

SENSORY STUDIO

ONNDA

COLLECTION CATALOGUE

C-S

CATRINELSABACIAG.COM

ONNDA

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C-S



ONNDA COLLECTION

Onnda is a family of objects that embody dichroic light effects. Through its composition depending on the angle from which it is viewed, the material creates a whole spectrum of lights, reflections, and shadows. All the objects aim to capture the aery beauty of ever-changing lightscapes.

Onnda is the result of our ongoing investigation into optical phenomena and our fascination with transparencies, reflections, and shadows. Our inspiration often comes from nature and we strive to bring you the experience of wonder we feel when gazing at nature.

The shape used, the circle, is a primordial, universal form, as are the elements that shape the collection. Onnda incorporates five elements: fire, air, light, and time. Each element is embodied in a different object: fire-candle holders, air-wind mobiles, light-luminaires, time-alternative clocks.

ONNDA LIGHT



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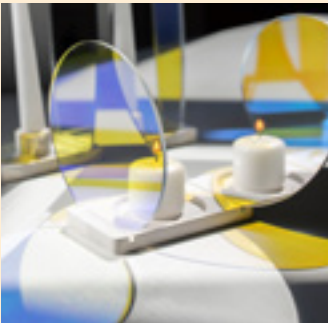


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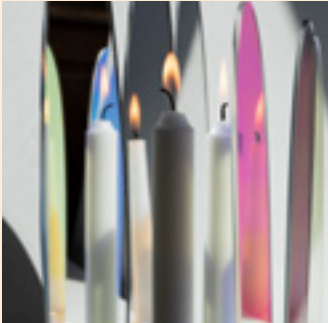
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ABOUT



ONNDA LIGHT

*/glowing, otherworldly, satin, bright, colorful,
subtle, dreamy, ritual /*

Onnda Light is the result of Catrinel's interest in shaping light using optical material properties. The luminaires are composed of a Neon Led tube placed behind sheets of specially coated optical plexiglass. The light's journey through the material is marked by unexpected hues of colors and transparencies.

Some of the luminaires' shapes resemble totems, whilst the light creates a state of tranquility. The lamps are brought to life by the viewer, who by turning them on unravels a harmonious, yet surprising play of light, color, and opacity. The luminaires are smart and can be controlled via app or remote. They have a dimming function, as well as color-changing (Aurora lamps and Noosphere table version) which also influences the lightscape. This function enables the user to use the lamp as ambient light or a decorative lamp.

Each piece is entirely produced, hand-finished, and assembled with care in-house in our Studio based in Transylvania.

« EVENT HORIZON

[>>VIDEO LINK](#)



« AURORA MATT

AURORA

A luminaire that seems alive and is inspired by the fascinating spectacle offered by the Northern lights.

Aurora displays a dynamic pattern of brilliant lights, an ever-changing light and color delight. The intensity and shades can be changed using the RGB fixture, however, the unique light effects are obtained using a special Plexiglas coating.

Through our Smart and user-friendly app, you can become the designer of your own light show: The lamp can be controlled by a remote control or by an app, as well as Alexa, Google home assistant, and Siri. The luminaire has a complete RGB spectrum, and predefined color-changing programs, thus enabling you to design your own color and intensity program to suit your mood. The smart option allows you to sync the color with weather changes .

The Tuya Smart app is very versatile and adapts to different needs and atmospheres, from party light, by syncing the color effects with your favorite music to a subtle and soothing night lamp or an accent lighting fixture.

Aurora comes in two finishing options, that also influence the perceived color of light:

Aurora Matt: red hue when using white light

Aurora Gloss: light yellow hue when using white light

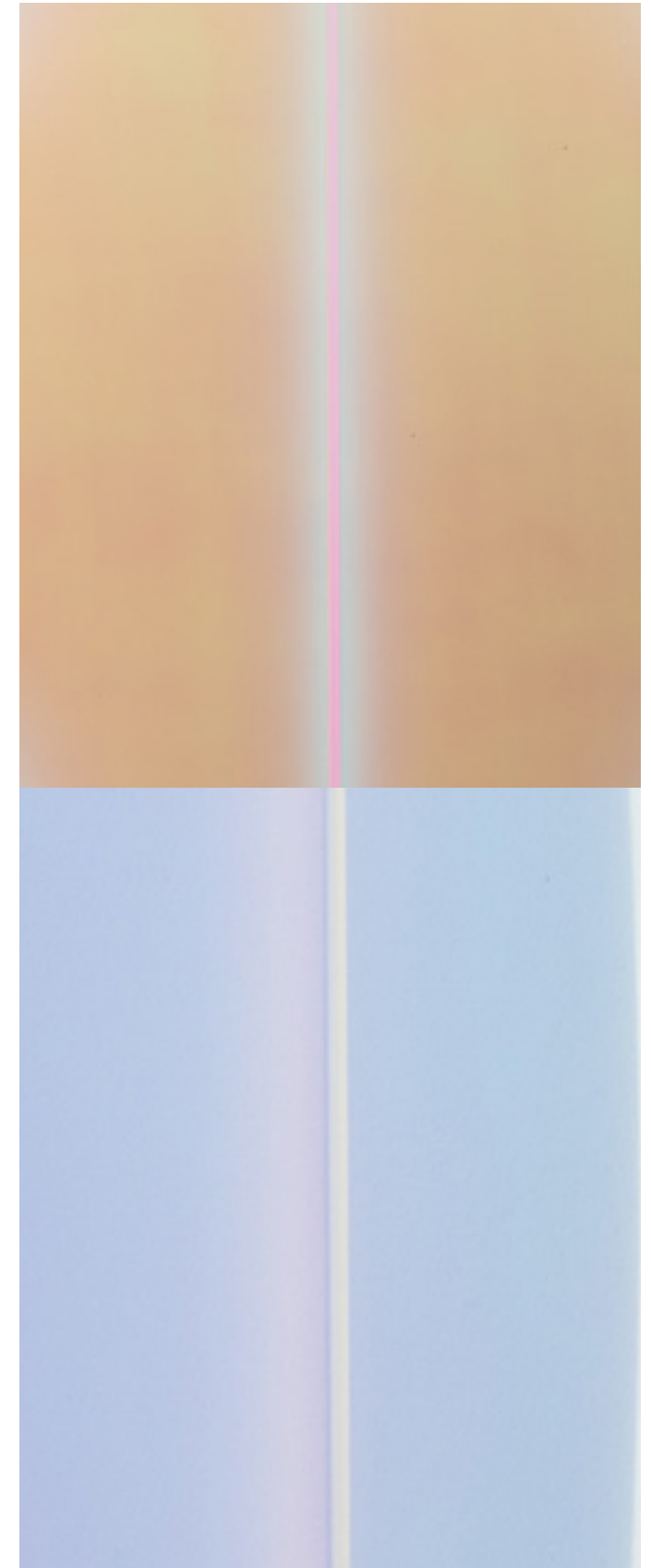
Colours may vary slightly depending on the environmental light.

Materials: plexiglass, wood, aluminium, LEDs

Input range: 170 – 250V AC

Size: 430 / 700 / 60 mm

» AURORA MATT (top), AURORA GLOSS (bottom)

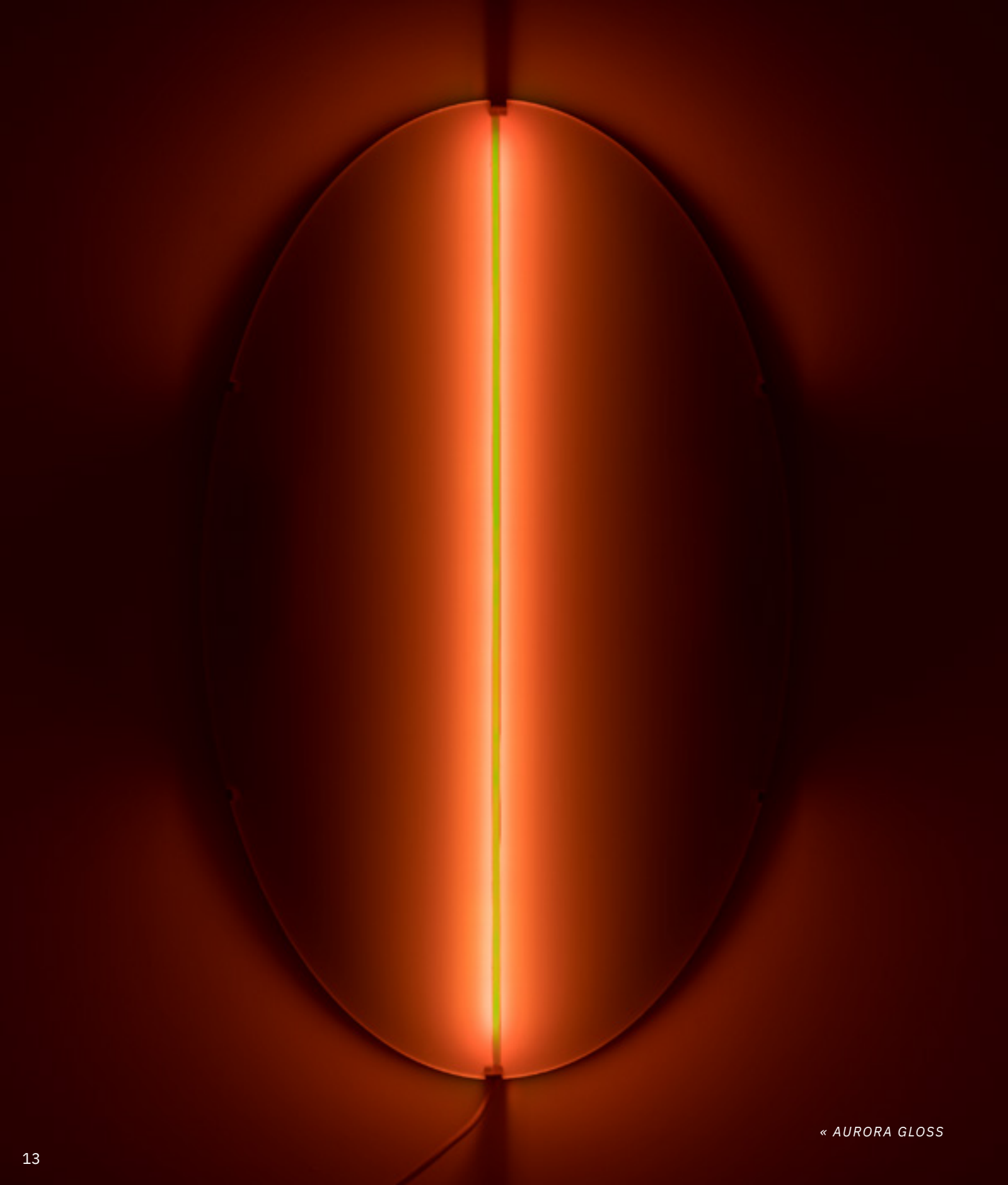




« AURORA GLOSS



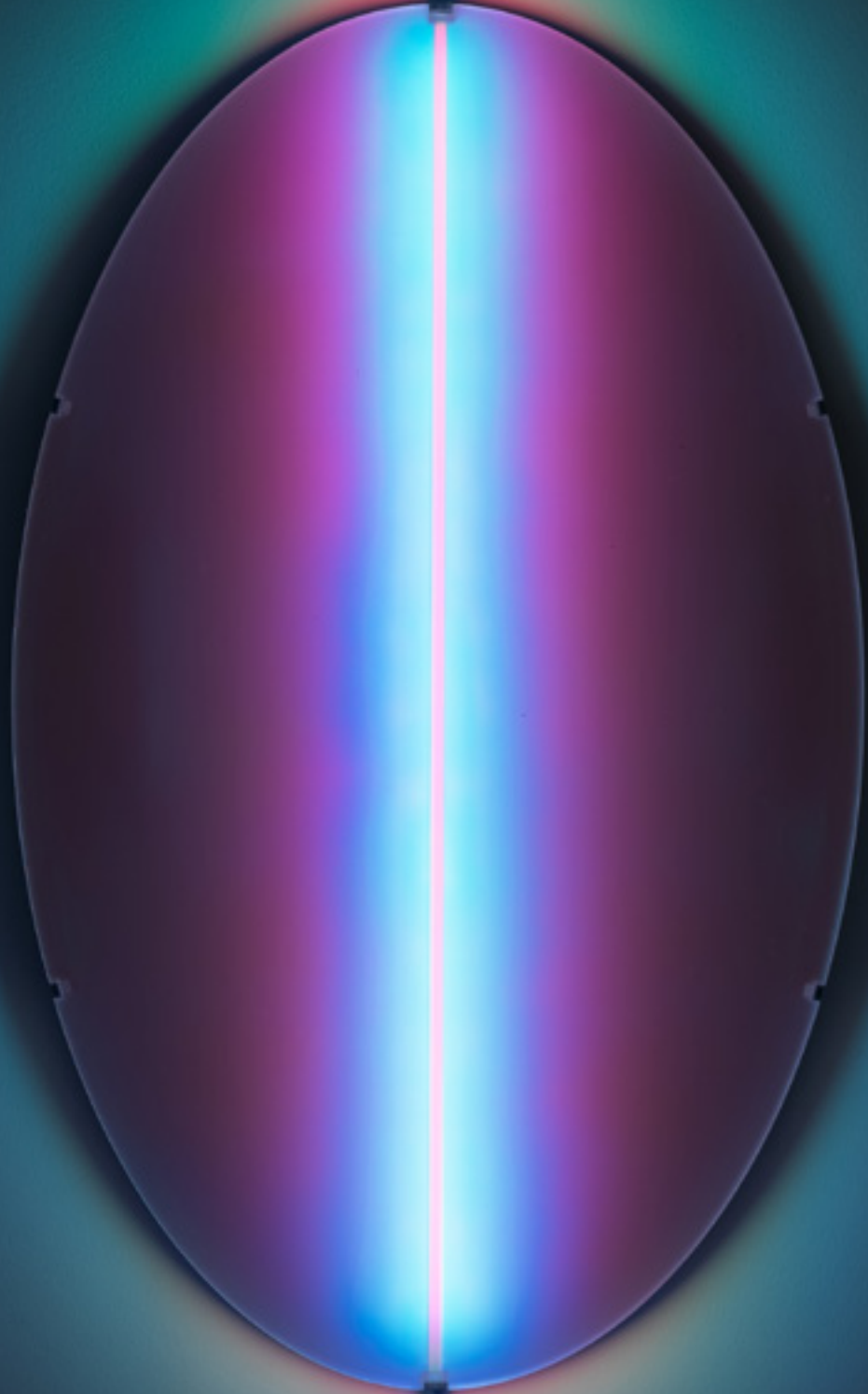
» AURORA GLOSS



« AURORA GLOSS



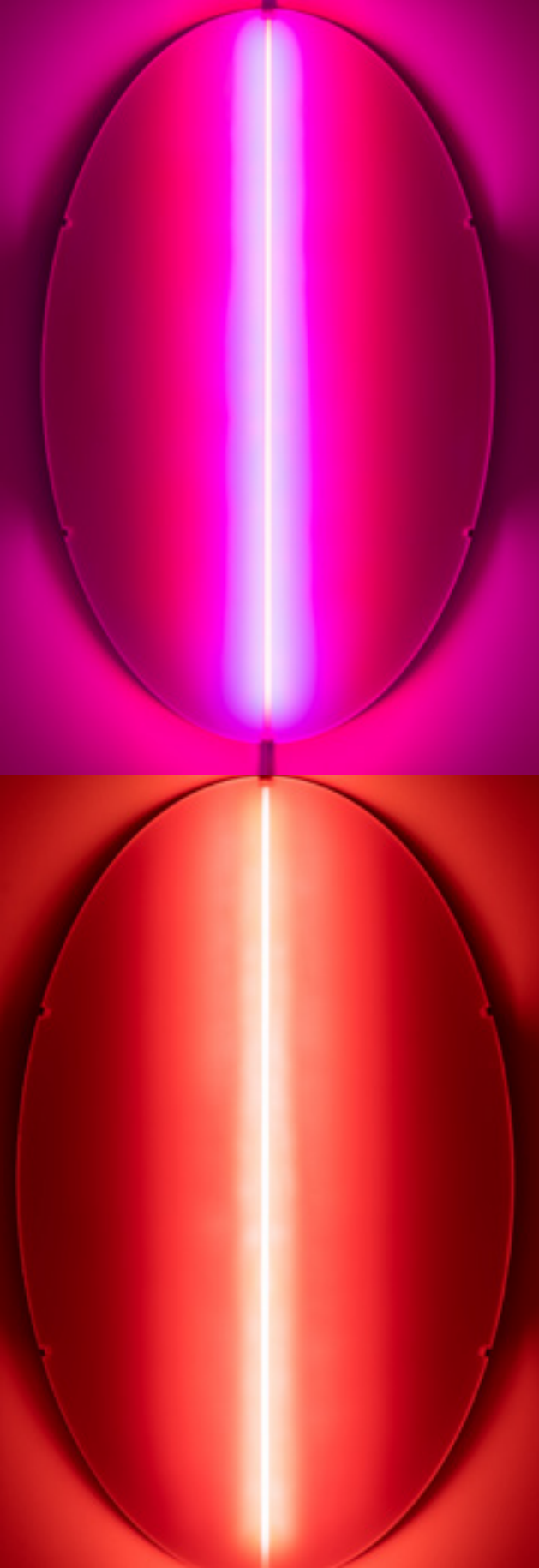
» AURORA GLOSS



« AURORA MATT



» AURORA MATT





« AURORA MATT



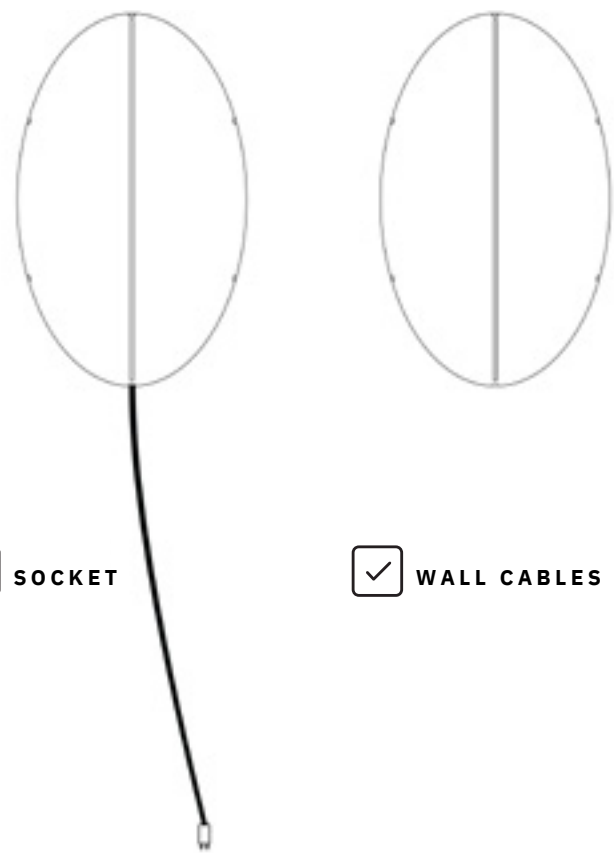
» AURORA MATT

TECHNICAL DRAWING



FIXTURE

The lamp can be directly mounted on the wall, so there are no visible cables, or it can be powered via a wall socket.



[>> VIDEO LINK](#)



« EVENT HORIZON

EVENT HORIZON

The luminaire aims to bring moments of wonder, similar to what we feel when gazing at the night sky. The lamp takes us into a journey further away, into the unknown cosmos.

Event horizon, part of Onnda collection, is inspired by the cosmic term 'event horizon': the boundary defining the region of space around a black hole from which nothing (not even light) can escape. We found this notion fascinating and decided to create a lamp that brings the cosmos closer and pays homage to the Great Unknown.

Since the light source only emits white light, all the colorful shades are a result of optical phenomena such as birefringence, refraction, and reflection, the result of our Studio's commitment to material innovation. The lamp is dimmable (10%-100%) and has three interchangeable light temperatures (3200 K-5500 K) which can be controlled via an integrated cable switch.

Colors may vary slightly due to environmental light.

Materials: plexiglass, wood, aluminium, LEDs

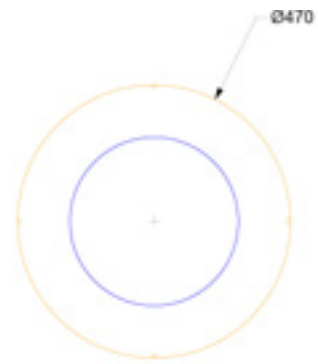
Input range: 100V-240 V / max 95V-265 V / 50/60 Hz

Size: 470 mm diameter/ 50 mm



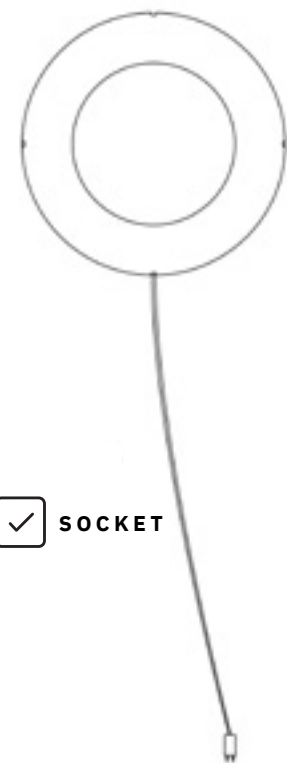
» EVENT HORIZON

TECHNICAL DRAWING

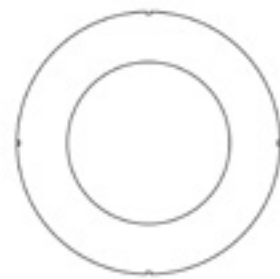


FIXTURE

The lamp can only be powered via a socket, not connected to cables coming straight from the wall.



☒ SOCKET



☐ WALL CABLES



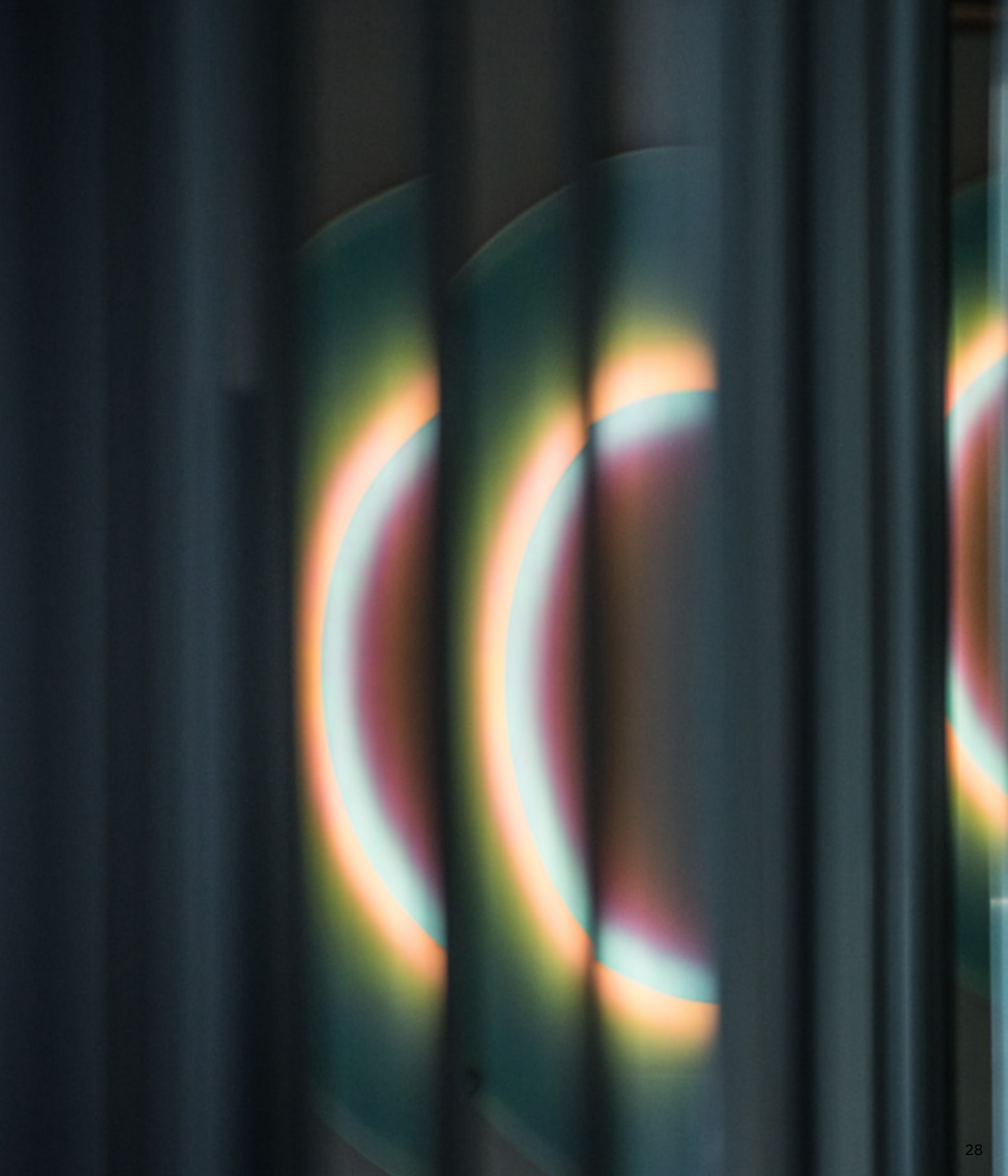


[>>VIDEO LINK](#)





« EVENT HORIZON





« TOTEM

TOTEM

The minimalist statement luminaires shape resembles a totem, whilst the light, diffused yet bold creates a state of tranquility.

Since the light source only emits white light, all the colorful shades are a result of optical phenomena such as birefringence, refraction, and reflection, the result of our Studio's commitment to material innovation.

The lamp is dimmable and can be controlled via a user-friendly app or a remote control and is compatible with Google Assistant, Siri, Alexa, etc.

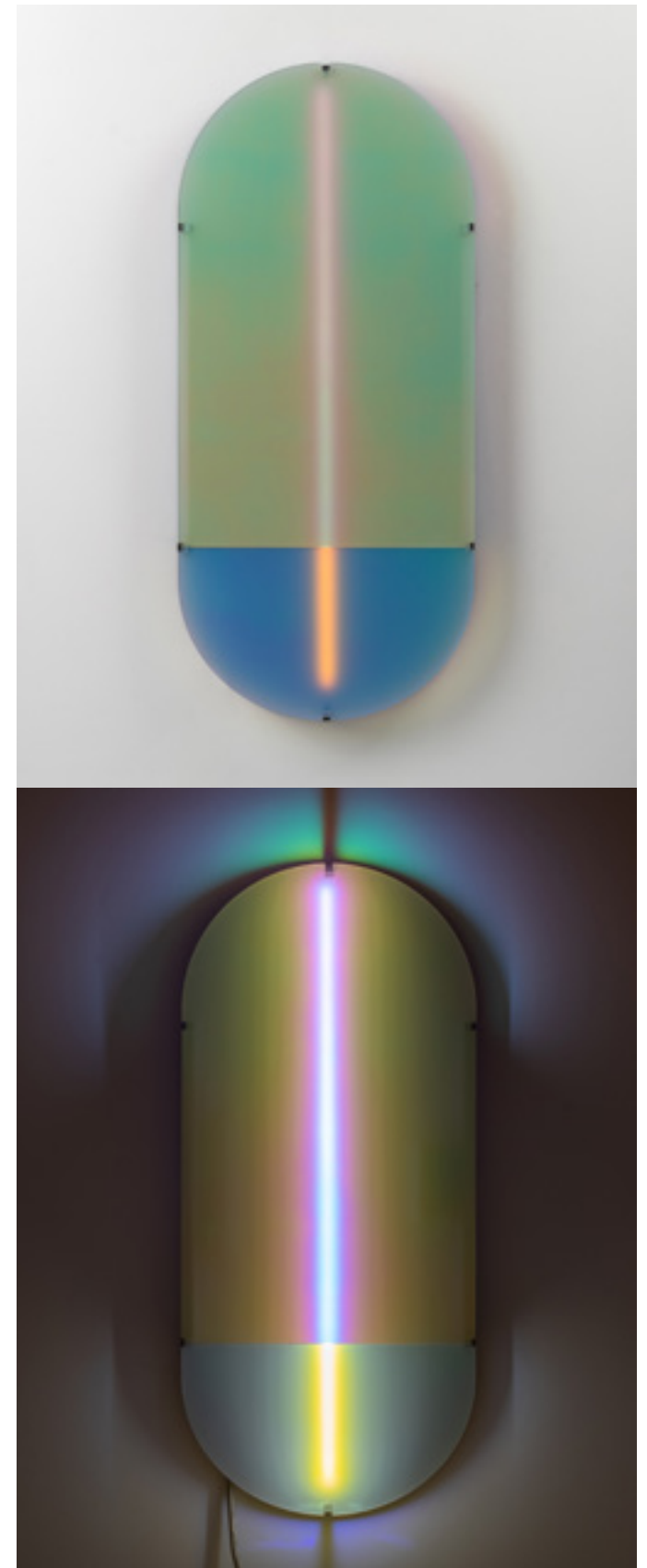
The luminaire has predefined light-changing programs and effects, but also a function that enables you to design your own light program to suit your mood.

Colors may vary slightly due to environmental light.

Materials: plexiglass, wood, aluminium, LEDs

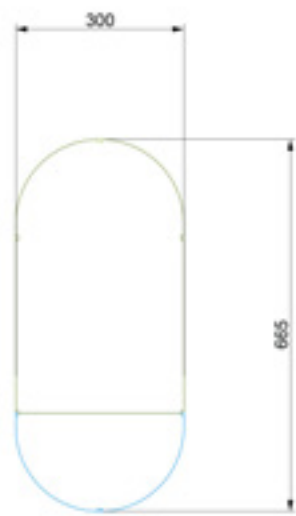
Input range: 100V-240 V / max 95V-265 V / 50/60 Hz

Size: 665/300/60 mm



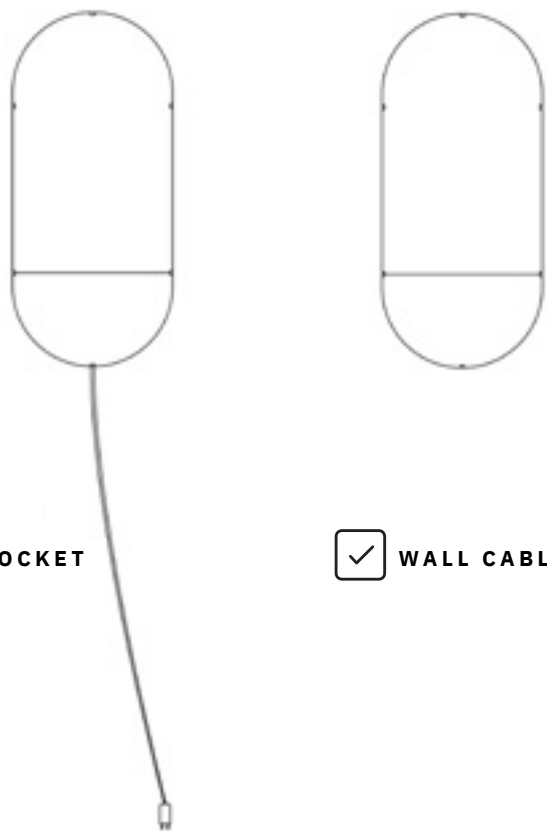
» TOTEM

TECHNICAL DRAWING

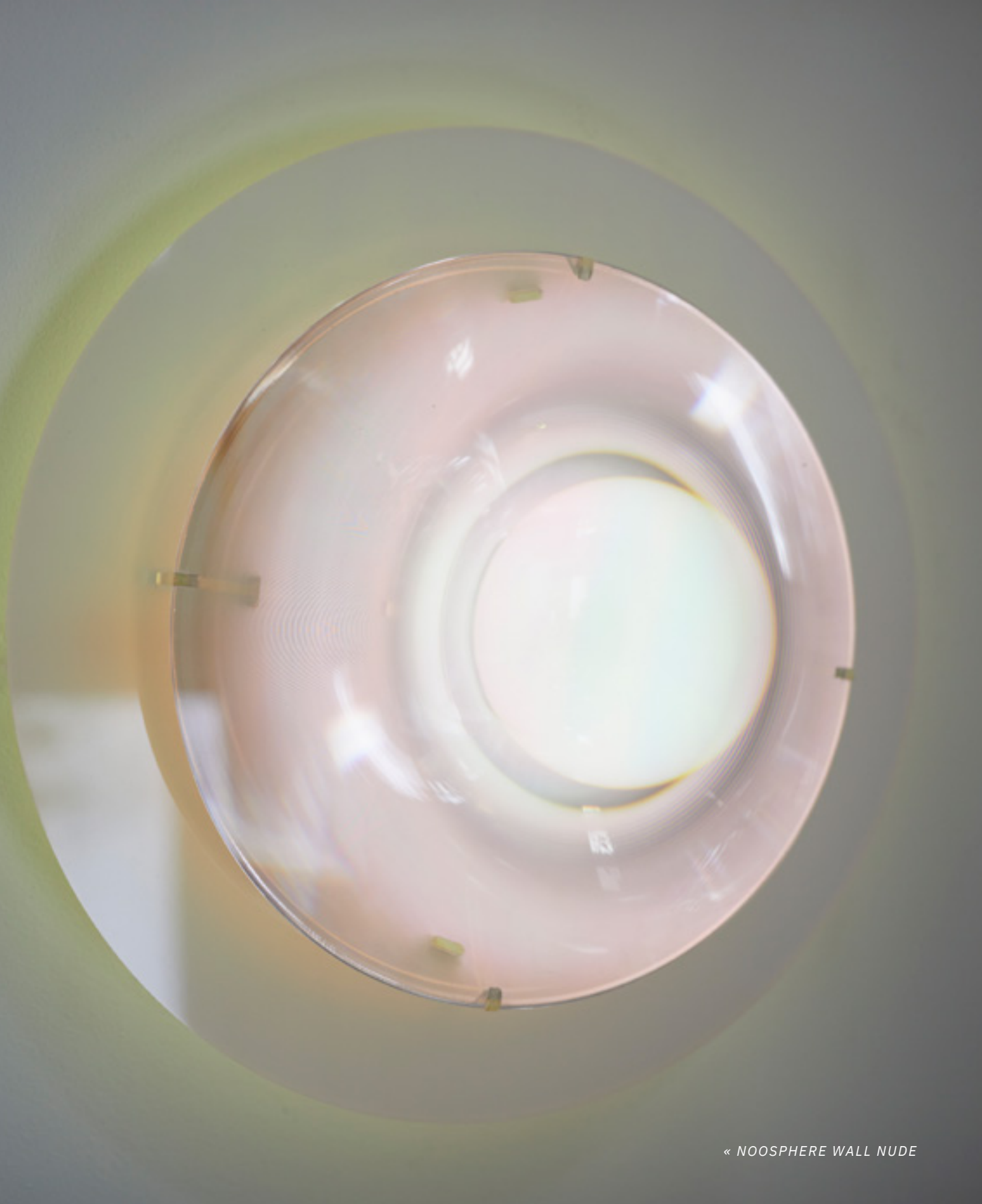


FIXTURE

The lamp can be directly mounted on the wall, so there are no visible cables, or it can be powered via a wall socket.



[>>VIDEO LINK](#)



« NOOSPHERE WALL NUDE

NOOSPHERE / WALL LAMP

Noosphere is a luminaire that plays with our perception. The term “noosphere”, referring to “the sphere of human consciousness and mental activity” hints at the illusion created by design. The lamp brings to life a sphere shape using holographic technology.

The lamp’s central element changes shape as the viewer moves around the piece. The light is seen reflected in a dazzling, yet subtle array of curved shapes. The luminaire also casts a radiant glow on the wall. Due to its translucent nature depending on the wall color the light colors and material’s color may vary.

Due to the lamp’s translucent nature, colours will vary depending on the wall color and ambient light.

Noosphere comes in two finishing options

Noosphere Wall Nude: The central part emits blush pink shades, whilst the rear disk has a subtle blue hue.

Noosphere Wall Yellow: The central part emits warm yellow hues, whilst the rear disk has a subtle pink hue.

Material: aluminum, plexiglass, LEDs

Input range: 220V- 230 V AC

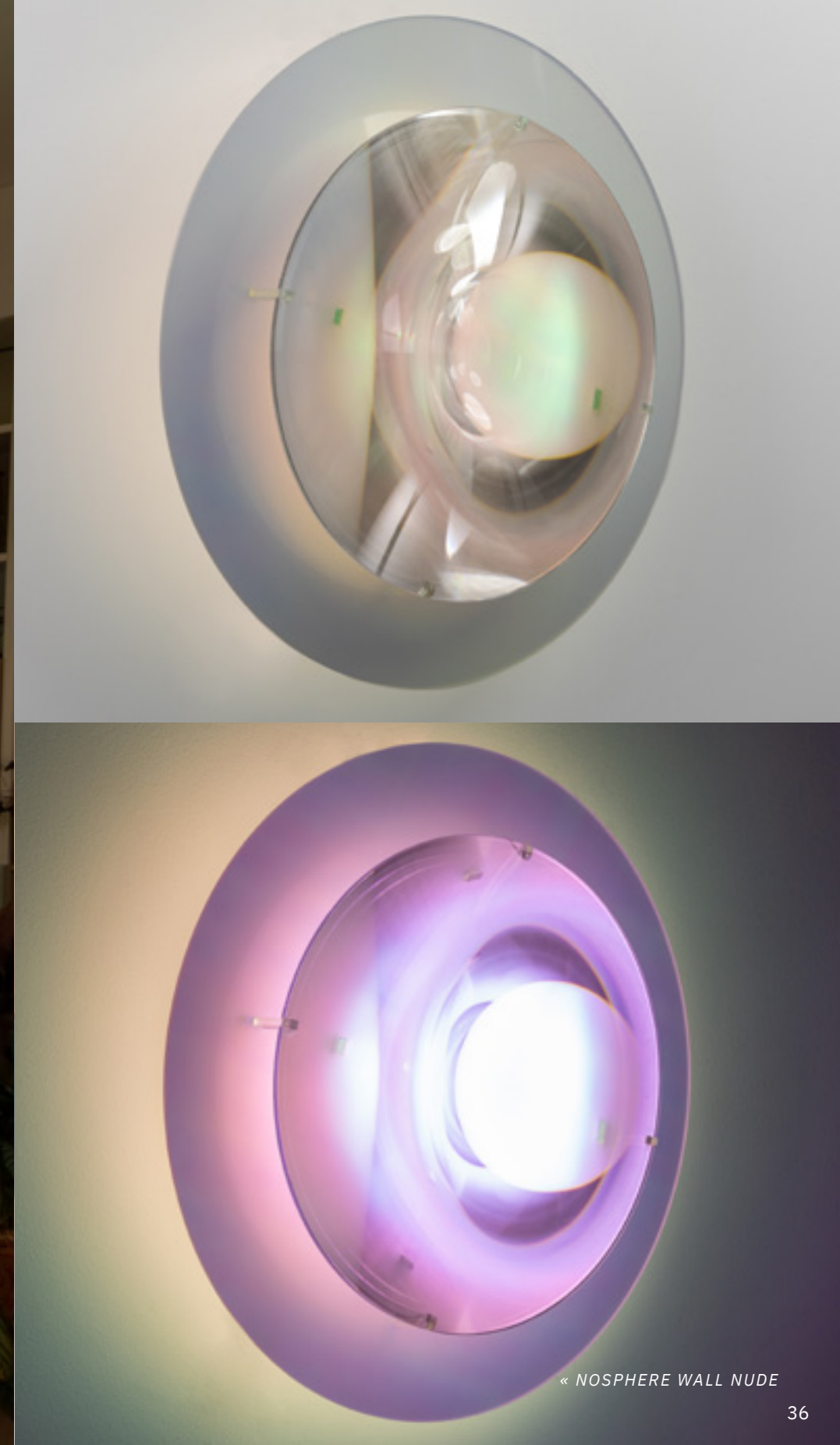
Light range options: 1. non-dimmable // 2. wall switch dimmable: dimmable with a triac wall switch // 3. smart RGB dimmable : dimmable, three white light tones: natural, warm, cold, RGB, controlled via app or remote

Light source power: 1. non-dimmable 18 W (1620 lm) . smart RGB: 21 W (2700 lm)/

Size: 410 diameter / 92 mm



» NOOSPHERE WALL NUDE (top),
» NOOSPHERE WALL YELLOW (bottom)



« NOSPHERE WALL NUDE





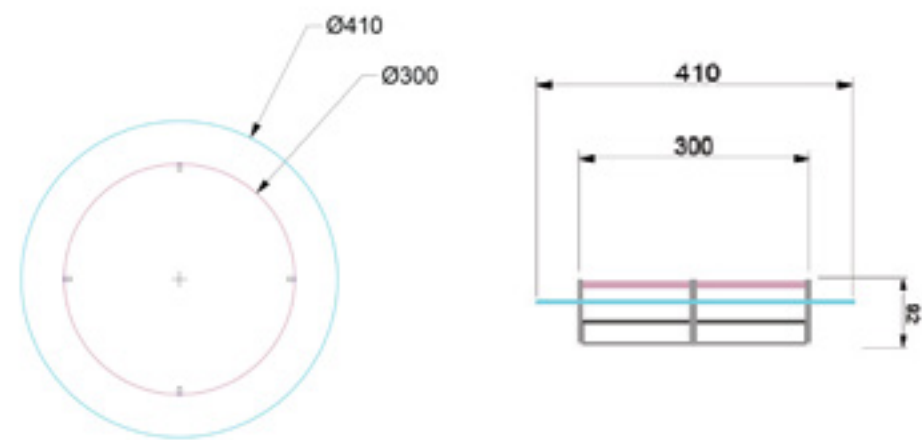
« NOOSPHERE WALL YELLOW



» NOSPHERE WALL YELLOW

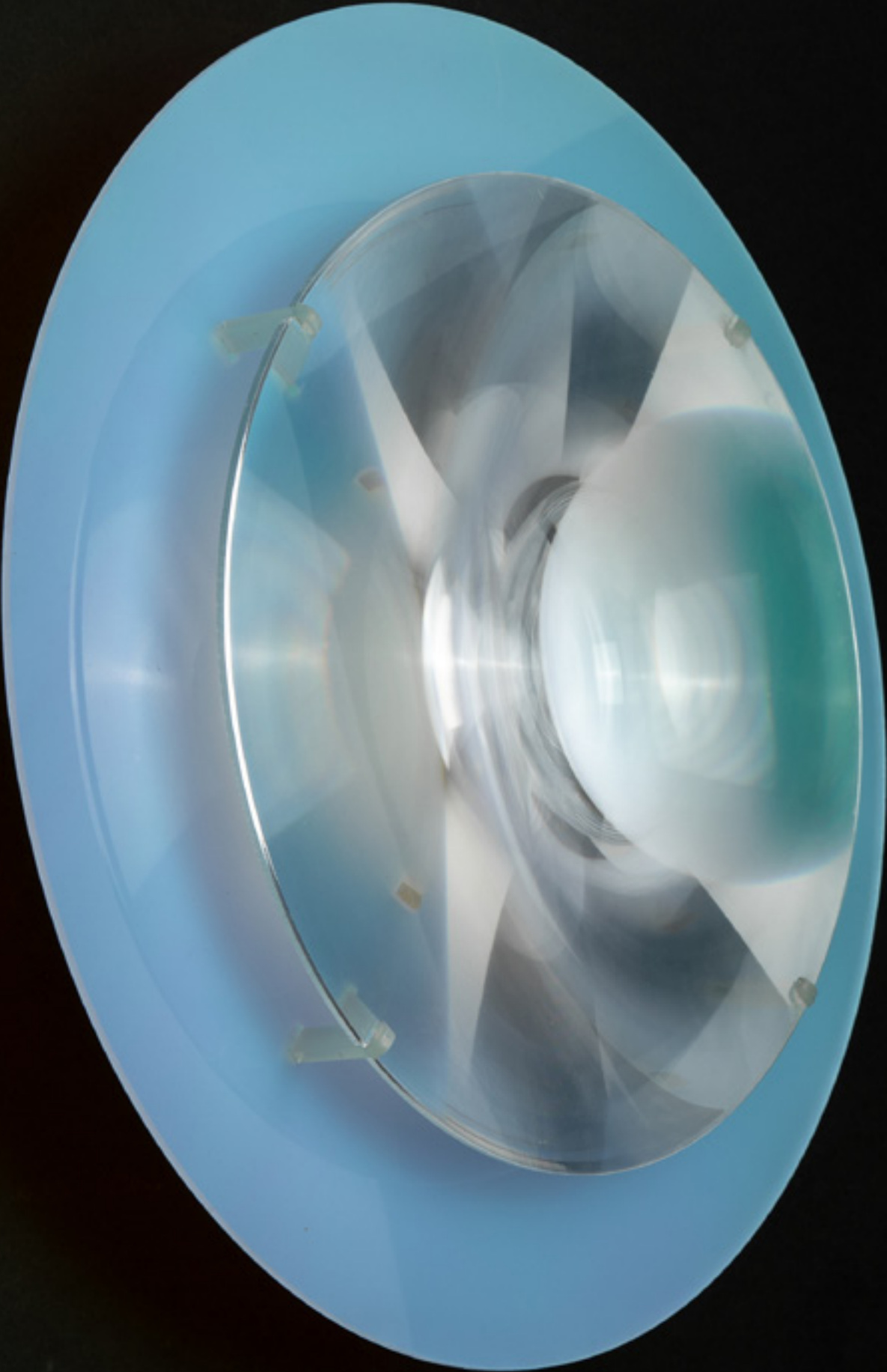
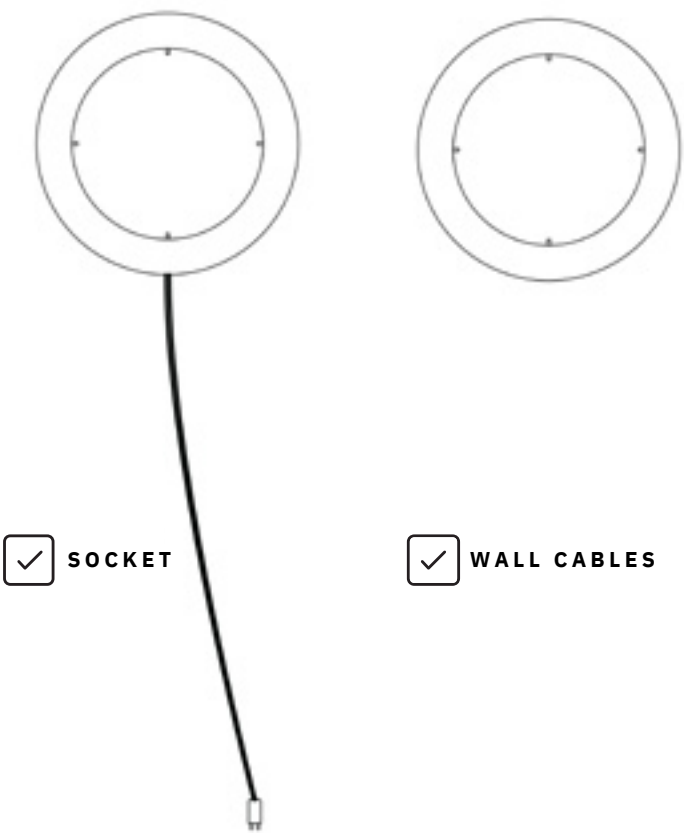
[>> VIDEO LINK](#)

TECHNICAL DRAWING



FIXTURE

The lamp can only be powered via wall cables, not via a wal socket.





« NOOSPHERE TABLE

NOOSPHERE / TABLE LAMP

Noosphere is a luminaire that plays with our perception. The term “noosphere”, referring to “ the sphere of human consciousness and mental activity “ hints at the illusion created by design. The lamp brings to life a sphere shape using holographic technology.

The lamp’s central element changes shape as the viewer moves around the piece. The light is seen reflected in a dazzling, yet subtle array of curved shapes.

Noosphere displays dynamic patterns of brilliant light, an ever-changing dazzling light, and color spectacle. The intensity and shades are changed using the RGB fixture, however, the unique light effects are obtained using a special Plexiglas coating. Through our Smart and user-friendly app, you can become the designer of your light show: The lamp can be controlled by remote control or by an app, as well Alexa Google home assistant, and Siri. The luminaire has a complete RGB spectrum, and predefined color-changing programs, thus enabling you to design your color and intensity program to suit your mood.

The smart option allows you to sync the color with weather changes.

The Smart App is very versatile and can adapt to different needs and atmospheres, from party light, by syncing the color effects with your favorite music to a Subtle and soothing night lamp or an accent lighting fixture.

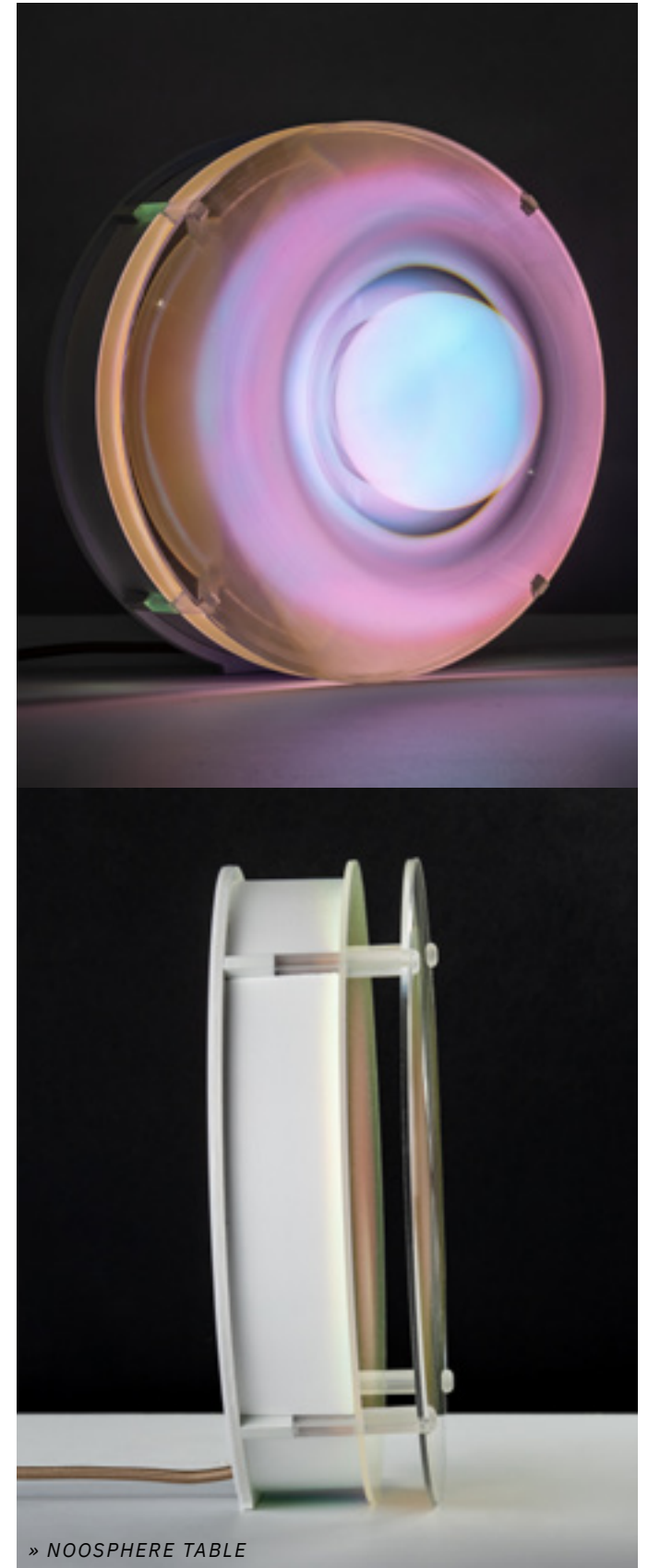
Colors may vary slightly due to environmental light.

Materials: aluminum, plexiglass, LED’s, wood

Input range: 220 V

Size: 300 mm diameter/ 90 mm

-prototype stage-



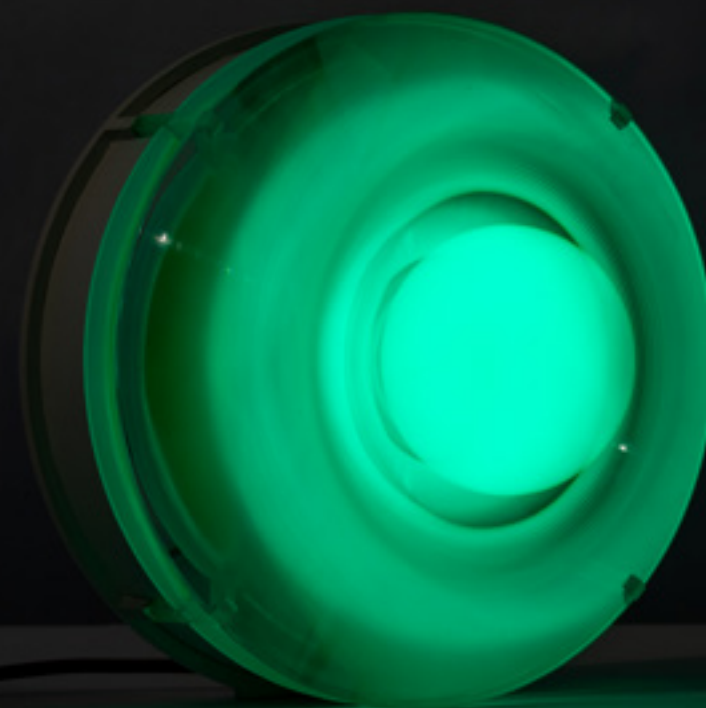
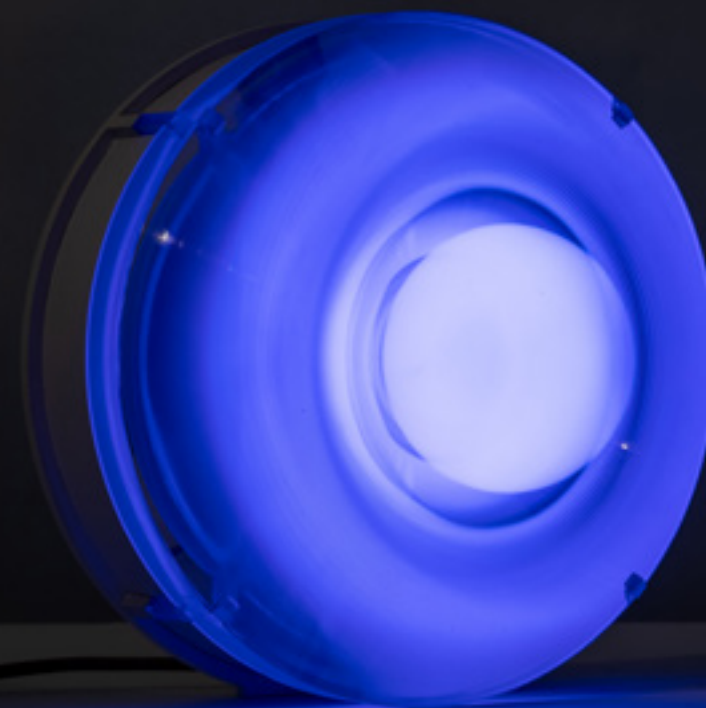
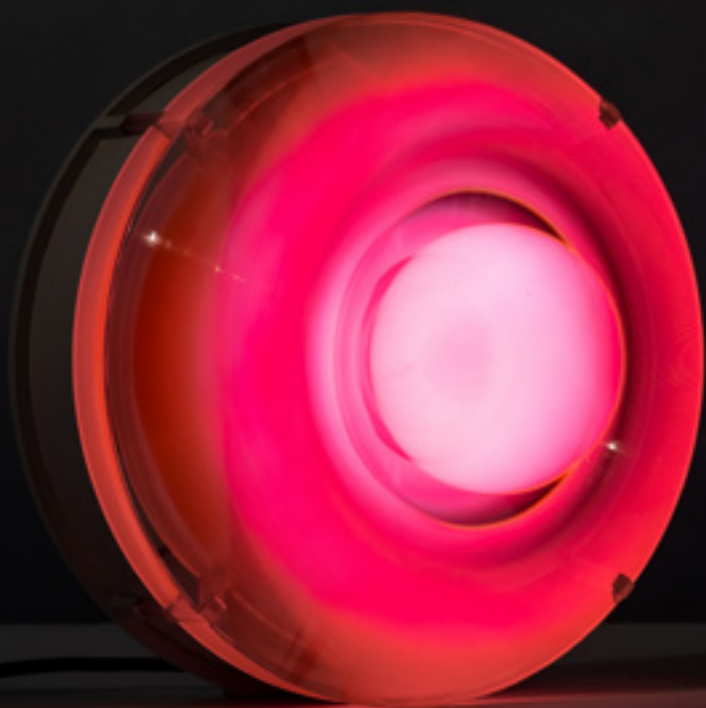
» NOOSPHERE TABLE

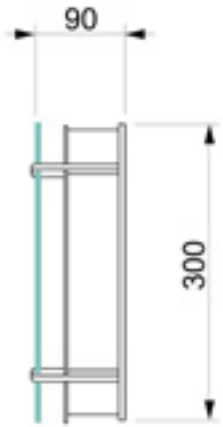
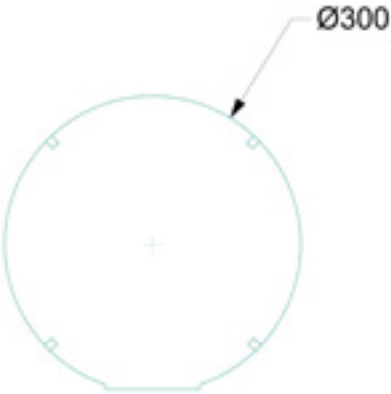


« NOOSPHERE TABLE



[>>VIDEO LINK](#)









ONNDA FLAME

/glowing, infinite, reflection, colorful, dreamy /

Onnda Flame is a collection of candle holders with infinitely mirrored flames trailing off into the colorful abyss. Paying homage to the primordial element, Onnda Flame places fire at the heart of otherworldly objects. The candle holders have a concentric shape, thus casting colorful shadows in the ambient space. Depending on the time of day, light source, angle of the viewer, the shades, shadows, and reflection created differ.

For cylindrical candles, Onnda flame comes in three circular sizes, whilst for stick candles, the shape is inspired by the filiform shape of a candle's flame. We have also designed a kit, which enables you to get creative, mix and match the disks, and design your own candle holder.

The object's bases are hand cast in Jesmonite, each piece thus being unique. Jesmonite is a water-based, eco-friendly mineral resin that mimics stone.

The candleholder can be placed on a table or with the help of our ingenious hanging systems, on the wall, thus receiving the place they deserve in your home.

[>> VIDEO LINK](#)

« ONNDA FLAME





ONNDA CONCENTRIC - SMALL

Concentric small is a suitable voyage companion for special moments such as a picnic or an evening in the outdoors. The holder is composed of a special plexiglass, dichroic plexiglass. The material creates fascinating light effects and through its composition depending on the angle from which it is viewed, it changes color and creates a whole spectrum of lights, shadows, and

Available shades: BLAZE (cyan, blue, magenta)

Kit includes: 1 candleholder, 1 tealight candle, 1 microfiber cloth.

Material: glass, glass mirror, jesmonite

Size: 150/150/124 mm

[>> VIDEO LINK](#)



« ONNDA C-S »





ONNDA CONCENTRIC - MEDIUM

The candle holder displays a mesmerizing spectacle of everchanging colorful shadows creating an intimate and warm atmosphere. The colorful disks and mirrors create a halo of concentric light and hues cast in the ambient space.

The piece displays an array of infinitely mirrored flames in gradient colors.

This version is suitable for wall mounting using our ingenious mounting system. The wall mounting system enables you to display it like a piece of art.

The material creates fascinating light effects and through its composition depending on the angle from which it is viewed, it changes color and creates a whole spectrum of lights, shadows, and reflections.

The object's base is hand cast in Jesmonite, each piece thus being unique. Jesmonite is a water-based, eco-friendly mineral resin that mimics stone.

Available shades: BLAZE (cyan, blue, magenta)

DEEP-SEA (petrol blue, blush pink)

PINK(pink, green)

Kit includes: 1 candleholder, 1 tealight candle, 1 microfiber cloth.

Material: dichroic glass, glass mirror , jesmonite

Size: 250/250/124 mm

[>> VIDEO LINK](#)



« ONNDA C-M DEEP-SEA



» ONNDA C-M BLAZE



« ONNDA C-M BLAZE

» ONNDA C-M BLAZE



ONNDA CONCENTRIC - LARGE

The candle holder displays a fascinating light tunnel effect with endless reflection. The statement object can be used as a mirror during the day, which metamorphoses into a unique atmospheric candle holder at night. The material creates fascinating light effects and through its composition depending on the angle from which it is viewed, it changes color and creates a whole spectrum of lights, shadows, and reflections.

The object's base is hand cast in Jesmonite, each piece thus being unique. Jesmonite is a water-based, eco-friendly mineral resin that mimics stone.

This version is suitable for wall mounting, using our ingenious mounting system. The wall mounting system enables you to display it like a piece of art. This version is ideal for larger candles.

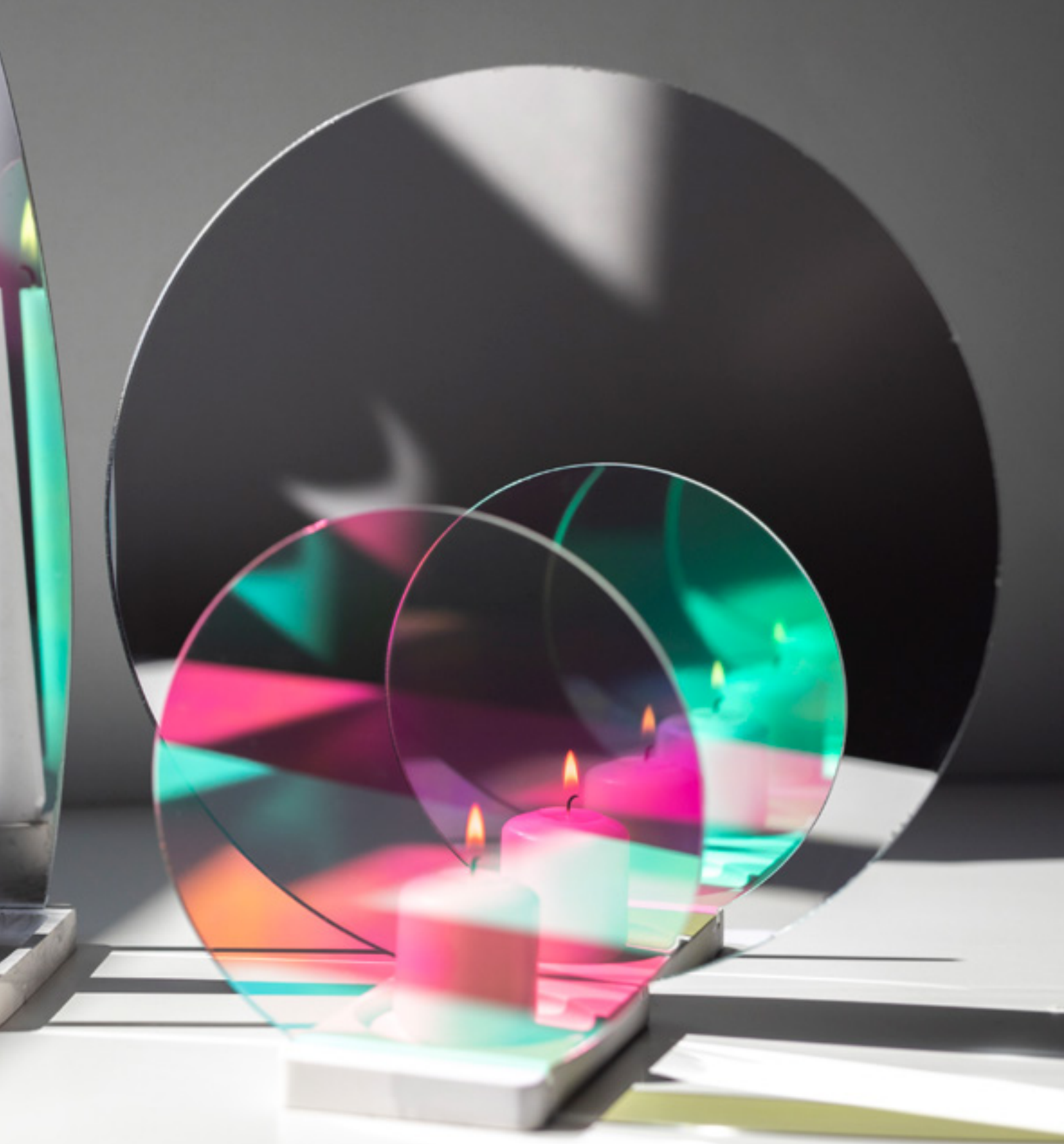
Available shades: PINK (pink, green)

Kit includes: 1 candleholder, 1 tealight candle, 1 microfiber cloth.

Material: glass, glass mirror , jesmonite

Size: 270/270/124 mm

[>> VIDEO LINK](#)



« ONNDA C-L





ONNDA FILIFORM

The pieces display a mesmerizing spectacle of everchanging colorful shadows.

Its form is inspired by the candle flame shape, asymmetrical, everchanging, yet so alive.

The candle holder is designed for 20 mm diameter stick candles.

This version is suitable for wall mounting, using our ingenious mounting system. The wall mounting system enables you to display it like a piece of art.

Available shades: BLAZE (cyan, blue, magenta)

DEEP-SEA (petrol blue, blush pink)

PINK-HUE (pink, green)

Kit includes: 1 candleholder, 1 tealight candle, 1 microfiber cloth.

Material: dichroic plexiglass, premium mirror acrylic, jesmonite

Size: 340/71/124 mm

[>> VIDEO LINK](#)











ABOUT THE DESIGNER

CATRINEL'S WORK LIES AT THE INTERSECTION BETWEEN PRODUCT DESIGN, INSTALLATION, AND SCULPTURE.

Beyond objects, I design experiences that challenge perception and showcase the invisible forces surrounding us. This brings reality into a new light, transforming an ordinary experience into something extraordinary.

I believe that these types of interactions are very valuable, especially in the fast-paced world we are living in. They offer moments of contemplation and space to pause our hectic lives, thereby fulfilling our need for beauty and awe.

Her multidisciplinary practice is driven by her experimental approach to material exploration and finds its conceptual roots in science and philosophy. Motivated by her interests in perception, time perception, entropy, light and nature are recurring themes embedded in Catrinel's pieces.

In her process, she uses a mix of advanced industrial manufacturing techniques such as laser cutting and manual ones such as casting. The objects are often built upon a scaffolding of technical components whilst mimicking an organic/natural inspired phenomena.

After graduating from Edinburgh College of art / product design in 2017, Catrinel has been exhibiting her work at Milano Design Week, Dutch Design Week, IMM Koln, etc, whilst also being featured in Dezeen, Designwanted, Altiba 9 etc.

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