive cables to distract from the aesthetics of the light-emitting surface and its minimalist structure. The Lateralo luminaire floats.

Transparency and fullness of light

The delicate wire suspensions creating a floating sensation, undisturbed by the usual power cables, function as low voltage supply for the LED light sources. This sense of weightlessness also transforms Lateralo Plus system luminaires into unique light objects with an unbelievable fullness of light.





INNOVATIVE LED OPTIC OFFICE LIGHT WITH A SENSE OF WELL-BEING

Visual comfort and ceiling proximity

Even when switched off the extremely flat pendant luminaire with a transparent cover blends stylishly into all interiors. But the Lateralo Plus System primarily shows its innate strength during use with its unmistakably attractive, dynamic light, achieving maximum visual comfort with soft general LED light.

This is made possible by the binary optic (BLGS) with an especially wide, indirect light component consisting of 50% of the total light volume. This quality simplifies both lighting design and interior design because the consistent level of wide light distribution significantly extends variability of distances to the ceiling up to mounting just below the ceiling, along with constant, outstanding quality of light.

Glare-free, diffuse LED light with soft shadows

With the intelligent optic and constant direct and indirect light components, the Lateralo Plus system represents a unique quality of light. This is made possible by the innovative Binary Light Guide System (BLGS): With a configuration across two levels and twice the quantity of prismatic points, these points emit LED light to achieve a new quality of glare elimination for very bright LED light characterised by very soft shadowing, in turn achieving maximum levels of visual comfort.

Setting in scene

The flexibility and liveliness of architectural planning is extensively supported by the diversity of the Lateralo luminaire system. Rectangular Lateralo Plus designs and the round Lateralo Ring as an especially prestigious model are together able to emphasise room zones, or else give single rooms an exclusive touch. The unusual transparency of the surfaces and the appealingly dynamic appearance of the LED light in this floating dimension provide rooms with a highly productive sense of modernity, enabling creative work and identification with the room situation to be significantly aided by this lively level of light planning.

Concealed mounting

When installing Lateralo Plus luminaires in open-cell ceilings, a mounting variant can be ordered that conceals the ceiling rose with electronics behind a lay-in surface, preventing these from being seen. Only the delicate wires remain visible to ideally optimise the floating impression.

With a further mounting variant for recessing in ceiling surfaces with cut apertures, the ceiling rose with electronics can be laid in flush to the ceiling, providing a similar appearance to concealed mounting.

The basis version of the flat rectangular ceiling rose is for surface-mounting to ceiling surfaces. The wires are integrated ready for installation, and are connected and mounted without tools via the 2-part structure of the ceiling rose.

Cost savings thanks to luminaire efficiency

The high luminaire efficiency of 110 lm/W for the Lateralo system achieves significant reductions in energy costs.

Wide light distribution combined with the bandwidth of high lumen yield and perfect vertical light components mean that twin workstations in offices can be illuminated with just one Lateralo Plus model. This cuts investment costs even further.

Individualisation with luminous colour accents

Luminaires can be customised by selecting a colour for the precise light frame of the Lateralo Plus luminous surface – CI accents can be set for example or rooms presented according to specific zones or with unmistakable visual codes.

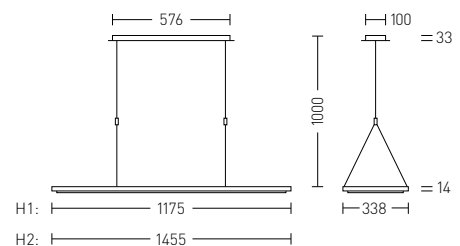


LATERALO PLUS

**Ultra-flat
LED pendant luminaire
with high efficiency
Binary Light Guide System**

Light colour 840=4000 K
Colour rendering RA>80
Further colour temperatures
on request.

Luminous white light frame.
Other colours for housing
and light frame on request.



LATERALO PLUS H1 338 × 1175 × 14 mm

| Housing colour | Product reference | lm | TRILUX Order Code |
|----------------|--|------|-------------------|
| White | LateralOP H1 BLGS 6000-840 ETDD 01 * | 6400 | TOC 63 487 51 |
| White | LateralOP H1 BLGS 7500-840 ETDD 01 | 8000 | TOC 63 650 51 |
| White | LateralOP H1 BLGS 6000-840 ETDD + AM2 01** | 6400 | TOC 63 643 51 |
| Silver | LateralOP H1 BLGS 6000-840 ETDD 03 * | 6400 | TOC 63 488 51 |
| Silver | LateralOP H1 BLGS 7500-840 ETDD 03 | 8000 | TOC 63 651 51 |

** ActiLume versions with daylight/presence sensor with visible sensor cable
limited luminance $L = 3000 \text{ cd/m}^2$
further ActiLume versions on request

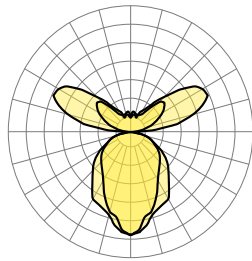
LATERALO PLUS H2 338 × 1455 × 14 mm

| Housing colour | Product reference | lm | TRILUX Order Code |
|----------------|--------------------------------------|------|-------------------|
| White | LateralOP H2 BLGS 7500-840 ETDD 01 * | 8000 | TOC 63 489 51 |
| White | LateralOP H2 BLGS 9000-840 ETDD 01 | 9600 | TOC 63 652 51 |
| Silver | LateralOP H2 BLGS 7500-840 ETDD 03 * | 8000 | TOC 63 490 51 |
| Silver | LateralOP H2 BLGS 9000-840 ETDD 03 | 9600 | TOC 63 653 51 |

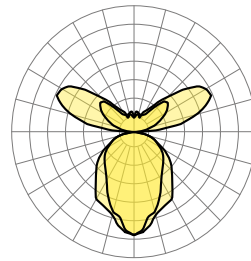
* Versions with limited luminance
 $L = 3000 \text{ cd/m}$ for VDU workstations

INSTALLATION ACCESSORIES FOR H1 AND H2

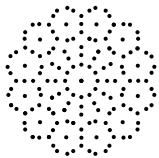
| Product reference | Description | TRILUX Order Code |
|-------------------|--|-------------------|
| LateralOP C | Accessory for flush mounting of the ceiling rose in cut ceilings | TOC 63 491 00 |
| LateralOP MP M84 | Accessory for reinforcement of module plates in Module 625 ceilings | TOC 63 492 00 |
| LateralOP MP M73 | Accessory for reinforcement of module plates in Module 600 ceilings | TOC 63 493 00 |



LDC Lateralop H1
LED6000-840
 50/50 direct-indirect
 light distribution



LDC Lateralop H2
LED7500-840
 50/50 direct-indirect
 light distribution



Binary Light Guide System®

Superior quality of light thanks to perfectly uniform illumination of ceilings, walls and work surfaces.

Glare-free with high luminous intensity and extremely soft shadows for maximum visual comfort and concentrated screen-based work (UGR <19).

High lumen packages from 6400 to 9600 lm. Other light outputs on request.

**LED service life > 50,000 h.
 Luminaire efficiency 110 lm/W.**

Luminaire structure

Luminaire body made of extruded aluminium, end caps of die-cast aluminium. Luminaire body solvent-free, fine-structured, powder-coated. Exclusive light frame with reflector strips made of brushed stainless steel. Cable-less connection between the electronics unit and the light-emitting surface via nickel-plated wire suspension system with two-pin SELV, short-circuit protected. Dimensions (L x W) 1175 x 338 mm, luminaire height 17 mm.

Electrical connection

A separate feed is not needed for supplying power to the light-emitting surface. Power is supplied via the wire suspension system.

Electrical design

With electronic control unit, digitally dimmable (DALI). Control unit and connection elements are located outside the luminaire body in the ceiling connection unit.

We give you 5 years guarantee!

We guarantee not only maximum product quality but we also underline this with the TRILUX Light Guarantee. If you purchase a TRILUX product, we guarantee you absolute satisfaction. Register online with the guarantee code and secure our five-year manufacturer guarantee for your purchased products installed in the EU.

What do you have to do to receive extended guarantee?

If you have bought a TRILUX product, a guarantee code is on the invoice. You have to register this in the Guarantee Manager within 90 days following the purchase date. If we confirm your request, your claim to a guarantee has increased to five years following the purchase date of the specified products.

www.trilux.com/en/service/light-guarantee

Technical modifications reserved.

ETDD

With electronic transformer, DALI dimmable

Housing colour

White:
 finely structured,
 similar to RAL 9016
 Silver:
 finely structured,
 similar to RAL 9006

For data sheets and installation instructions see www.trilux.com/lateralop-plus/

Applications

For innovative prestigious lighting in offices, conference rooms, health care facilities and hotel lobbies.

Optical system

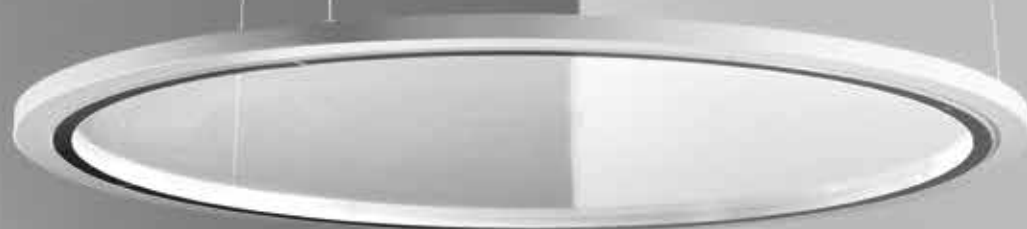
With Binary Light Guide System (BLGS). Optical system comprising two fine-prismatic PMMA light guide panels arranged one above the other for light emission. With direct/indirect light distribution. Indirect component with especially wide distribution. Suitable for screen-based workstations in accordance with EN 12464-1 thanks to limited luminance values of $L=3000 \text{ cd/m}^2$ for emission angles above 65° all round for screens with positive polarity and self-luminance greater than 200 cd/m^2 . Limitation of direct glare in accordance with UGR <19. The especially wide indirect light component provides excellent quality of light even with small distances to ceilings.

LED system

LED system with side injection of light into the Binary Light Guide System. Luminaire luminous flux/connected load 6400 lm = 58W/8000 lm = 75W/9600 lm = 90W. Luminous efficacy 110 lm/W. Light colour neutral white (nw), colour temperature 4000 K, colour rendering index $R_a > 80$, specific parameters for specifying LED service life: L80/B10, ambient temperature (t_a) 25°C , service life 50,000 operating hours.

LATERALO RING

LIGHT
CONCENTRATED



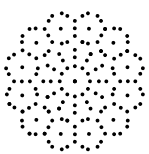


PLANNING FREEDOM

Lateralo Ring achieves unlimited flexibility from the form of the circle, the fundamentally complete architectural form. The transparent minimalist panel with its generous light output (6,000 lm) and high efficiency (>110 lm/W) offers maximum freedom for lighting planners and blends well into any architectural environment. With exceptionally wide indirect light distribution and perfect distribution of light from the direct and indirect components (50:50), the 649 mm diameter Lateralo Ring is photometrically brilliant.

CONCENTRIC POETRY

The effect of the white or coloured concentric light frame accommodating the optics and LED system transforms the luminaire into a sensual object. In conjunction with the sunny homogenous light from the ultra low-profile panel, the frame projects the poetry of light into the room.



Binary Light Guide System®



CIRCULAR LED OPTIC FOR PRESTIGIOUS ROOM LIGHT

Both prestigious and functional

The circular Lateralo Ring is far more than simply an outstanding lighting solution – it's an aesthetically functional statement of individuality. The innovative optical design provides outstanding visual comfort, and the planar, homogeneous light and ideally matched direct and indirect light components illuminate the room in all directions with a high level of diffuse brightness and very soft shadowing. During daylight the Lateralo Ring LED with its timeless floating ring appearance is also an appealing eye-catcher: the optic remains transparent in switched-off state, enabling the futuristic rings to discreetly float in the space. The especially prestigious pendant luminaire with circular design is therefore ideal for the illumination of executive offices and conference rooms.

Ideal, soft light glare-free and concentric

The Binary Light Guide System from TRILUX gives the attractively uniform luminous surface an especially dynamic, aesthetic light appearance. The interplay of perfectly matched direct and indirect light components to a ratio of 50:50 and concentric radiation of light achieves homogeneously illuminated room spaces in all directions. Vertical surfaces and people are bathed in highly pleasant, soft light, and the well-being of people is further supported by very soft shadowing and surprising lack of glare at high brightness levels.

The especially wide, indirect light component also illuminates lower rooms when mounted near to the ceiling with high levels of brightness, uniformity and quality of light, along with maximum visual comfort.

Intelligent design

The frame of the circular pendant luminaire has a height of just 15 millimetres and suspension of the luminous surface is via three filigree length-adjustable wires connected to the ceiling rose. The transparent panel and suspension via three thin wires without visible power cable gives the luminaire a highly delicate appearance, and creates a highly appealing room appearance.

The flat, round ceiling rose can be installed concealed in the ceiling or laid in with accessories, and is also available as a surface-mounted version connected to the ceiling. Corresponding installation accessories are available.

A special feature is the concentric form of the light frame, giving the luminaire a high sense of value. This luminaire element can also be given a highly unmistakable look with colour-lit versions.

Energy-saving

The high energy efficiency of the complete system consisting of high quality LEDs and Binary Light Guide System, achieving luminaire efficiency values in excess of >110 lm/W, also reduces energy costs for prestigious applications.

Wide product range

In a sector dominated by rectangular luminaires, the round Lateralo Ring LED provides an appealing and high-attention contrast. The round design also means that the luminaire can be very flexibly used during light planning.

The Lateralo Ring is part of a large product family, also including the rectangular Lateralo Plus and the continuous line-capable Lateralo Line. Extensive lighting projects can therefore be planned with a uniform overall appearance.

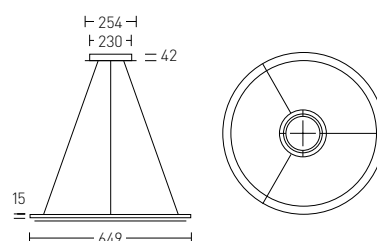


LATERALO RING

**Ultra-flat
LED pendant luminaire
with high efficiency
Binary Light Guide System**
Available from Q1 2015.

Light colour 840=4000 K
Colour rendering RA > 80
Further colour temperatures
on request.

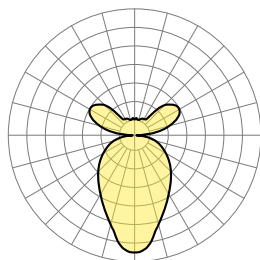
Luminous white light frame.
Further colours for housing
and light frame on request.



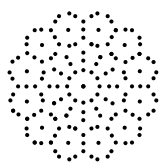
| LATERALO RING | | Ø 649 × 15 MM | |
|----------------------|------------------------------------|----------------------|-------------------|
| Housing colour | Product reference | lm | TRILUX Order Code |
| White | Lateralor H1 BLGS 6000-840 ETDD 01 | 6000 | TOC 63 672 51 |
| Silver | Lateralor H1 BLGS 6000-840 ETDD 03 | 6000 | TOC 63 673 51 |

MOUNTING ACCESSORIES

| Product reference | Description | TRILUX Order Code |
|-------------------|---|-------------------|
| Lateralor C | Mounting accessory for flush mounting of the ceiling rose in cut ceilings | TOC 63 674 00 |
| Lateralor MP M84 | Accessory for reinforcement of module plates in Module 625 ceilings | TOC 63 675 00 |
| Lateralor MP M73 | Accessory for reinforcement of module plates in Module 600 ceilings | TOC 63 676 00 |



LDC LateraloR H1
LED6000-840
 50/50 direct-indirect
 light distribution



Binary Light Guide System®

Superior quality of light thanks to perfectly uniform illumination of ceilings, walls and work surfaces.

Glare-free with high luminous intensity and extremely soft shadows for maximum visual comfort (UGR 19).

High 6000 lm lumen package.
Other light outputs on request.

LED service life >50,000 h.
Luminaire efficiency >110 lm/W.

ETDD

With electronic transformer,
 DALI dimmable

Housing colour

White:
 finely structured,
 similar to RAL 9016
 Silver:
 finely structured,
 similar to RAL 9006

For data sheets and installation instructions see
www.trilux.com/lateraloring/

Applications

For the innovative, prestigious lighting
 of executive offices and conference rooms.

Optical system

With Binary Light Guide System (BLGS).
 Optical system comprising two fine-prismatic PMMA light guide panels arranged one above the other for light emission.
 With direct/indirect light distribution. The especially wide indirect light component provides excellent quality of light even with small distances to ceilings.

LED system

LED system with side injection of light into the Binary Light Guide System. Luminaire luminous flux/connected load 6000 lm/54W. Light colour neutral white (nw), colour temperature 4000 K, colour rendering index $R_a > 80$, specific parameters for specifying LED service life: L80/B10, ambient temperature (ta) 25°C, service life 50,000 operating hours.

Luminaire structure

Luminaire body of die-cast aluminium, solvent-free, fine-structured, powder-coated. Exclusive light frame with reflector strips of brushed stainless steel. Cable-less connection between the electronics unit and the light-emitting surface via nickel-plated wire suspension system with two-pin SELV, short-circuit protected. Diameter 649 mm, luminaire height 18 mm.

Electrical connection

A separate feed is not needed for supplying power to the light-emitting surface. Power is supplied via the wire suspension system.

Electrical design

With electronic control unit, digitally dimmable (DALI). Control unit and connection elements are located outside the luminaire body in the ceiling connection unit.

We give you 5 years guarantee!

We guarantee not only maximum product quality but we also underline this with the TRILUX Light Guarantee. If you purchase a TRILUX product, we guarantee you absolute satisfaction. Register online with the guarantee code and secure our five-year manufacturer guarantee for your purchased products installed in the EU.

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www.trilux.com/en/service/light-guarantee

Technical modifications reserved.

LATERALO LINE

PRECISE
FRAME

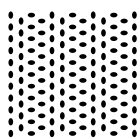
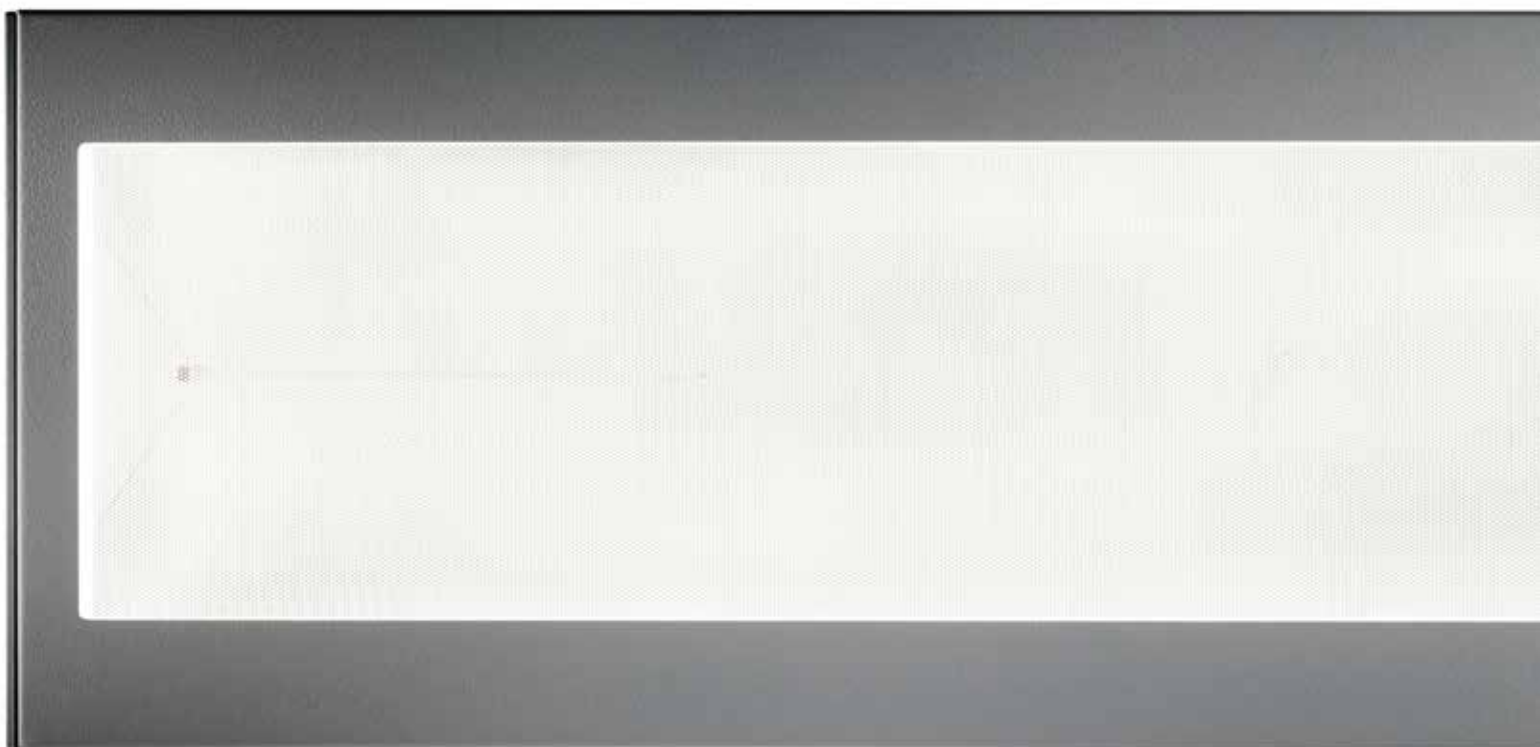




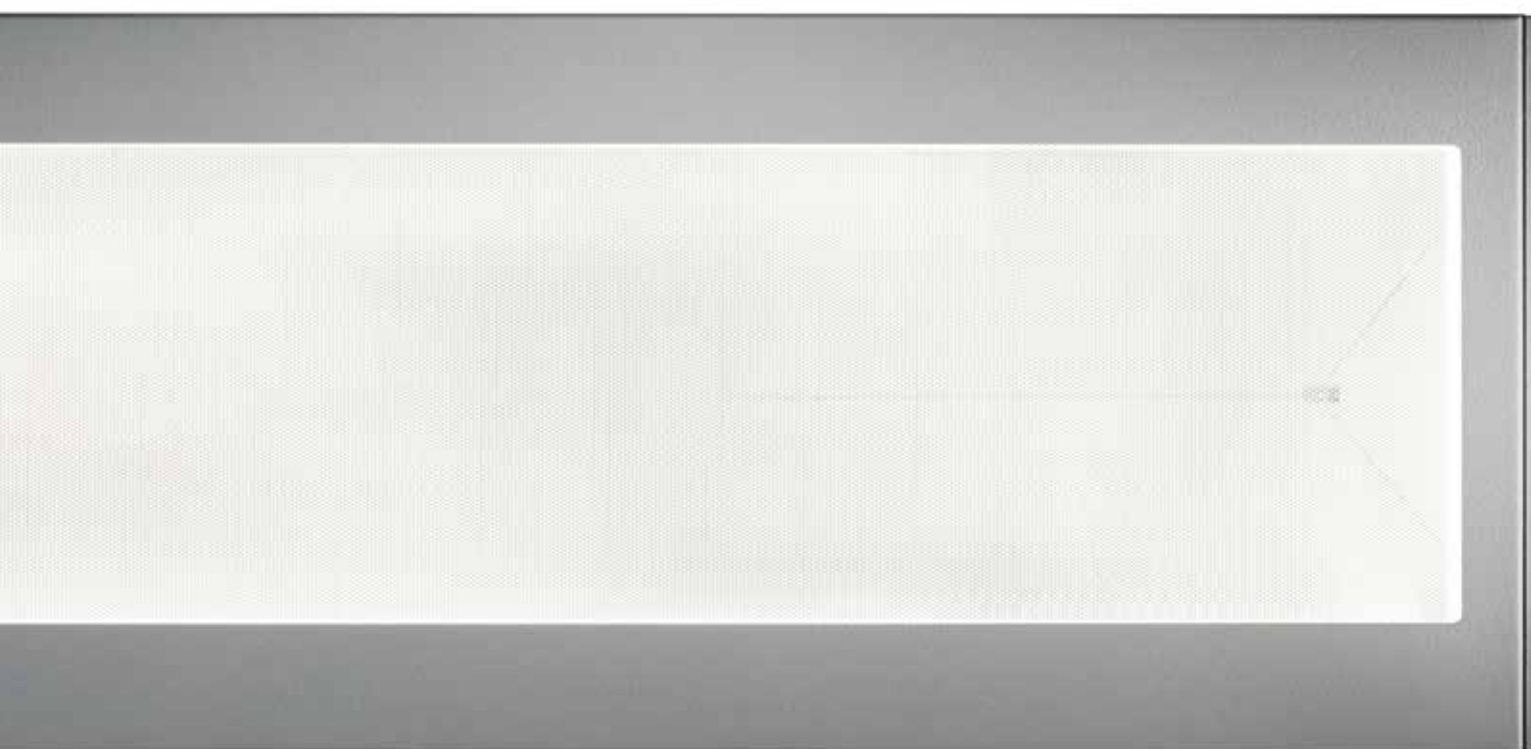
CONCISE FORM

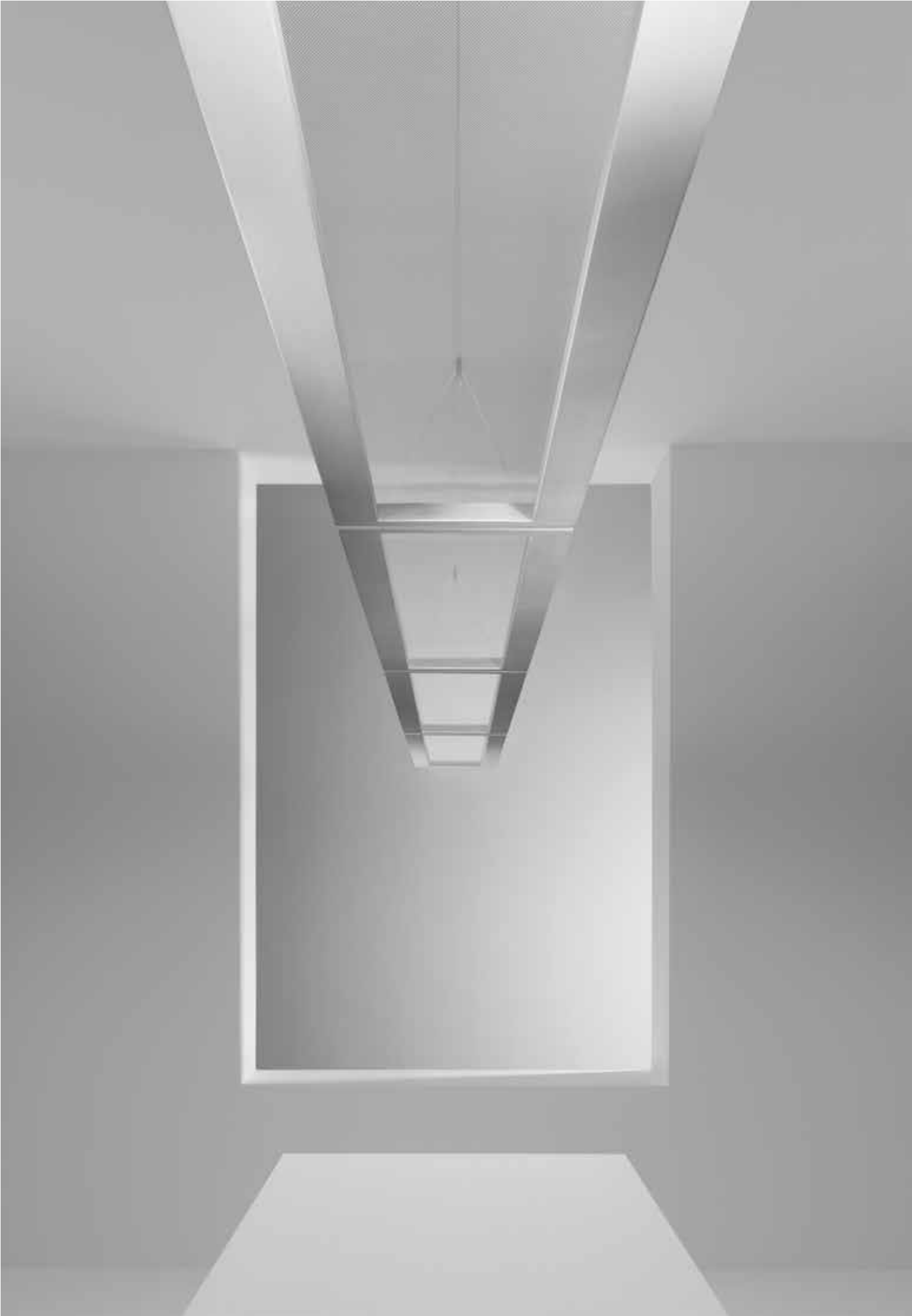
Homogenous light-emitting light guide system for room-filling light with extremely wide indirect emission and intense direct light.

Electronic components such as the LED driver and sensor technology are completely integrated in the slim housing.



TRILUX Light Guide System







THE MODULAR SYSTEM

FROM SINGLE LUMINAIRES TO CONTINUOUS LINES

A timeless design.

The consistently flat, cubic appearance together with a transparent sense of weightlessness and high quality of light characterise the design of the Lateralo Line. The flat construction with central, embedded transparent panel blends discreetly and harmoniously into all interiors, and the purist design makes the Lateralo Line timeless and very adaptable to a diversity of architectural surroundings. The linear transparency blends ideally into the interior space.

High visual comfort with soft LED light.

The innovative TRILUX Light Guide System (LGS), a specifically developed single-panel optic consisting of transparent panel and light injection on two sides, with a prismatic level for light emittance, is a highly efficient optic for this luminaire system.

The room-filling light with direct/indirect distribution at a ratio of 55:45 is experienced as being pleasantly soft, and with an extremely wide indirect light component achieves highly homogeneous room lighting with well-illuminated wall surfaces and persons. The high level of lighting comfort is supported with soft shadowing that makes demanding visual tasks highly pleasant.

Light management. Economic and efficient.

If required, the Lateralo Line is available with an integrated light management system, making the luminaire especially economic and providing light according to needs.

Performance pure. As single luminaires or continuous lines.

In addition to the single luminaire for workstation lighting, the continuous line version with consistent linear appearance is configured with ease to create flexible arrangements for work zones in larger rooms. The space is designed linearly and homogeneously with light.

Free planning. Flexible mounting.

With perfectly matched direct and indirect components, Lateralo Line guarantees outstandingly homogeneous, wide distribution light independent of the mounting height – with single luminaires and especially in continuous line configurations. The through-wiring of the continuous line and sensor elements for daylight control simplify planning in many buildings.

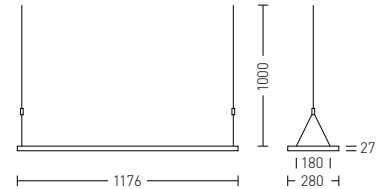
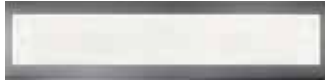


LATERALO LINE

Exclusive LED pendant luminaire with direct-indirect light

Light colour 840=4000 K
Colour rendering RA 80
Further colour temperatures on request.

Further housing colours on request.



LATERALO LINE

SINGLE LUMINAIRES

280×1176×27 mm

| Housing colour | Product reference | lm | TRILUX Order Code |
|----------------|---------------------------------------|------|-------------------|
| White | LateraloL H LGS 4200-840 ET 01 | 4300 | TOC 63 640 40 |
| White | LateraloL H LGS 4200-840 ETDD 01 | 4300 | TOC 63 640 51 |
| White | LateraloL H LGS 4200-840 ETDD +AM2 01 | 4300 | TOC 63 642 51 |
| Silver | LateraloL H LGS 4200-840 ET 03 | 4300 | TOC 63 641 40 |
| Silver | LateraloL H LGS 4200-840 ETDD 03 | 4300 | TOC 63 641 51 |
| Silver | LateraloL H LGS 4200-840 ETDD +AM2 03 | 4300 | TOC 63 635 51 |

LATERALO LINE

CONTINUOUS LINE VERSIONS

280×1176×27 mm

CONTINUOUS LINE LUMINAIRE Central luminaire or end luminaire with continuous line coupling incl. Y wire suspension

| | | | |
|--------|-------------------------------------|------|---------------|
| White | LateraloL H-LM LGS 4200-840 ET 01 | 4300 | TOC 63 724 40 |
| White | LateraloL H-LM LGS 4200-840 ETDD 01 | 4300 | TOC 63 724 51 |
| Silver | LateraloL H-LM LGS 4200-840 ET 03 | 4300 | TOC 63 725 40 |
| Silver | LateraloL H-LM LGS 4200-840 ETDD 03 | 4300 | TOC 63 725 51 |

FEED LUMINAIRE

First luminaire

with mains cable and to end caps incl. Y wire suspensions

| | | | |
|--------|-------------------------------------|------|---------------|
| White | LateraloL H-LA LGS 4200-840 ET 01 | 4300 | TOC 63 726 40 |
| White | LateraloL H-LA LGS 4200-840 ETDD 01 | 4300 | TOC 63 726 51 |
| Silver | LateraloL H-LA LGS 4200-840 ET 03 | 4300 | TOC 63 727 40 |
| Silver | LateraloL H-LA LGS 4200-840 ETDD 03 | 4300 | TOC 63 727 51 |

FEED LUMINAIRE

First luminaire MASTER

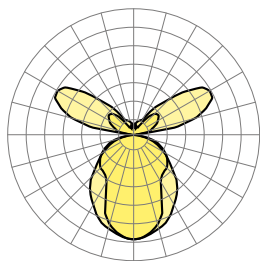
for daylight control, with mains cable and two end caps, incl. Y wire suspensions

| | | | |
|--------|--|------|---------------|
| White | LateraloL H-LA LGS 4200-840 ETDD +AM2 01 | 4300 | TOC 63 728 51 |
| Silver | LateraloL H-LA LGS 4200-840 ETDD +AM2 03 | 4300 | TOC 63 729 51 |

CEILING ROSES

for ceiling outlets

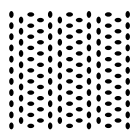
| | | |
|---------------------|--------|---------------|
| White, round | ZAA/01 | TOC 46 017 00 |
| White, square | ZAE/01 | TOC 46 917 00 |
| Silver-grey, round | ZAA/03 | TOC 46 018 00 |
| Silver-grey, square | ZAE/03 | TOC 46 918 00 |



LDC LateraloL H LGS

LED4200-840

55/45 direct-indirect
light distribution



TRILUX Light Guide System

Glare-free – UGR 19

LED service life >50,000 h

Luminaire efficiency 93 lm/W

Housing colour

White:

finely structured,
similar to RAL 9016

Silver:

finely structured,
similar to RAL 9006

For data sheets and installation instructions see
www.trilux.com/lateralo-line/

Applications

For innovative and prestigious
office lighting.

Optical system

With Light Guide System (LGS) Optical system from a transparent fine prismatic PMMA light guide panel. The LEDs inject the light directly in the side of the LGS. With direct/indirect light distribution. Indirect component with extremely wide distribution. Direct glare limitation in accordance with UGR 19. The especially wide indirect light component provides excellent quality of light even with small distances to ceilings.

LED system

Luminaire luminous flux 4300 lm, connected load 46 watts, luminous efficiency of luminaire 93 lm/W. Light colour neutral white (840), colour temperature 4000 K, colour rendering index $R_a > 80$, specific parameters for specifying LED service life: L80/B10, ambient temperature (ta) 25°C, service life 50,000 operating hours.

Luminaire structure

Sheet steel luminaire body,
powder-coated solvent-free.
Dimensions (LW) 1176 280 mm,
Luminaire height 27 mm.

...01...

Luminaire body white powder-coated.

...03...

Luminaire body silver-grey powder-coated.

Electrical connection

Luminaire including transparent cable
for suspension lengths to 1,000 mm.

Electrical design

...ET...

With electronic control unit, switchable.

...ETDD...

With electronic control unit, digitally dimmable (DALI).

...ETDD +AM2...

With electronic control unit, digitally dimmable (DALI). With integral ActiLume control device and sensor unit. For daylight dependent control and presence detection.

We give you 5 years guarantee!

We guarantee not only maximum product quality but we also underline this with the TRILUX Light Guarantee. If you purchase a TRILUX product, we guarantee you absolute satisfaction. Register online with the guarantee code and secure our five-year manufacturer guarantee for your purchased products installed in the EU.

What do you have to do to receive extended guarantee?

If you have bought a TRILUX product, a guarantee code is on the invoice. You have to register this in the Guarantee Manager within 90 days following the purchase date. If we confirm your request, your claim to a guarantee has increased to five years following the purchase date of the specified products.

www.trilux.com/en/service/light-guarantee

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TRILUX GmbH & Co. KG

Heidestraße · D-59759 Arnsberg
Postfach 19 60 · D-59753 Arnsberg
Tel. +49 29 32.3 01-0
Fax +49 29 32.3 01-3 75
sales@trilux.com
www.trilux.com

TRILUX LIGHTING LIMITED

TRILUX HOUSE, Winsford Way
Boreham Interchange
Chelmsford, Essex
CM2 5PD
Tel. +44 12 45.46 34 63
Fax +44 12 45.46 26 46
info.co.uk@trilux.com
www.trilux.com

TRILUX GmbH & Co. KG

Heidestraße
D-59759 Arnsberg
Postbox 19 60
59753 Arnsberg, Germany
Tel. +49 29 32 3 01-0
Fax +49 29 32 3 01-3 75
info@trilux.de

**Product design and
art direction**

system concept and design
hartmut s. engel,
design studio

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All technical data including
dimensional and weight
specifications have been
checked carefully. Errors
reserved. 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.

This brochure was printed on
FSC-certified paper.

www.trilux.com/lateralo

