

alteme[®]



Horizont

Cosy lighting

Horizont

A COMFORTABLE AND HOMELY AMBIANCE FOR ALL APPLICATIONS

The lighting atmosphere in a room has a big impact on people's sense of wellbeing. With their high-quality fabric shades, the Horizont family of luminaires provides a pleasant ambiance, the perfect quality of light and a high level of visual comfort. The ceiling-mounted, pendant and floor luminaires offer an elegant, multi-purpose lighting solution that also reinforces Alteme's reputation as a manufacturer of high-quality Swiss products. Due to their modular design, bespoke lighting solutions tailored to your individual project are also possible, along with the standard range of products for residential, retail and office applications.

INSPIRATION

ELEGANT FABRICS AND TASTEFUL COLOURS COMBINED WITH CUTTING-EDGE LENSES CREATE A PLEASANT, FEEL-GOOD EFFECT



Comfortable conditions promote a sense of both physical and mental wellbeing



Multifunctional and suitable for more than one application



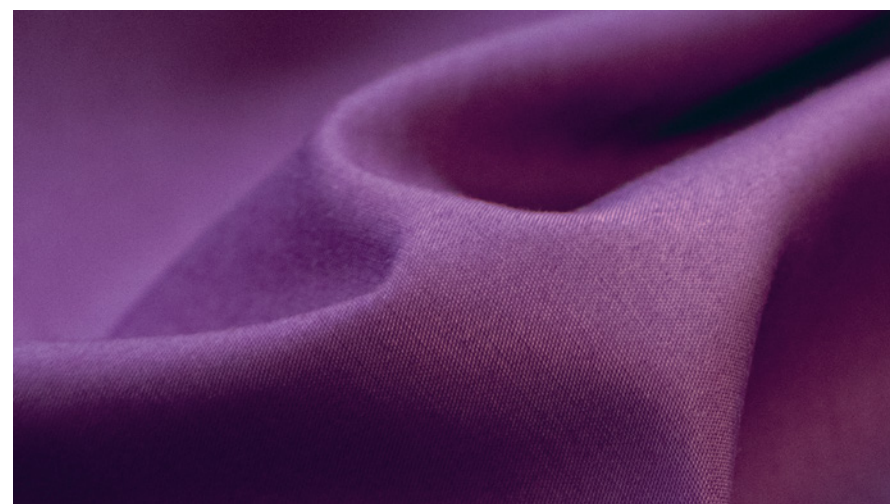
The right amount of light, determined by the space and the activities performed in it



The colours and fabrics of the lamp shades can be changed to match the design of each room, just as chameleons change colour to match their surroundings

PRESENTATION

THE HORIZONTAL FABRIC LUMINAIRES COMBINE VERSATILITY AND AESTHETICS, AND THUS OFFER EXCELLENT VALUE FOR MONEY



APPLICATION

THREE DIFFERENT DESIGNS WITH FABRIC SHADES THAT CAN BE INCORPORATED INTO COLOUR SCHEMES MAKE HORIZONT A VERSATILE AND ELEGANT SOLUTION

VOLG

Location of project: Winterthur, Switzerland

Lighting concept: Neuco AG, Zurich/objekt 13 innenarchitektur, Bern

Photography: Philipp Funke, Zurich



HOUSE BY A VINEYARD
Lighting concept: Neuco AG, Zurich
Photography: Architekturfotografie Gempeler, Bern



ZWEIFEL POMY-CHIPS AG

Location of project: Spreitenbach, Switzerland

Lighting concept: Neuco AG, Zurich/ objekt 13 innenarchitektur, Bern

Photography: Architektur fotografie Gempeler, Bern



PAEDIATRIC PRACTICE IN UETENDORF

Location of project: Uetendorf, Switzerland

Lighting concept: Neuco AG, Zurich

Photography: Architekturfotografie Gempeler, Bern



SWISS LOUNGE IN DOCK A

Location of project: Flughafen Zurich, Switzerland

Lichtkonzept: Neuco AG, Zurich

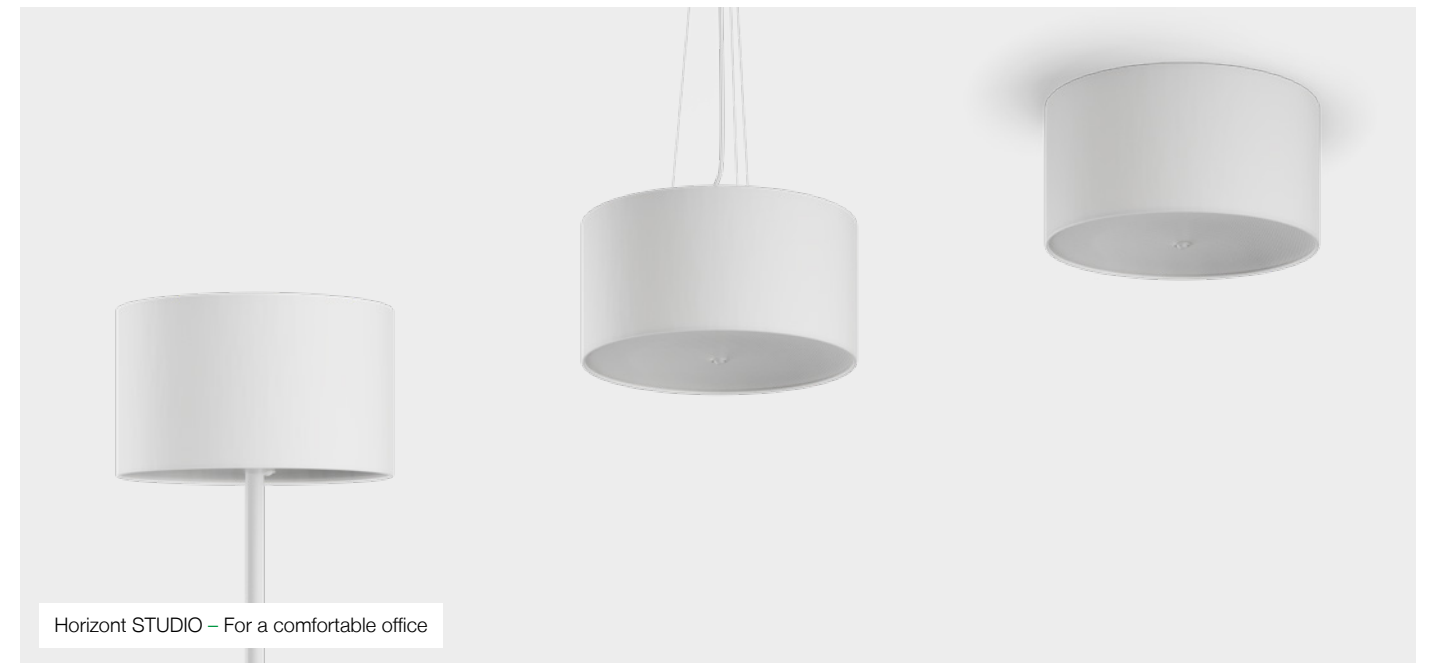
Fotografie: Valentin Jeck, Stäfa



FEATURES & BENEFITS

THE RIGHT LUMINAIRE FOR EVERY SITUATION

The Horizon luminaires combine the homely feeling of fabric with cutting edge LED technology to create a versatile and elegant lighting solution with ceiling-mounted, pendant and floor luminaires. The various designs with high-quality fabric shades create a wonderful atmosphere together. The three designs can provide the perfect solution for any project, regardless of the use case in question. For example, the luminaires provide for a comfortable ambiance in offices and restaurants, as well as in the home.



Horizon STUDIO – For a comfortable office



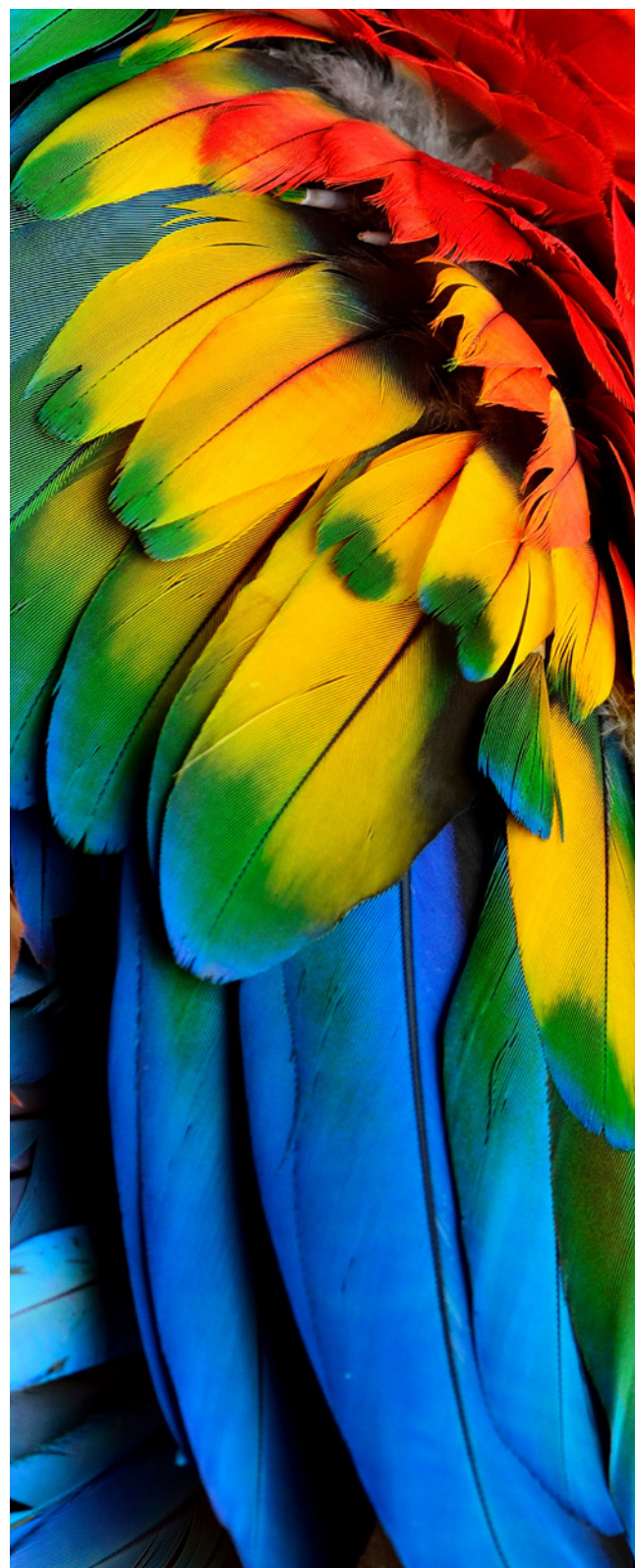
Horizon SEVEN – All different kinds of cosy lighting moods for the home



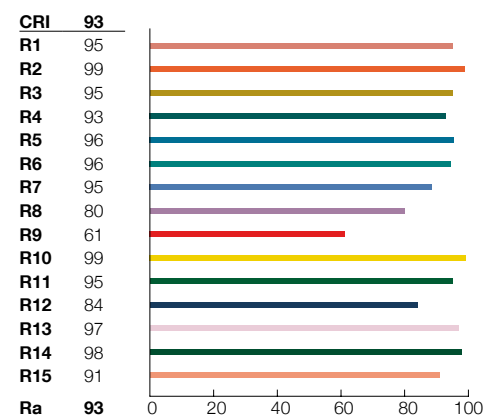
Horizon AURA – For a relaxed and homely ambience even in restaurants

THE BEST COLOUR RENDERING FOR NATURALISTIC LIGHTING

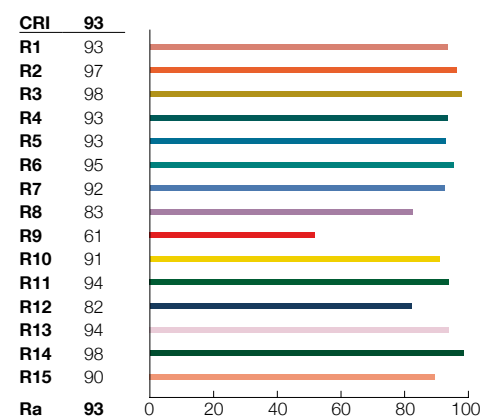
LEDs with a CRI ≥ 90 make designs and objects seem natural and fresh. This naturalistic colour rendering is very important for all applications where colour is crucial – for example in boutiques or retail outlets.



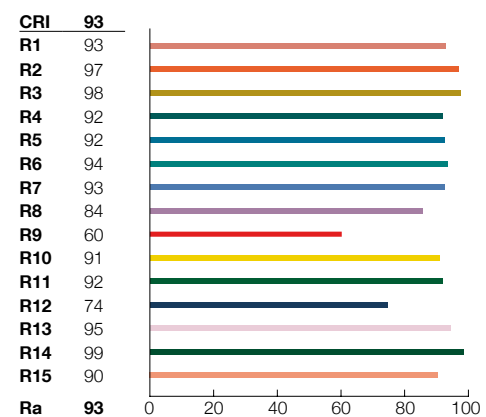
COLOUR RENDERING 2700 K



COLOUR RENDERING 3000 K

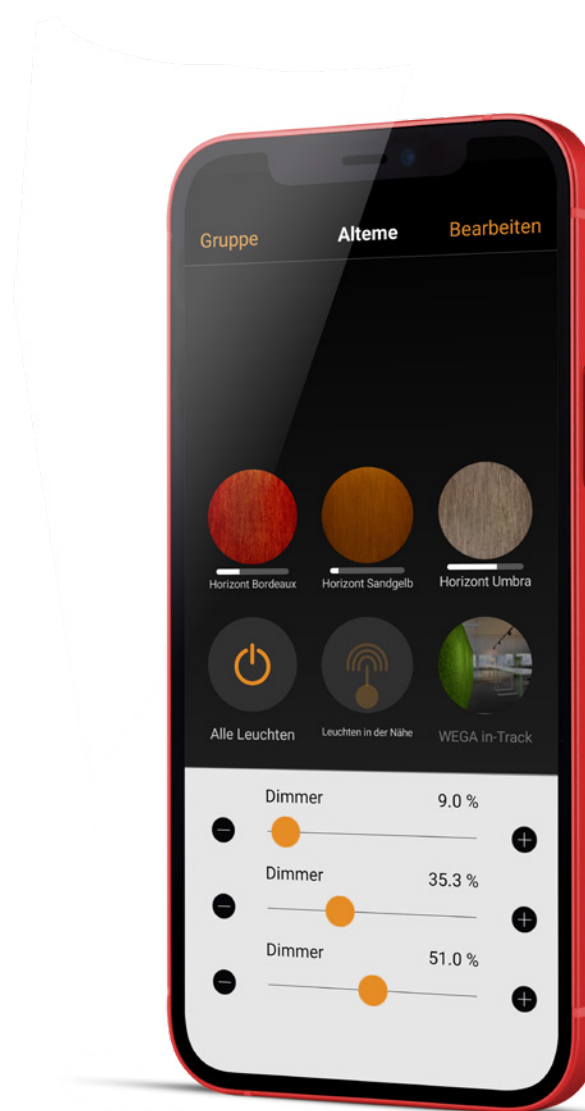


COLOUR RENDERING 4000 K



LIGHTS ON – SIMPLE AND CONVENIENT

Easy to control by smartphone: It's easy to operate Horizon SEVEN and AURA wirelessly using the Casambi app. Among other things, the app allows users to create and store light scenes that are aligned with their individual wishes or requirements. The floor luminaires can also be dimmed or switched off using the pull-cord switch. On request, Horizon STUDIO is also available with Casambi.





INCLUDES A SHADE AND LOTS OF CHARM

There's always more you can do to tweak the ambience to perfection. The right size of shade in polyester, silk, linen or plissé (pleated) fabric plus one of the many colours on offer makes for an outstanding spatial and lighting atmosphere. Whether it's a ceiling-mounted, pendant or floor luminaire, the fabric shades lend the Horizont family of luminaires their cosy, homely feeling, and also enhance one's sense of wellbeing at home, in the office or in a shop.



THE PERFECT CHOICE

THE FABRIC OF DREAMS

Whether it's plissé fabric, silk, linen or polyester, the textile fabric always compliments the beautiful design of the Horizont luminaires. The fabric and colour can be chosen to match the interior design. Whether it's traditional and elegant or an eye-catching feature – the versatile range of colours can satisfy practically any demand.

* Horizont STUDIO is not available in plissé fabric.

PLISSÉ – CLASSICALLY BEAUTIFUL

Plissé fabrics are artificial rather than natural – polyester is the most common material used. Their advantage is their great tear resistance and stability of shape. The fabrics are bound elegantly around the shade, creating the traditional style of plissé (French for pleated).



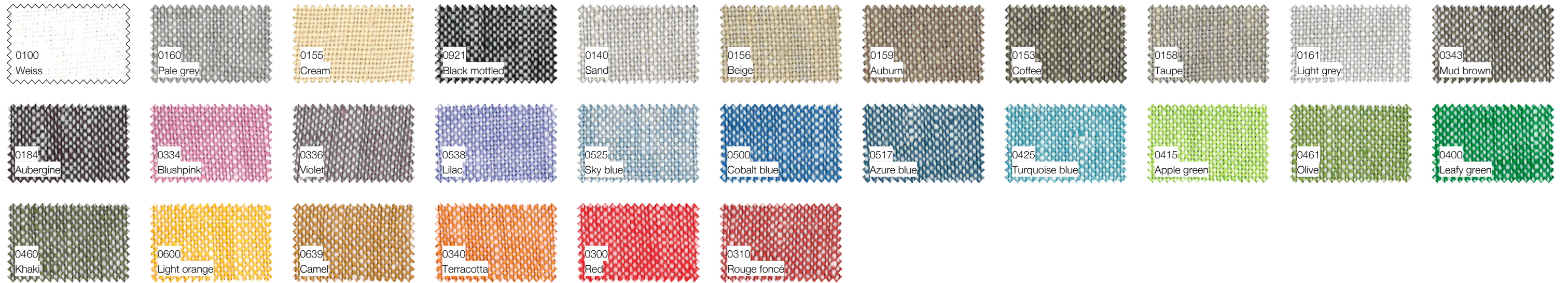
SILK – OF THE FINEST QUALITY

Silk is an animal-derived natural fibre obtained exclusively from the cocoons of silk-spinning worms (bombyx mori). Silk is considered the most noble and finest of fabrics and is the only naturally occurring continuous textile fibre. Due to its smooth surface, silk is slightly dirt-repellent by its very nature and smells do not easily cling to it.



LINEN – FOR ELEGANT EARTH TONES

Cultivated for its discontinuous fibres, flax is an annual blue or white flowering plant, from whose bast flax fibre is obtained. Linen fabrics, which are made from flax fibres, are finely woven and of high quality. Smooth and easy-to-spin fibres, which admit little air, make linen tear resistant, dirt-repellent and antistatic.



POLYESTER – DENSE AND STABLE IN SHAPE

Polyester, a woven fabric made of synthetic fibres, is very dense due to its light, fine fibres, and it therefore repels dirt and water. Thanks to its extraordinary stability in shape and low maintenance properties, polyester is one of the most common materials for furnishings, textiles and clothing.





AN AIR OF LUXURY

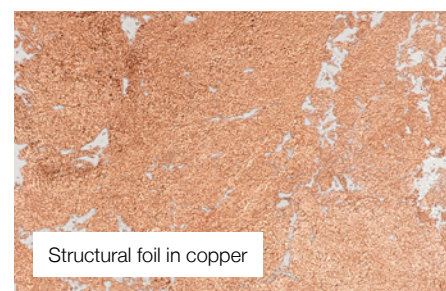
The inside coating of the fabric shade is made of a gold-leaf, silver or copper structural foil, lending the inside of the lampshade a classy sheen. The pattern of the structural foil shines through slightly to the exterior of the shade, adding an elegant accent. The foils are available on request.



Structural foil in gold leaf



Structural foil in silver



Structural foil in copper

PLAYING WITH THE COLOURS

The textile cable sleeves braided with polyester thread for the Horizon SEVEN and AURA pendant luminaires are highly flexible and come in white as standard. Other available colours are black, red, brown and silver. Combined with an appropriate shade colour, the sleeves can create a harmonious appearance – or an intentionally eye-catching contrast. Horizon STUDIO pendant luminaires are fitted with the transparent cable as standard to help integrate them as unobtrusively as possible into office environments.

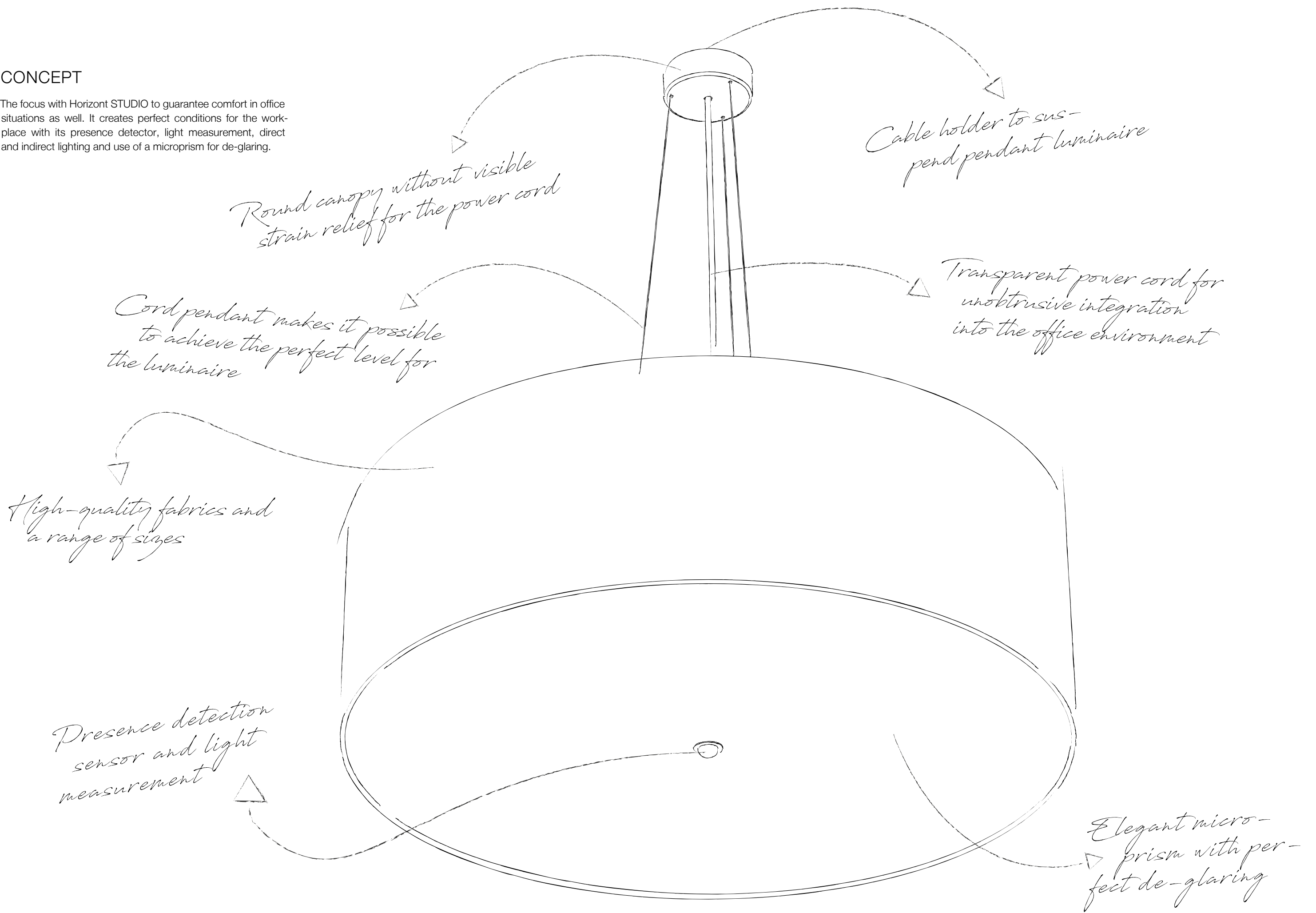
HORIZONT STUDIO

The fabric shade lends Horizont STUDIO a homely and comfortable appearance. The luminaire is exceptionally well suited for use in offices, as a microprism ensures it is pleasantly de-glared in spite of the high luminous flux of its direct light.



CONCEPT

The focus with Horizon STUDIO to guarantee comfort in office situations as well. It creates perfect conditions for the workplace with its presence detector, light measurement, direct and indirect lighting and use of a microprism for de-glaring.



Round canopy without visible strain relief for the power cord

Cable holder to suspend pendant luminaire

Transparent power cord for unobtrusive integration into the office environment

Cord pendant makes it possible to achieve the perfect level for the luminaire

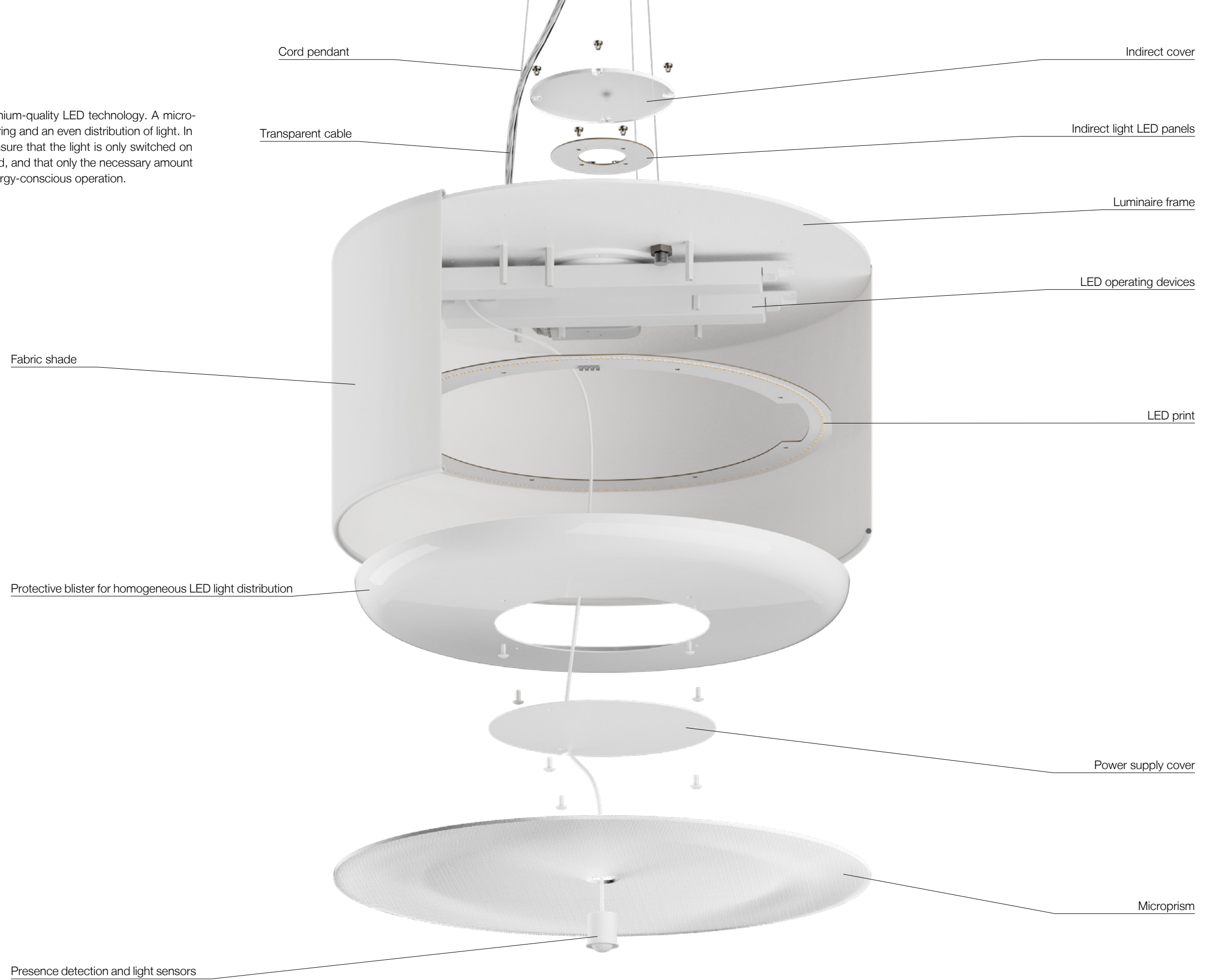
High-quality fabrics and a range of sizes

Presence detection sensor and light measurement

Elegant micro-prism with perfect de-glaring

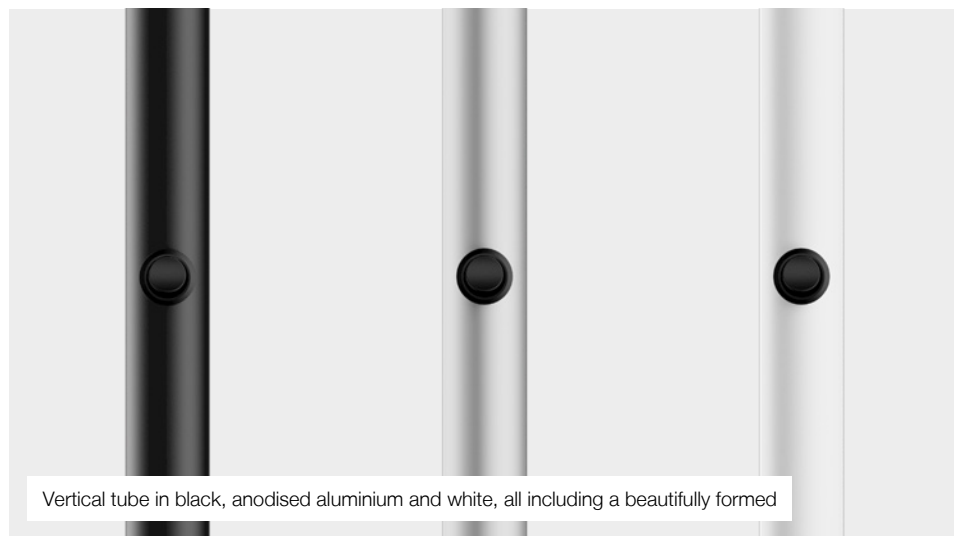
TECHNOLOGY

Horizont STUDIO makes use of premium-quality LED technology. A micro-prism helps to provide perfect de-glaring and an even distribution of light. In addition, motion and light sensors ensure that the light is only switched on when a person's presence is detected, and that only the necessary amount of light is emitted. This makes for energy-conscious operation.



SMART CONTROL AND EASY OPERATION

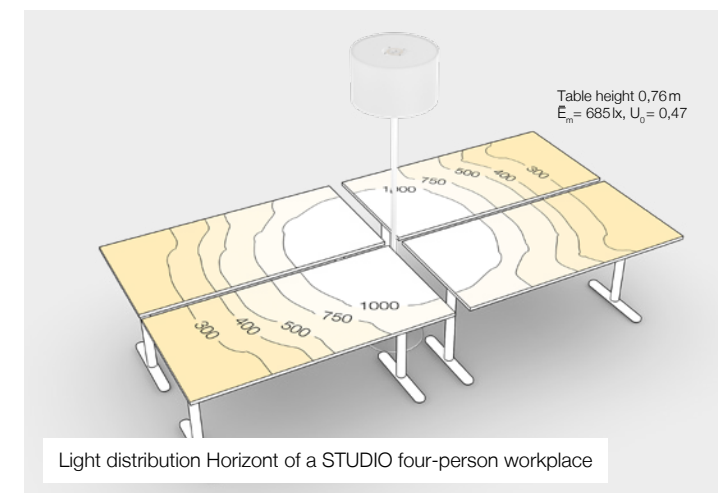
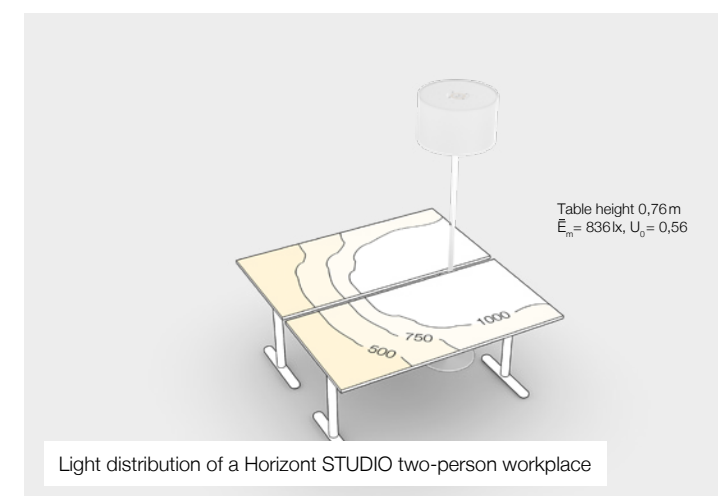
Horizont STUDIO surface-mounted and pendant luminaires are available in On/Off, DALI and Sensoic BASIC control variants. The floor luminaires are available in Touchdim and Sensoic BASIC versions that can be dimmed or set to the desired brightness level via a pushbutton on the vertical tube. On request, Casambi can be used to control everything in the simplest way possible, from switching on and off to dimming or creating complex light scenes.



EVEN DISTRIBUTION OF BRIGHTNESS (ISOLUX)

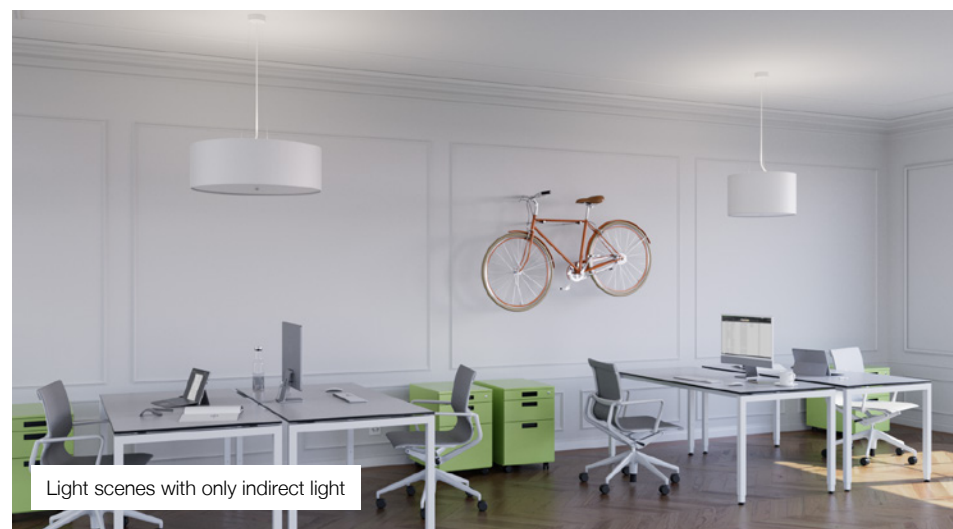
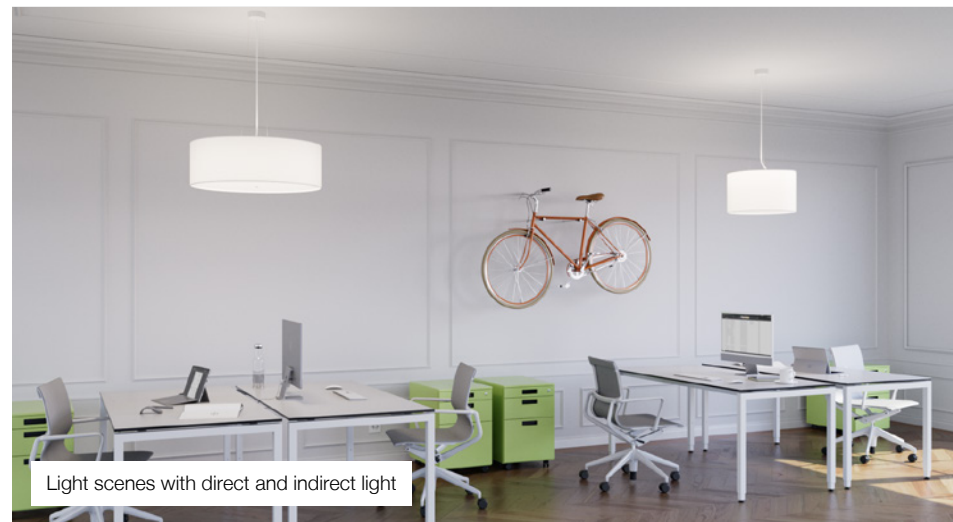
A harmonious distribution of brightness tailored to the room size, colour scheme and furniture surfaces ensures a high level of visual comfort and sense of wellbeing. The Horizont STUDIO floor luminaire ensures that a good distribution of brightness and degree of illuminance are achieved on work surfaces in a variety of workplace configurations.

The basis for the calculation underlying the light distribution curves shown below can be found in the general information.



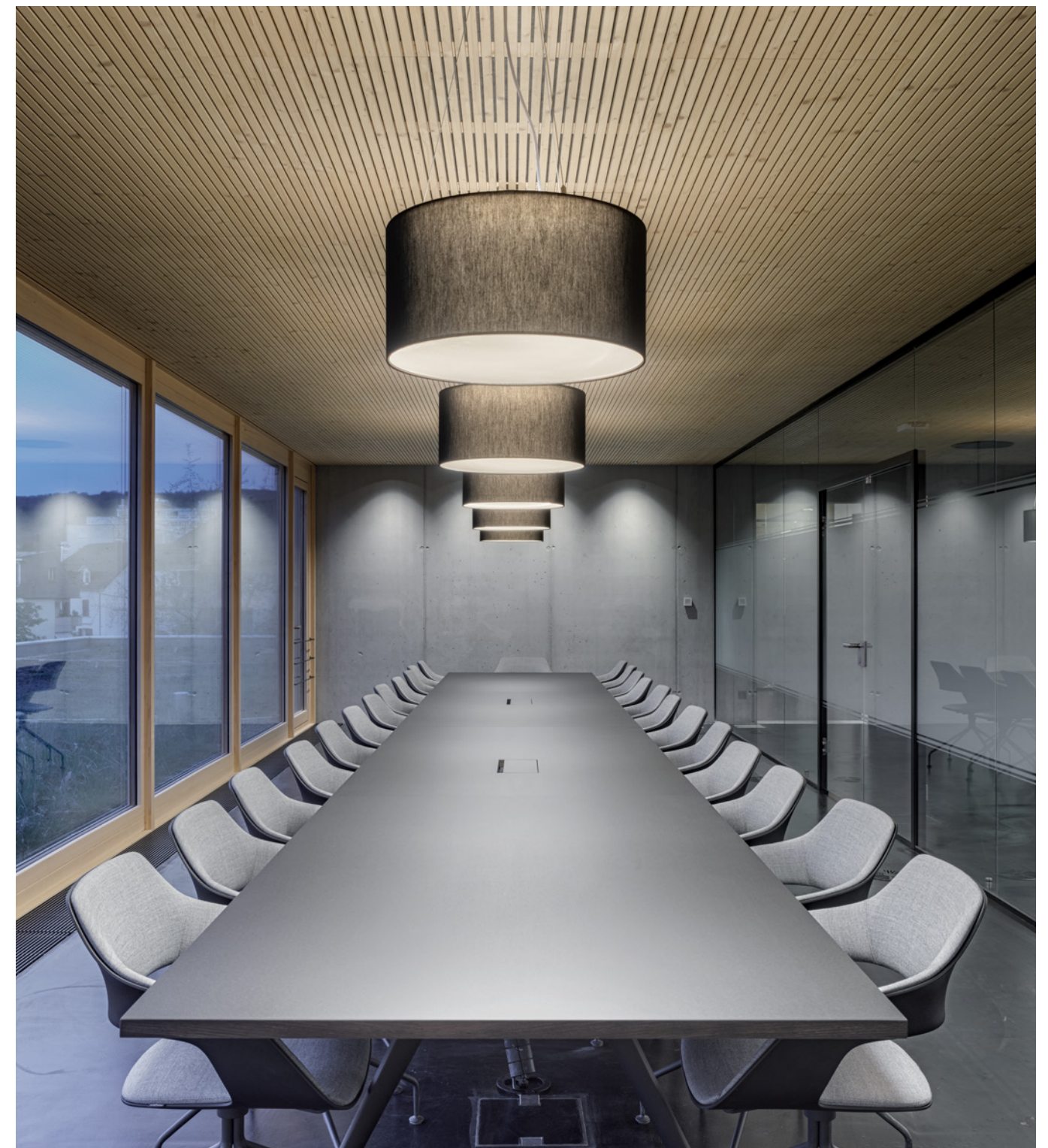
ALWAYS THE RIGHT LIGHT EFFECT FOR THE PERFECT MOOD

Direct and indirect light can be controlled separately on the Horizon STUDIO pendant luminaire via the options offered by DALI – to create specially tailored light scenes, for example. Whether direct/indirect synchronous, direct/indirect asynchronous or simply direct or indirect – you will always find the perfect variant for you, tailored to your individual needs.



THE RIGHT LIGHT FOR EVERY SITUATION

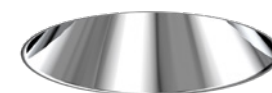
Horizon STUDIO luminaires are available in 3000 Kelvin or 4000 Kelvin colour temperatures as well as in pendant and surface-mounted designs in tunable white (TW). Using DALI DT8 commands, the luminaire can follow the course of daylight or be set to a specific atmosphere with the desired colour temperature. That's why Horizon STUDIO is always very well suited to implementing HCL (human centric lighting) projects.





EASING VISUAL STRAIN

A microprism allows for pleasant reduction of glare, in spite of the very high luminous flux of its direct light. The whole room is bathed in pleasantly gentle, glare-free light with soft shadows, making for a relaxed working atmosphere. The optional variant with the opal lens produces an even softer, more diffuse light.



Aluminium
high-gloss (Standard)



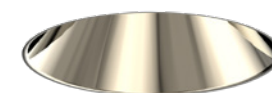
Copper
steamed



Gold
steamed



Bronze
protective varnish coating



Champagne
protective varnish coating

GLARE-FREE LIGHT WITH DARKLIGHT EFFECT

On request, the popular TriTec FORTIS or TriTec S FORTIS downlights can be integrated into the Horizont STUDIO. These are incorporated without flange into the prism and offer additional mood options.

The Horizont STUDIO luminaires come fitted with a matching operating device as standard. The desired TriTec or TriTec S downlight can be ordered in the matching colour and beam angle and fitted directly into the lens.

Downlights come in the high-gloss aluminium colour as standard. Anti-dazzle cones can also be ordered in special colours. A real material vapour deposition technique is used for the gold and copper surfaces. A coloured protective coating is applied to create the bronze and champagne finishes.

HORIZONT SEVEN

Horizont SEVEN is a luminaire designed for homeliness with a whole host of possible applications provided by its technology. Its three light-sources – indirect, environment and downlight – enable seven different light scenes, making for virtually unlimited lighting applications.



CONCEPT

Multifunctionality and comfort – these are the hallmarks of Horizon SEVEN. With its multitude of options for creating light scenes, it creates the perfect mood for every application. Ambiance is the focus of Horizon SEVEN – the choice of materials and variety of colours ensure perfect harmony in living spaces, lounges or restaurants.

Textile cable sleeves braided with polyester thread in a variety of colours make for a harmonious appearance

Ceiling fasteners – for the strain relief for the power cord – with wire rope holder

Cord pendant for perfect suspension

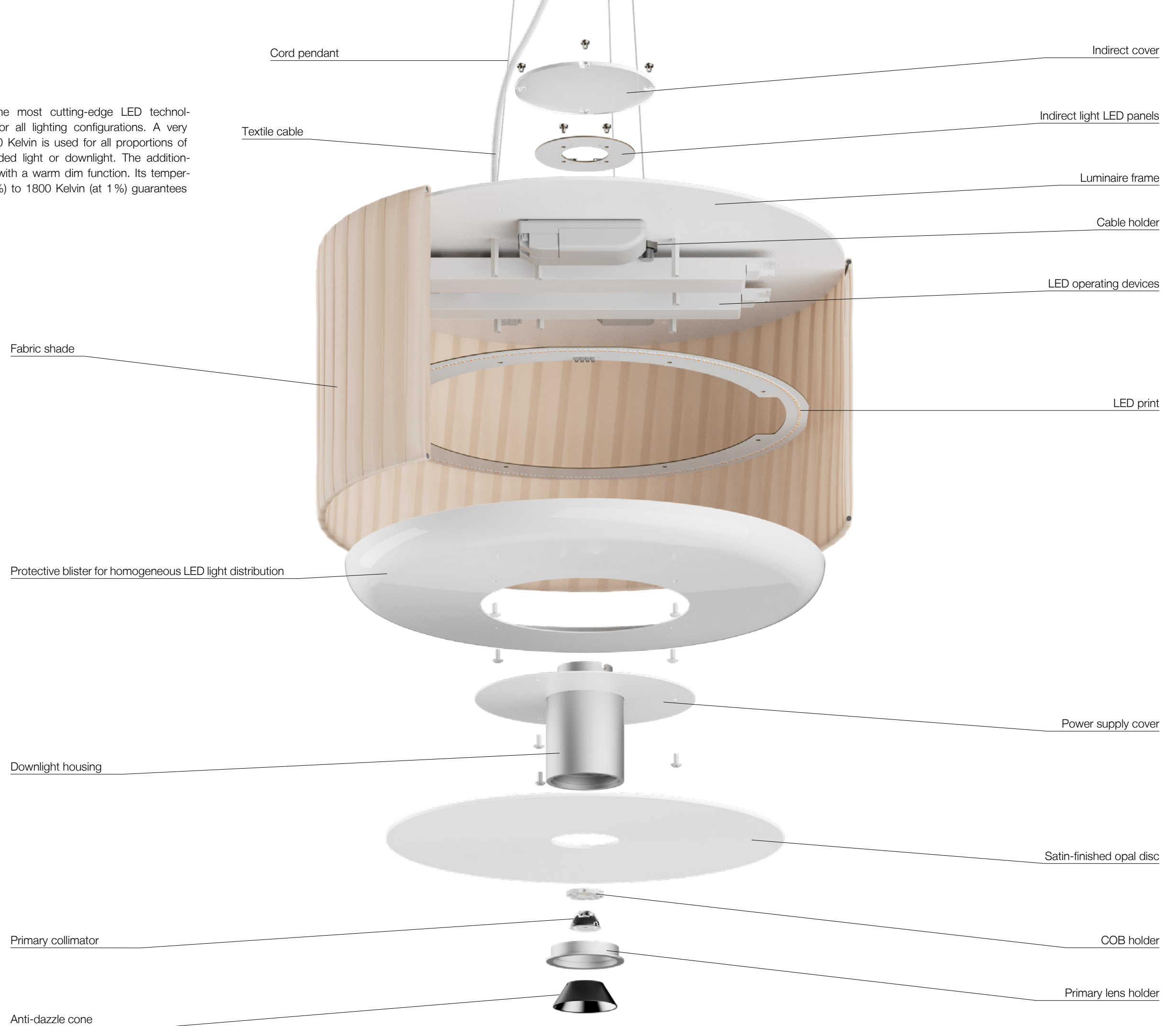
High-quality fabrics and a variety of sizes

Darklight downlight for the best de-glaring possible

Primary lens is set back to allow a view inside the lampshade

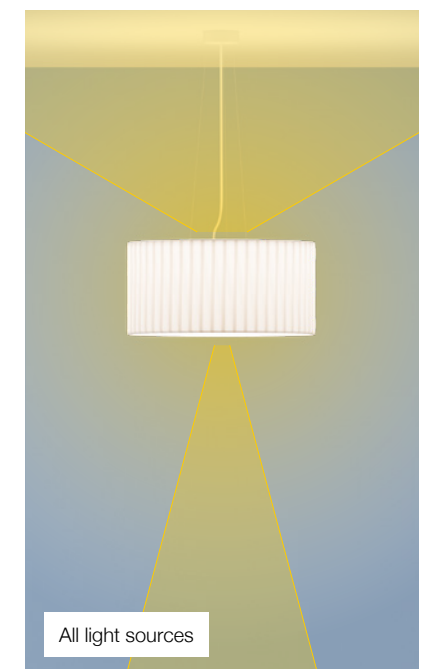
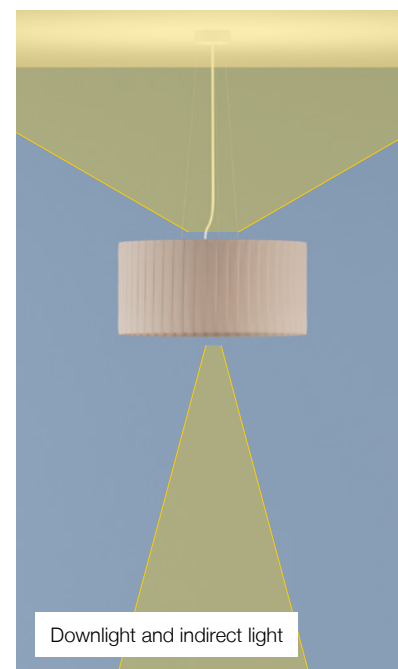
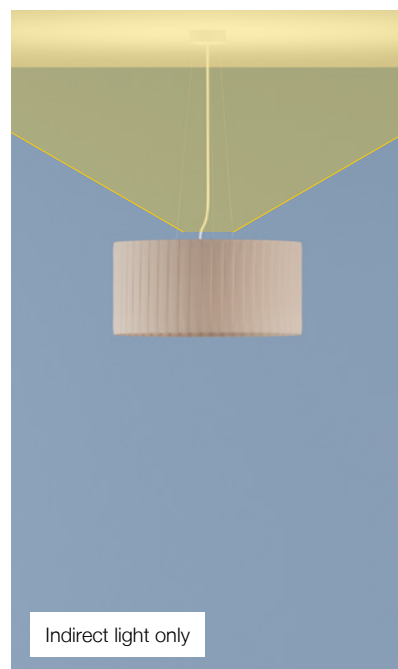
LIGHT QUALITY

Horizont SEVEN makes use of the most cutting-edge LED technology and the highest quality light for all lighting configurations. A very pleasant colour temperature of 2700 Kelvin is used for all proportions of light, whether indirect light, unshielded light or downlight. The additional downlight can also be equipped with a warm dim function. Its temperature range of 2700 Kelvin (at 100%) to 1800 Kelvin (at 1%) guarantees an especially warm and cosy light.



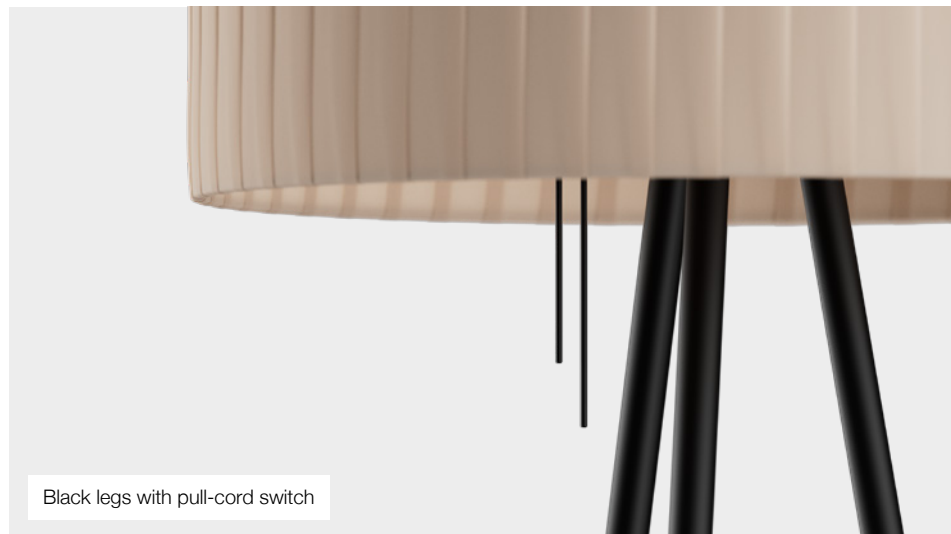
ALL GOOD THINGS COME IN SEVENS

Horizont SEVEN pendant luminaire with its three light sources – indirect light, unshielded light and downlight – can produce seven different light scenes. Each light source can also be dimmed individually. This makes Horizont SEVEN pendant luminaire the most multifunctional lighting tool in Alteme's range of luminaires. The surface-mounted luminaire design does not include indirect light and the floor luminaire does not include the downlight.



PRACTICAL CONTROL AND EASY OPERATION

Horizont SEVEN surface-mounted and pendant luminaires are available in the DALI control variant. The floor luminaire, which has Touchdim, can be dimmed using a pull-cord switch. Both light sources (direct and indirect) can be controlled individually. All three installation types are available with Casambi, which can be used to control everything in the simplest way possible, from switching on and off to dimming or creating complex light scenes.



GLARE-FREE ACCENT LIGHTING

The tried and tested Alteme darklight technology is employed on the downlight in the Horizont SEVEN surface-mounted and pendant luminaires. It is available in 2700 Kelvin and COZI (warm dim: 2700 to 1800 K) versions. In addition to the two colour temperatures, there is a diverse array of beam angles to choose from in order to achieve the desired mood with even greater precision. All downlights have a CRI ≥ 95 for the best colour rendering.

The downlights come in the high-gloss aluminium colour as standard. A real material vapour deposition technique is used for the gold and copper surfaces. A coloured protective coating is applied to create the bronze and champagne finishes.



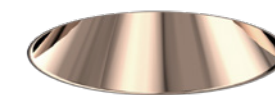
Aluminium
high-gloss (Standard)



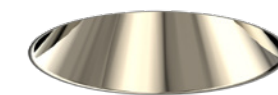
Copper
steamed



Gold
steamed



Bronze
protective varnish coating



Champagne
protective varnish coating

HORIZONT AURA

Reducing optical resistance is the focus of Horizont AURA. This is achieved by a lamp shade with a fully open top and bottom that can also be seen through. In addition to this, a primary lens ensures even illumination of the lampshade. Horizont AURA has a diverse range of applications. Whether in a restaurant, a hotel, a home or in retail – it's equipped for every situation.



CONCEPT

Reducing optical resistance – that's the main purpose for which Horizont AURA was developed. The lamp shade is completely open at both the top and bottom. The shade is connected to the housing with just three wires, allowing you to see through the shade to the ceiling, and making the inside of the shade fully visible as well. Horizont AURA pendant luminaire is suspended directly from the textile power supply cable.

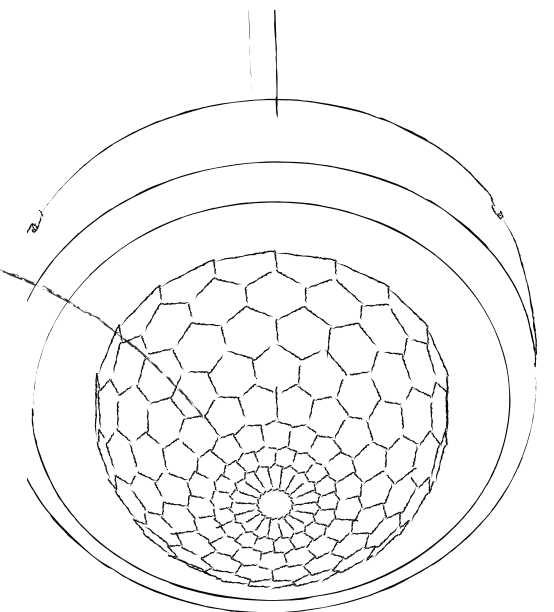
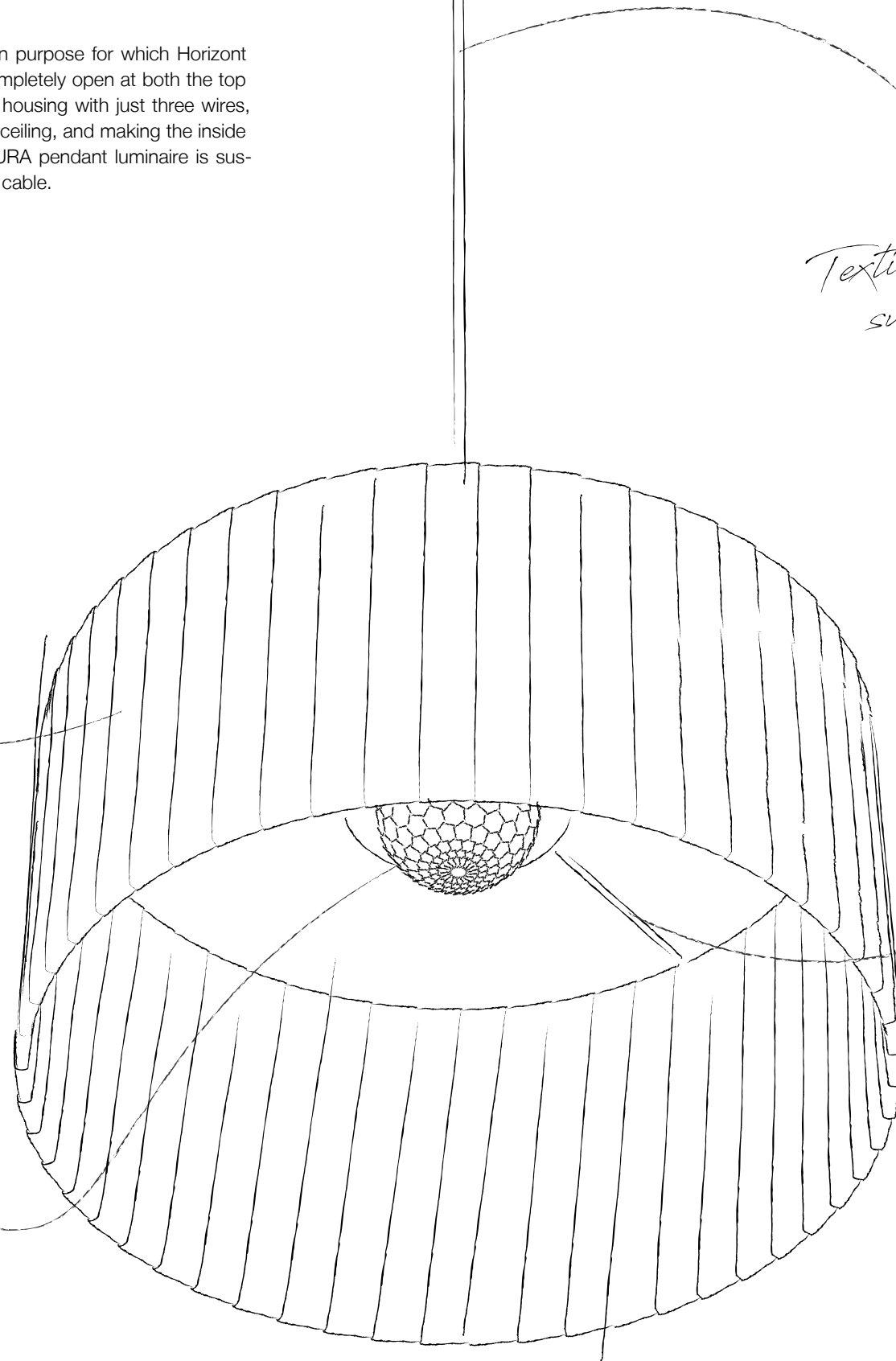
*High-quality fabrics
and a variety of sizes*

*Textile cable for perfect
suspension and energy
supply*

*Three-wire frame to connect the
lamp shade to the luminaire housing,
thereby preventing shadows from
being cast onto the shade*

*Primary lens
illuminates the
lampshade
perfectly*

*Dome-shaped glass
cover with
bevel structure for a touch
of character*



TECHNOLOGY

Horizont AURA also boasts the most cutting-edge LED technology and a high quality of light. In order to achieve the goal of as little optical resistance as possible, a COB LED has been added to keep the housing compact while still allowing the operating device to be integrated. In addition to the open lamp shade, there is a primary lens and a dome-shaped glass cover. This makes it possible to achieve perfectly even illumination of the lampshade and also maintain the luminaire's slender form.



THE RIGHT LIGHT COLOUR FOR A COSY ATMOSPHERE

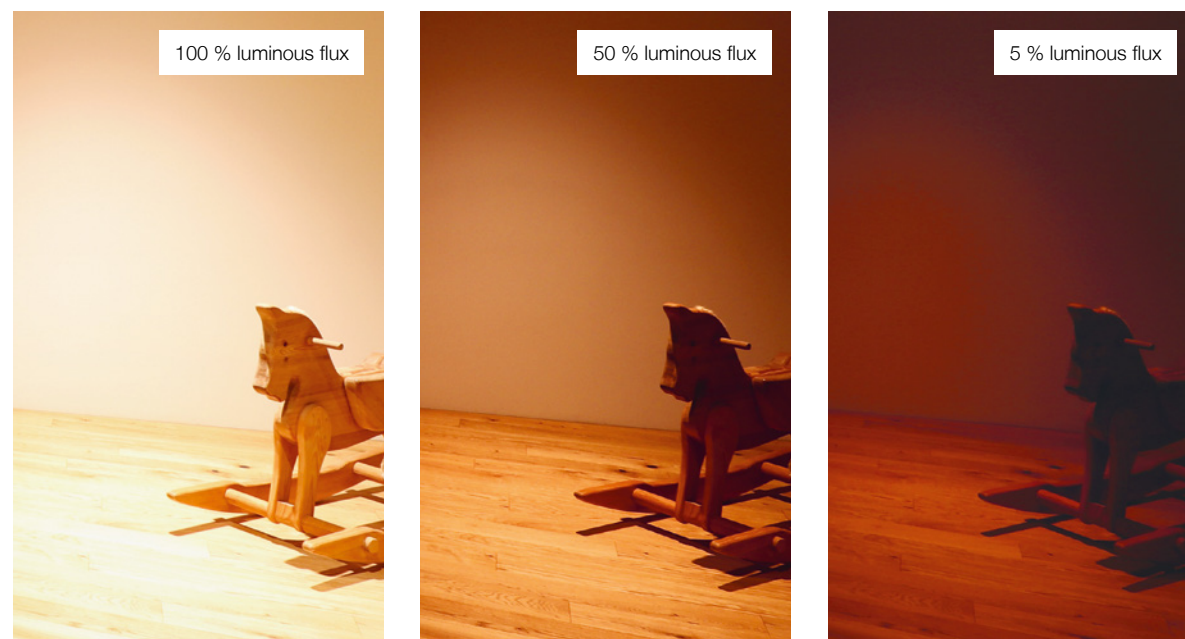
The Horizon AURA is available in the colour temperatures of 2700, 3000 and 4000 Kelvin in CRI \geq 90, and COZI (warm dim: 2700 to 1800 Kelvin) in CRI \geq 95. This allows the luminaire to be perfectly adjusted to any use case.

Having the right light colour is essential for a cosy atmosphere in any room. The Horizon AURA COZI follows the example of natural sunlight by shifting the colour temperature across the entire dimming range – from 2700 Kelvin at full light output to 1800 Kelvin at 1 % of the maximum luminous flux. This means a cooler light colour at higher light intensity and a cosy, warm light colour at lower light intensity. The high colour rendering of CRI \geq 95 is also preserved throughout the entire dimming range with the Horizon AURA COZI.



EVEN ILLUMINATION

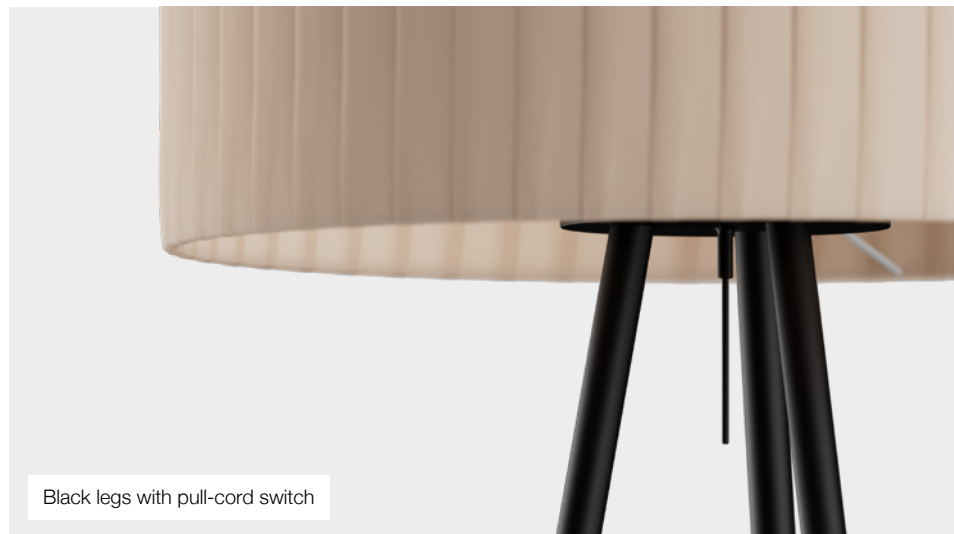
A dome-shaped glass cover with a bevel structure acts as a lens in interplay with the built-in COB LED and primary lens. This leads to perfectly even illumination of the lamp shade. At the same time, the ceiling is also illuminated, creating a pleasant feeling in the room.





SMART CONTROL AND EASY OPERATION

The Horizont AURA surface-mounted and pendant luminaires are available in the DALI control variant. The floor luminaire has Touch-dim and can be dimmed using a pull-cord switch. All three installation types are available with Casambi, which can be used to control everything in the simplest way possible, from switching on and off to dimming or creating complex light scenes, regardless of where you happen to be located at any given time.



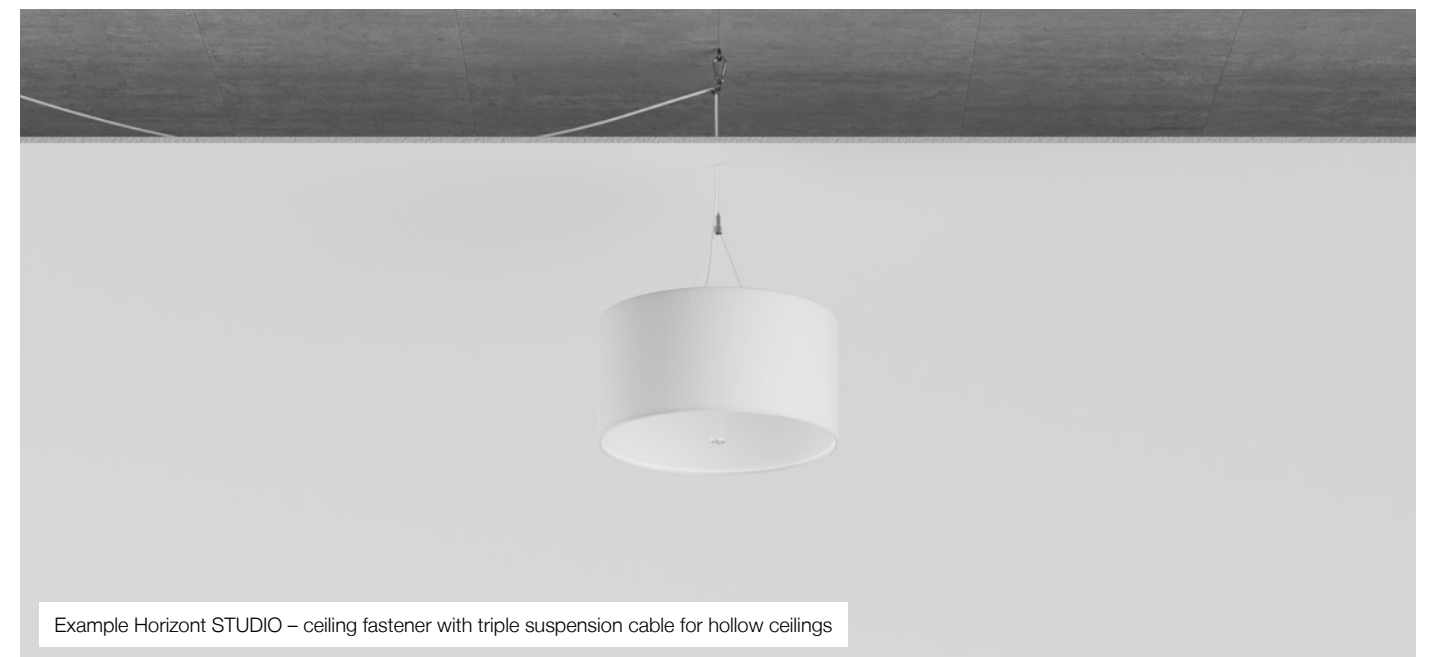
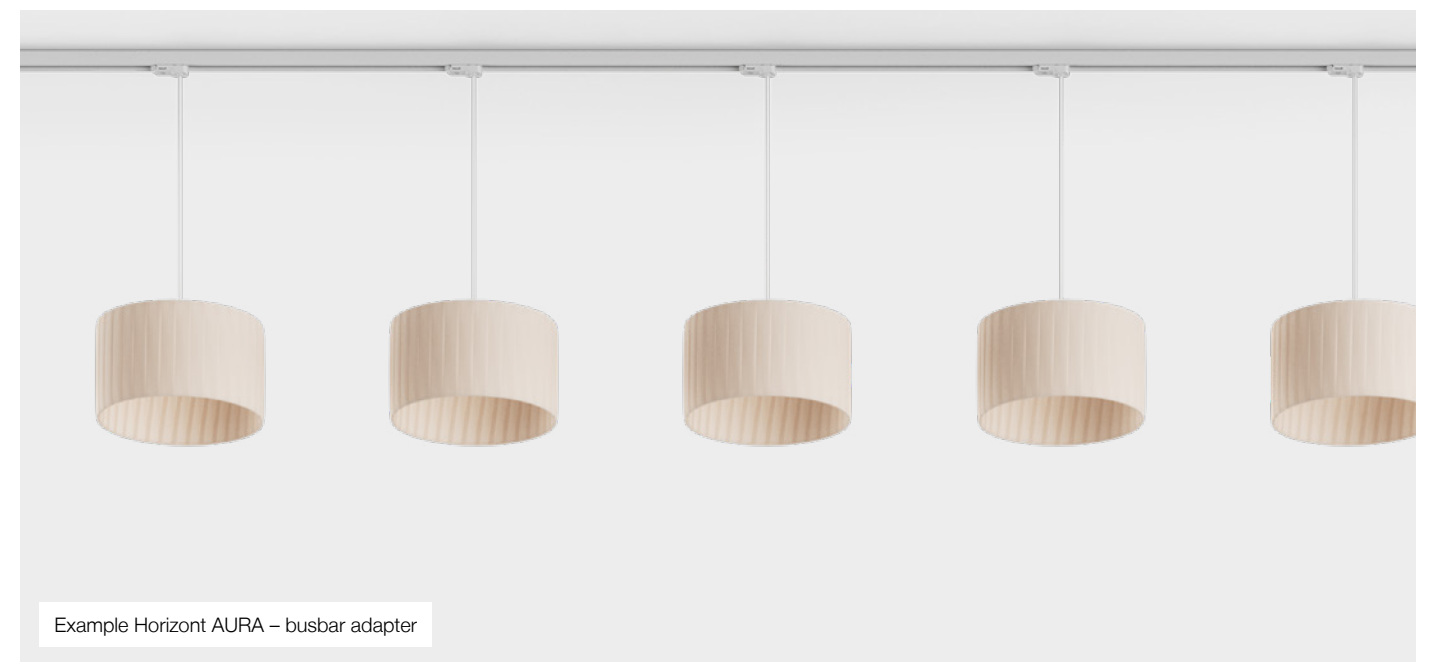
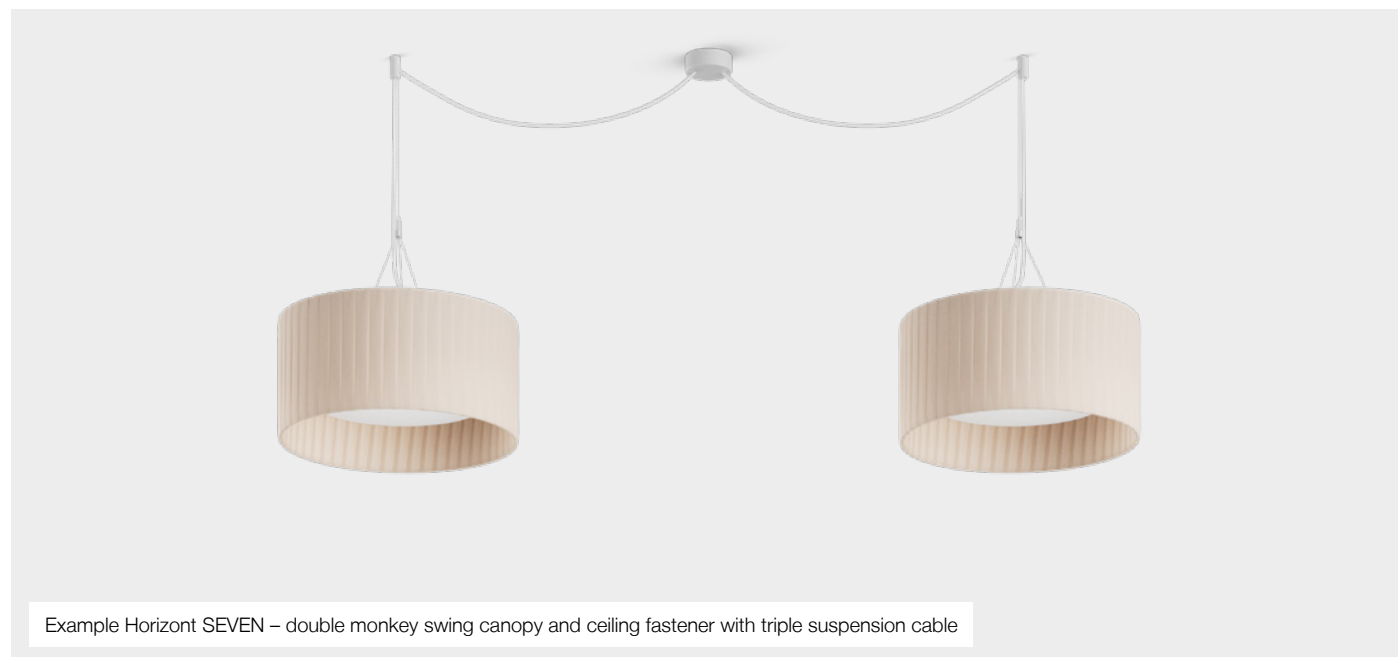
Black legs with pull-cord switch

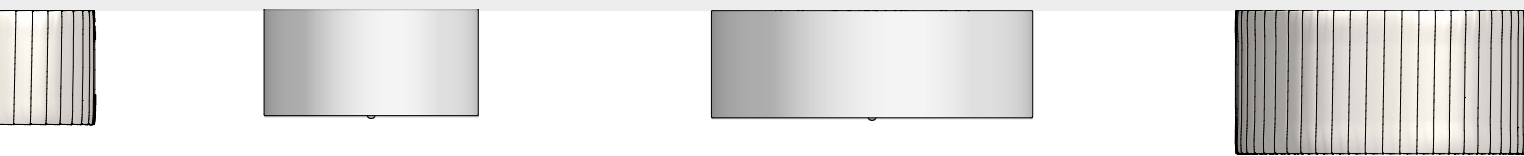


VERSATILE INSTALLATION OPTIONS

THE PERFECT INSTALLATION TYPE FOR ALL USE CASES

The extensive range of accessories for suspending the Horizont pendant luminaires makes it possible to manage any installation configuration. A variety of ceiling-mounting methods can be used – from surface mounting to fitting behind a hollow ceiling. There is also a solution for installation in a busbar, as a busbar adapter enables the pendant luminaires to illuminate the most diverse types of spaces in line with the given set-up. All installation options can be used for all pendant luminaires from the Horizont family and can also be combined with one another.



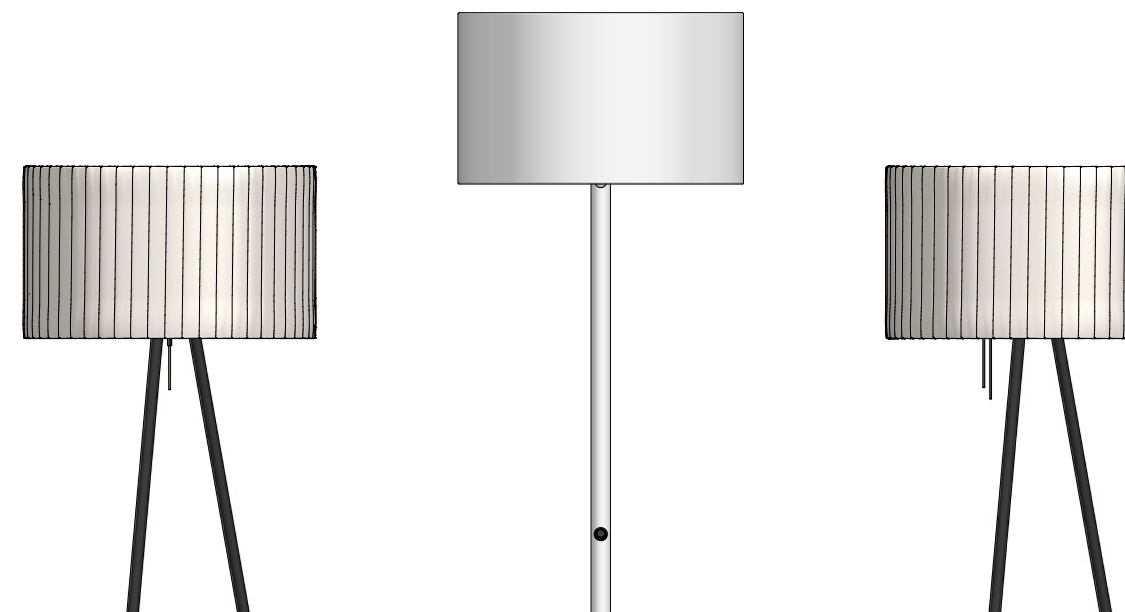


MODEL OVERVIEW

Types	Variants	Lamp shade size	Colour temperature	Colour temperature DL
Horizontal STUDIO	Mounted luminaire	S/M/L	3000K/4000K/TW	-
Horizontal STUDIO	Pendant luminaire	S/M/L	3000K/4000K/TW	-
Horizontal STUDIO	Floor lamp	M	3000K/4000K	-
Horizontal SEVEN	Mounted luminaire	S	2700K	2700K/COZI
Horizontal SEVEN	Pendant luminaire	S	2700K	2700K/COZI
Horizontal SEVEN	Floor lamp	M	2700K	-
Horizontal AURA	Mounted luminaire	XS/S	2700K/3000K/4000K/COZI	-
Horizontal AURA	Pendant luminaire	XS/S	2700K/3000K/4000K/COZI	-
Horizontal AURA	Floor lamp	M	2700K/3000K/4000K/COZI	-

CRI	CRI DL	∠ DL	Activation	Page
CRI ≥ 90	-	-	On/Off/DALI/Sensonic B	68
CRI ≥ 90	-	-	On/Off/DALI/Sensonic B	69
CRI ≥ 90	-	-	Touchdim/Sensonic B	70
CRI ≥ 90	CRI ≥ 95	29°/39°/46°/COZI: 31°/36°	DALI/Casambi	71
CRI ≥ 90	CRI ≥ 95	29°/39°/46°/COZI: 31°/36°	DALI/Casambi	72
CRI ≥ 90	-	-	Touchdim/Casambi	73
CRI ≥ 90/COZI: CRI ≥ 95	-	-	DALI/Casambi	74
CRI ≥ 90/COZI: CRI ≥ 95	-	-	DALI/Casambi	75
CRI ≥ 90/COZI: CRI ≥ 95	-	-	Touchdim/Casambi	76

XS = extra small, Ø: 350mm, h: 200mm
 S = small, Ø: 500mm, h: 250mm
 M = medium, Ø: 500mm, h: 300mm
 L = large, Ø: 750mm, h: 250mm
 DL = Downlight
 COZI (Warmdim) = from 2700K at 100% to 1800K at 1%
 TW = Tunable White 2700-6500K
 ∠ = Half-value angle





Horizont STUDIO

MOUNTED LUMINAIRE

Polyester lampshade in white in sizes S, M or L. Luminaire frame made of aluminium, powder-coated in white RAL 9016. Specially developed LED circuit board – optionally equipped with LEDs in CRI 90 and colour temperatures 3000K, 4000K and Tunable White (2700K to 6500K). Primary LED protective blister in opal to protect the LED circuit board during assembly and to homogenise the shade illumination. Microprismatic optics in the lampshade, surface-mounted for optimum glare suppression. Microprismatic movement and daylight sensors in the Sensonic B models. LED control unit available in choice of on/off or DALI2. Terminal, 5 × 1.5mm² loopable. 3 packaging units.



Colour temperatures	3000K, 4000K, 2700K-6500K TW
Colour rendering	CRI ≥ 90
Net luminous flux	3600 to 8000lm
Lamp shade size	S, M, L
Direct light lens	Microprism
Glare suppression (UGR)	15,8 to 18,9
Connected wattage	43 to 61 W
Preservation of luminous flux	L80/B10 50 000h
Control system	On/Off, DALI, Sensonic B



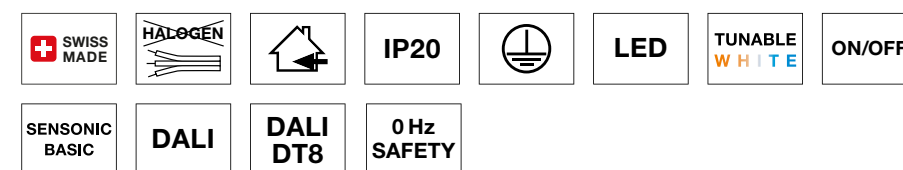
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Horizont STUDIO

PENDANT LUMINAIRE

Polyester lampshade in white in sizes S, M or L. Luminaire frame made of aluminium, powder-coated in white RAL 9016 with integrated cable holders. Specially developed LED circuit boards for direct and indirect light – optionally equipped with LEDs in CRI 90 and colour temperatures 3000K, 4000K and Tunable White (2700K to 6500K). Primary LED protective blister in opal to protect the LED circuit board during assembly and to homogenise the shade illumination. Microprismatic optics in the lampshade, surface-mounted for optimum glare suppression. Opal coverage via indirect light for softer and shadow-free indirect light. Microprismatic movement and daylight sensors in the Sensonic B models. LED control unit available in choice of on/off or DALI2. Connection cable 5 × 0.75mm² or 3 × 0.75mm² transparent. 3 packaging units. Ceiling mounting material must be ordered separately (see accessories).



Colour temperatures	3000K, 4000K, 2700K-6500K TW
Colour rendering	CRI ≥ 90
Net luminous flux	5500 to 12000lm
Lamp shade size	S, M, L
Direct light lens	Microprism
Glare suppression (UGR)	12,9 to 17,4
Connected wattage	68 to 94 W
Preservation of luminous flux	L80/B10 50 000h
Control system	On/Off, DALI, Sensonic B

A range of accessories are available for various installation configurations.



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Horizont STUDIO

FLOOR LAMP

Polyester lampshade in white in size M. Luminaire frame made of aluminium, powder-coated in white RAL 9016. Specially developed LED circuit board for direct and indirect light – optionally equipped with LEDs in CRI 90 and colour temperatures 3000K and 4000K. Primary LED protection blister in opal to protect the LED circuit board during assembly and to homogenise the shade illumination. Microprismatic optics in the lampshade, surface-mounted for optimum glare suppression. Opal coverage via indirect light for softer indirect light. Aluminium stand tube (diameter 34mm) – with choice of chemically matted or plain anodised surface finishes, powder-coated in white (RAL 9016) or black (RAL 9005). Black button integrated in the stand tube to define the target brightness value or to switch the luminaire on or off. Round lamp base diameter 400 millimetres powder-coated in silver (RAL 9006), white (RAL 9016) or black (RAL 9005). Microprismatic movement and daylight sensors in the Sensonic B models. TouchDim function via a button in the stand tube in the TouchDim versions. LED control unit available in choice of on/off or black DALI2 connection cable with type 12 or type F mains plug. 5 packaging units.



Colour temperatures	3000K, 4000K
Colour rendering	CRI ≥ 90
Net luminous flux	5500 to 11100lm
Lamp shade size	M
Direct light lens	Microprism
Glare suppression (UGR)	15,7 to 17
Connected wattage	68 to 94 W
Preservation of luminous flux	L80/B10 50 000h
Control system	Touchdim, Sensonic B



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Horizont SEVEN

MOUNTED LUMINAIRE

Pleated polyester lampshade, ivory-coloured in size S. Aluminium luminaire frame, powder-coated in white RAL 9016. Specially developed LED circuit board for ambient light – equipped with LEDs in CRI 90 and colour temperature 2700K. COB for downlight in CRI 95 and choice of colour temperatures 2700K or warm dim (2700K to 1800K). Primary LED protective blister in opal to protect the LED circuit board during assembly and to homogenise the shade illumination. Satinated and opalised acrylic glass optics, set back in the middle from the downlight housing. Glare-free darklight downlight with option of different beam angles. Optionally available with Casambi to control individual light sources. DALI2 LED control units. Terminal, 5 × 1.5mm² loopable. 3 packaging units.



Colour temperatures	2700K
Colour rendering	CRI ≥ 90
Net luminous flux	3500 to 7000lm
Lamp shade size	S
Direct light lens	Acrylic glass, opal
Glare suppression (UGR)	17,3 to 18,4
Connected wattage	43 to 59W
Preservation of luminous flux	L80/B10 50 000h
Control system	DALI, Casambi



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Horizont SEVEN

PENDANT LUMINAIRE

Pleated polyester lampshade, ivory-coloured in size S. Aluminium luminaire frame, powder-coated in white RAL 9016. Specially developed LED circuit boards for ambient and indirect light – equipped with LEDs in CRI 90 and colour temperature 2700K. COB for downlight in CRI 95 and choice of colour temperatures 2700K or warm dim (2700K to 1800K). Primary LED protective blister in opal to protect the LED circuit board during assembly and to homogenise the shade illumination. Satinised and opalised acrylic glass optics, set back in the middle from the downlight housing. Indirect cover satinised and opalised acrylic glass optics. Glare-free darklight downlight with option of different beam angles. Optionally available with Casambi to control individual light sources. DALI2 LED control units. Textile connection cable 5 × 0.75 mm² or 3 × 0.75 mm² in white (RAL 9016). 3 packaging units. Ceiling mounting material must be ordered separately (see accessories).



Colour temperatures	2700K
Colour rendering	CRI ≥ 90
Net luminous flux	5400 to 10600lm
Lamp shade size	S
Direct light lens	Acrylic glass, opal
Glare suppression (UGR)	15 to 16,3
Connected wattage	68 to 92 W
Preservation of luminous flux	L80/B10 50 000h
Control system	DALI, Casambi

A range of accessories are available for various installation configurations.



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Horizont SEVEN

FLOOR LAMP

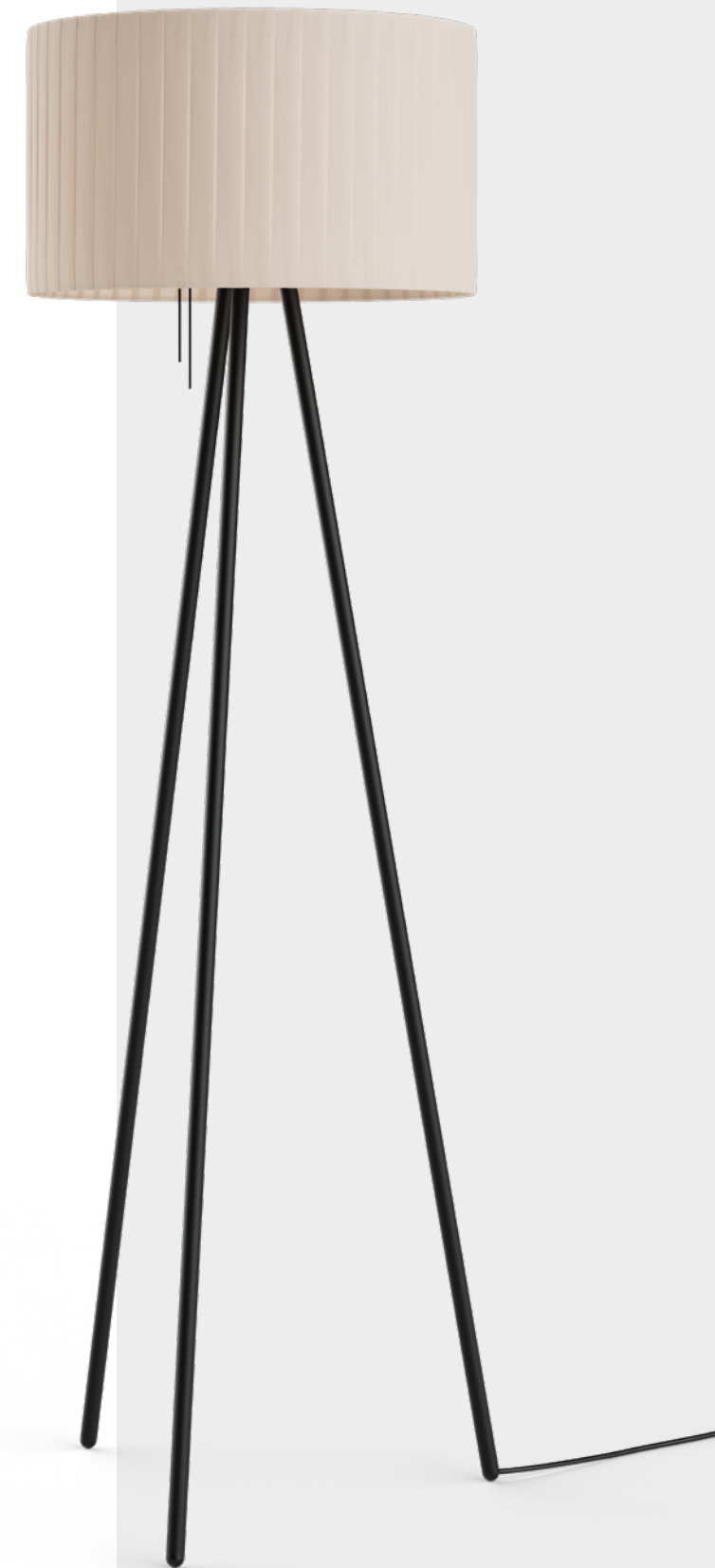
Pleated polyester lampshade, ivory-coloured in size M. Aluminium luminaire frame, powder-coated in white RAL 9016. Specially developed LED circuit boards for ambient and indirect light – equipped with LEDs in CRI 90 and colour temperature 2700K. Primary LED protective blister in opal to protect the LED circuit board during assembly and homogenization of the shade illumination. Satinised and opalised acrylic glass optics as cover for direct and indirect light component. Glass bead-blasted legs, matt black anodised (RAL 9005). Plastic feet, black. Drawbars painted black (RAL 9005) for direct and indirect light control. Optionally available with Casambi to control individual light sources. Simultaneous control via drawbars possible. DALI2 LED control units. Textile connection cable 3 × 0.75 mm² in black (RAL 9005), fed through leg, length 2,500 mm, type 12 or type F plug. 4 packaging units.



Colour temperatures	2700K
Colour rendering	CRI ≥ 90
Net luminous flux	4600 to 8900lm
Lamp shade size	M
Direct light lens	Acrylic glass, opal
Glare suppression (UGR)	13,9 to 15
Connected wattage	68 to 92 W
Preservation of luminous flux	L80/B10 50 000h
Control system	DALI, Casambi



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Horizont AURA

MOUNTED LUMINAIRE

Pleated polyester lampshade, ivory-coloured in sizes XS or S. Aluminium luminaire frame, powder-coated in white RAL 9016. COB LED in CRI 90 and choice of colour temperatures of 2700K, 3000K or 4000K or CRI 95 and warm dim (2700K to 1800K). Primary lens for uniform shade illumination of and light distribution, even in the upper half of the space. Homogenising glass dome with bayonet fitting, satinised on the inside, facet structure on the outside. Optionally available with Casambi. DALI2 LED control unit terminal, 5 × 1.5 mm² loopable. 2 packaging units.



Colour temperatures	2700K, 3000K, 4000K, COZI
Colour rendering	CRI ≥ 90, COZI: CRI ≥ 95
Net luminous flux	1600 to 3200lm
Lamp shade size	XS, S
Direct light lens	Acrylic glass, opal
Glare suppression (UGR)	13,6 to 17,9
Connected wattage	36 to 39W
Preservation of luminous flux	L80/B10 50 000h
Control system	DALI, Casambi



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Horizont AURA

PENDANT LUMINAIRE

Pleated polyester lampshade, ivory-coloured in sizes XS or S. Aluminium luminaire frame, powder-coated in white RAL 9016. COB LED in CRI 90 and choice of colour temperatures of 2700K, 3000K or 4000K or CRI 95 and warm dim (2700K to 1800K). Primary lens for uniform shade illumination of and light distribution, even in the upper half of the space. Homogenising glass dome with bayonet fitting, satinised on the inside, facet structure on the outside. Optionally available with Casambi. DALI2 LED control unit, textile connection cable 5 × 0.75 mm² or 3 × 0.75 mm² in white (RAL 9016). 2 packaging units. Ceiling mounting material must be ordered separately (see accessories).



Colour temperatures	2700K, 3000K, 4000K, COZI
Colour rendering	CRI ≥ 90, COZI: CRI ≥ 95
Net luminous flux	1600 to 3500lm
Lamp shade size	XS, S
Direct light lens	Acrylic glass, opal
Glare suppression (UGR)	11,5 to 16,4
Connected wattage	36 to 39W
Preservation of luminous flux	L80/B10 50 000h
Control system	DALI, Casambi

A range of accessories are available for various installation configurations.



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Horizont AURA

FLOOR LAMP

Pleated polyester lampshade, ivory-coloured in size M. Aluminium luminaire frame, glass bead-blasted, matt black anodised (RAL 9005). COB LED in CRI 90 and choice of colour temperatures of 2700K, 3000K or 4000K or CRI 95 and warm dim (2700K to 1800K). Primary lens for uniform shade illumination of and light distribution, even in the upper half of the space. Homogenising glass dome with bayonet fitting, satinised on the inside, facet structure on the outside. Glass bead-blasted legs, matt black anodised (RAL 9005). Plastic feet, black. Drawbars painted black (RAL 9005) for controlling the luminaire. Optionally available with Casambi. Simultaneous control via drawbar. DALI2 LED control unit, textile connection cable 3 × 0.75 mm² in black (RAL 9005), fed through leg, length 2,500 mm, type 12 or F plug, 2 packaging units.



Colour temperatures	2700K, 3000K, 4000K, COZI
Colour rendering	CRI ≥ 90, COZI: CRI ≥ 95
Net luminous flux	1600 to 3400lm
Lamp shade size	M
Direct light lens	Acrylic glass, opal
Glare suppression (UGR)	7,8 to 9,2
Connected wattage	36 to 39W
Preservation of luminous flux	L80/B10 50 000h
Control system	Touchdim, Casambi

















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GENERAL NOTES

GENERAL INFORMATION

We reserve the right to make technical and design changes to our products owing to new technical developments. The images and descriptions reflect the products as they were when this luminaire brochure went to print. Errors are reserved. We would be happy to provide up-to-date documents on request.

SYMBOLS AND ACRONYMS

	Swiss quality product made in Aarau
	Halogen-free internal wiring
	Only for use indoors
	Protection against the ingress of solid foreign bodies measuring more than 12mm in diameter
	Luminaires in protective class I with protective earth terminal
	LED lamps can be replaced at the factory
	Dimmable ballast in accordance with the DALI standard
	Commutable: Turned on/off
	Button-controlled light operation without sensors
	Control system with basic functionality
	Wireless lighting control system with network and group functionality
	The colour temperature can be freely adjusted from 2700K to 6500K
	Warmdim-LED with colour temperature shift when dimming from 2700K at 100% to 1800K at 1%
	DC operation possible, product suitable for emergency power (see operating device label)

TECHNICAL AND ABBREVIATIONS

CRI	Colour rendering index
Em	Average illuminance of table surface
	Light distribution calculations
	Table dimensions (L x W) 160 x 80 cm
	Dimensions of volume (L x W x H) 6 x 6 x 2.5 m
	Reflectances 70 / 50 / 20
	Maintenance factor 0.8
Im	Luminous flux (lumen)
U0	Uniformity of illuminance
	UGR glare rating (unified glare rating)
	X = 4 H, Y = 8 H, S = 0.25 H
	Reflectances 70 / 50 / 20
	Reference value in accordance with EN 12464-1

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