Artemide and Elemental started their collaboration in May 2016 with a first encounter at the Gardens of the Venice Biennale, followed by a workshop in Milan and the opening of a technical and creative dialogue. The workshop was primarily aimed at exploring the range of possible design-based responses, including the design of an object, the development of a system or the implementation of a technology.

La collaborazione tra Artemide ed Elemental è nata da un primo incontro ai Giardini de La Biennale di Venezia nel Maggio 2016, seguito da un workshop a Milano e dall’apertura di un dialogo tecnico e creativo. L’obiettivo principale del workshop è stato esplorare lo spettro delle possibili risposte di progetto, dal design di un oggetto, allo sviluppo di un sistema o all’applicazione di una tecnologia.

1 (Workshop Elemental)
Alejandro Aravena
Gonzalo Arteaga
Juan Cerda
Víctor Oddó
Diego Torres
The perspectives and the ethical and social investigation contents on which the Elemental projects invite to meditate match with the values and the spirit of the work of Artemide. In some ways we both try to improve our environment through design.

Carlotta de Bevilacqua

After all we, as architects and designers, shape the places where people live. This shape is defined by forces that sometimes move in opposite directions and can be of a very different nature – social, economic, political, environmental, cultural, etc. The challenges our society is facing are growing exponentially in complexity day by day.

Alejandro Aravena

"The role of design consists in organizing and channelling these forces in the same direction, while enhancing positive aspects through a knowledge-based and synthetic approach."

The working method of Elemental takes an unprecedented, unbiased approach to design, particularly of lighting product, and offers an opportunity to interpret real life from a new perspective. Artemide shared ideas, technical knowledge, and its lighting skills. Together we tried to find practical solutions, a strategic synthesis to lead the process towards design.

Today we are introducing "O", an immaterial outdoor light, and Huara, a dark touch-enabled electronic sphere.

Alejandro Aravena
“O” is an attempt to reconcile the needs of the natural and the urban environment. Darkness and disappearance will be the contribution of “O” to nature and public spaces.

Alejandro Aravena
All'inizio, l'uomo aveva a disposizione solo la luce delle stelle: il sole e il suo riflesso sulla luna. Per millenni l'umanità ha accettato la sua incapacità di vedere al buio e si è adattato di conseguenza al ritmo naturale delle sfere celesti, dell'alba e del tramonto. L'apparizione dell'uso controllato del fuoco ha segnato l'inizio della ricerca di come trasformare a piacimento la notte in giorno. Il più recente passo nella produzione della luce è avvenuto con lo sviluppo di diodi emettitori di luce (LED). Per la prima volta, la luce si è staccata dal regno elettrico al campo dell'elettronica. Per qualche ragione un passaggio così rivoluzionario non è però permeato la società; le persone cercano sorgenti e lampade nella sezione elettrodomestici, non nella sezione elettronica. Da un lato vogliamo che la luce vari la sua intensità e direzione in base a delle fasi, più che spostando pezzi di un meccanismo. D'altra parte, vogliamo riconoscere il fatto che il futuro della luce è elettronico, non elettrico. Il potenziale distintivo dell'elettronica è la sua capacità di trasportare informazioni che consentono molteplici modalità di interazione, come uno schermo tattile. Il nostro progetto è una sfera scura a bassa tensione, mobile, attivata intuitivamente dal tocco. Huara è la parola aymarà per stella. Aymarà è la popolazione nativa del deserto di Atacama, la zona più arida e oscura del mondo, il luogo in cui si possono vedere più stelle.

At first, light came available to humans only from stars: the sun and its reflection on the moon. For millennia mankind accepted its incapacity to see in the dark and adapted consequently to the natural rhythm of the celestial spheres, of dawn and dusk. The appearance of the controlled use of fire marked the beginning of the search for how to transform night into day. The last step in the production of light came with the development of Light Emitting Diodes (LED). For the first time, light shifted from the electrical realm to the field of electronics. For some reasons such revolutionary step has not permeated our society; people look for lights and lamps in the white goods section, not in the electronics one. On one hand we want light to vary its intensity and direction according to phases more than moving pieces of a mechanism. On the other hand, we want to acknowledge the fact that the future of light is electronic, not electric. The distinctive potential of electronics is its capacity to carry information that allow multiple ways of interaction, such as a tactile screen. Our project is a low voltage, movable, dark sphere intuitively activated by touch. Huara is the aymarà word for star. Aymarà is the native population of the Atacama desert, the driest and darkest area in the world, the place in the planet from where you can see more stars.
Our project for Artemide is about integrating the first and the last moment in the history of light: celestial spheres with electronics.

Alejandro Aravena
Alphabet of light system is a lighting language that continues to grow with new curved elements so it can be developed with increasing freedom throughout space.

It is a basic principle that generates an open system implementing just a handful of basic modules. Thanks to specific geometric proportions, these modules can be combined together to form endless lighting structures, from the most elemental to the most complex, both linear and curved. The BIG idea is combined with Artemide’s optoelectronic expertise to give rise to an innovative construction principle that casts continuous and comfortable light.

It is a minimal presence that conceals ultra-sophisticated optoelectronic and patented mechanical innovation as well as ground-breaking control. The system can be controlled using the Artemide App to create freedom both in geometric design and in the definition of dynamic performance levels, which can be programmed or modified in real time.
Alphabet of light system

BIG

Conference

Alphabet of light system configurator is a useful tool to make your spatial configuration planning easier. Import the plan of your space, then simply design your desired system by rebuilding it with an intuitive drag and drop function using the various modules available. Once completed, the design is sent to Artemide Custom Product Service, who will prepare a quote, complete with all the necessary accessories.
Soft alphabet was devised to supplement Alphabet of light, introducing even greater freedom for defining curved lines in space. Five elements starting from a single basic length are developed to recreate the softness of a curved line to different extents. Used either as stand-alone luminaires, combined together or with Alphabet of light system, they are perfect for creating dynamic compositions in space, each time with superior comfortable light quality.

Soft alphabet nasce per affiancarsi ad Alphabet of light introducendo un’ancora maggiore libertà di definire linee curve nello spazio. A partire da un’unica lunghezza di base cinque elementi ricreano uno sviluppo più o meno morbido della linea curva. Singoli, combinati tra loro o abbinati ad Alphabet of light system sono perfetti per creare composizioni dinamiche nello spazio, sempre con un’altesima qualità di luce confortevole.
Flexible strip LED
Extruded silicon diffuser
Curved aluminum heat sink
Ceiling mounted component
In Gople lamp la forma elementare esalta la bellezza del vetro lavorato a mano secondo un’antica tecnica veneziana che sfuma da vetro bianco a vetro cristallo unendoli durante la soffiatura e rendendo così unico ogni pezzo. A questo si affiancano anche più innovative finiture con metallizzazione sottovuoto silver o rame. In entrambi i casi la finitura del vetro è studiata per rappresentare al meglio con la luce emessa, schermendo la sorgente e massimizzando l’emissione diretta grazie alla trasparenza.

La più semplice versione con tradizionale attacco E27 è progettata per offrire diversi livelli di performance rispetto alla più innovativa RWB che possono essere combinati tra loro nella creazione di scenari di luce per seguire le necessità degli spazi. È una soluzione senza tempo per la flessibilità nell’adattarsi all’evolversi delle tecnologie delle sorgenti standard.

The basic form of the Gople lamp enhances the beauty of glass, hand-processed according to an ancient Venetian technique that gradually turns white glass into crystal glass by combining both upon blowing, thus making each piece unique. More innovative finishes are added, including silver or copper vacuum metallization.

In both cases, glass finishing is designed to ensure the best relation with the emitted light, screening the source and maximizing direct emission through transparency. The most basic version with the traditional E27 joint is designed to provide different performance levels compared to the more innovative RWB version, where colours can be combined with each other to create lightscapes that meet space requirements. It is a timeless solution for its flexibility in adjusting to the development of standard source technologies.

Gople lamp
BIG

Ø 210 x 420 mm
cable max 2000 mm
21 W LED (E27)
Gople Lamp riconcilia attraverso la luce gli spazi dell’uomo e la natura. All’interno di un vetro soffiato a mano secondo un’antica tecnica tradizionale veneziana è racchiusa una tecnologia brevettata di luce RWB che aiuta la crescita delle piante e può creare un ambiente ottimale per l’uomo dal punto di vista emotivo, fisico e percettivo. È una nuova testimonianza del percorso di ricerca Artemide sulle qualità della luce e del suo colore. Il sistema RWB (red-white-blue), brevettato nel 2011, è un cambio di paradigma, un diverso modo di interpretare la luce colorata, per una luce attenta al benessere dell’uomo ma anche all’ambiente. Gople Lamp calibra le sue emissioni sui valori di PPFD (Photosynthetic Photon Flux Density), necessario alla pianta in due fasi in cui l’apporto della corretta luce è essenziale: la fase vegetativa viene accompagnata da una radiazione di colore blu, con lunghezza d’onda di 425 – 450 nm, la fase di fioritura da una radiazione rossa, tra i 575 – 625 nm. Unisce all’emissione diretta e controllata RWB una luce bianca indiretta diffusa controllabile separatamente.

**The Right Wavelength**

**Gople lamp RWB**

Gople Lamp reconciles human spaces and nature through light. A mouth-blown glass produced according to an ancient traditional venetian technique encloses a patented RWB light technology that helps plants grow, creates scenic or ambiance effects, and provides functional white lighting. The RWB system, patented in 2011, is a new paradigm, a different way to approach coloured light – no longer RGB (red-green-blue) for man’s psychophysical wellbeing, but rather RWB (red-white-blue) for a light that is respectful of man and the environment. Gople Lamp RWB calibrates its emissions according to the PPFD values required in two phases where appropriate supply of light is crucial: the multiplication phase is accompanied by blue radiations with a 425-450 nm wavelength, whereas the blooming phase is supported by red radiation between 575 and 625 nm. Gople combines direct and controlled RWB emission with white indirect diffused light that can be controlled separately.

**Gople lamp RWB**

- Cristal glass with white gradient
- Ø 210 x 430 mm
- Cable max 2000 mm
- Direct light (RWB) Total power 21 W
- Indirect light (2700K) Total power 39 W

PATENT PENDING
Pingtan è isola, museo ed ora luce, scale differenti di una stessa forma, un richiamo all’esperienza degli elementi naturali che si fondono tra loro. È un cambio di scala che vuole portare negli ambienti interni un segno dell’energia proveniente dal mondo esterno, essere uno strumento per comunicare un’emozione più grande.

La luce in natura e nell’architettura è segno di vita, nella lampada Pingtan la luce stessa porta a immaginare la vita reale, esterna. La forma organica dell’isola diventa una scocca trasparente internamente modellata per far sì che i segni delle curve di livello si animino con un leggero bagliore e interagiscano in modo intelligente con la luce per diffonderla calibrandone l’emissione.

Pingtan is an island, a museum, and now it is also the name of a lamp. Each one is a different scale of the same shape, a reference to the experience of natural elements which merge together. It is a change in scale aiming to take a sign of energy originating from the outside world into indoor settings, as a tool to convey a bigger emotion.

Light, in nature and in architecture, is a sign of life; in the Pingtan lamp, the light itself leads you to imagine real life, on the outside. The organic shape of an island is used for the internally plied transparent body to ensure that the signs of the level curves come to life with a slight glow and interact smartly with the light to diffuse it and calibrate its emission.
Pingtan
MAD Architects

Pingtan brings the experience of nature indoors, like an outside landscape entering a room. The light conveys life from the outside, along with the idea of a bigger form of energy.

Ma Yansong
Artemide App goes PRO

Digital protocols interface (Dali, DMX) Daylight & Motion sensor integration Data sharing open to different application Heat maps for tracking and occupancy Scheduling Multi-user: 1 administrator, more guests News channel
Emissions

Pure
- White
- Tunable White
- RGB White

Hybrid
- White + White
- White + Tunable White
- White + RGB White

Scenarios

- **Scenario 1**
  - **Relax**
  - RGB (W) - Red
  - White Intensity - 10%
  - TW - Warm CCT

- **Scenario 2**
  - **Energy**
  - RGB (W) - Green
  - White Intensity - 50%
  - TW - Neutral CCT

- **Scenario 3**
  - **Creativity**
  - RGB (W) - Blue
  - White Intensity - 100%
  - TW - Cold CCT

More scenarios to be programmed...

IoT

Managing up to 500 lighting fixtures, single or in groups

Connecting by Bluetooth Low Energy
Distance: bluetooth Android 25-30 m, Apple 15 m

Cloud backup
- Secured personal access
- Multidevices control for the same network

For tablet and smartphone

Light control

- **Suspension**
- **Floor**
- **Ceiling**
- **Wall**
- **Track**
- **Ceiling recessed**
- **Wall recessed**
- **Ground recessed**
- **Bollard**
- **Pole**

Homogeneous & Heterogeneous Group Control
Come together
Carlotta de Bevilacqua

USB port
Exchanging energy
(Lithium) Li - On rechargeable battery
8 hrs battery life
Three different light performances
Max. illuminance 500 lx on task area
Very high efficiency 85%
Smart portability (400 g)
Light collimation on white diffuser
“Artemide sets light free” in 1999 with Sui. Today we can all create our own light in our space, wherever it is, with high lighting performances comparable to traditionally powered lamps, as well as long-term independence from mains power. For optical and grabbing purposes, the profile of Come together is shaped like an instrument capable to accompany man through space. The body is a transparent optical device with gradients to carry and distribute light: it works as an “empty” light pipe for lightness and optical intelligence.

1999 Sui: “18 LED portatili e ricaricabili. È una rivoluzione”.
2018 Come together: “Una luce perfetta e 8 ore di autonomia. È una nuova rivoluzione 2.0”

1999 Sui: “18 portable and rechargeable LEDs. It’s a revolution”
2018 Come together: “A perfect light and 8 hours of operation without mains power. A new 2.0 revolution.”
Ipno
Michele De Lucchi

Ipno suspension
Ø 620 x 288 mm
Total power 40 W

Ipno wall
Ø 191 mm (Diffuser)
195 x 241 mm
Total power 40 W
nh1217
Neri&Hu
Lyndon Neri - Rossana Hu

nh1217 continues the research on the dynamic interaction of experience, details, materials, form, and light that Neri&Hu are pursuing with Artemide. It offers a reinterpretation of the Oriental culture and tradition with a constant contemporary approach. nh1217 is operated intuitively as a reference to the use of lanterns, and allows freedom in creating countless lightscapes. It is an essential, versatile element, suited to illuminate a variety of contexts in a simple and poetic manner. The basic element of nh1217, a white blown glass sphere with a brass ring, evolves with structures that support it and combine to bring light into space.

The selected materials represent a perfect combination of tradition and innovation, as well as the expression of responsible and sustainable design.

nh1217 suspension 140
Ø 140 (Diffuser) x 550 mm
4 W LED (E14)

nh1217 suspension 250
Ø 250 (Diffuser) x 875 mm
15 W LED (E27)

nh1217 cluster
Ø 140 (Diffuser) x 1160 x 1280 mm
sticks 120°
3x4 W LED (E14)

nh1217 wall
Ø 140 (Diffuser)
4 W LED (E14)
Con il suo corpo di alluminio, Giò è soprattutto uno strumento, una sospensione funzionale, discreta e soprattutto senza tempo; trova il suo posto sia negli spazi domestici che in quelli pubblici. Semplice o declinato nelle diverse versioni, Giò occupa lo spazio in modo elegante ed efficiente.

With its aluminium body, Giò is first and foremost an instrument, a functional, unobtrusive and, most of all, timeless suspension lamp; it fits both in domestic and public places. Either plain or in its different versions, Giò is an elegant and efficient object in space.
Febe suspension
Ernesto Gismondi
Daniele Moioli

ø 609 x 76 mm
Total power 30 W
Discovery vertical

Ernesto Gismondi

Discovery is an unobtrusive, utterly absent and immaterial element. Its volume is only perceived when switched on, thanks to the light that outlines the central emitting surface. The result is a uniform light, ideal for working environments. The company's great optoelectronic skills, combined with a thorough culture of design and technological know-how, produces a perfectly all-purpose and surprising solution, which translates innovation into emotional perception.

Discovery vertical

<table>
<thead>
<tr>
<th>Model</th>
<th>Diameter</th>
<th>Thickness</th>
<th>Total Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discovery vertical 70</td>
<td>Ø 700 x 17 mm</td>
<td>44.5 W</td>
<td></td>
</tr>
<tr>
<td>Discovery vertical 100</td>
<td>Ø 1000 x 17 mm</td>
<td>63 W</td>
<td></td>
</tr>
<tr>
<td>Discovery vertical 140</td>
<td>Ø 1400 x 17 mm</td>
<td>89 W</td>
<td></td>
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</tbody>
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Uniform and diffuse light suitable for workplaces UGR<19
Calipso linear system
Neil Poulton

Calipso linear system 600
80 x 600 x 75 mm
Total power 23 W

Calipso linear system 1200
80 x 1200 x 75 mm
Total power 46 W

Calipso linear system 1800
80 x 1800 x 75 mm
Total power 69 W

Uniform and diffuse light suitable for workplaces UGR<19

Calipso suspension
Ø 526 x 76 mm
Total power 55 W

Calipso wall/ceiling
Ø 526 x 76 mm
Total power 55 W

30
Calipso linear
Neil Poulton

Configuration example

Calipso linear 1200
80 x 1200 x 75 mm
Total power 46 W

Calipso linear 1800
80 x 1800 x 75 mm
Total power 69 W
Harry H. LED

Carlotta de Bevilacqua
Laura Pessoni

Ø 506 x 527 mm
Total power Direct: 21 W
Total power Indirect: 37 W
Harry H. naked
Carlotta de Bevilacqua
Laura Pessoni

chrome
310 x 310 x 400 mm
Total power Direct 21 W
Total power Indirect 37 W
The SENSEable Village is a smart space where indoor and outdoor are increasingly related thanks to the technological settings which enable the interaction between its inhabitants as both individuals and community.

The SENSEable Village is based on a fluid infrastructure, back compatible and upgradable its performances. It is built on shared protocols that are aiming towards energy efficiency and the best response for the villagers' needs.

The “photonics era” introduces innovative and hybrid interactions among energies expression (light, power, data). A disruptive approach can overcome the complexity and develop new relational paradigms.

The SENSEable Village interpreta attraverso una Strategia Analitica Cognitiva i Big Data con intelligenza parametrica per permettere l’integrazione tecnica e dare risposte dinamiche. The SENSEable Village, through a Cognitive Analytic strategy, is able to interpret “big data” with parametric intelligence in order to enable technological integration and give a dynamic answer.

The human being is at the centre of the SENSEable Village where different private and public actors share objectives and responsibilities to co-design new approaches to interactivity.
SENSEable Village Manifesto

Lo spazio dove l’interazione tra esseri umani, natura e tecnologia accresce la qualità di vita.

The space where human, natural and technological interactivity improve life quality.
Nur Outdoor
Ernesto Gismondi

Manufacturing Design

Double mechanical fixing system,
Photocatalic paint,
Wind resistance up to 150 Km/h
Easy maintenance and replacement thanks to external fast power connectors

Lighting Performance

White LED Emission
(Total Internal Reflection Lenses,
Asymmetrical and controlled emission optics,
Black mask for a precise cut off)

RGBW Light Emission
(Collimated Lenses for blade projections)

Electronic Equipments

Energy saving
Dynamic lighting
Astrodim control
20% daily saving
(winter season/15hrs cycle)
15% annual saving
Sunset soft on technology
Max utilization factor
Precise optical control for a not-offensive light

IoT
Collective Interaction
Light management
Data exchange
Data integration system
Metering
Energy saving
Diagnostic
Tilt wind sensor
Air pollution

IoT
Personal and Informative
Constant information & connectivity

IoT
Human and Perceptive
Real time scenarios by Artemide App

Nur Outdoor defines a dynamic lighting context where management freedom, using either sensors or the Artemide App, can be defined and profiled each time with respect to the context featuring the appliance. Nur Outdoor gives life to a variety of lighting performances for a stronger perception of the horizontal course and of the vertical architecture. It combines asymmetrical white light emission, conceived for even illumination of the street, with a blade of coloured light that projects onto the surroundings to create a perceptive reference; its colour and intensity change to match the pace of life in the street.

Anthracite grey
Ø 600 x 543 mm
Total power (white light) 102 W
Total power (light blades) 15 W
"The Flow of Light" è un progetto che va oltre la luce per la valorizzazione di una storica via nel cuore di Milano. È infatti sviluppato attraverso una sofisticata Lighting Intelligence che genera una doppia interazione IoT. Da un lato è un’interruzione umana e personale rispetto alla percezione e alla possibilità di gestire attivamente e in real-time la dinamicità delle scenografie di luce per seguire i ritmi delle attività e della vita della via attraverso Artemide App. Dall’altro lato l’interazione si sviluppa nello scambio di dati all’interno di un network cittadino Smart e SENSEable. Nur Outdoor è predisposta per accogliere evoluti sensori e, tramite software, dialogare come una piattaforma aperta con applicazioni differenti secondo standard condivisi. È un progetto “Back compatible” che può lavorare come un bridge verso la Future Smart City nella raccolta di informazioni e la gestione di dati su misurazioni ambientali, consumi, diagnostica, sicurezza e molto altro.

"The Flow of Light" is a project that reaches beyond light to enhance an historical downtown Milan street. The Flow of Light is, in fact, a project developed for the smart city, which uses a sophisticated Lighting Intelligence generating a dual IoT interaction. On one hand it is a human and personal interaction concerning perception and possible real-time active control of dynamic light scenarios to underline the pace of the activities and of life in the street by means of the Artemide App. The interaction is developed through data sharing within a Smart and SENSEable city network. Nur Outdoor is designed to accommodate advanced sensors and interact via software with different applications according to shared standards, like an open platform. It is a “Back compatible” project that can work as a bridge towards the Smart City by collecting information and data on environmental measures, consumptions, operation, safety and much more.
Perceptive experience
Guides the visitors through a new perceptive experience and creates not only a scan of the space but also a perspectival vision.

Interactive intelligence
Through an interactive intelligence, it bonds the passers-by with the landmarks and the history of the street.

Light management & data exchange
An intelligent platform, integrated in and a smart and SENSEable city network, allows the measurement of different parameters and data exchange open to different applications.
Solar Tree 2.0
Ross Lovegrove

Solar Tree 2.0 has progressed to become a family of modular solutions. Different post heights, and two different heads: these are the structural features to use to put together various configurations to accommodate the needs of urban areas, with solutions that are not only functional but also interactive and energy-smart, to promote a new sustainable and social dimension for the city and for mankind. Solar tree 2.0 has become a smart, latest-generation platform capable of establishing a personal connection with individual users or with smart and “SENSEable” city networks.

Solar Tree 2.0 street light
Ø 490 x 339 mm (head)  
Total power 20 W

Solar Tree 2.0 urban social light
Ø 882 x 614 mm (head)  
Total power 23 W

With or without solar cells
Energy harvesting
Presence sensor
GSM communication
CCTV predisposition
Remote control & management
Induction wireless recharge
Li-Fi
Smart grid
Walking is a family of outdoor appliances that design dynamic lighting landscapes with a new and different approach focused on human perception for visual and psychological details. It can create different luminous landscapes starting from three white or coloured lighting performances, either single or combined within the same element according to a space gradient of structures of different heights.

It defines a new, exciting lighting language, respectful of the surrounding space, which it approaches with deeds that promote its perception and a man-sized experience. A dynamic discovery of space that is allowed, among other things, by the possible interaction with sensors, the Artemide App and advanced intelligences.

Walking

Carlotta de Bevilacqua
Walking Space

- **Walking space 60**
  - Size: 50 x 50 x 650 mm
  - Total power (white light): 10 W
  - Total power (RGBW): 2 W

- **Walking space 90**
  - Size: 50 x 50 x 950 mm
  - Total power (white light): 10 W
  - Total power (RGBW): 2 W

- **Walking space 250**
  - Size: 50 x 50 x 2558 mm
  - Total power (white light): 10 W
  - Total power (RGBW): 2 W

- **Walking wall**
  - Size: 200 x 50 x 50 mm
  - Total power (white light): 10 W
  - Total power (RGBW): 2 W

Light temperatures and colors:
- 2500 K
- 3000 K
- RGBW
Rotosymmetric emission

Asymmetric emission
Walking Graphic

**Blades of light**
Transmit direction and reveal the 360° spatiality

180 270 360

**Light temperatures and colors**
- 2200 K
- 3000 K
- RGBW

Walking graphic
- 200 x 50 x 57 mm
- Total power (white light) 10 W
- Total power (RGBW) 2 W
Walking Focus

Walking focus 60
50 x 100 x 630 mm
Total power (one emission) 8 W
Walking focus 90
50 x 100 x 93 mm
Total power (one emission) 12 W
Walking focus wall 30
303 x 100 x 50 mm
Total power (one emission) 4 W
Walking focus wall 60
603 x 100 x 50 mm
Total power (one emission) 8 W

360° rotation

2200 K
white
black
silver
3000 K
Artemide metamorfosi 2.0

Operative (White)
Physiological (Tunable White)
Scenographic (Color)
A partire dagli anni 90 con il progetto Metamorfosi Artemide ha iniziato a lavorare prima con la luce colorata e poi con le temperature di colore del bianco, studiandone l’importante influenza psicologica e fisiologica.

Oggi Metamorfosi 2.0 riconcilia la dicotomia tra luce bianca, nelle diverse temperature di colore e luce colorata. Un evoluto sistema RGBW sintetizza in uno stesso apparecchio un’altissima qualità di performance del bianco e la libertà di riprodurre tutti i colori dello spettro visibile, passando attraverso la modulazione delle differenti temperature di colore del bianco.

È possibile una gestione precisa e puntuale, ma al tempo stesso una grande libertà e flessibilità di interazione in tempo reale o secondo protocolli di gestione e programmazione. Uno stesso apparecchio è così in grado di garantire una luce perfettamente bianca funzionale ed operativa, una temperatura di colore variabile per una percezione ottimale anche dal punto di vista fisiologico e un’infinita gamma di colori per una luce scenografica ed emozionale.

Starting with the Metamorfosi design in the 1990s, Artemide began to work first with coloured light and then with the colour temperatures of white, studying their significant effects on both mind and body.

Today, Metamorfosi 2.0 resolves the dichotomy between white light, in its various colour temperatures, and coloured light. A sophisticated RGBW system merges within a single luminaire the superior performance quality of white light with the freedom to reproduce all the colours of the visible spectrum, thanks to the modulation of the various colour temperatures of white light.

Accurate and precise control is possible, yet at the same time guaranteeing the utmost freedom and flexibility of interaction in real time or according to control and programming protocols. This way, the same luminaire is capable of guaranteeing functional and operational perfectly white light, a variable colour temperature for optimum perception also from a physiological perspective and an endless range of colours for scenic and emotional lighting.
S.LoT nasce da una progettualità condivisa, l’idea di gestione dinamica della luce sviluppata da Tapio Rosenius con LoT si applica evolvendo ai sistemi Sharp di Carlotta de Bevilacqua per offrire un’inedita libertà e qualità della luce bianca e colorata.

Born from a shared design approach, the dynamic light operation idea conceived by Tapio Rosenius with LoT is developed and applied to the Sharp system by Carlotta de Bevilacqua to provide unprecedented freedom and quality of white and coloured light.

Beam angles from 20° to 60°

**Dynamic light**

100% wide  100% medium  100% spot  100% all angles

100% wide / 50% spot  50% medium / 50% spot  50% medium / 100% spot  50% wide / 100% medium
S.LoT RWB
Tapio Rosenius

High quality white light
Operative light

From white 3000K to cooler or warmer colour temperature
Physiological light

All the colours of visible spectrum
Scenographic light
Reinvent end-user experience through intelligent applications / Deliver simple messages, images or video / Share information and activate connection / Transform simple information in added value services

Geo Li-Fi

Artemide designs a tailormade experience through perfect light and Geo Li-Fi application

High quality light performance
+ data information
Works with visible light
on smart products
Monodirectional data transmission

High precision tracking
Integration with intelligent network
Art and Exhibition

Food display

Retail
Hoy
Foster+Partners

Hoy Recessed

Hoy Semirecessed

Hoy Ceiling

Ø 90 mm
Total power 20 W
23°, 35°, 53°, 70°
Vector
Carlotta de Bevilacqua

Vector 95 Track
- 16°, 24°, 60°
- Total power 35 W

Vector 40 Track
- 13°, 20°, 28°
- Total power 10 W

Vector 55 Track
- 16°, 22°, 32°, zoom
- Total power 25 W

Vector 40 Track
- 13°, 20°, 28°
- Total power 8 W

Vector 55 Track
- 16°, 22°, 32°, zoom
- Total power 21 W

Vector 40 Recessed
- 13°, 20°, 28°
- Total power 8 W

Vector 55 Recessed
- 16°, 22°, 32°, zoom
- Total power 17.5 W

Vector 40 Semirecessed
- 13°, 20°, 28°
- Total power 8 W

Vector 55 Semirecessed
- 16°, 22°, 32°, zoom
- Total power 21 W
Vector 55 Magnetic

Vector 40 Magnetic

○ white
● black

Vector 40 Magnetic
Track or pendant
13°, 20°, 28°
Total power 10 W

Vector 55 Magnetic
Track or pendant
13°, 20°, 28°, zoom
Total power 25 W
A.24
Carlotta de Bevilaqua

Fully addressable
Each module and spot can be managed separately by Artemide App or DALI control
Artemide SELV is developed for a real safe DALI interface
Electrical and mechanical continuity through different performances

Linear Diffused
Direct emission
1176mm, 34W- 2352 mm, 68W
Recessed, suspension, ceiling

Linear Sharpening
Direct emission+indirect emission
1176mm, 61W- 2352 mm, 122W
Suspension
A.24 circular magnetic track
Artemide SELV
Radius 561mm: Alpha 60°, 90°
Radius 750mm: Alpha 45°, 90°
Recessed, suspension, ceiling

A.24 circular diffuse
Direct emission
Stand alone Ø1122mm, 102W
Stand alone Ø1550mm, 136W
Radius 561mm:
Alpha 60°, 17W – Alpha 90°, 25W
Radius 750mm:
Alpha 45°, 17W – Alpha 90°, 34W
Recessed, suspension, ceiling

A.24 circular sharping
Direct emission 24°-62°
Stand alone Ø1122mm, 50W
Stand alone Ø1550mm, 100W
Radius 561mm:
Alpha 60°, 17W – Alpha 90°, 25W
Radius 750 mm:
Alpha 45°, 17W – Alpha 90°, 34W
Recessed, suspension, ceiling

PATENT PENDING

A.24 circular
Carlotta de Bevilacqua
La rivoluzione in atto con il Li-Fi apre innovative frontiere di progetto che vanno oltre lo specifico campo dell'iluminazione aprendo un dialogo con sistemi di interazione evoluti e sensori verso nuovi scenari di integrazione della luce in progetti intelligenti che necessitino di gestire elevati bit-rate in modo puntuale e sicuro in contesti privati o pubblici.

Per questo Artemide offre un pacchetto di competenze e di possibili soluzioni applicative da declinare nei progetti che sviluppa nel campo dell’illuminazione. Non tanto una soluzione standard dedicata ad un prodotto ma una piattaforma di possibilità aperte per la creazione di nuovi servizi, capace di evolversi integrandosi in molti prodotti e sistemi della collezione per combinare la perfetta soluzione di luce con un’innovativa interpretazione di interazione e servizio.

The current revolution connected with the development of Li-Fi technologies opens up new design frontiers that reach far beyond the lighting sector and initiates a dialogue with advanced interaction systems and sensors towards a possible new integration of light in smart projects that call for the punctual and secure management of high bit rates in private or public contexts.

This is why Artemide offers a package of skills and possible applications for featuring in projects developed for the lighting sector. Not so much a product-specific standard solutions, but rather an open platform for the creation of new services, able to evolve and integrate into multiple products and systems of the collection to combine the perfect lighting solution with an innovative interpretation of interaction and service.
Design end-user experience / Transform light source into responsive infrastructure/Platform for IoT and Big Data / Connectivity accessible everywhere

Visible light and IR
Bidirectional
Bit rate up to 23MBs, faster than Wi-Fi
Dongle as signal decoder
Adaptive to all devices

Security: no interceptable signal
Safety: no interferences with electromagnetic waves
No interference independently from the number of users in the same room
Series Y
Gensler
Steven Meier and Vincenzo Centinaro

Divorce lighting from the ceiling
Responsive system for workplaces
Uneven composition and unexpected geometries
Horizontal and vertical freedom to play with
Linear or multiple configuration up to 4 modules
Batwing indirect emission

Maximum flexibility of composition

Free angles modules respecting a minimum of 75°

Controlled emission

Diffused emission

Free vertical tilt of up 30° upwards or 30° downwards

Total power 37 W

Direct diffuse emission

Direct controlled emission

Direct diffuse + Batwing indirect emission

Direct controlled + Batwing indirect emission

Total power 55 W

Free vertical tilt of up 30° upwards or 30° downwards

Single module

90 x 1120 mm

Joints

White

Anthracite

Silver

Red

Yellow

Multiple joint from two up to four modules

Multiple joint from two up to four modules
Silent field
Carlotta de Bevilacqua
Laura Pessoni

Ø 1000 mm
Total power 25 W

- **white**
- **black**
- **orange**

**2 Surfaces for different acoustic absorption**
Upper surface with low density to entrap soundwaves reflected from the ceiling

**Indirect emission**
Lower surface with different density to absorb different frequencies

**High efficiency**
Maximum uniformity & no color spots
Total control of the light emission

PATENT PENDING
Eggboard
Progetto CMR - Giacobone & Roj
Eggboard baffle suspension
1600 x 400 mm
1600 x 800 mm
800 x 800 mm
Acoustic panel without light

Light modules
400 mm: 3 W
800 mm: 5 W
1600 mm: 11 W

Eggboard baffle ceiling
1600 x 400 mm
Direct 18 W
Acoustic panel without light

The entire Eggboard collection is based on the principle of acoustic absorption to limit sound reverberation, particularly with respect to human voice frequencies. A vertical suspension and a number of panels with grazing light intended for wall or ceiling installation are the new elements making up the lightscape and ensuring perfect environmental quality. They both work freely on the lighting performances that can be combined with the acoustic element. The suspension version can combine indirect diffused light with direct controlled light thanks to the patented Eggboard Matrix optical units. In the wall and ceiling versions, grazing light can be associated on each side.

Tutta la collezione Eggboard lavora sul principio dell’assorbimento acustico per limitare il riverbero sonoro soprattutto delle frequenze corrispondenti alla voce umana. Una sospensione verticale e dei pannelli con luce radente da installare a parete o soffitto sono i nuovi elementi per comporre un paesaggio di luce e con una qualità ambientale a 360°. Entrambi lavorano con flessibilità sulle performance di luce che possono essere unite all’elemento acustico. La sospensione può unire ad una indiretta diffusa la luce diritta controllata con le ottiche brevettate di Eggboard Matrix. Nelle versioni a parete e soffitto ad ogni lato può essere associata una luce radente.