## Artemide



### 2024

# DIA.LOGUES

For more than 60 years Artemide has been dedicated to the design of light.

Carrying on the heritage of Ernesto Gismondi, Artemide merges creativity and measure, knowledge and know-how collaborating with the main italian and international architects Today, more than ever, light is a circular energy. Light makes the world visible and supports spaces perception. It interacts with life, with psychological and physiological wellbeing and with health. It dialogues with the environment through intelligences, it can transmit data and information.

and designers. Artemide has always been listening to the world.

Artemide designs and produces light through a synthesis of humanistic vision, scientific research and manufacturing that are all measured with environmental and social sustainability. Artemide creates icons of design distributing value by restoring not only function but also emotion and beauty.

<sup>2</sup> ⇔ 3

Artemide Dialogues outline the perspective of light to design the future in the present.

### Enlightened Sustainability

Artemide, the company of "The Human & Responsible Light", declares its perspective to the future guided by values, innovative vision and research that are the basis of sustainable projects.

Artemide is certified **ISO 9001**, **ISO 14001** and **ISO 45001**.

Since 2018 all company actions are measured through the **Sustainability Report**, following the Global Reporting Initiative guidelines.

In 2019 Artemide has joined the **United Nation Global Compact** and is committed to following **9** of the 17 **SDGs** \_ Sustainable Development Goals – annually reporting the concrete results of their application.

Long lasting innovative and beautiful products are witnesses of Artemide responsible design.

Artemide is working on a wide **EPD** (Environmental Product Declaration) project to certify bestseller products and outline guidelines for an even more responsible design.

Artemide Italian plants use only energy from certified renewable sources.

The choice to involve local suppliers limits transport distances and allows the creation of a solid network of shared competence.

Light design is a tool to generate new life quality, sustainable models and ethic consciousness.

Our products generate sustainability in the lighted space with a positive energy balance.

Products with high efficiency reduce energy consumption in the use phase and light intelligences optimize installation time and add values thanks to a parametric interaction.

The attention to the environment has particularly focused on improving the efficiency of production processes, limiting waste and developing new technologies in order to reduce direct and indirect emissions and promote a corporate culture of respect for the environment.

Artemide products are perfect solutions to realize **sustainable buildings** following the major international green buildings certifications like **Bream, Leed and WELL.** 

4 <> 5

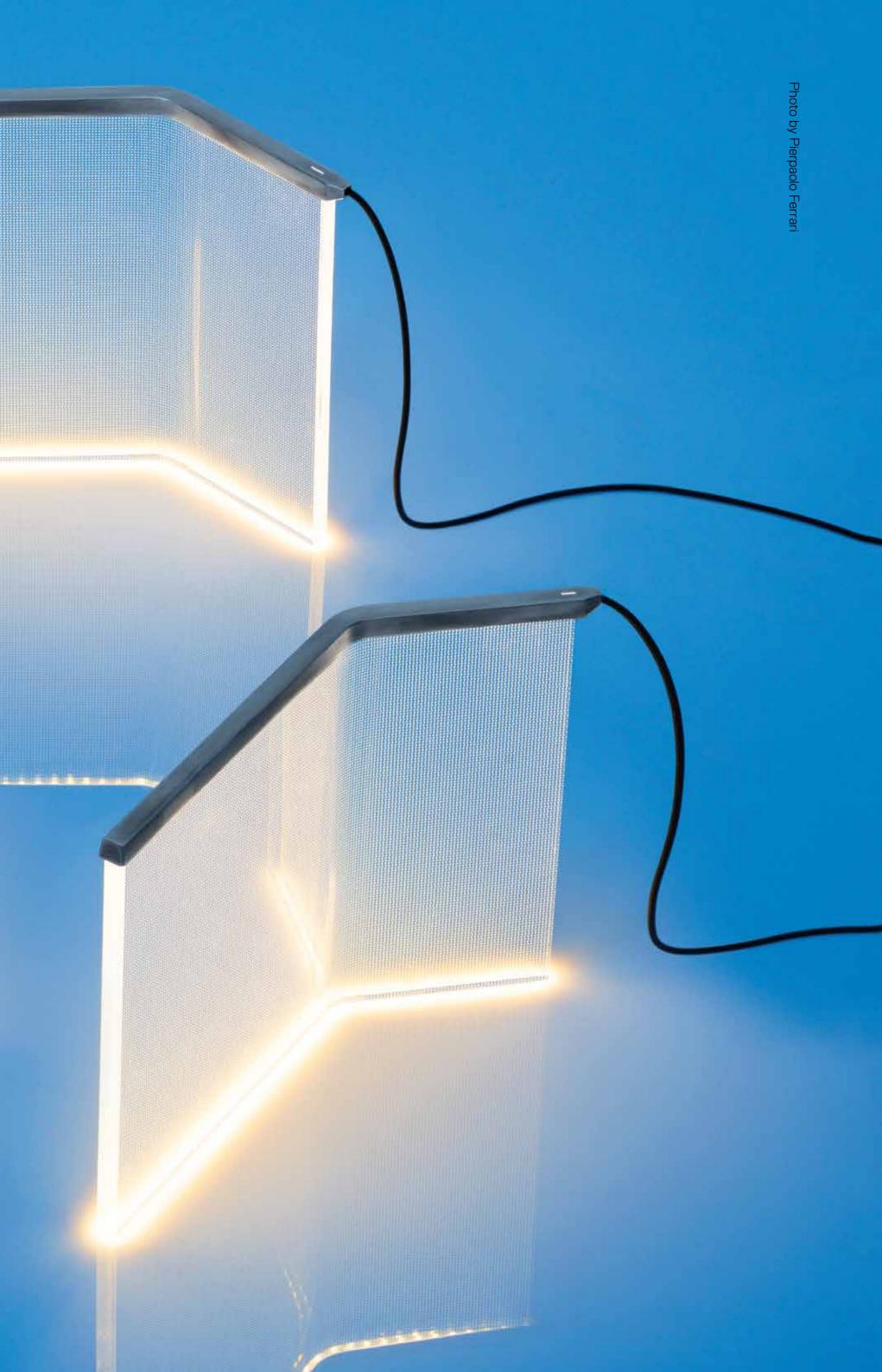
"Earth" La Linea 25 BIG - Bjarke Ingels Group



### Light is a circular energy



### Wish You Were Here Carolina Gismondi



PATENT OF

"An homage to heritage and technology, a simple gesture that not only lights up the personal space of creativity but also bends with light a third dimension."

#### Carolina Gismondi de Bevilacqua

Wish You Were Here is the first project that brings Discovery's patented optical principle to interact with a new dimension, no longer just two-dimensional. It folds the surface of the transparent plate to create a volume, a structure that is generated by the optical principle itself.

Discovery, designed by Ernesto Gismondi is the perfect synthesis of the values, knowledge, innovative research and know-how of Artemide. It is an optical patented principle able to interpretate a good light that interact with each space, life and ambiental rhythm.

Wish You Were Here brings these qualities to the smaller dimension of the personal space.

Totally absent and dematerialized when turned off, it acquires volume when turned on thanks to the light which, injected into it, spreads from the pattern of micro-incisions designed to obtain perfect uniformity.

The injection of light starts from the upper limit so as not to dazzle, the calculation of the micro-incisions keeps the distribution of light constant without altering the luminous measurement of the emission along the fold and brings the light onto the surface in the most correct way.

It represents a scalable principle that can join the space evolving into different light solutions.

Wish You Were Here 260 x 156 x h 216 mm Total Power: 6,5W

#### Structure

Silver

Black



Diffuser

○ Transparent





PATENT OF

### Criosfera Giulia Foscari UNA/UNLESS

"Criosfera is not "just" a light. It is a resolution, a manifesto of our times. One that is imbued with optimism that we will, individually and collectively, defend intergenerational justice. Lights on. It's action time."

Giulia Foscari

"Criosfera, the cryosphere, encompasses all components of the Earth System that are frozen. 90% of such ice is in Antarctica. That same ice is the largest repository of data on our climate history. It is a time capsule that enables scientists to trace the climatic history of our planet, extracting from captive air bubbles trends of CO<sup>2</sup>, greenhouse gasses and temperature from past glacial and interglacial eras.

The quintessential marker of climate change is thus the lce Core, a cylinder of stratified ice extracted from the depths of our planet's ice sheets. The ice core thus becomes the element that creates awareness and calls to action.

Abandoning its frozen form, the ice core of Criosfera consists of a layering of blown recycled glass with an optic core that learns from the refractive nature of the ice surface of the Antarctic plateau to maximise the diffusion of light, and evokes the stratification of the polar ice." Criosfera is therefore a synthesis of optical, material and scientific knowledge which translates into a manifesto of values between the present and the future.

The external blown glass cylinder is the structure inside which the optoelectronic engine disappears without visible shadows. Its limits and its uniqueness are linked to the craftsmanship.

Engraving are impressed into the hot glass before blowing and makes its thickness wavy and irregular.

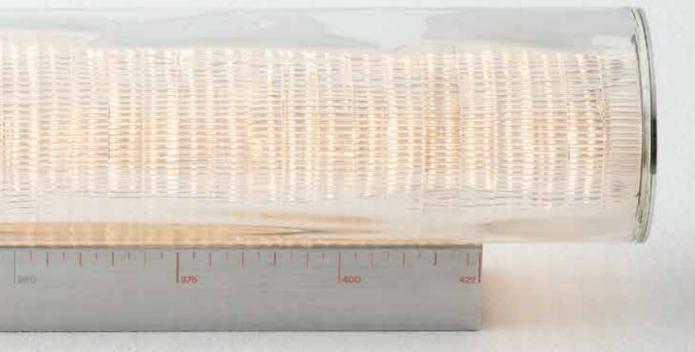
It contains the measured perfection of optical extrusion whose section diffuses the light without making the sources inside visible.

Giulia Foscari

This element fits into the space with three different essential structures, which refer to the scientific instruments used to extract and analyze ice cores. They are composed of surfaces made with laser cutting, a technology that optimizes the use of materials.



<sup>12</sup> ↔ 13



The markers engraved on the structures indicate the CO<sup>2</sup> levels that correspond to each section of the ice core. Preindustrial data, simply scored on the tools, proved to be within norm in the past 800,000 years. The values of CO<sup>2</sup> recorded in ice stratified post-industrialisation, engraved in orange, reflect the state of planetary instability and inequality induced by anthropogenic climate crisis.

The unprecedented high value of CO<sup>2</sup> recorded in 2024 of 422 ppm stands as an ultimatum that we shall, as humanity, urgently decarbonise to retain the global temperature below the 1.5 degrees Celsius set by the Paris Agreement and safeguard life on Planet Earth for all species.

### Structural hand-made glass

Traditional technique

**Technological internal core** Industrial optical intelligence

High efficiency

**Recycled glass** 

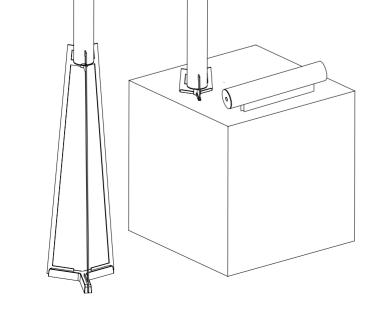
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**Criosfera horizontal** Ø100 x 535 mm base 60 x 400 x h 40 mm

Structure

Brushed aluminum



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Total Power: 20W

**Criosfera vertical** Ø100 x 535 mm base Ø100 x h 205 mm

tot h 560 mm Total Power: 20W

Criosfera floor Ø100 x 535 mm base Ø390 x h 1245 mm tot h 1600 mm Total Power: 20W

#### Diffuser

○ Transparent



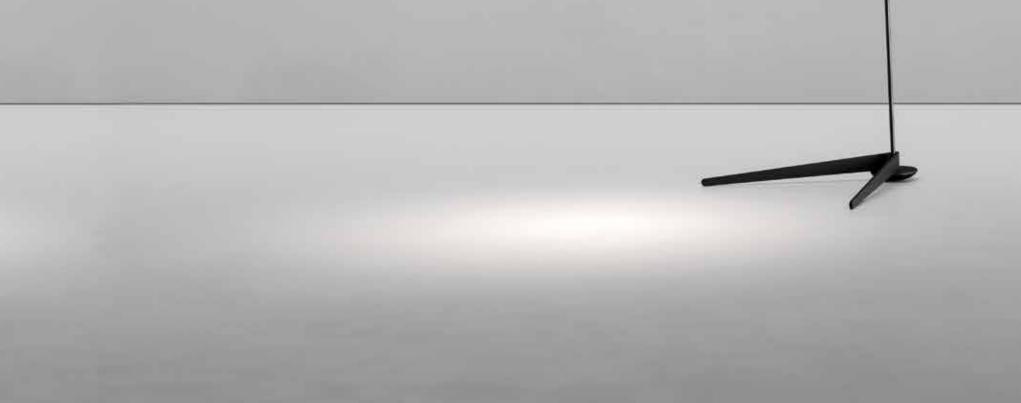
### Vea Foster+Partners Industrial Design

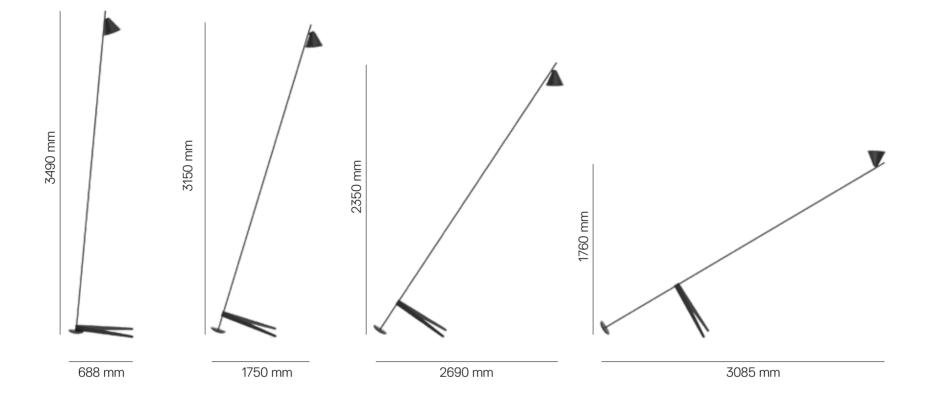


16 ← 17

"Vea explored the themes of poise and balance. Here, the concept has been translated into a large outdoor light fixture capable of providing a wide pool of light from above that can be adjusted and lowered to create a more intimate lighting effect."

Mike Holland, Foster+Partners Industrial Design





#### Vea

V base 734 x 629 mm h 3500 mm Total Power: 20W

#### Vea outdoor

V base 734 x 629 mm h 3500 mm Vea is a floor lamp designed for both indoor and outdoor use. It comes in different heights, accommodating both interior settings and larger outdoor areas.

Vea embodies a light, minimalist, and elegant design that plays with the balance of its base. It creates adjustable positions, allowing you to raise or lower the light to various heights, illuminating areas of different sizes. The head also rotates on the stem's axis and tilts to direct the light where it is needed. It combines a long, slender stem with a V-shaped base, the centrepiece of the design.

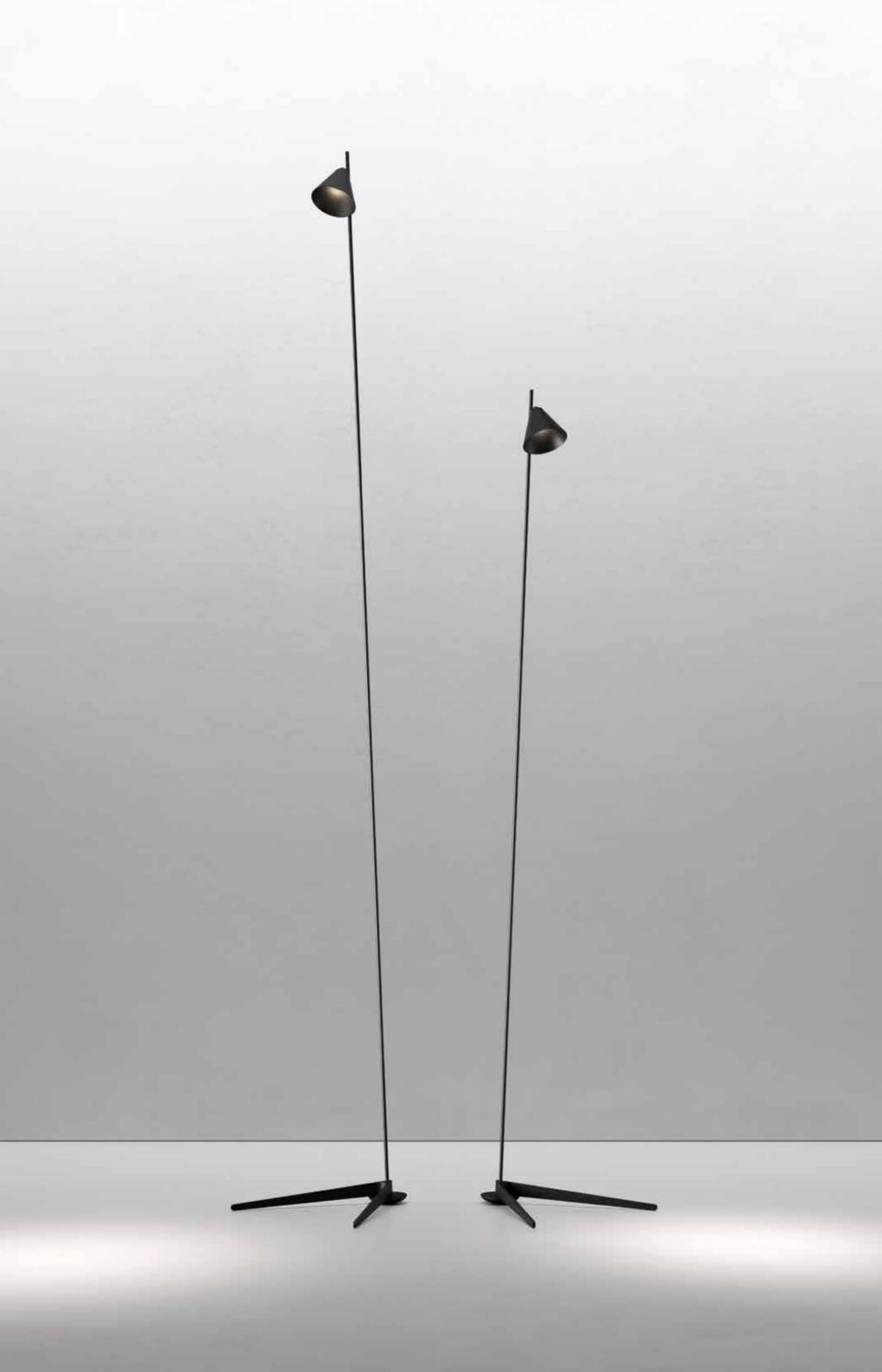
Total Power: 20W IP44

#### Vea L outdoor

V base 734 x 629 mm h 4500 mm Total Power: 20W **IP**44

Anthracite

The V-shaped base cradles the stem, allowing it to incline from a vertical position up to 30° degrees. This is achieved through a clever play of balances and support - seemingly simple in appearance and use, yet complex in the design definition to achieve the perfect equilibrium.



### Lune d'acqua Benedetta Tagliabue, Ersilia Vaudo

"Lune d'acqua introduces a new evocative idea: the magic of the Icy Moons orbiting around Jupiter and Saturn. These celestial bodies, with extraordinary allure, are liquid and mysterious worlds encased in spherical shells of ice.

Their unique features designate them as privileged locations within the Solar System, potentially harbouring life forms.

The hydrothermal activity that stirs those hidden oceans manifests itself in gigantic geysers emerging from cracks in the ice, and this energy feeds this magnificent interplay of phases - vapour, liquid and solid. Water, surrendering to the power of these transformations, continually surprises us as it morphs into something else. Even light.

These mysterious Icy Moons hide many secrets. Warmth, motion, metallic cores. Even gravity, the ultimate designer, reveals itself in the flawless, spherical, and symmetrical beauty of these celestial objects, guiding them in endless orbits."

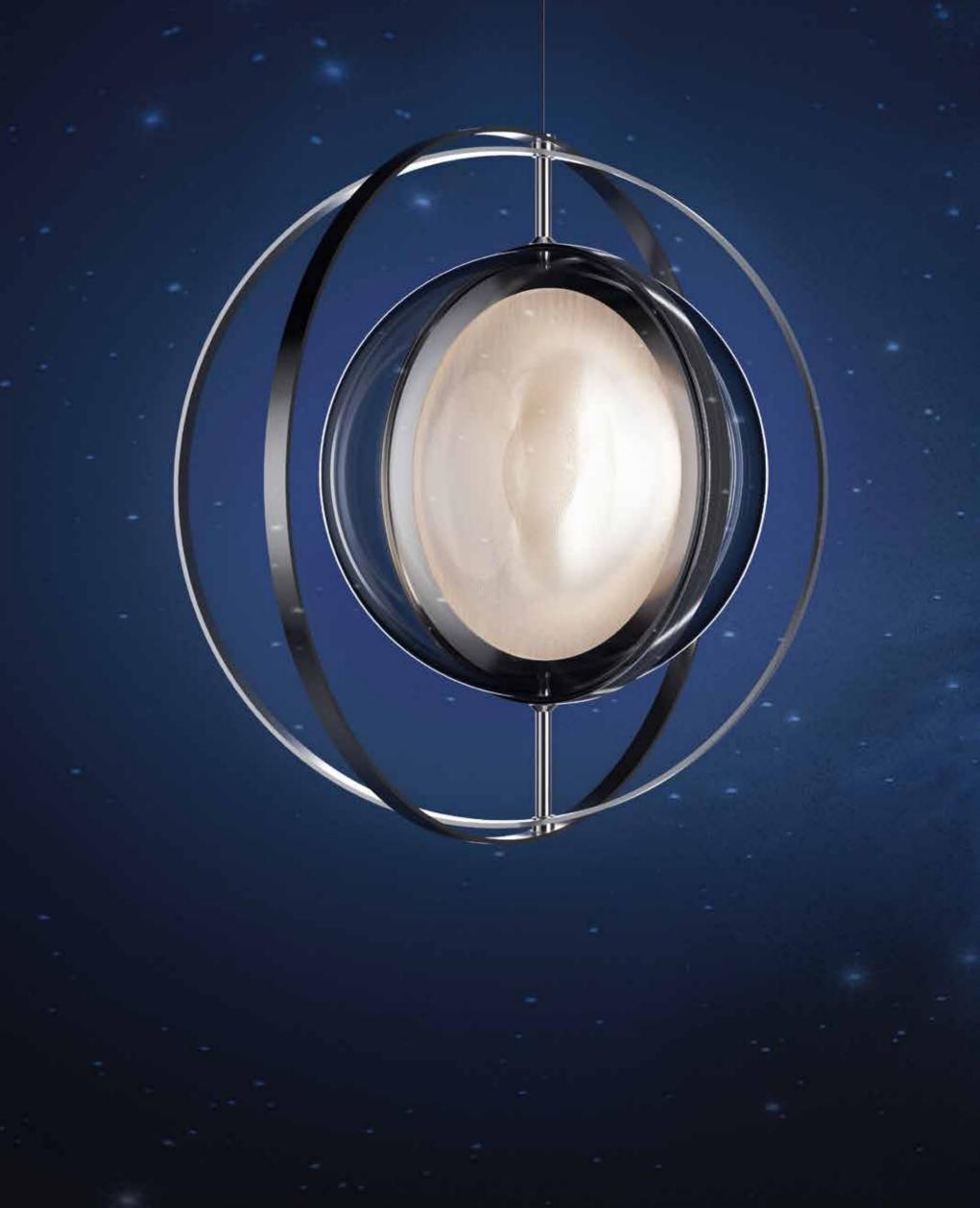
Ersilia Vaudo



"The cosmos is infinite...but it is in our eyes, in our imagination the universe is our eyes, the Moon is a marble...and Lune d'acqua enter our real spaces and give us a close and corporeal light."

Benedetta Tagliabue





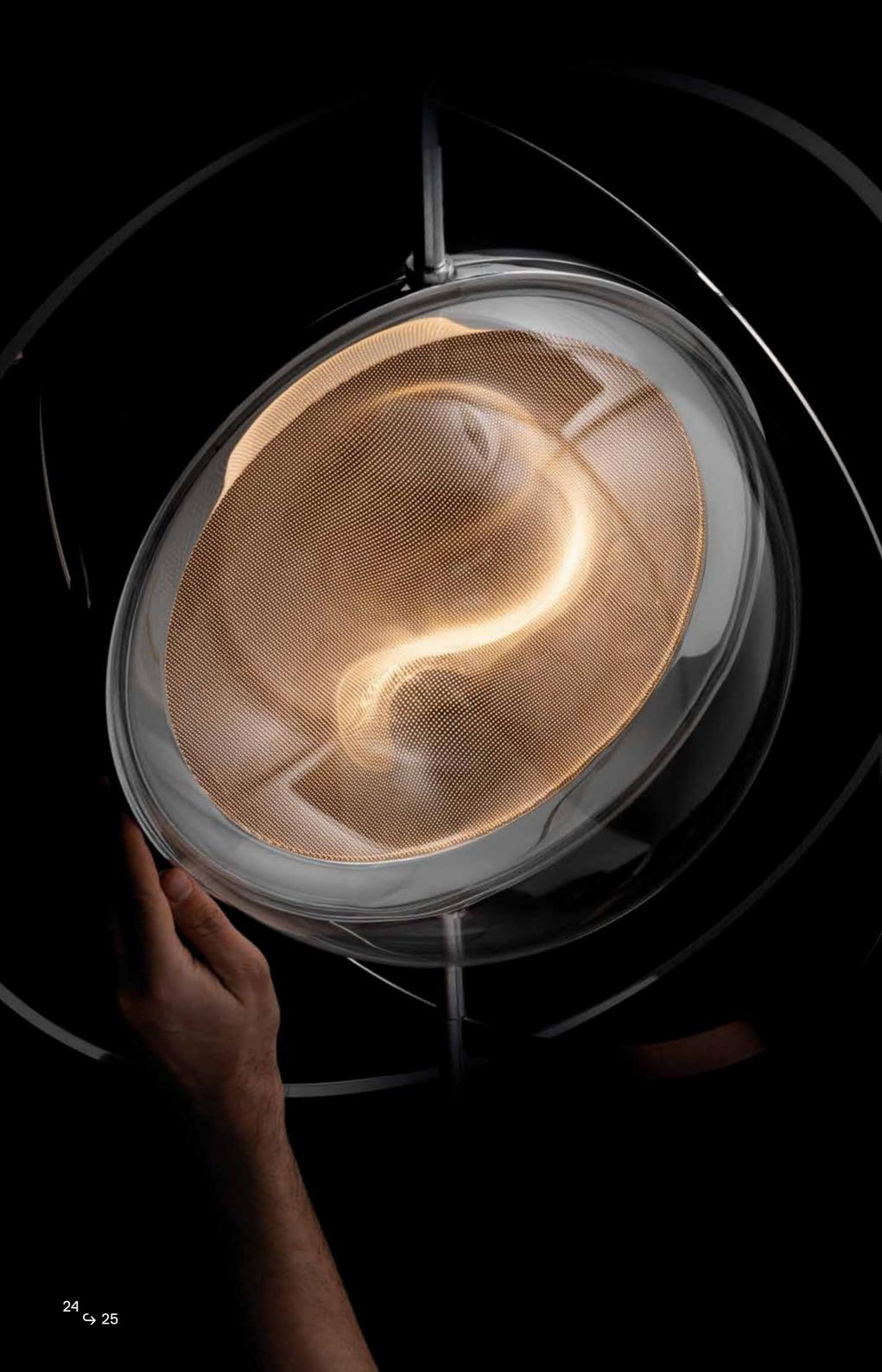
Lune d'acqua 370 x 550 x h 440 mm sphere Ø350 mm rings Ø535 and Ø550 mm Total Power: 22W Lune d'acqua suspension 370 x 440 x h 550 mm sphere Ø350 mm rings Ø535 and Ø550 mm Total Power: 22W

#### Structure

Mirror

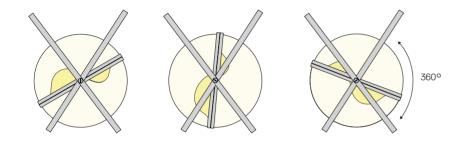
### Diffuser Transparent

#### ARTEMIDE APP



"Within the sphere, light transforms into a liquid, breaking down into a cascade of droplets – a spell made possible by luminous fabric that comes to life, flexes, ripples, invoking a suggestion that transcends us: the imprint of gravity, as left by the Lune d'acqua in the soft space-time surface. A geometry that comes to life."

Ersilia Vaudo



The evocation of these distant worlds is intertwined with the familiar image of a marble, a childhood item that encapsulates dreams and memories. Its colourful internal geometry recalls a sense of fluidity and crystallised movement.

The sphere is at the centre of the project. Held by two rings, it is free to spin suspended at the centre of their intersection. These rings play a structural role, engaging in a dialogue with the surrounding space. They prop up the central core on a tilted axis, adding dynamism and reflecting it on their polished, mirrored surfaces. It is a streamlined structure that evolves with a focus on the relationship between the central light and the shadows it casts in the surroundings. The striking and poetic interior interprets Discovery's patented optical principle. The ring that encloses the sphere houses the LEDs that inject light into the internal surface. When switched off, it remains transparent. Once illuminated, it animates with light emitted through micro-incisions, revealing the soft and three-dimensional wave of its geometry.

This design arises from a collaboration of knowledge and values, blending diverse perspectives and skills from both Artemide and the authors. The resulting light not only illuminates spaces but also seeks to evoke meanings and metaphors, conveying a message and inviting an understanding of new perspectives.

### Ixa XL Foster+Partners Industrial Design

"Ixa has evolved through an intuitive design and making process. Slight variations in applied weight and movement have informed the lamp's dynamic design.

Ixa provides a flexible, highly personalised lighting experience."

Mike Holland, Foster+Partners Industrial Design





### **Ixa XL** wall arm dim to warm

Ixa XL wall arm base Ø170, head Ø150 x h 400 mm x max 2124 mm O White-grey

• Anthracite

Total Power: 14W Micro switch dimming on board

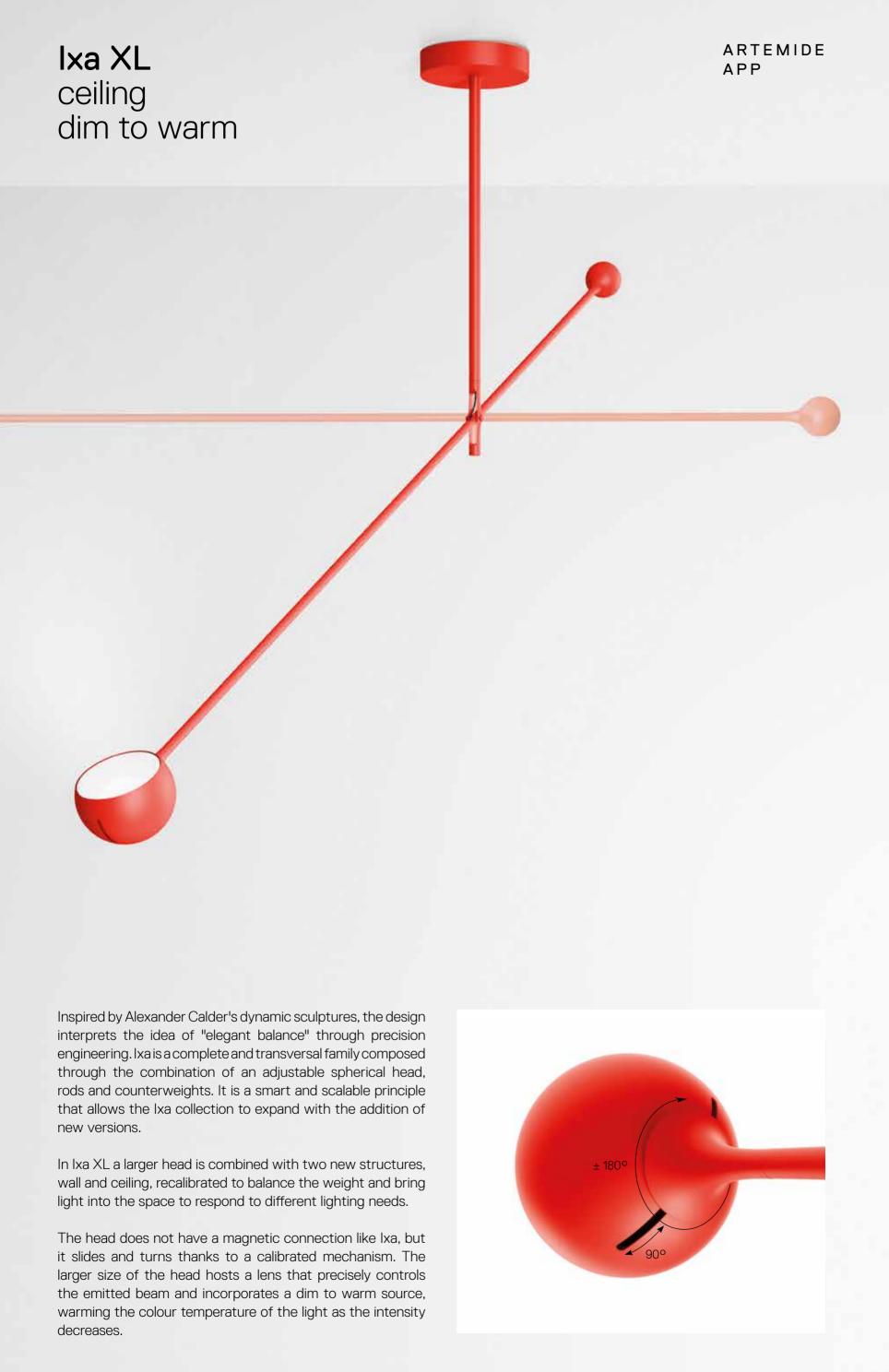
**Ixa XL ceiling** rose Ø170, head Ø150 x h max 1878 mm Total Power: 14W Artemide APP - Push • Yellow

Blue

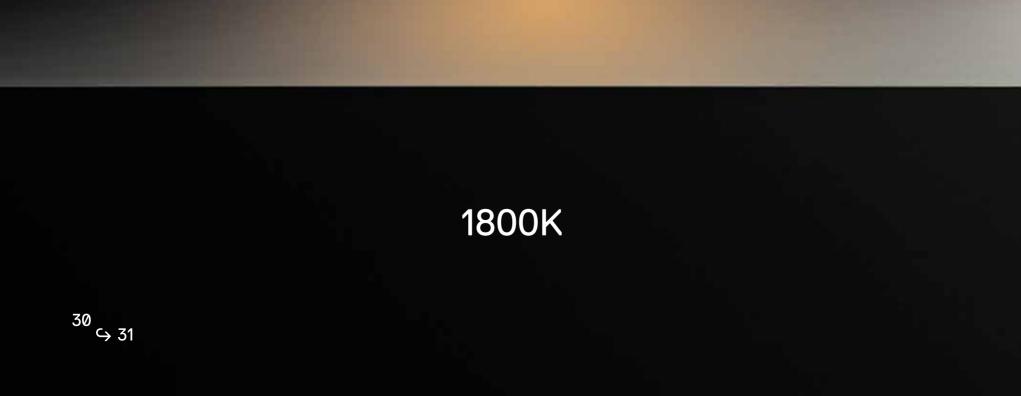
Red

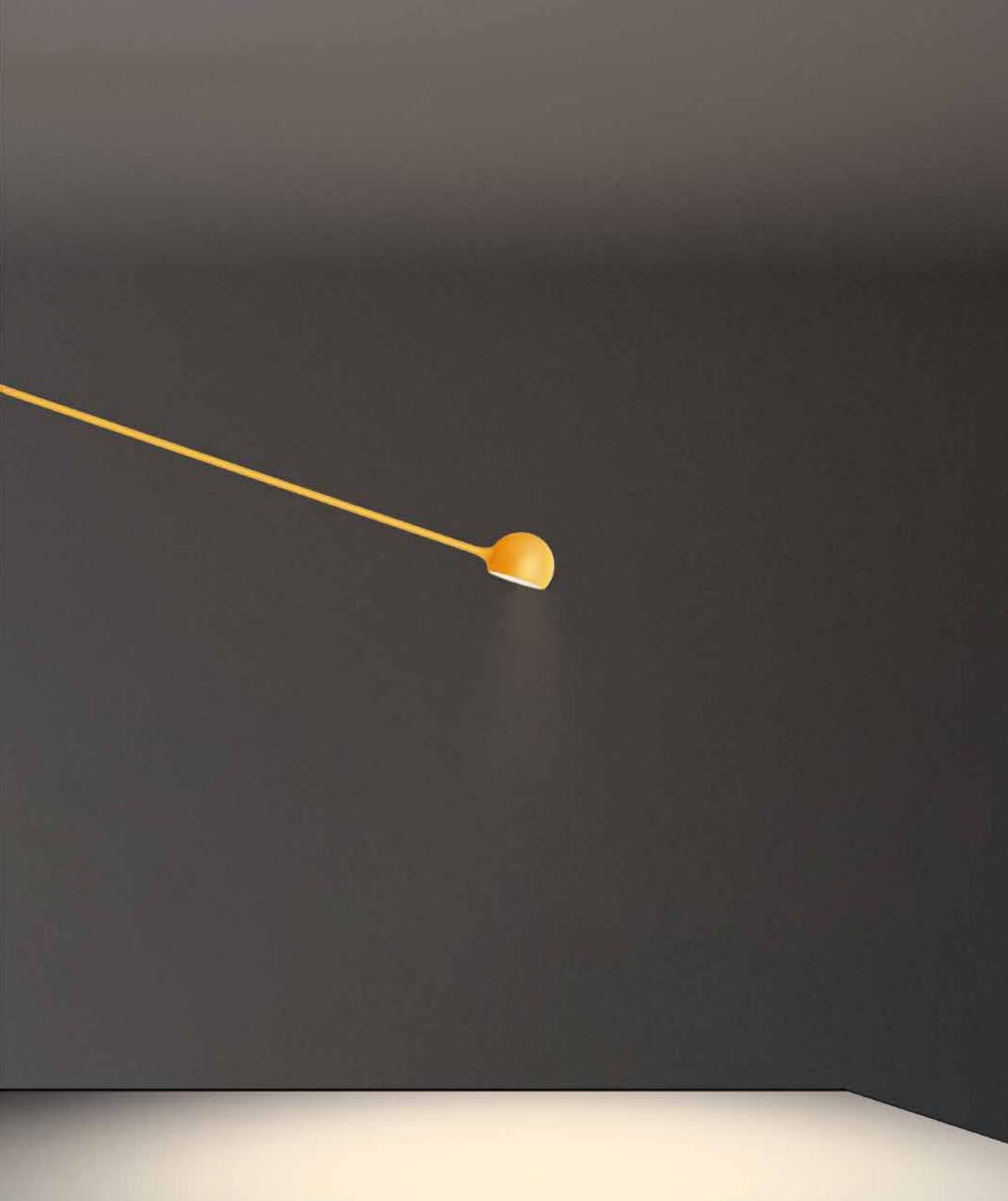


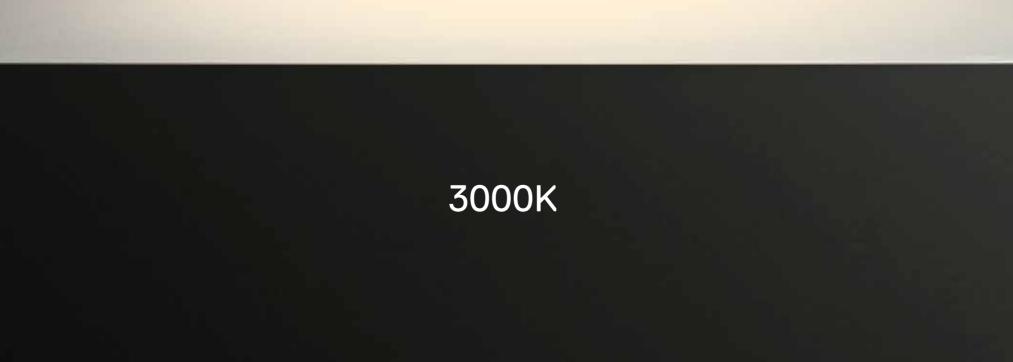
<sup>28</sup> ⇔ 29



### **Ixa XL** dim to warm







### Ixa XL suspension



Ixa XL suspension Ø150 fixed head x h 625 mm max h 2000 mm rose Ø115 x h 35 mm Total Power: 14W



• Anthracite

O Yellow

Blue

Red

### **lxa** suspension



Ixa suspension Ø100 fixed head x h 414 mm max h 2000 mm rose Ø115 x h 35 mm Total Power: 9W

#### O White-grey

• Anthracite

O Yellow

BlueRed

### **Ixa** wall spot



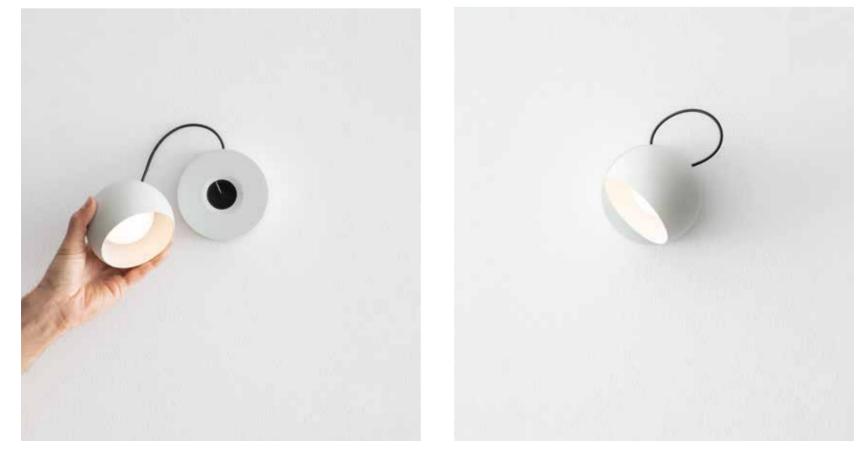
**Ixa wall spot** base Ø105 x 36 mm head Ø100 mm Total Power: 9W



Ixa's head now also transforms into a minimalistic wall light element. Simple yet flexible, it retains its freedom of movement through a magnet that connects it to a wallmounting base.

This is more prominent in the version with an integrated driver or reduced to disappear at the back of the head in the cable plug version.

The solution with plug also adds a functional detail: a small circular surface that helps define the path of the cable along the wall. A practical and visually appealing detail that defines lxa wall spot in its interaction with the surrounding space.



<sup>34</sup> ↔ 35

### Ixa wall spot plug



**Ixa wall spot plug** base Ø45 x 15 mm head Ø100 mm cable dot Ø45 Total Power: 9W





### **Ixa** Funivia



**Funivia cable** 5 x 8 x 10000-20000-50000 mm

#### O White

Black

Red

•

### PATENT OF

### <sup>36</sup> ⇔ 37

# **Ixa** Turn Around



Turn Around track 18,2 x 22 mm





# PATENT OF

# Boltons Herzog & de Meuron

"The Boltons lamp, consisting of a light source encased within a hand-blown artisanal glass body that directs the light to an adjustable reflector, encourages engagement and exploration of fundamental lighting principles. Boltons's idea materializes core aspects of illumination."

Herzog & de Meuron

Boltons is a lamp that combines a patented optical study with the beauty of hand-crafted glass. A transparent body supports an orientable metal disc.

The body is created with an unique gesture, a traditional technique that includes an air bubble inside the glass. The complete transparency highlights the thickness of the material that welcomes the blow of the master glassmaker, high in the upper part, thinner on the sides where it stretches. This poetic and evocative form also optically defines the ability to control and move light on the surface.

#### Boltons

diffuser Ø120 x 255 mm reflector Ø240 mm Total Power: 7W

#### Reflector

Mirror

A lens at the base directs the entire emission upwards, controlling it precisely so that the disk can then reflect it according to its inclination. The geometry of the glass allows a wide freedom of movement of the upper reflector fixed with a magnetic sphere.

The glass, crossed by the light beam, comes alive with reflections without losing the efficiency of the optical system.

#### Diffuser

#### O Transparent



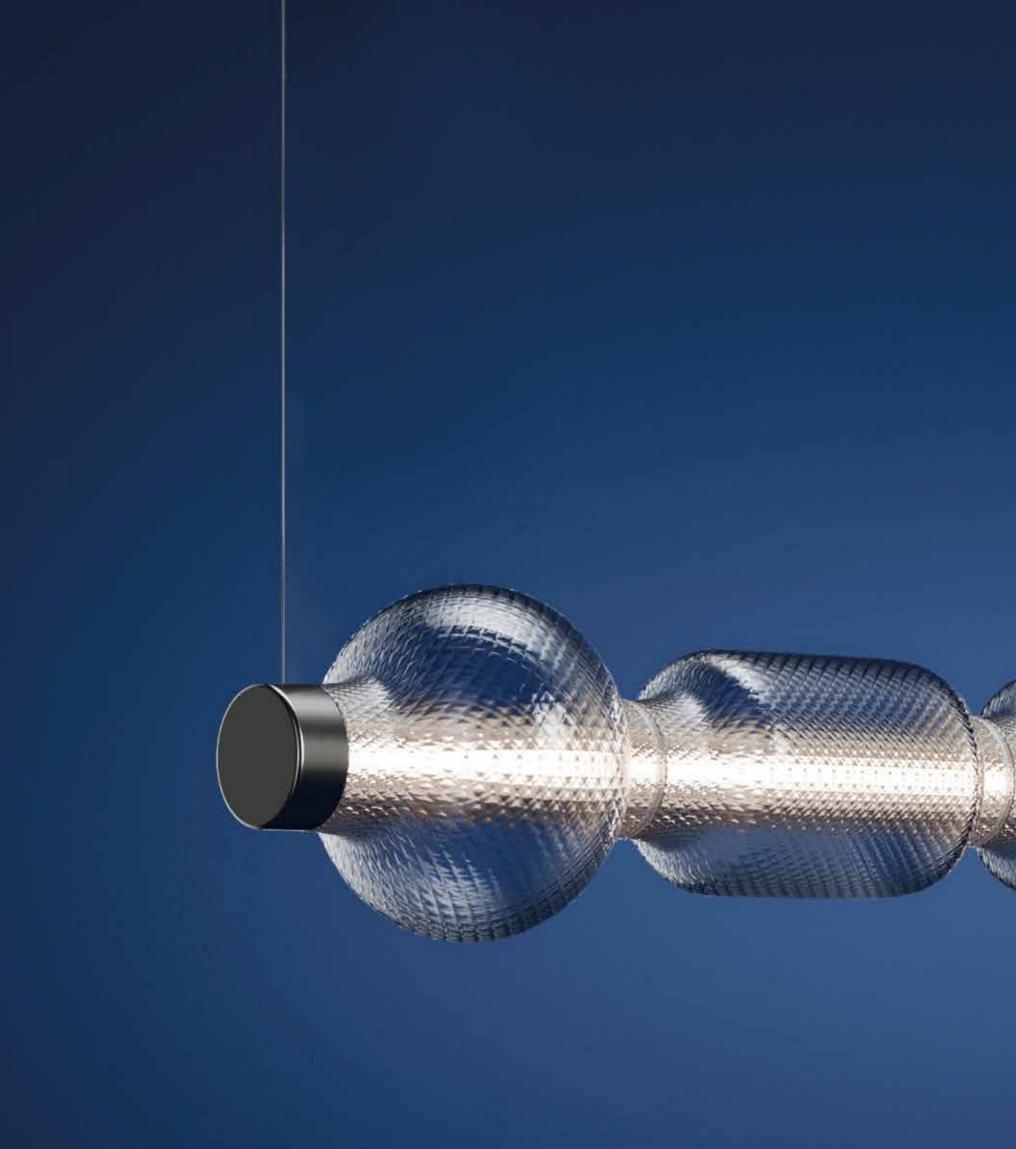
# PATENT OF





<sup>40</sup> ↔ 41



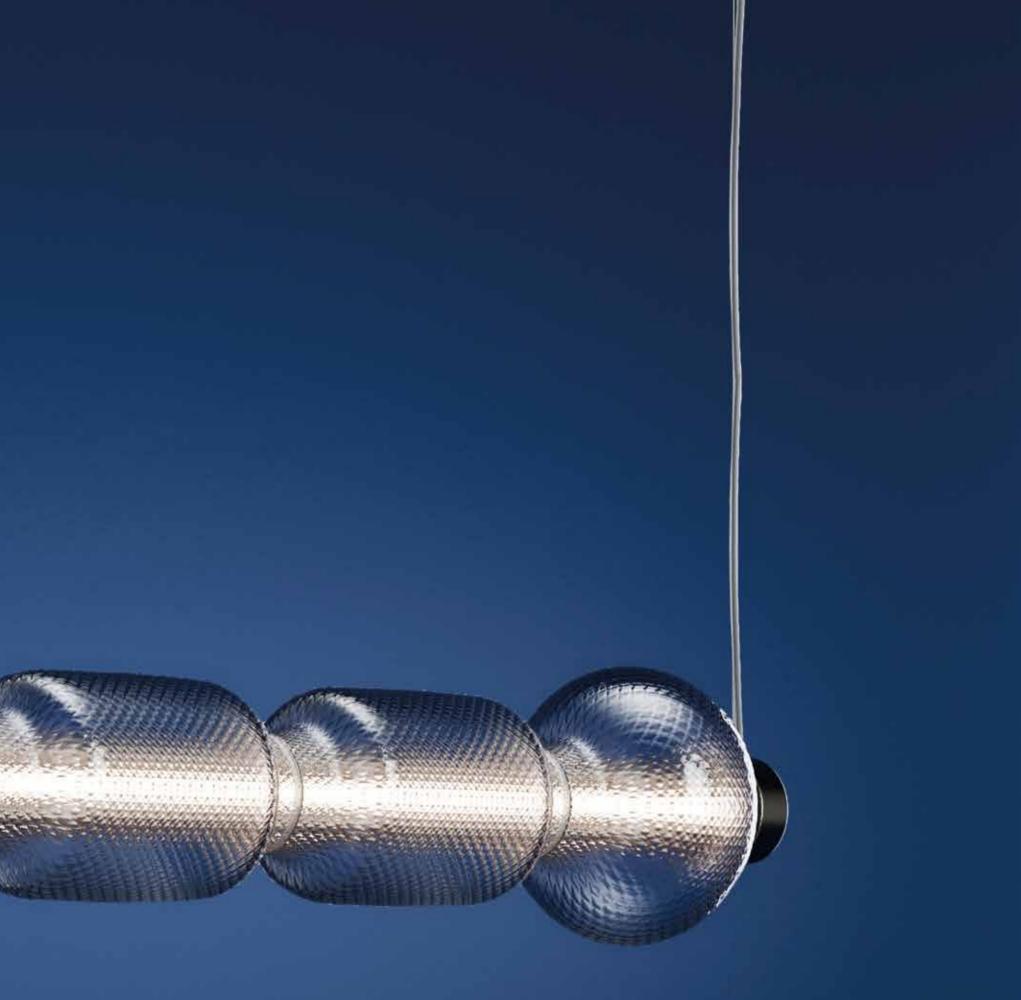




# **Neil Poulton**

Alambicco horizontal diffuser Ø190 x 1210 mm max h 2000 mm rose Ø140 mm Total Power: 45W

42 ⇔ 43 ○ Transparent



Alambicco is a modular suspension fixture that captures the beauty of blown glass, playing with transparencies and textures to control and diffuse light. The various components that make up its diffuser refract light, breaking down and transforming the image of the naked technological core into a reflection of geometries and

The centrally extruded aluminum structure that supports LED circuits on the four opposing faces is the technological core around which the various layers develop.

The first layer consists of a knurled glass cylinder, designed to refract the view of the technological components without completely hiding them, ensuring the LEDs are non-glaring. On this there are diffusers with rounded geometries, always transparent but enriched by a craftsmanship that draws inspiration from the ancient balloton technique. colours. These reflections blend with the chromatic hues of the surrounding environment.

Alambicco combines the craftsmanship and uniqueness of glass with the modularity of the composition, allowing the creation of a family of solutions and opening the perspective to develope proposals tailored to specific projects.

Alambicco is designed in a horizontal version and as a vertical suspension light in two lengths to engage with spaces of varying sizes, illuminating both private and collective spaces.



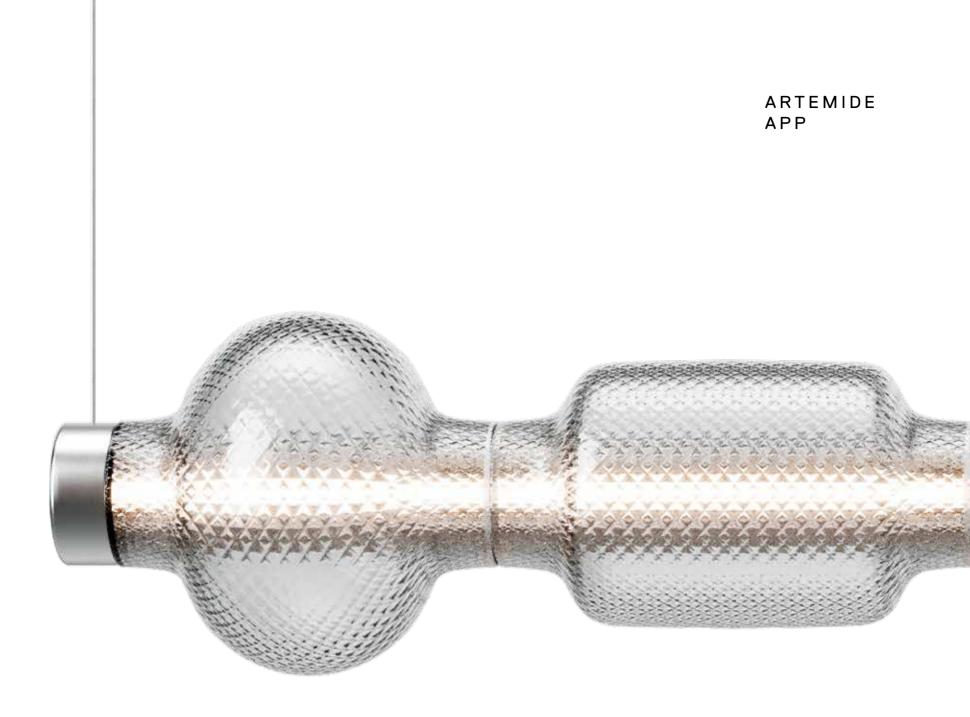
diffuser Ø190 x h 1210 mm h 1510 mm

rose Ø190 mm Total Power: 45W

Alambicco vertical 600 diffuser Ø190 x h 710 mm h 1010 mm rose Ø190 mm Total Power: 25W

O Transparent

<sup>44</sup> ↔ 45



The special processing of the glass, hand-crafted at the Artemide glass factory, ensures that each lamp is a unique piece. It represents a modern take on the traditional Venetian technique called "balloton". Through a dual processing technique, small square-based pyramids are first impressed into the hot glass. In a subsequent phase, the piece is given its final shape. The hand-blown technique turns the volumes into a three-dimensional texture that comes alive with the interplay of light. Hand-made glass Traditional technique

Each piece is unique, animated by reflections due to the varying thicknesses of the glass and the texture that follows the geometries of the diffusers, opening and closing the mesh of the design.

## **Optical intelligence**

## Modular structure

# Stellar Nebula table BIG - Bjarke Ingels Group



Stellar Nebula table balance the oblique position of the glass with a fixed metal base able to equipoise the different shape of the diffuser.

Stellar Nebula is a family of lamps designed by BIG to interpret and enhance artisanal glass blowing with innovative PVD finishing technique.

Values, rules and limits of industrial and artisanal production are the core of this project, which aims to find a solution of industrial uniqueness.

The shapes of the hand-blown diffusers are always unique. Artisanal know-how and industrial innovation thus come together in the beauty of the material that enhances the magic interaction between glass and light.

#### **Stellar Nabula table** base Ø193 x 300 x h 393 mm Total Power: 9W

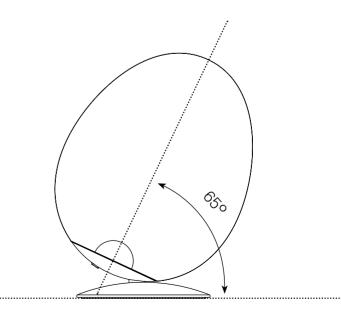
Base

Diffuser

Mirror

) Transparent and dichroic finishing

Dichroic finishing made with an innovative and sustainable



metal vacuum deposition process PVD (Physical Vapour Deposition

- 0 emissions, 0 waste
- Solid protective clearcoat
- Only 5% of solvents

(traditional systems: 75% of solvents)



# Somnĭum Carlotta de Bevilacqua



"Light is a pure element that lives by its transparency, like air and water, it has no pretence of presence, it has a scientific reason."

## Carlotta de Bevilacqua



# PATENT OF



Somnium is a system born from the fusion of optical, structural, and production elements, brought to life through transparency. At its core there is an optical cell, engineered The louvre is no longer an accessory but an integral part of the optics itself. The result is perfectly within all parameters of comfort and correct perception, it even achieves a UGR<16

for maximum efficiency and optimal perception. Much like a cell, it reproduces and collaborates within the system, creating a seamless flow.

The optical calculation daringly embraces the material's transparency, achieving a flawless blend of all the elements typically found in a lighting control system.

The lens, the primary tool for gathering and directing light, combines with the anti-glare, typically used to shield vision for increased comfort. These two elements, traditionally contrasting in material, converge into a single component. but does so effortlessly through light itself, in the active collaboration of the elements.

The resulting emission is a soft, comfortable light that opens up into the space with a controlled beam of  $2x31^{\circ}$ .

The optical element, crafted from a singular material, embodies sustainable industrial intelligence in its design.

It reduces material diversity, minimises weight, and simplifies production steps.





# SCIENTIFIC & PERCEPTIVE PHENOMENA INTEGRATION

Т

## Open platform

Engineered for a replicable perfect coincidence among optics, mechanics and electronics

## Spatial dialogue

Systemic composition and preconfigurated stand alone solutions





# OPTICAL CONTROL THROUGH THE ABSENCE OF TRANSPARENCY

Direct emission Refractive lens & TIR (total internal reflection) antiglare Collects 100% of the LED luminous flux and reflect secondary rays maximizing the flux output

**Direct emission Extreme glare control** UGR<16 Beam 2X31°

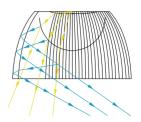
High efficiency More than 93%

High efficacy Up to 160 lm/W

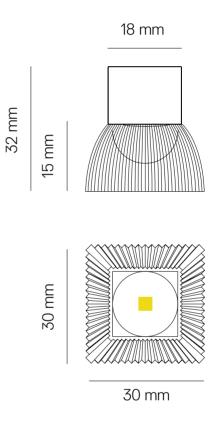
## **CRI90**

Indirect emission Diffused distribution

# PATENT OF



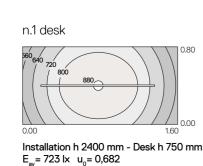
Materic convergence between lens and antiglare Optical PMMA

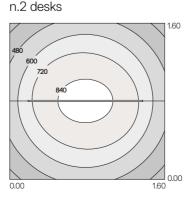


1 linear module 1260 Stand alone Total Power: 27W **1 linear module 3360 System** Total Power: 43,5W

#### Direct + indirect 3000K

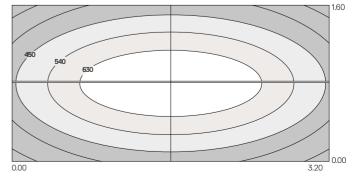
Direct + indirect 3000K





Installation h 2400 mm - Desk h 750 mm  $E_{\rm av}$  = 634 lx  $~u_{\rm o}$  = 0,510

n.4 desks



Installation h 2400 mm - Desk h 750 mm E<sub>av</sub>= 505 lx u<sub>o</sub>= 0,506

# SOMNĬUM SUSTAINABLE SYNTHESIS

Essential energetic consumption

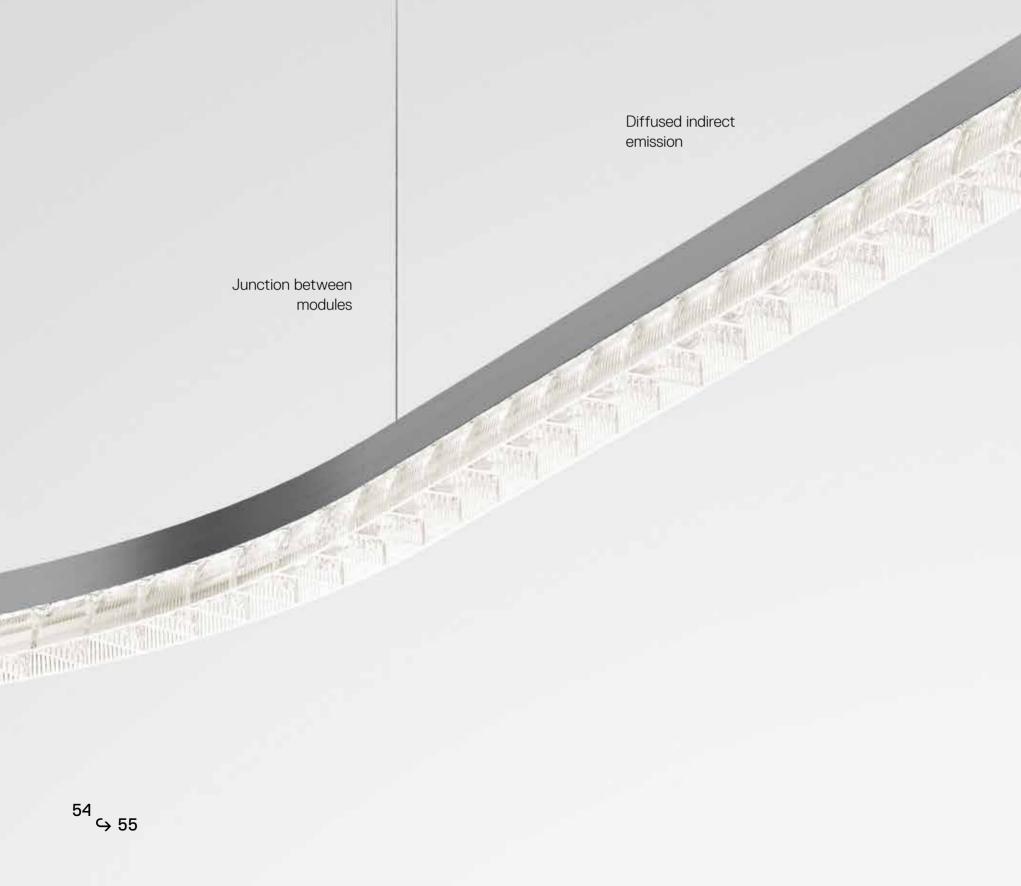
Minimized dimension & weight Reduced materials diversity

# Universal manufacturing act, infinite moltiplication

Semplified production steps Industrial intelligence

## Parameters scalability

Modular growth in the space Environmental perceptive balance





Diffused indirect emission

The patented optical synthesis is the principle through which to design the reality of lighting within space thanks to a system of linear and curved modules.



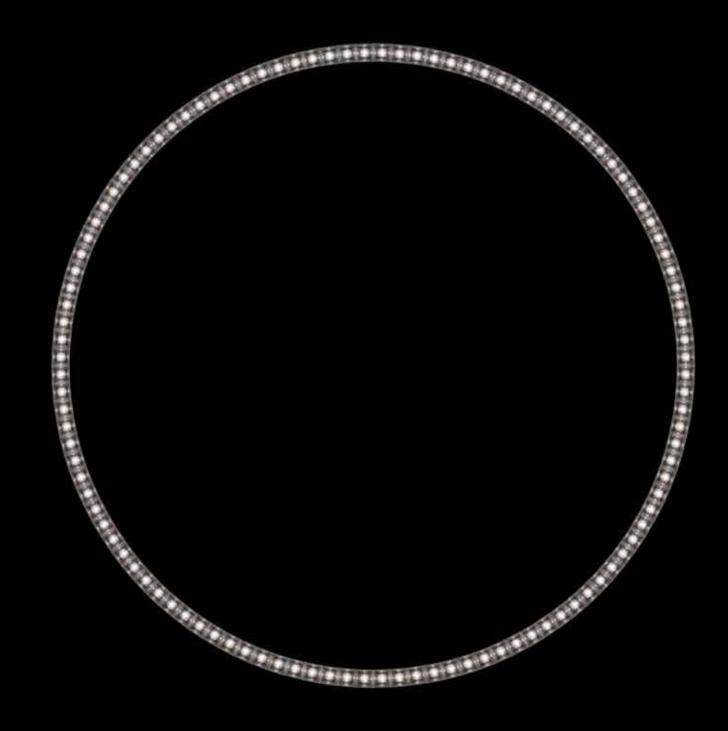
The direct emission is accompanied by an indirect emission that develops along its modules to balance the relationship of light with the environment. This second emission is also reduced to a minimum in its physical presence, and without adding anything redundant it becomes a support that contributes to the structure of its slender profile.

Somnĭum is light that does not dress itself up as something surplus, but synthesises the essentials according to defined parameters.

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ARTEMIDE APP

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Linear module 2100 2100 x h 32 mm Total Power: 45W

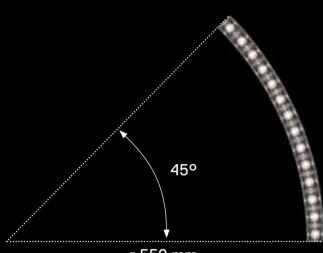
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Linear module 1680 1680 x h 32 mm Total Power: 36W

Linear module 1260 1260 x h 32 mm Total Power: 27W

**Circular module 1100** Ø1100 x h 32 mm Total Power: 36W

# STAND ALONE CONFIGURATIONS



r 550 mm



**Round module 45°** 170 x 340 x h 32 mm

Total Power: 4,8W

Linear module 420 420 x h 32 mm Total Power: 4,8W





Linear module 840 840 x h 32 mm Total Power: 9,6W

Linear module 1260 1260 x h 32 mm Total Power: 14,4W

Linear module 2100 2100 x h 32 mm Total Power: 24W



# Turn Around stand alone **Carlotta de Bevilacqua**

Turn Around stand alone suspension shares the same design principles of Turn Around system starting from parameters of sustainability, reduction, lightness, integration, optoelectronic intelligence, application freedom and interaction. It also shares the same components of Turn Around floor, integrating in the minimal structure two different lighting performances.

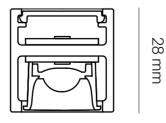
Turn Around stand alone combines a direct controlled emission to an indirect diffused emission manageable

#### Turn Around stand alone

28 x 28 x 1245 mm rose 35 x 35 x 450 mm Total Power: 17W direct + 17W indirect

Titanium

together. The high efficiency and the perfect control of the lighting emission make Turn Around stand alone an optimal solution for workplaces.



28 mm

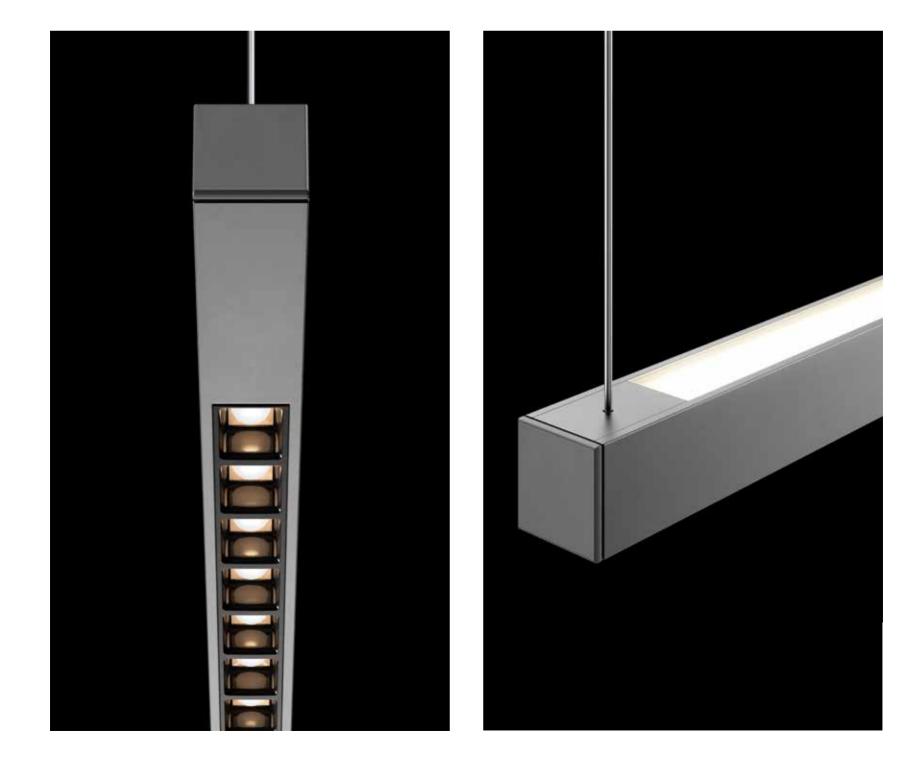
**Refractive lens** Collects 100% of the LED luminous flux

High efficiency Up to 135 lm/W

**Extreme glare control** UGR<19

7

- T





<sup>60</sup> ↔ 61



ARTEMIDE APP





# Hoy system recessed **Foster+Partners** Industrial Design

Hoy system stands out for its compact profile, with a section of a just 10 cm width combined with high performances and compositional flexibility.

The recessed version completes the range of Hoy system application adding a functional solution for false ceiling

**Recessed structure** 110 x 1132 x h 67 mm

Black

installation.

It mixes light modules with diffused, controlled refractive and adjustable spotlight emissions.

Spotlights feature 4 distinct beams and are now available not only in 90 mm diameter but also in a smaller dimension of 65 mm diameter.

#### Diffused module 1154

100 x 1154 mm Total Power: 24W

Refractive module 1154 100 x 1154 mm Total Power: 15W

Spot adjustable 90 100 x 385 mm spot Ø90 x 67 mm Total Power: 16,5W

Diffused module 2309 100 x 2309 mm Total Power: 48W

#### **Refractive module 2309** 100 x 2309 mm Total Power: 30W

#### Spot adjustable 65

100 x 385 mm spot Ø65 x 52 mm Total Power: 11,5W



Black

<sup>62</sup> ↔ 63



ARTEMIDE APP



Multiple lighting performances Diffuse, refractive, spot ARTEMIDE APP

Suspended linear modules 1154, 2309 x 100 x h 70 mm

**Joints** 90°

Interactive intelligences Presence, daylight sensors



# Hoy XL system Foster+Partners Industrial Design



Hoy XL incorporates the compositional principles of Hoy and retains its reduced width of only 10 cm.

In the spotlight range, Hoy XL also introduces a new optical solution with a lens that ensures precision, quality of perception, and high efficiency, available in four different

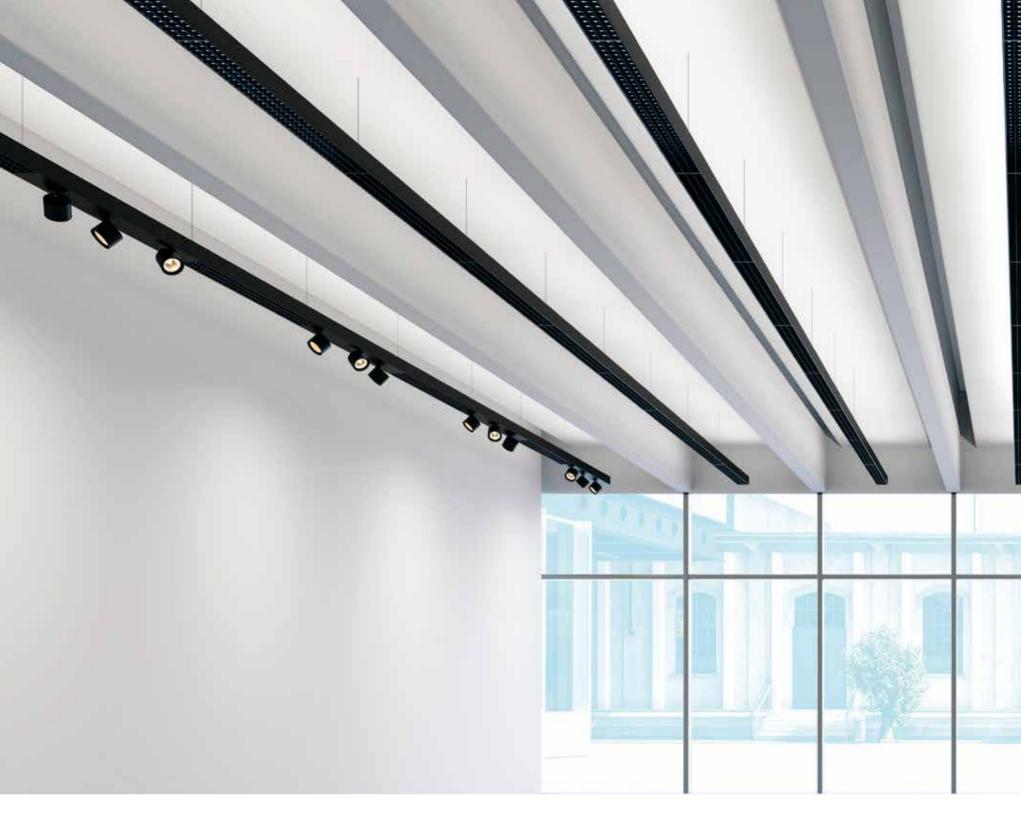
Thanks to its increased height, however, it also becomes capable of accommodating new lighting performances.

Hoy XL offers the flexibility to mix and match modules with diffused, refractive or spotlight effects in two different sizes.

Hoy XL introduces a second spotlight dimension, Hoy 65, which can either completely disappear into its profile or protrude for flexible orientation, as in the previous version.

beam angles.

With 90° angles, presence and daylight sensors, it provides a comprehensive solution for adaptable lighting, finely tuned to layouts, activities, and efficient energy utilisation.



# **Refractive emission**



High efficiency 85%

High efficacy Up to 146 lm/W

**Extreme glare control** UGR<16

Low luminance  $< 200 \text{ cd/m}^2 @ 65^\circ \text{ and above}$   $< 2000 \text{ cd/m}^2 @ 45^\circ \text{ and above}$ 

## High uniformity No multi-shadows effect

Refractive module 1154 100 x 1154 x h 70 mm Total Power: 15W direct or Total Power: 15W direct + 15W indirect

<sup>66</sup> ↔ 67

Refractive module 2309 100 x 2309 x h 70 mm Total Power: 30W direct or

Total Power: 30W direct + 30W indirect

**Controlled emission** 2x28°

**CRI 90** 

3000K-4000K



# **Diffused** emission



High efficacy Up to 120 lm/W

High glare control UGR<19

**CRI 90** 

Low luminance

3000K-4000K

Diffused module 1154	Diffused module 2309
100 x 1154 x h 70 mm	100 x 2309 x h 70 mm
Total Power: 24W direct	Total Power: 48W direct
or	or
Total Power: 24W direct +	Total Power: 48W direct
15W indirect	30W indire
	100 x 1154 x h 70 mm Total Power: 24W direct or Total Power: 24W direct +

mm direct

direct + indirect

Higher profile section to host fixed spot light in two dimensions and electronics Profile section 100 x h 70 mm

Spot 90, 65

New lenses Low glaring TIR lens

High efficiency 85%

High efficacy up to 120 lm/W

CRI 90

**Wide range** 2700K-3000K-4000K

SP 15°-FL 26° WF 36°-XF 60°

<sup>68</sup> ↔ 69





# Spot 90

Spot 65





**Spot adjustable 90** 100 x 385 x h 70 mm spot Ø90 x 67 mm Total Power: 16,5W **Spot fixed 90** 100 x 385 x h 70 mm spot Ø90 mm Total Power: 16,5W

**Spot adjustable 90 - 3X** 100 x 1154 x h 70 mm spot Ø90 x 67 mm Total Power: 49,5W or Total Power: 49,5W + 15W indirect **Spot fixed 90 - 3X** 100 x 1154 x h 70 mm spot Ø90 mm Total Power: 49,5W or Total Power: 49,5W +

15W indirect

**Spot adjustable 65** 100 x 385 x h 70 mm spot Ø65 x 52 mm Total Power: 11,5W

**Spot adjustable 65 - 3X** 100 x 1154 x h 70 mm spot Ø65 x 52 mm Total Power: 34,5W or Total Power: 34,5W + 15W indirect **Spot fixed 65** 100 x 385 x h 70 mm spot Ø65 mm Total Power: 11,5W

Spot fixed 65 - 3X 100 x 1154 x h 70 mm spot Ø65 mm Total Power: 34,5W or Total Power: 34,5W + 15W indirect

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# Hoy spot 65 Foster+Partners Industrial Design





#### White



#### Hoy spot 65 semi-recessed

Ø65 x h 67 mm recessed h 36 mm Total Power: 11,5W Hoy spot 65 SMD Ø65 x h 188 mm Total Power: 11,5W





Hoy spot is a wide range of elementary shaped yet highlyperforming adjustable spotlights.

It dialogues with the Hoy system, Hoy XL system and Hoy linear stand alone modules.

Hoy spot was designed in a 90 mm diameter and is now presented also in 65 mm diameter introducing a new lenses with a low glaring TIR optical technology.

In Hoy spot a simple cylinder protrudes from the surface at varying heights depending on the versions (recessed, semirecessed, SMD, three-phase track). Its volume is divided to direct the emission into the space; the movable part encloses the source and optics required to shape four different beam angles (15°-26°-36°-60°). New lenses Low glaring TIR lens

High efficiency 85%

High efficacy Up to 120 lm/W

**CRI 90** 

## **Wide range** 2700K-3000K-4000K SP 15°-FL 26°-WF 36°-XF 60°

#### Hoy spot 65 recessed Ø65 mm recessed h 148 mm Total Power: 11,5W

Hoy spot 65 three-phase Ø65 x h 110 mm Total Power: 11,5W



# L'angolo Giulia Foscari UNA/UNLESS

"Architecturally speaking, the act of claiming the corner, of amplifying it by juxtaposing a metal folded plate that blends or highlights visually the architectural element, enables maximum spatial flexibility. It enables the ultimate "open plan"."

Giulia Foscari

"L'angolo, the corner, is the meeting point of two planes; in architecture, of two walls. Whilst the walls have been the subject of architectural treaties, lectures, essays, and conversations, the corner remains neglected, undertheorised. Yet it is that edge, so charged symbolically – "go in the corner", "you are cornered", "the dirty corner"– that defines the space. It confines it. It draws a line. It casts a shadow. It is the full stop of a sentence.

By designing a light that occupies that very edge, that embodies the corner, projecting light from what is commonly a dark and forgotten space, the corner is empowered. It's existence, recognised.

It's almost inexistent footprint, acknowledges and respects the value that space has in the hyper-dense cities that accommodate for the ever-growing population. While its L'angolo is a lighting system that interacts with the architectural space, blending into the juncture between two walls.

It embodies a modular concept that unfolds at various heights and thanks to a smart plug-in feature, it can effortlessly house adaptable solutions for both diffused and accent lighting.

The two adjacent surfaces at a 90° angle showcase an alternating arrangement of designated spaces, ready to host lighting components. This design allows for a flexible positioning based on the desired direction and amount of light needed.

L'angolo thus becomes a fundamental principle, a universal formula that unfolds with varying levels of complexity to offer solutions suitable for every type of space.

potentially endless height, achieved by connecting vertically multiple modules, offers an unprecedented solution to provide lighting in historic high-ceiling buildings and monuments.

Acutely aware that conceiving a light as an architectural element rather than a design object calls for a reflection on the role of architecture within the planetary crisis, and mindful that the construction industry accounts for 37% of the CO<sup>2</sup> emissions and for 30% of waste materials in the world, L'angolo is produced with recycled materials and designed in such a way to guarantee the autonomy of each component, thus enabling total disassembling and reuse."

Giulia Foscari

# **L'angolo** Una Pro mini

**L'angolo structure 2000** 124 x 124 x h 2000 mm

**L'angolo structure 3000** 124 x 124 x h 3000 mm

O White



L'angolo Una Pro mini Carlotta de Bevilacqua 80x80 mm Total Power: 11,5W

O Silver

<sup>74</sup> ↔ 75

# PATENT OF









Responsible innovation Minimized dimension

Intelligent reduction

### in materials and components

Low energy consumption

High efficacy 130 lm/W

12°-26°-40°

## L'angolo diffused



### ARTEMIDE APP

**L'angolo structure 2000** 124 x 124 x h 2000 mm L'angolo structure 3000 124 x 124 x h 3000 mm



L'angolo diffused 60

120 x 120 x h 600 mm Total Power: 10W

L'angolo diffused 90 120 x 120 x h 900 mm Total Power: 15W

L'angolo diffused 120 120 x 120 x h 1200 mm Total Power: 20W

O White

Flexible and reconfigurable, it is a perfect tool for temporary installations where light follows the rhythms of what unfolds in the space. The lighting elements can be rearranged within it to illuminate different exhibition layouts, redefine staging in retail spaces, or adapt to the dynamics of domestic environments. L'angolo floor diffused (120 + 90 modules) 275 x 275 x h 2000 mm Total Power: 35W L'angolo floor Una Pro mini (8 spots) Carlotta de Bevilacqua 275 x 275 x h 2000 mm Total Power: 92W

Silver

It can be installed either vertically or horizontally, to follow frames or other architectural elements, it dialogues with the dimensions of space and their perception through light. L' angolo unfolds as both a structure hugging the walls and a freestanding element, crafted from four angular sections coming together. A square base in two of the four sectors ensures the delicate vertical structure maintains its balance.

L' angolo project combines Artemide's expertise with a thoughtful approach to architectural and spatial interventions. The outcome is a solution that effortlessly fits into spaces with rich histories or contemporary vibes, finding applications in museums, retail spaces, or the home. It places emphasis not just on the system itself but on the quality of light and the ambiance it creates.

### <sup>76</sup> ↔ 77

WhiteBlue

# **L'angolo** floor



# Dreispitz Herzog & de Meuron



"Dreispitz is a lighting element that has evolved from our architectural roots. Originally developed for an artist's studio, this versatile lamp was reimagined through a series of architectural projects, including Helsinki Dreispitz in Basel.

Proving its ability to adapt successfully over time, we decided to finalize the idea into a light system product.

The evolution of Dreispitz has an aluminum extrusion design that allows greater flexibility in terms of length, mountings and positioning.

The key to the lamp's versatility is the triangular central core. It segments the three possible light sources in different directions. By sliding the elements in and out of extruded channels, it allows for the exchange between direct light, diffused light, or no light at all."

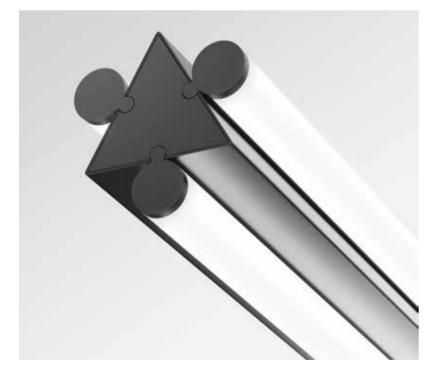
Herzog & de Meuron



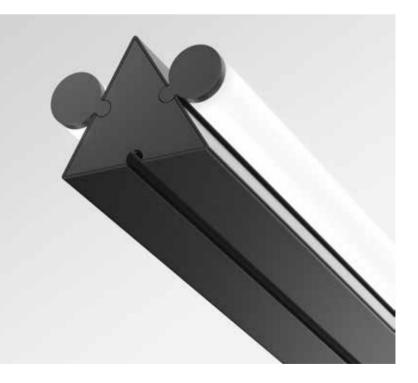
# **Dreispitz** suspension

PATENT OF

# **3** Diffused emissions



# 2 Diffused emissions

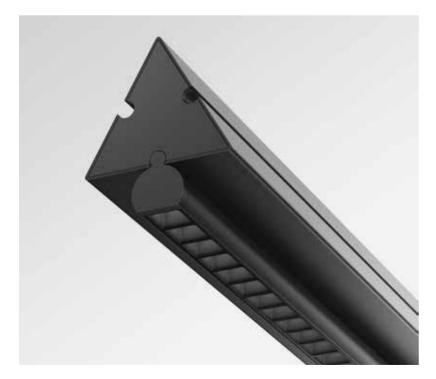


Dreispitz suspension horizontal 120 104 x 99 x 1132 mm h max 1800 mm rose Ø137 mm Total Power: 45W Dreispitz suspension horizontal 150 104 x 99 x 1412 mm h max 1800 mm rose Ø137 mm Total Power: 56W Dreispitz suspension horizontal 120 78 x 99 x 1132 mm h max 1800 mm rose Ø137 mm Total Power: 23W Dreispitz suspension horizontal 150 78 x 99 x 1412 mm h max 1800 mm rose Ø137 mm Total Power: 30W

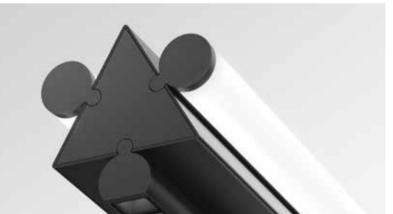




# **1** Controlled emission



# 2 Diffused emissions **1** Controlled emission





Dreispitz suspension horizontal 150 98 x 85 x 1412 mm h max 1800 mm rose Ø137 mm Total Power: 19W

Dreispitz suspension horizontal 120 98 x 99 x 1132 mm h max 1800 mm rose Ø137 mm 15W controlled

Dreispitz suspension horizontal 150 98 x 99 x 1412 mm h max 1800 mm rose Ø137 mm Total Power: 30W diffused + Total Power: 38W diffused + 19W controlled

# **Dreispitz** floor



# **3** Diffused emissions

**Dreispitz floor** 99 x 104 x h 1846 mm base Ø250 mm Total Power: 56W

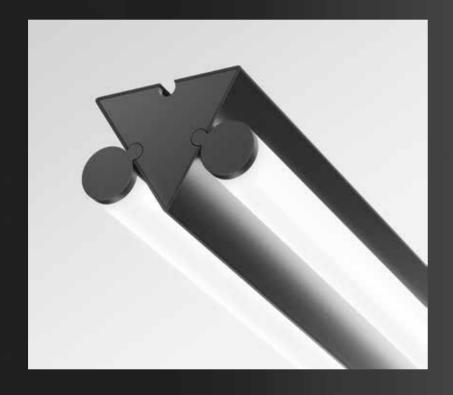


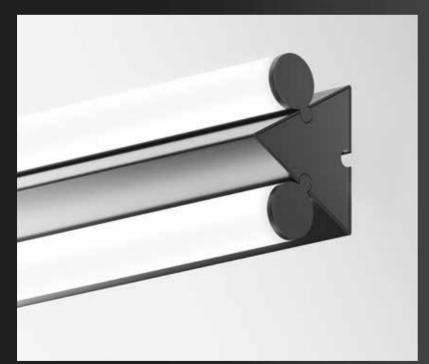
Green

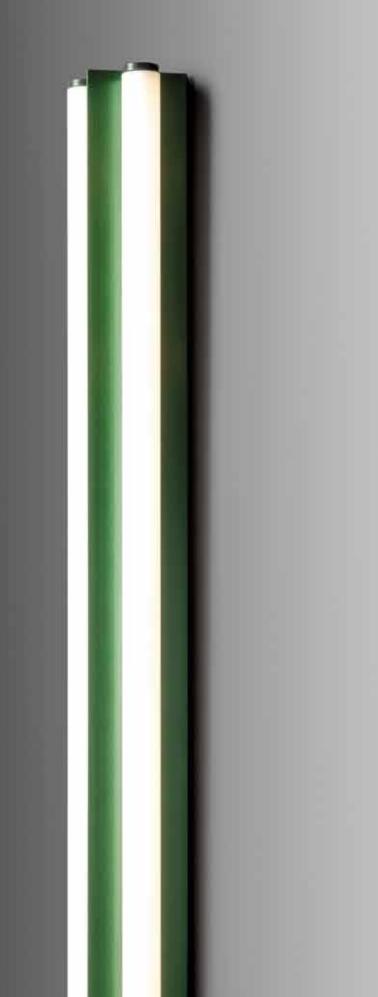


# **Dreispitz** wall/ceiling

# 2 Diffused emissions









**Dreispitz wall/ceiling 90** 78 x 99 x 822 mm Total Power: 23W **Dreispitz wall/ceiling 120** 78 x 99 x 1132 mm Total Power: 30W



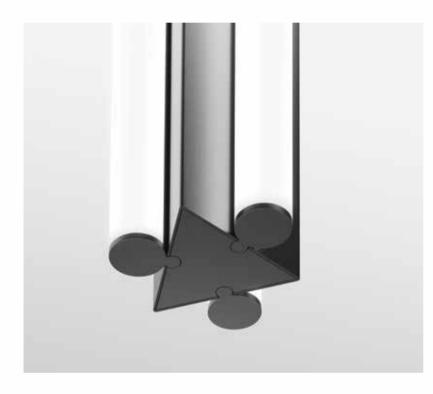
Black



<sup>84</sup> ↔ 85

# **Dreispitz** suspension vertical

# **3** Diffused emissions



Dreispitz suspension vertical 90 104 x 99 x 822 mm rose Ø152 mm Total Power: 34W Dreispitz suspension vertical 120 104 x 99 x 1132 mm rose Ø152 mm Total Power: 45W













## **Dreispitz collection**

A single product with double emission adapts to the three dimensions of space with different stand alone and systemic versions.

<sup>86</sup> ↔ 87

ARTEMIDE APP



Dreispitz is a pure element, a Euclidean geometric form that is not only scenographic but also absolutely professional in the light emission generated through its compositions.

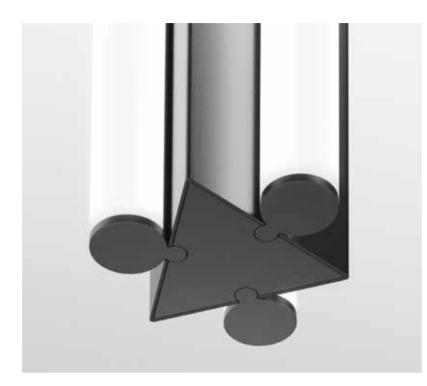
A triangular central core houses the electronic components and can also accommodate management intelligence. On all three sides it supports light diffuser tubes that distribute the light emission softly and evenly in the space.

Intelligent modular construction allows the structure to be combined with an element featuring sharping controlled emission to respond to the needs of workplaces with controlled UGR. Dreispitz is a functional solution that is nonetheless poetic thanks to the simplicity of its geometry and the freedom it allows to create graphic compositions that combine horizontal and vertical elements. It represents industrial intelligence that can be adapted to many different applications.

It can be a professional tool for office environments, a functional solution for the world of hospitality, a distinguishing feature for common areas, a unique piece that is both poetic and timeless, with the ability to blend seamlessly with any setting. It is versatile and universal. It is an unadorned, essential element that nonetheless has a strong, recognisable identity.



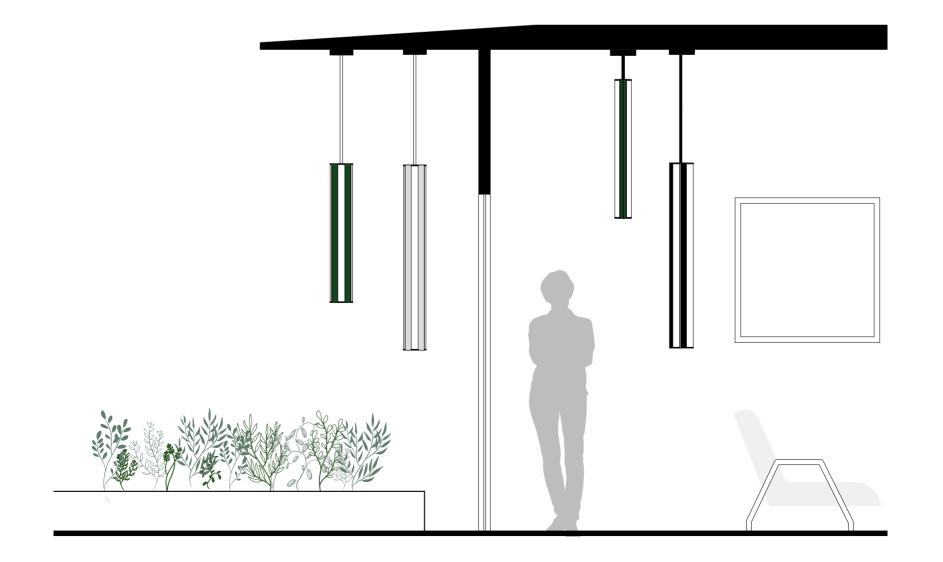
## Dreispitz outdoor



**Dreispitz outdoor 90** 156 x 166 x 910 mm rose Ø150 x h 36 mm Total Power: 43W **IP**65 **Dreispitz outdoor 120** 156 x 166 x 1210 mm rose Ø150 x h 36 mm Total Power: 57W **IP**65 In the outdoor version, the Dreispitz section grows to meet technical requirements and establish a harmonious connection with both architecture and nature in the expansive outdoor areas.

Dreispitz outdoor is conceived as a vertical suspension with diffusing elements on all three sides of the triangular section. Available in two lengths, 90 and 120 cm, providing the flexibility to tailor the lighting based on the heights of the spaces and the required performance.

Like with Dreispitz, the central core contains the electronics, while the lighting elements are modular. Ideal for both private and public spaces, it engages with architecture with a presence that effectively defines and characterises the illuminated areas.





# Helgoland Carlotta de Bevilacqua

"Helgoland is an island linked to quantum physics which today allows us to interpret light in a new way. Beyond wavelength light is measured science, quanta of energy."

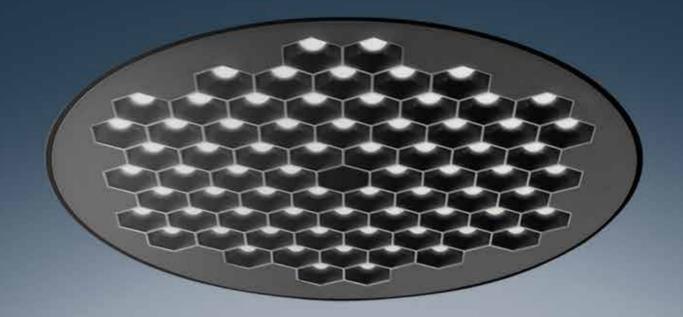
Carlotta de Bevilacqua

<sup>90</sup> ⇔ 91



# PATENT OF

### OPTICAL PRINCIPLE FOR INCREMENTAL GROWTH



Helgoland 160 SMD no driver Total power: 17W 3000K **IP**40

<sup>92</sup> ↔ 93



Helgoland 160 Recessed trimless Total power: 17W 3000K **IP**40

### REDUCE TO INNOVATE THROUGH COLLABORATIVE UNITS



Helgoland has an optimised construction also with respect to the structure of the various installations.

The light engine is in fact an element which can be combined through an easy magnetic fixing system with various accessories: for recessed version, with or without a frame, or ceiling installation, with or without driver, up to an adjustable arm that connects it to other systems and tracks in the collection.

Trimless

Trim

SMD no driver

SMD built-in driver











Very high efficacy The power division of the LEDs helps to ensure a good dissipation by reducing the overall footprint. Up to 150 lm/W At the same time, the different optical cells cooperate to achieve a high luminous flux which is expressed through a **High efficiency** perfectly uniform light emission. More than 80% The extremely compact size and the hexagonal geometry are combined to guarantee the eradication of the multi-Extreme glare shadows effect. control A hexagonal screen, which is essential to visual comfort as it **UGR<19** avoids glare, develops around the circular lens which catches

**CRI 90** 

### High uniformity No multi-shadows

The result is a very small optical engine, just 12,5 mm thick, which becomes a universal principle of light applicable in infinite situations.

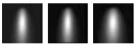
100% of the flux emitted by the LED and controls it.

60 mm

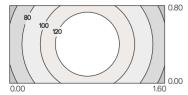
90 mm



Helgoland 60 (6 LEDs) Ø 60 x h 12,5 mm Total power: 2,6W 3000K **IP**40



FL 36° WF 48° XF 64° 315lm 390lm 390lm

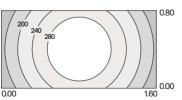


Installation h 3200 mm - Desk h 750 mm  $E_{u} = 103 \text{ k} \text{ u}_{0} = 0,538$ 

Helgoland 90 (18 LEDs) Ø 90 x h 12,5 mm Total power: 6W 3000K **IP**40



725lm 900lm 900lm



Installation h 3200 mm - Desk h 750 mm  $E_{av} = 238 \text{ lx} \quad u_0 = 0,538$ 

0.80

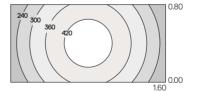


120 mm

Helgoland 120 (36 LEDs) Ø 120 x h 12,5 mm Total power: 8,5W 3000K **IP**40



FL 36° WF 48° XF 64° 1050lm 1300lm 1300lm



Installation h 3200 mm - Desk h 750 mm  $E_{av} = 344 \text{ lx} \quad u_0 = 0,538$ 

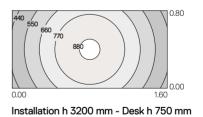


160 mm

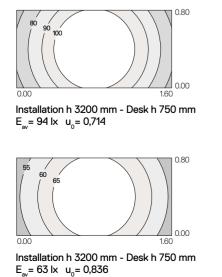
Helgoland 160 (72 LEDs) Ø 160 x h 12,5 mm Total power: 17W 3000K **IP**40

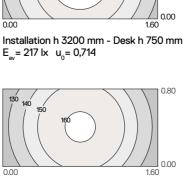


FL 36° WF 48° XF 64° 2100lm 2600lm 2600m



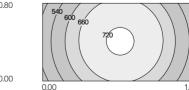
WL 48° (2X24°)



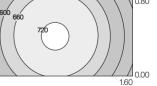


Installation h 3200 mm - Desk h 750 mm  $E_{av} = 145 \text{ lx} \quad u_0 = 0,836$ 

0.00 1.60 Installation h 3200 mm - Desk h 750 mm E<sub>...</sub>= 313 lx u<sub>0</sub>= 0,713



 $E_{av} = 688 \text{ lx} \quad u_0 = 0,538$ 

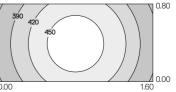


Installation h 3200 mm - Desk h 750 mm  $E_{av} = 625 \text{ lx} \quad u_0 = 0,712$ 

0.80 0.00 1.60

Installation h 3200 mm - Desk h 750 mm

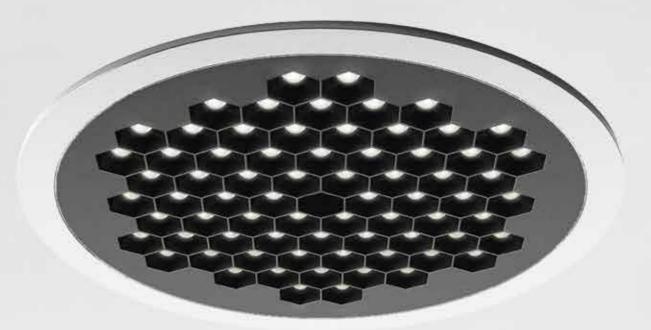
 $E_{av} = 209 \text{ lx} \text{ u}_0 = 0,836$ 

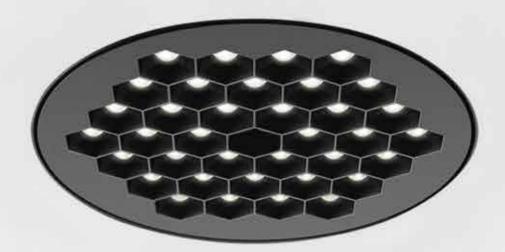


Installation h 3200 mm - Desk h 750 mm E<sub>av</sub>= 418 lx u<sub>o</sub>= 0,835

XF 64° (2X32°)

### HELGOLAND ARCHIPELAGO





Incremental optical geometry

Sustainable principles Less materials and optimized

Hexagonal cells

### processes

### **Esarefractive lens** Collects 100% of the LED Iuminous flux

Maximized flux density per unit area

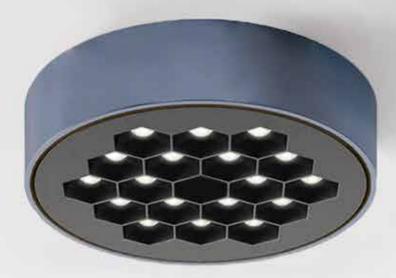
Scalable platform Ø160, Ø120, Ø80 and Ø60 mm

**Minimized thickness** 12,5 mm

<sup>96</sup> ↔ 97

ARTEMIDE APP









ARTEMIDE APP Light engine

Black

Helgoland is an efficient and perfectly controlled light principle that applies to an incremental, compact and optimised geometry, capable of casting good light into any space.

### Structure White Black Silver Copper Cobalt blue

The patented technology of the refractive optics is miniaturised and developed according to a hexagonal mesh that maximises the density of the luminous flux emitted.

The hexagonal geometry makes it possible to place the elements side by side without wasting space, according to the shape of a honeycomb.

This model is inspired by nature, by the intelligence of bees. The geometry enables free, linear or radial-centric growth just as in these first versions of Helgoland.



# Sylt

# Carlotta de Bevilacqua

<sup>98</sup> ↔ 99

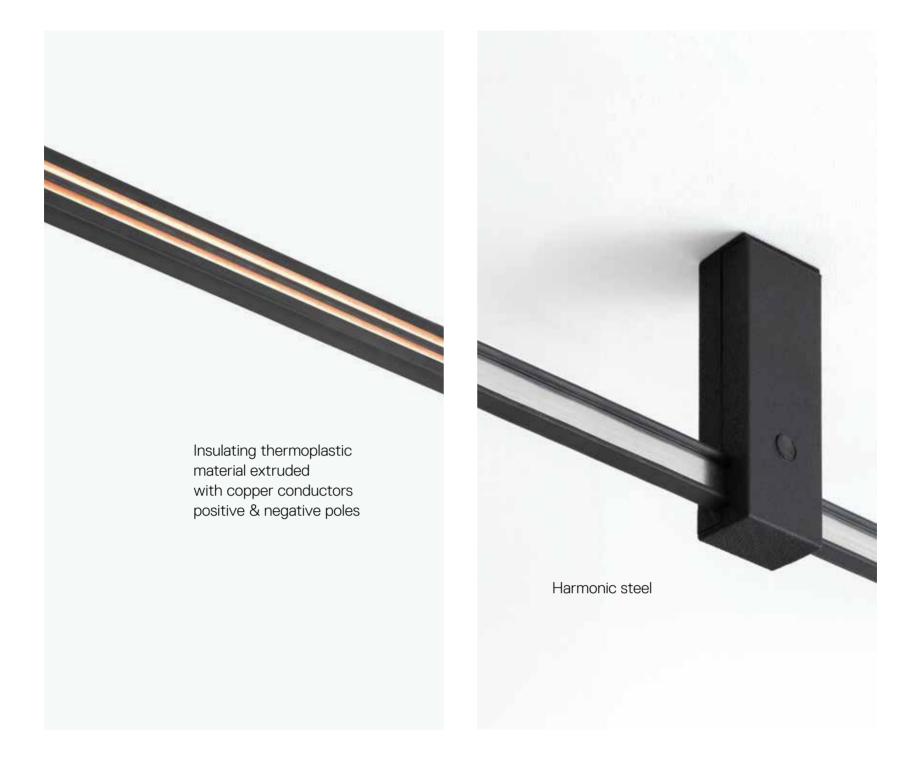
# PATENT OF



"In an attempt to design what does not exist, it minimises the section of the track. It lays bare the essence of shining light into space, while expressing the beauty that derives from subtracting."

### Carlotta de Bevilacqua

## CRAFTING SUSTAINABILITY IN TIME & SPACE



Sylt takes the concept of a track capable of powering and supporting multiple lighting elements to the extreme, providing both high-tech and expressive beauty.

In a minimum section the two copper conductors, extruded with a section of thermoplastic insulating material, are left exposed to view yet fully safe. A slim band of harmonic steel runs along the back, forming the profile and allowing the different geometric shapes to be plied and retained. Sylt is a paradigm shift in the absence of geometric restrictions on its compositions, in the inclusiveness it accommodates with multiple lighting elements, from the most innovative versions such as Helgoland, to high-tech solutions like Vector, minimal lamps like Sphere and a diffusing module, through to elements designed by other designers, such as Unterlinden by Herzog & de Meuron, Gople mini and La linea 25 by BIG -Bjarke Ingels Group.

**o** 

The track turns into a belt which can be bent at the construction site, simply, to accommodate any geometric shape dictated by the lighting requirements and by the architecture.

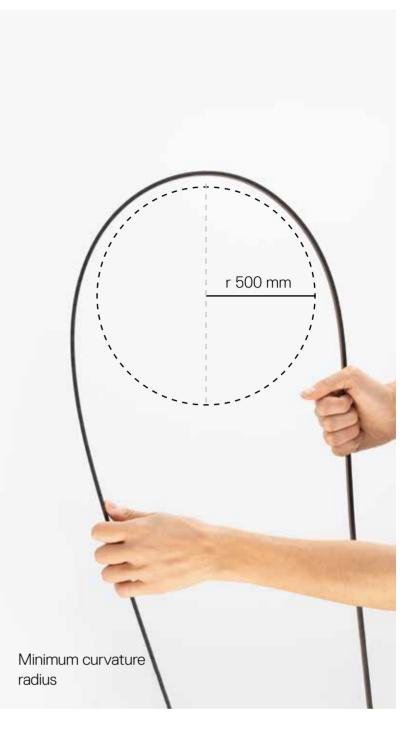
It is possible to outline curves that are accentuated to different extents, free and sinuous shapes that come together with a wealth of light performance. This system has been pared down to the minimum in its structure but not in the performance it delivers.

From a single point, it can run continuously for 10 meters, guaranteeing the utmost freedom in space and optimising the installation.

The lighting elements connect to the track with an adapter which combines power supply, management and mechanics.

# SPATIAL FREEDOM & INTELLIGENCE





The section of Sylt is just 7 x 14,5 mm.

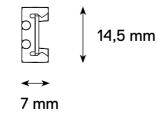
Thanks to its materic features, the track can also be folded in place with a minimum radius of 500 mm.

The project overcomes architectural and installation constraints in terms of layout and time.

The profile dialogues with the architectural space following light needs through its ceiling version.

High flexibility in installation and layout.

Free composition on site.



# PATENT OF

## MECHANICAL AND ELECTRONIC SYNTHESIS

7 x h 14,5 mm 2-poles track for a neverending energetic infrastructure. Feedable anywhere ensuring a total flexibility in installation time.

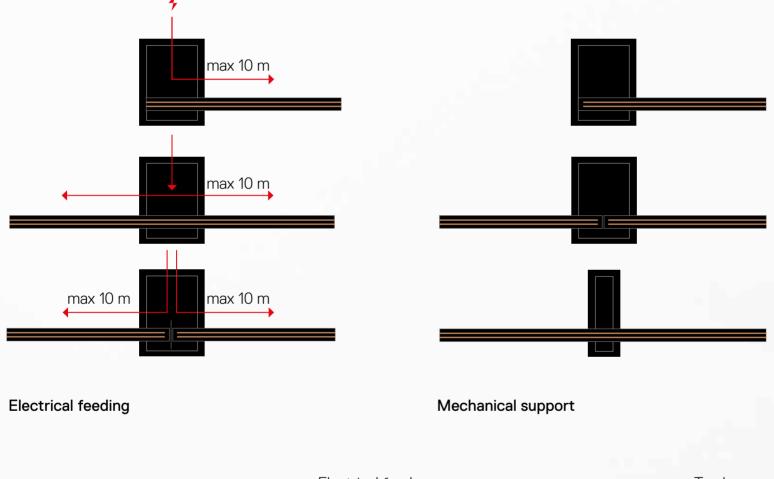
Minimal mechanical elements help to maintain the desidered geometry.

Miniaturized electrical and mechanical bridges allow long continuous runs of the track in the space.

Special mechanical and electronic adapters allow to manage lighting appliances dimming in broadcast mode by mean of Push, Artemide App, 0-10V, Dali remote power supply.

Compact dimension.

48V long run with one driver max power 120W.



Electrical feeder up to 10 m and mechanical support Track





Electrical feeder & mechanical support 48 x 77,5 x 20 mm Mechanical support 27 x 77,5 x 20 mm Mechanical & electronic adapter 27 x 77,5 x 20 mm

# UNIVERSAL INCLUSIVITY

Sphere 9 Carlotta de Bevilacqua Ø90 x h 119 mm

**Gople mini BIG - Bjarke Ingels Group** Ø145 x h 294 mm **Unterlinden Herzog & de Meuron** Ø117 x h 97 mm

Vector 30 Carlotta de Bevilacqua Ø30 x h 77 mm Diffused linear 600 Carlotta de Bevilacqua 599 x 27 x h 20 mm

cable max 1200 mm Total Power: 4W

cable max 1200 mm Total Power: 9W

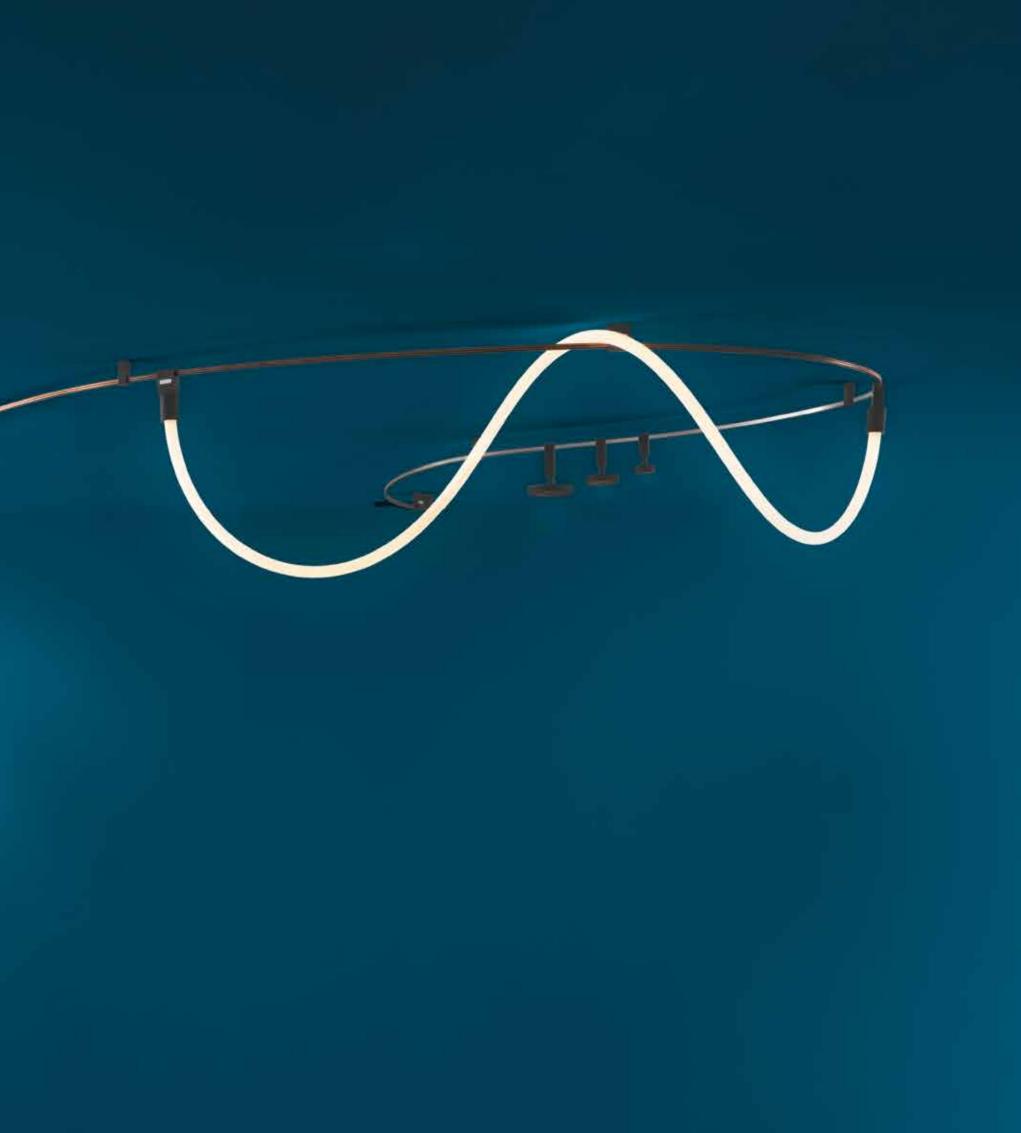
Sphere 14 Carlotta de Bevilacqua Ø90 x h 166 mm cable max 1200 mm Total Power: 8,5W cable max 1200 mm Total Power: 7W

Total Power: 7W

Total Power: 15W

Vector 40 Carlotta de Bevilacqua Ø40 x h 103 mm Total Power: 10W **Diffused linear 1200 Carlotta de Bevilacqua** 1187 x 27 x h 20 mm Total Power: 30W





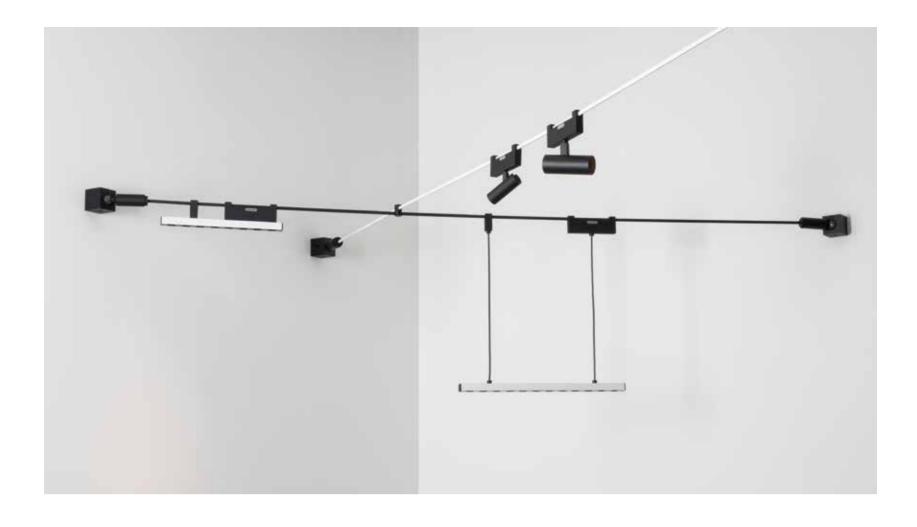
La Linea 25 BIG - Bjarke Ingels Group Ø25 x 2500 mm Helgoland 60 Carlotta de Bevilacqua Ø60 x 12,5 mm

Total Power: 32W

Total Power: 3W

Helgoland 90 Carlotta de Bevilacqua Ø90 x 12,5 mm Total Power: 7W

Helgoland 120 Carlotta de Bevilacqua Ø120 x 12,5 mm Total Power: 10W



# Funivia Carlotta de Bevilacqua

"Funivia is an open network of tangible and intangible relations that is free and inclusive and can evolve through the cooperation of its elements.

The introduction of the new diffusers it is a sign of the dialogue and shared values between the architects who design for Artemide, of consistency with common principles which are then expressed in different languages according to the skill of each individual designer."

### Carlotta de Bevilacqua

# <sup>106</sup> ↔ 107

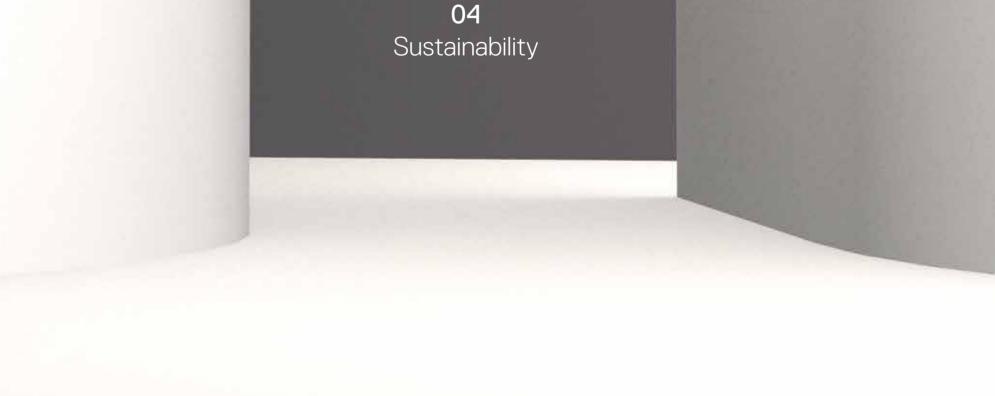


01 Beyond freedom

### 02

Neverending material + Immaterial meshwork

03 Universal inclusivity





### Funivia cable

5 x 8 x 10000-20000 mm

Gople diffuser BIG - Bjarke Ingels Group Ø210 x 420 mm Total Power: 12W E27 48V LED

Sphere 35 diffuser Carlotta de Bevilacqua Ø350 mm Total Power: 12W E27 48V LED



Funivia is an open system, free to evolve without architectural constraints. It now embraces new opportunities for interacting with spaces by introducing structural and light elements that break the tension of the system.

The new compositional elements not only allow for creating taut lines between joints to direct light where needed but also enable the formation of intervals where the cable descends, supported by the weight of the light element.

The diffusers can be suspended at different heights throughout the space, using both tensioners to secure them in place and diverters to balance their positions. This turns the light element into a dynamic counterbalance in shaping the configuration's equilibrium.

Funivia therefore provides the freedom to craft suspensions at varying heights, where the cable serves as support, power source and a graphic element that can be individually defined to personalise the space.

Stellar Nebula 30 diffuser BIG - Bjarke Ingels Group Ø300 x 370 mm Total Power: 12W E27 48V LED



### ARTEMIDE APP

# <sup>108</sup> ↔ 109



## PATENT OF



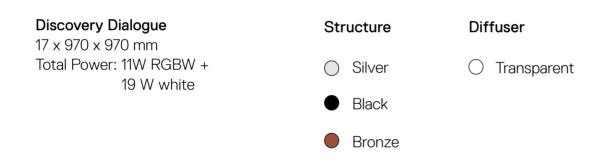






Photo by Pierpaolo Ferrari

# Discovery Dialogue Ernesto Gismondi with Carlotta



Discovery is the latest project by Ernesto Gismondi.

It is not a closed project but rather a vision, a concept of how light can be interpreted through technological research, optoelectronic expertise, design culture and production know-how. Carlotta de Bevilacqua delves even deeper into the principle, exploring new possibilities to create a dynamic dialogue between light, space and our perception.

An unexpected touch emerges within this optical algorithm,

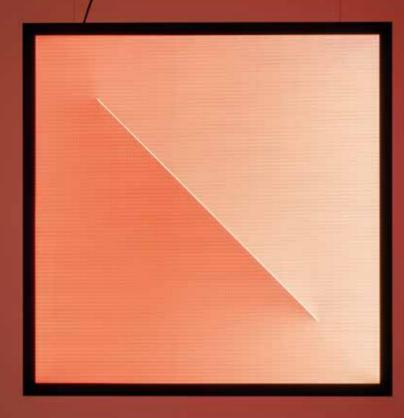
This further pushes the possibility of being the authors of one's own light in space. It makes it possible to balance a clear perception through white light with a colourful ambiance, adjusting various colour temperatures, playing with colour choices to align with activity rhythms, encouraging well-being and interacting with the environment through transparency.

Discovery Dialogue is a project originating from a scientific and technological platform, made of matter and controlled wavelengths where beauty is added through subtract.

explored in various forms and sizes. A diagonal cut, reminiscent of Fontana's canvases, disrupts the surface by splitting it in half. This intervention makes it possible to handle light in two ways. It breaks the uniformity of Discovery's surface by dividing it into two different light emissions, each perfectly calibrated in its light characteristics.

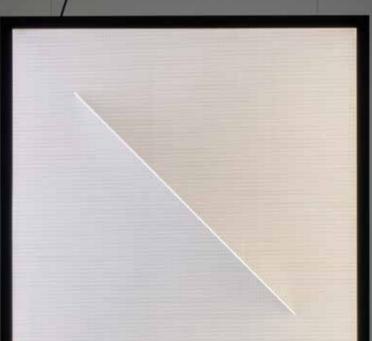
The cut disrupts the sequence of micro-incisions that extract light, creating a new balance between two types of light, whether similar or contrasting. The space that opens up between the two parts sparks a dialogue, allowing the emissions from the frame's profile to freely separate and vary independently. It starts with science, moving from measurements to create a perception and a relationship with space infused with symbolic meaning.

112 ♀ 113

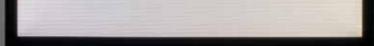












# Knop collection BIG - Bjarke Ingels Group



**Knop 45** Ø315 x 450 mm Total Power: 17W **IP**65

**Knop 90** Ø315 x 900 mm Total Power: 17W **IP**65 Knop collection is iconic in the simplicity of its geometric shapes, perfectly functional and designed to interact with the surrounding natural environment.

The curvature of the head echoes the geometry of Gople, a detail that creates a dialogue with BIG's other indoor and outdoor proposals for Artemide.

A "family feeling" that is not formal standardisation but a sign

### **Knop 225** Ø315 x 2250 mm Total Power: 24W **IP**65

Silver

### <sup>114</sup> ♀ 115

that creates a compositional balance within diversification.

This geometry, combined with carefully selected finishes, is perfect for blending seamlessly into outdoor environments, reflecting nature and helping to keep the bollard head clean.

The Knop collection consists of three elements of different heights and a wall version to cater to the various needs of outdoor spaces, marking paths or creating large illuminated areas where people can linger.

The geometry of the head screens light in compliance with regulations, avoiding glare, and the structure is minimal but very durable, perfect not only for private but also public outdoor spaces.





<sup>116</sup> ← 117







## Knop wall/ceiling



Knop wall/ceiling Ø315 x 152 mm Total Power: 17W

**IP**65

## <sup>118</sup> ♀ 119



# Trilix **Mario Cucinella**



### Trilix

Ø425 x h 1800 mm Total Power: 19W **IP**65

## Trilix bollard

Ø234 x h 870 mm Total Power: 10W **IP**65

Trilix is a family of lamps for outdoor spaces featuring a lightweight structure, comprised of three elements that are intertwined to give stability and support to a flat disc with a ring of direct light which is softly diffused in the surrounding space.

The lamp head concentrates the light emission downwards, in a controlled, glare-free but open way which generates a large area of light.

Trilix, whose name comes from the Latin for three threads, harks back to the ancient Roman tradition of weaving together a trio of strands for extra strength.

This interweaving provides a slender, open structure which interacts with the surrounding environment.

Black



**Energy** Téchne Sustainability Perception Parametrics Architects Health Measure Technology Competence **Human** Interaction Interactivity Environment Science Experience Photonics **Knowledge** Material Creativity Manufacturing Values Humanism Communication

Heritage - Tradition - Project Culturo





Pesearch - Innovation - Vision

## <sup>122</sup> ↔ 123



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