



ARTEOR™ | FLOW OF ENERGIES

 legrand®



## FLOW OF ENERGIES

Imagine that your home comes to life. That the walls, throughout the home, are suddenly gifted with intelligence, and watch over your daily well-being. Then imagine that you can control everything with a simple gesture, in a series of actions orchestrated exactly according to your wishes... This impetus, capable of bringing life to your living space, is the flow of energies provided by Legrand technology. Quite simply a new way of seeing the world, which we invite you to share.

# Meet the Designers



## **PIERRE-YVES PANIS AND DENYS TOULEMONDE**

ARE DESIGNERS AT LEGRAND.

THEY ARE HERE TO TELL US ABOUT THE GENESIS OF THE NEW ARTEOR™ INTERNATIONAL LINE.

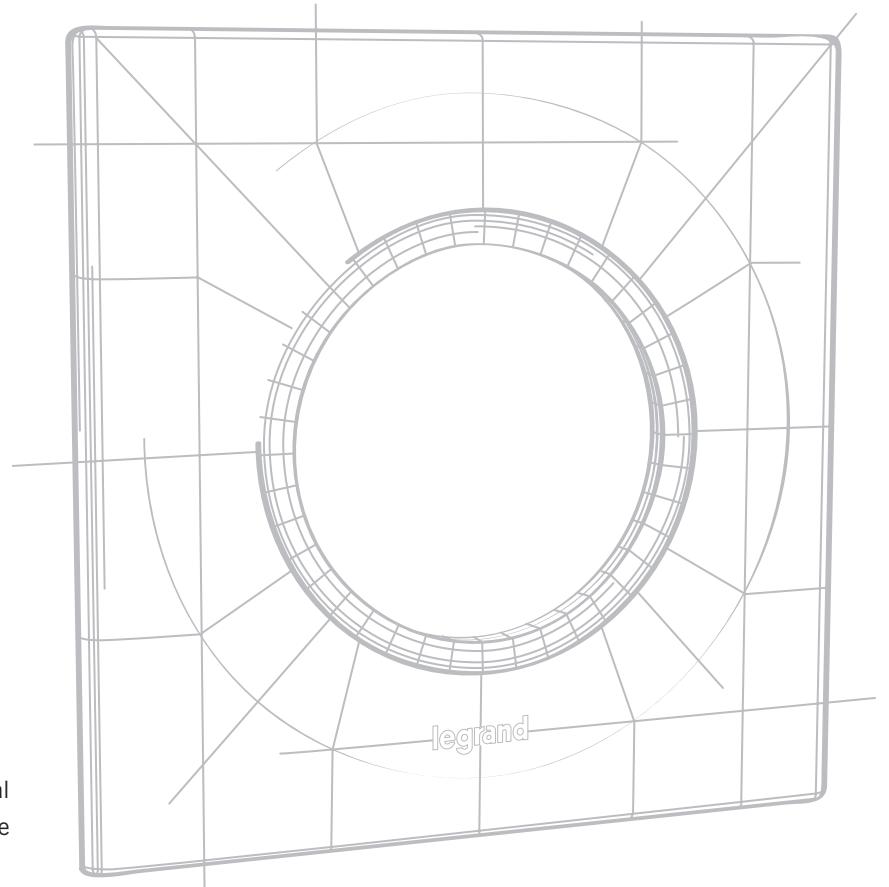
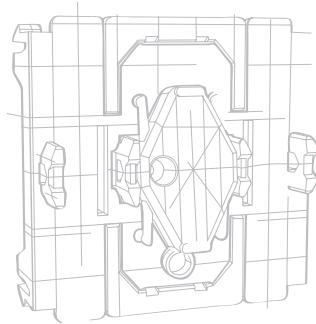
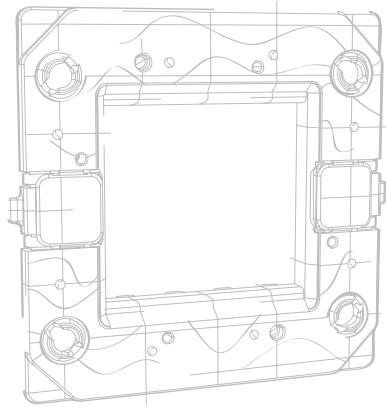
### **What is the designer's role in creating a project such as Arteor™?**

Whatever their field of activity, designers must find the optimum balance between function and form. This requires them to innovate constantly, even if that means changing habits and presuppositions.

As for Industrial Design, it is now at the core of a strategic issue: technological innovation. It forms the vital link between increasingly sophisticated electronic components, ever more elaborate functionalities, and a user who expects increasingly simple access solutions. Today, a product must be efficient, intuitive and elegant. And even sometimes it becomes status enhancing. The factors of differentiation and perceived quality have in fact become essential choice criteria, both for consumers and for specifiers.

Our role is therefore to be at the forefront by capturing the current climate and anticipating trends. That's why Legrand Design keeps a "creative watch" on society as a whole and on Architecture and Design in particular to identify trends. Each designer then interprets them with his or her own particular style.

In this intuitive and imaginative work, creativity and rationality combine to create the final product.



**How did the Arteor™ project take shape?**

Firstly, Arteor™ had to encompass all the technological know-how of Legrand. With several key elements to be included:

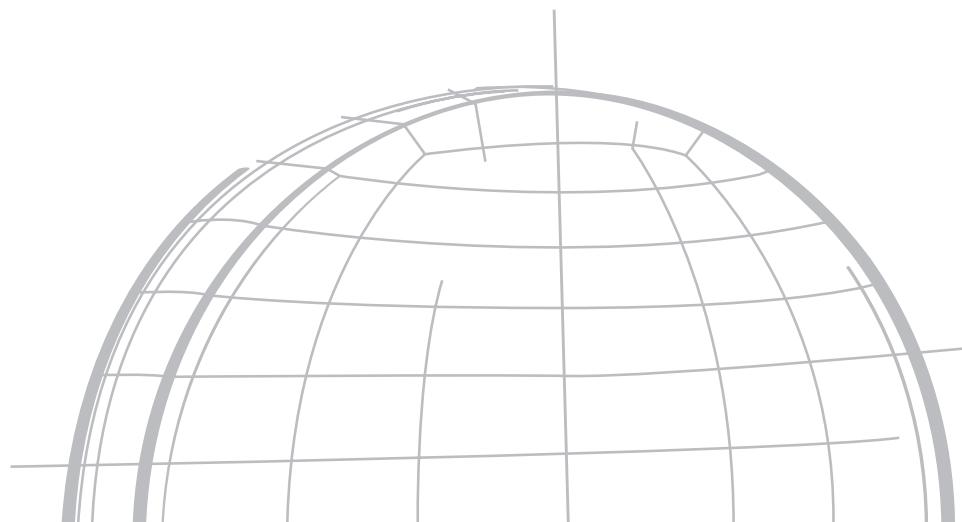
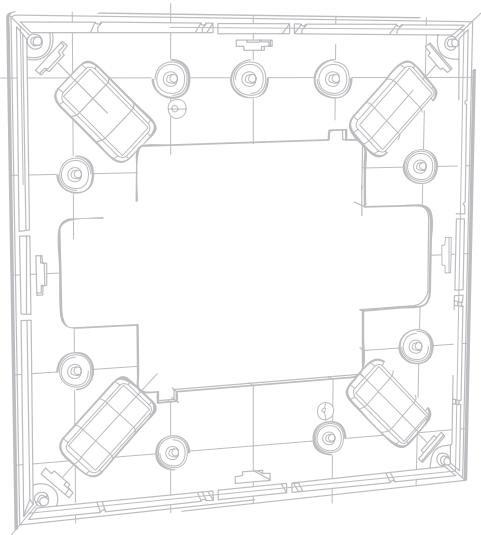
- A top-of-the-range positioning, ensuring Arteor™ has a status enhancing value.
- A simple, clean style, truly universal in order to be adapted to the different international markets.

Having chosen to refer to certain values of Asian culture, it seemed to us essential to develop this project in close cooperation with an Asian Industrial Design agency.

On a creative level, this partnership shows our willingness to increase intercultural and international exchanges as sources of inspiration and a first step towards a universal convergence.

It also confirms our willingness to coordinate talent and highlight the international dimension of our project. We believe this kind of synergy is the key to truly innovative proposals.

***“Firstly, Arteor™ had to encompass all the technological know-how of Legrand.”***



**In what way is the Arteor™ design innovative?**

From a formal point of view, Arteor™ innovates through its bevelled profile. By a visual effect, the object appears to float in space, weightless, bestowing unique elegance on the room.

Moreover, its lines echo those of high-tech objects increasingly found in interiors: flat screens, digital photo frames, and computer screens.

With Arteor™, wiring devices are perfectly in sync with new technologies.

***“With Arteor™, wiring devices are perfectly in sync with new technologies.”***

**What are the constraints encountered during a project of this scale?**

Paradoxically, the thousands of kilometres that separate our design studio and the Asian studio did not present an obstacle in the internet age. The geographical distance does not imply a "creative" distance and we found that we share values and sensibilities.

The challenge, in an international endeavour, is to adapt to the constraints of each country. These may be subjective: preferences, effects of fashion, habits... Other constraints we had to take into account were more tangible: the shape of the rocker plate or the standards and local uses. We needed to develop a concept to offer the range in different standards while maintaining aesthetic consistency.



#### **Why offer two versions: round and square shaped rocker plates?**

We think that the user needs to have this choice. We therefore designed a wider range where the options may be freely combined. The two basic and essential shapes – the circle and the square – ensure the multiple functions of modern wiring devices are harmoniously integrated.

Furthermore, each version has its own advantages:

We have therefore rethought the traditional square rocker plate so as to equip it with better ergonomics: a slightly concave surface facilitates the control.

The difference is also visually noticeable and creates harmonious variations on surface composition.

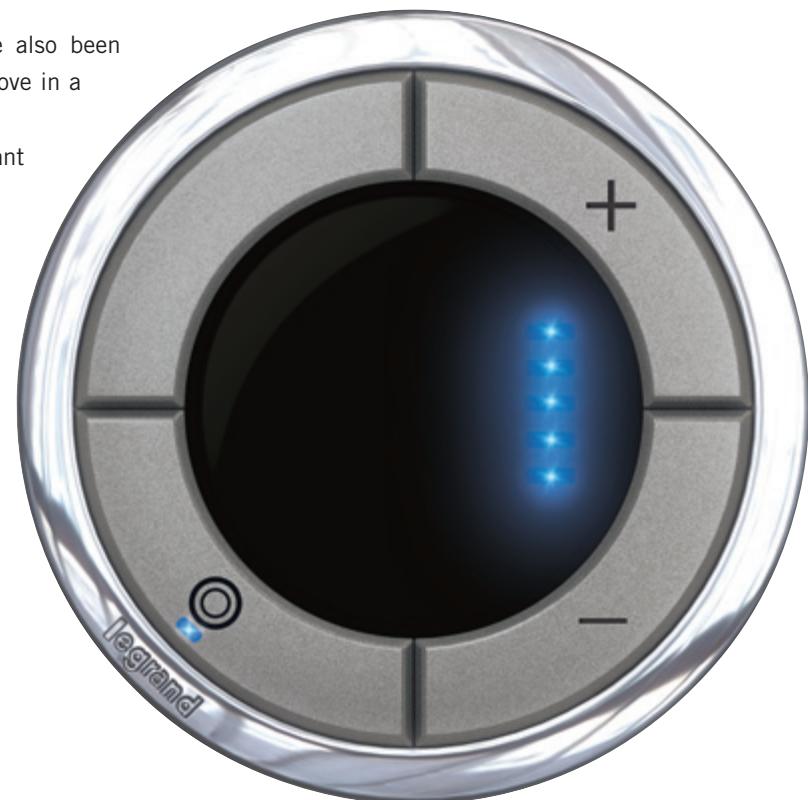
The circle theme is innovative for this type of product. It is indeed the result of collective influences because the European and Asian teams had the idea simultaneously, even before they confronted their concepts.

Proof that this audacious solution was ideally adapted to the aspirations of users throughout the world.

The newness is not only aesthetic: the ergonomics have also been improved by this circle theme which allows the hand to move in a more natural, intuitive way.

It is surely not by mere chance that the circle is a significant trend in numerous everyday high-tech products.

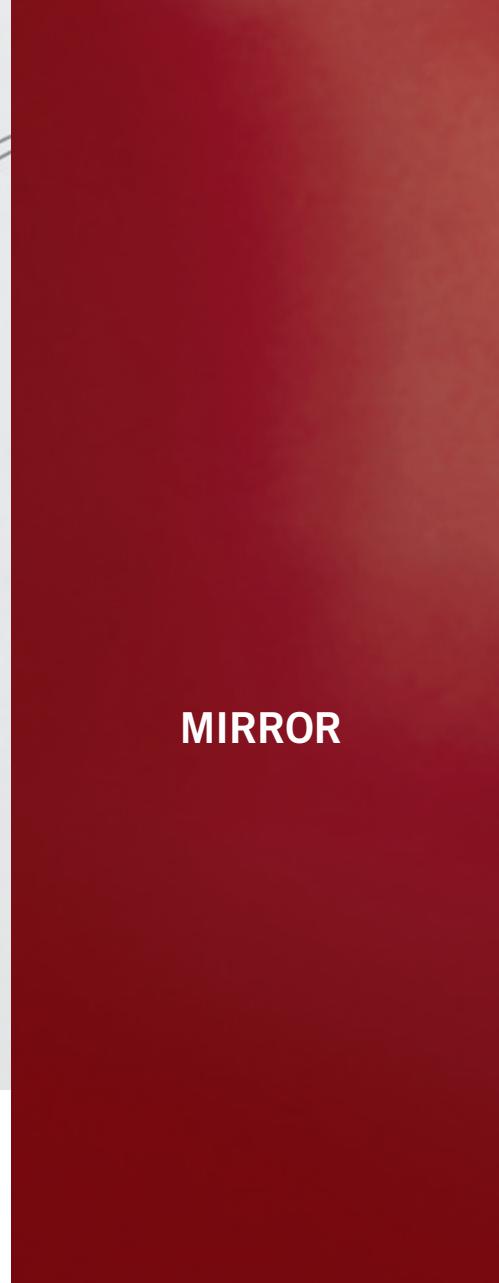
***“The round shape ensures the functions of modern wiring devices are harmoniously integrated.”***



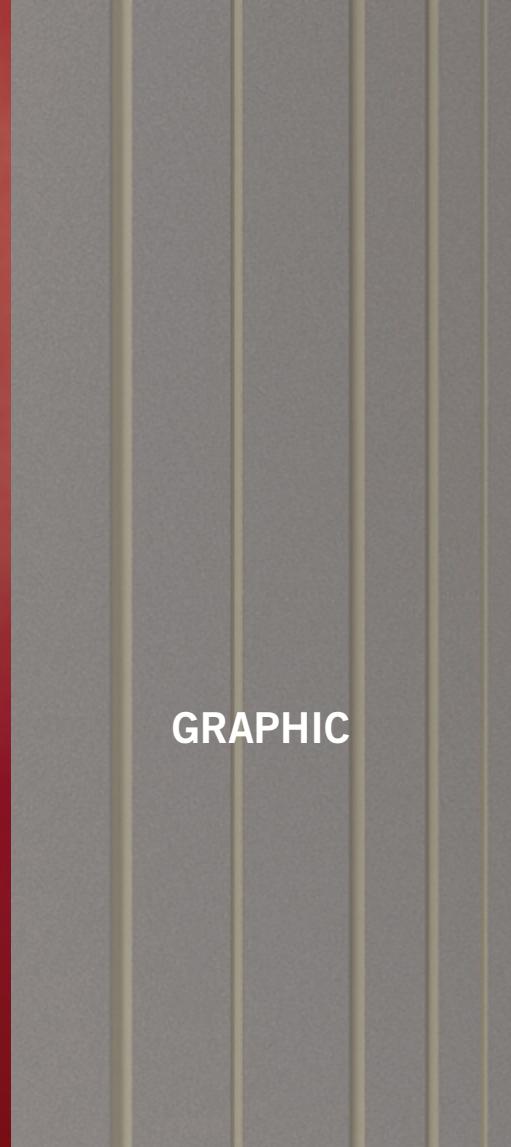
# Materials



TATTOO



MIRROR

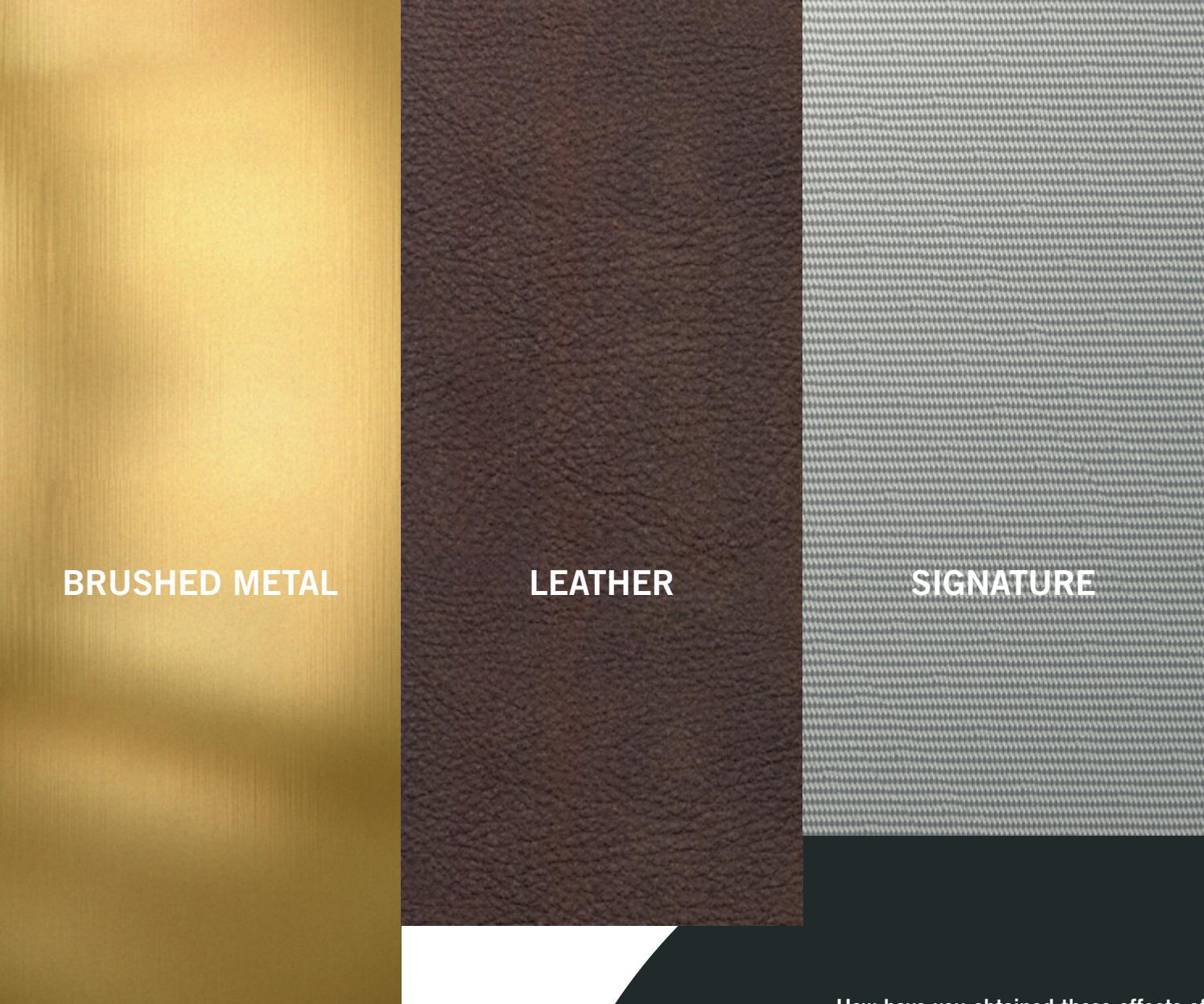


GRAPHIC



**"Mirror Black":**

*A finish that harmonises with the world of flat screens and emphasises the "high-tech" nature of the collection. Offered for Touch products, it ensures the aesthetic unity between classic wiring devices and advanced systems from the Arteor™ range.*



BRUSHED METAL

LEATHER

SIGNATURE

**How have you obtained these effects of original materials?**

The Arteor™ range contains a very high level of detail.

Particular attention is therefore paid to the selection and quality of materials, from the most refined to the most innovative. Among the exclusive finishes offered, there is Woven Metal, Mirror Red and Galuchat (shagreen or fish skin).

In this endeavour, the Design team relies on the expertise of its specialist in materials and finishes.

It is always seeking new trends through its constant observation of

external markets in the most diverse sectors:

decoration, electronics, cars, lighting, furniture...

Also, the experience of different cultures acquired

during trips abroad, visits to trade fairs and material

libraries, enables us to offer the user diversity of

choice, and extensive adaptability in terms of

decoration and lifestyle.

Lastly, a manufacturer's expertise is also the art

of using and producing materials with consistent quality.

***“Particular attention  
is therefore paid to  
the selection and quality  
of materials.”***

*“The Arteor™ functions and applications can be customized at will. Imagination is the only limit.”*



### **Arteor™ functions can be customized. Why have you provided this choice?**

Nowadays there is a real convergence of technologies, together with a high requirement for customization.

Today's objects of value are often by nature not definitive, in the sense of adaptability: from the computer to the mobile telephone or the car, all are intended to adapt exactly to the needs of each person.

Arteor™ functions can be customized because users create their own living scenarios, to be set according to their preferences: cinema ambience or an evening with friends,

subdued lighting with automatic closing of the curtains and adjustment of the thermostat... Imagination is the only limit.

The system then becomes the home's brain.

The creation of our icons is part of this philosophy. They have been specially designed to improve clarity and be immediately legible, in order to be highly user-friendly.

In contrast to a word, an icon is easily identifiable by the majority of people and enables a function to be concentrated in a gesture. It is the ultimate expression of technological convergence.



## ENVIRONMENT

Obviously, today's environmental challenges directly impact the design and development of Arteor™. Blue LEDs – one of the characteristic features of the range – are not mere design elements: The use of LEDs for all illuminated functions allows for the optimisation of energy consumption. So do a variety of options for programming and automation. And with its new generation of dimmers which are perfectly suited for controlling energy-efficient light sources such as compact fluorescent lamps and even LEDs, Arteor™ allows to reconcile enhanced comfort with a responsible lifestyle.





***“People's lifestyles are constantly evolving”***

**Is Arteor™ an appropriate answer by Legrand in today's complex design environment?**

Yes, we believe that the concept meets a real demand from the targeted public.

With today's nomadism and the many interactions between cultures, people's lifestyles are constantly evolving. Consumers are overwhelmed by a multitude of influences and perspectives every day, through internet or when traveling. This convergence of information sources and the virtual suppression of distances make them more likely to accept differences and build up their own values.

All of this gives Legrand Design a greater creative freedom, which the team expressed through a minimalist style in order to guarantee the timeless nature of the Arteor™ range, intended to live and evolve over the long term.

This corresponds to a real expectation of simplicity and authenticity. It is up to us, the designers, manufacturers and specifiers, to meet this demand in an appropriate way.

# Touch



## TOUCH DIMMER LIGHT INTENSITY SELECTOR

From pure brilliance to the most subdued effect, choose your room's ambience with a gentle touch of the hand. With its minimalist design and its elegant sensitive surface, the Touch Dimmer reinvents the art of controlling light.



Customize



## SCENARIO SWITCH ACTIVATOR OF SCENARIOS

With the Scenario Switch, you are offered a new way of setting the scene for your everyday life. With a simple press, you can activate real living scenarios that can be customized to control with a simple touch and simultaneously different functions in the room (light, heating, shutter, etc), programme a cosy ambience and watch television, or start the hi-fi system and lights as soon as you arrive... Technology yields to your wishes.



Visualize



## 1.2" TOUCH SCREEN MULTIFUNCTION INTERFACE

The functionalities of the Scenario Switch are made more precise by an integrated control screen. Adjusting the temperature to the nearest degree – or choosing your favourite radio station – has never been so easy. All clearly expressed with the 1.2" Touch Screen.



# Control





### **3.5" TOUCH SCREEN CONTROL CENTRE**

With the 3.5" Touch Screen, you can control all your systems in the home: lighting, roller shutters, sound system or alarm system. Now, custom-made living scenarios spread throughout the home and can be programmed according to your tastes and habits. The Touch Screen also allows you to download your playlist via its IP entry, or turn up the sound while dimming down the spotlights. It offers numerous possibilities with a particularly intuitive navigation system, in the form of icons.

# Supervise





## 10" MULTIMEDIA TOUCH SCREEN VIDEO DOOR ENTRY SYSTEM AND CONTROL CENTRE

When high-tech home automation brings life to the convergence of all the intelligent systems in the home... This control center adds video door entry and video surveillance to the home control functions - using the same intuitive navigation system as the 3.5" Touch screen. On its wide screen and depending on the number of cameras, controlling the exterior and interior of the home or talking with visitors has never been so easy. Also, its multimedia design provides access to multiple online services: radio, playlists, weather, traffic news, and even video broadcasts.

# Sublimate





## SWITCH INTERIOR DESIGN

While Arteor™ innovates through its bevelled profile, it also offers many exclusive options: round rocker plate, colours and new materials such as Galuchat (shagreen or fish leather) or Woven Metal... resulting in numerous combinations and a perfectly harmonious integration into your interior.

# Offices





## LIGHT MOOD MANAGER

### CREATOR OF LIGHT AMBIENCE WITH TOUCH SCREEN

Conference, projection, work meeting or showroom... With the Light Mood Manager you can adapt the lighting to the use of your space: area or centralized control, hourly programming and lighting scenarios provide the comfort and prestige that gives your company the edge.

# Hotels



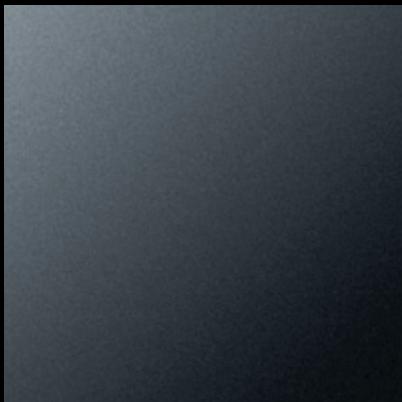
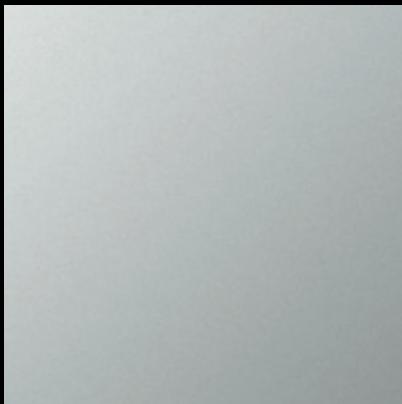
## BEDSIDE UNIT

### TOUCH INTERFACE FOR HOTEL ROOMS

That comfortable feeling of being “at home” even when you're far away comes from a multitude of small details. With this unit at their bedside, travellers will enjoy a perfect rest: the blinds, curtains and lighting can all be controlled remotely without having to get up. And programmable scenarios can be used to adapt the atmosphere to suit their mood.



# Magnify



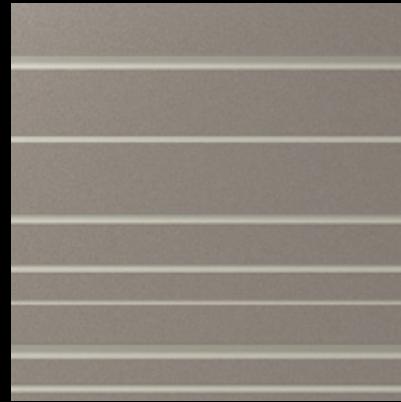
NEUTRAL



TATTOO

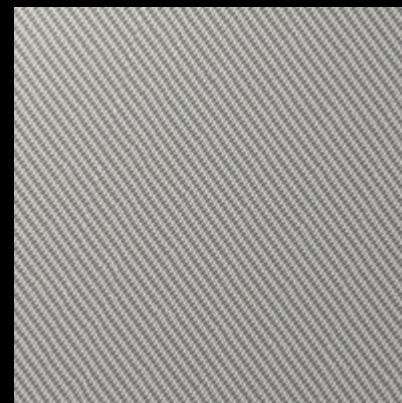


MIRROR



GRAPHIC

From the elegant simplicity of the Neutral finishes to the extreme refinement of the Signature line, a collection rich in choice and fine materials. To make each room truly unique.



**SIGNATURE**

**BRUSHED METAL**

**WOOD**

**LEATHER**

Choose

NEUTRAL



White



Pearl Alu

TATTOO



Edition 1



Diversity of colours, materials and designs, but also à-la-carte ergonomics with the choice of a round or square rocker plate... The Arteor™ collection lends itself to infinite combinations to match your style.



Graphite

Beautify

MIRROR



Mirror Black



Mirror White



Mirror Taupe



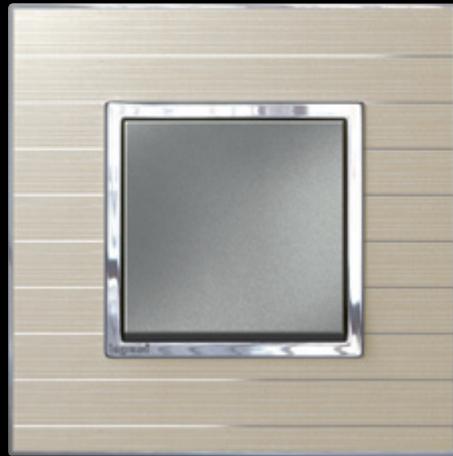
Mirror Red

In Mirror finish or in a Graphic version, Arteor™ plays on originality. High-tech or fantasy ambience, you choose.

### GRAPHIC

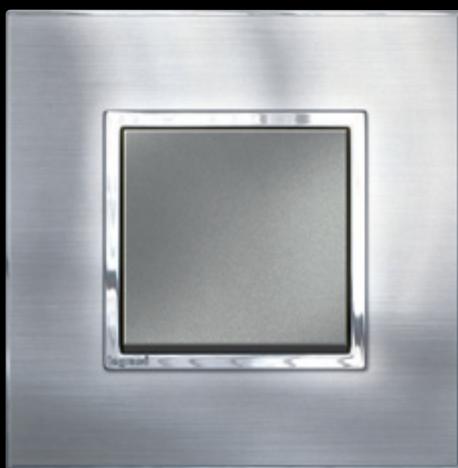


Formal

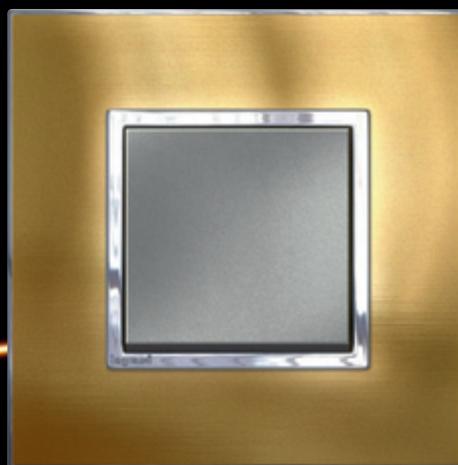


Casual

BRUSHED METAL



Stainless Steel



Gold Brass



Finesse of the brushed metal against the warmth and authenticity of the wood: irresistibly elegant...

## WOOD



Wenge Style



Light Oak

## LEATHER



Club

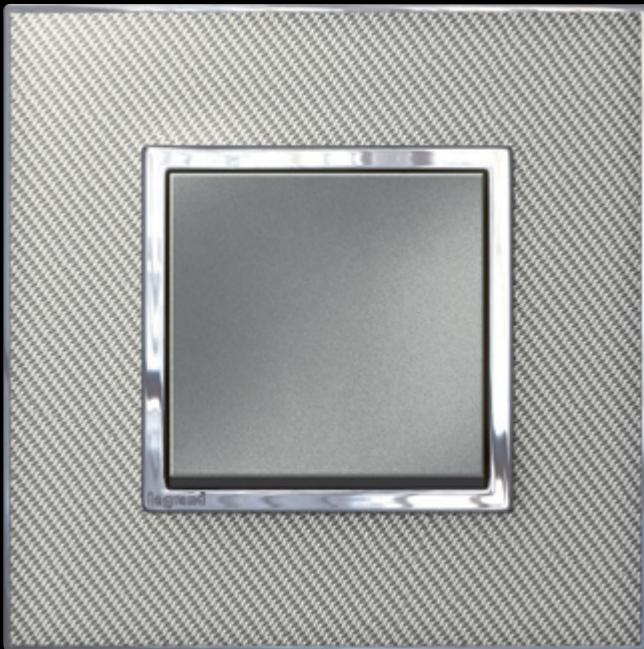


Galuchat



When fine and rare materials are used, exclusive collections are the result. This applies to Galuchat (shagreen or fish leather) and Woven Metal: you will find them nowhere else.

## SIGNATURE



Woven Metal



# Activate

## MICROPUSH CONTROL



Micropush lighting control (BUS version)

## DIMMER CONTROL



Dimmer control for 2 circuits

## DIMMER



Leading/trailing edge radio dimmer without neutral

## SHUTTER CONTROL



Micropush shutter control

Right from the very first level our Home Automation range offers functions allowing a high degree of comfort. With a choice of ergonomics to suit your expectations: Micropush button, or Touch sensitive control. Arteor™ Home Automation solutions are based on two technologies: BUS and radio.

### TOUCH PLATE SWITCH



Touch plate switch (radio version)

### TOUCH CONTROL



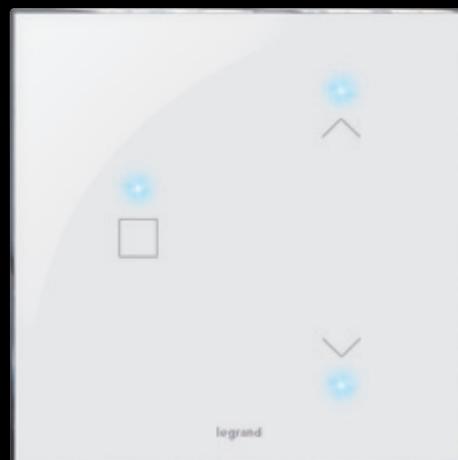
Lighting touch control (BUS version)

### TOUCH PLATE DIMMER



Touch plate dimmer (radio version)

### TOUCH PLATE SHUTTER CONTROL



Touch plate shutter control (radio version)

Imagine

### 4-SCENARIO MICROPUSH

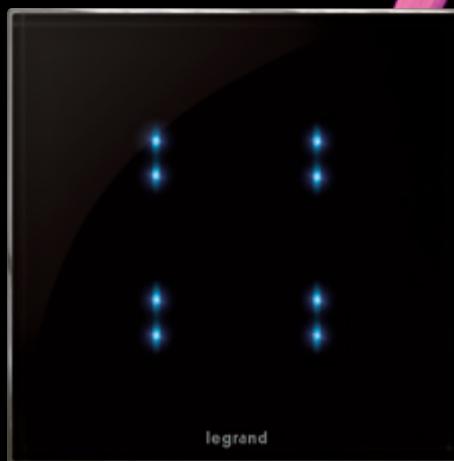


4-scenario micropush control (BUS version)

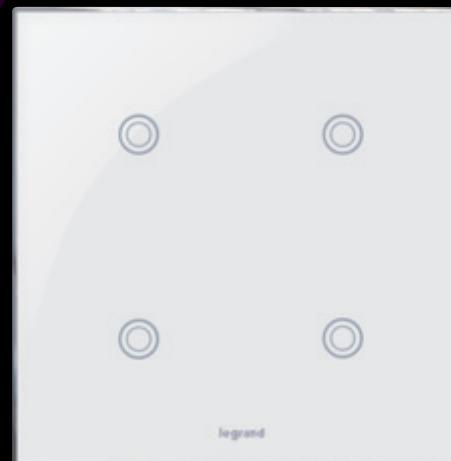


4-scenario micropush switch (radio version)

### 4-SCENARIO TOUCH



4-scenario touch control (BUS version)



Touch plate scenario controller (radio version)

Advanced Home Automation functionalities to create four living scenarios. Lighting, blinds, heating, hi-fi system... Controlling several functions with a single touch soon becomes second nature. Available in Micropush, touch plate or touch screen versions.

## 1.2" TOUCH SCREEN



1.2" Touch screen in "sound distribution" mode



1.2" Touch screen in "temperature management" mode

## HOME AUTOMATION



3.5" Touch screen:

**Control centre**  
Enables the creation of scenarios for every room:  
lighting, shutters, sound system,  
temperature regulation, alarm system, etc.  
Touch technology controls and easy navigation  
using icons



Video display

**Hands-free video door entry and home control station**  
Colour video screen and integrated microphone for  
welcoming visitors

From a single point control all the settings and multimedia functions in your home, set the lighting in the garden, control the gate... With the Home Automation screens, the interior and exterior become one.



10" Multimedia touchscreen

**Video door entry system and control centre**

A control centre for home control functions, video door entry and video surveillance functions via a control screen linked to indoor and outdoor cameras, and broadcasting of multimedia contents (web, video, etc.)

# Modernize

## ALL-LOAD SWITCH



Micropush 2-way switch with LED locator

## SENSITIVE SWITCH



Control light sources by simply passing the hand in front of it

## UNIVERSAL DIMMER



Universal dimmer - suitable for compact fluorescent lamps

## MULTI-OUTPUT DIMMER



Micropush dimmer for 2 circuits

Comfort takes on another dimension with these switches that enable you to dim, control and connect in a modern way: sensitive switch, electronic room thermostat... New ways to reconcile everyday comfort with a responsible lifestyle.

### ELECTRONIC ROOM THERMOSTAT



Active temperature management room by room

### SKIRTING LIGHT WITH LED



Installed near obstacles for greater safety

### TV/R/SAT SOCKET



For TV connection

### TELEPHONE SOCKET



For telephone connection

Offices and collective spaces require specific solutions and maximum flexibility: lighting adapted to each situation (meetings, conference, etc.), access security, comprehensive multimedia connections. The Arteor™ range meets all these expectations with perfect adaptability.

## LIGHTING ENVIRONMENT CONTROLLER



Control 3 lighting circuits and create the right lighting environment especially in conference and meeting rooms

### AUTOMATIC SWITCH



Switch on light only when needed - and switch it off automatically

### SKIRTING LIGHT WITH DETECTOR



Installed near obstacles it automatically provides more safety

### FINGERPRINT READER



The solution wherever an extra-high level of security is required

### RJ 45 SOCKET



High-performance access to data

### WI-FI ACCESS POINT



Wireless access to communication networks and the internet. For maximum mobility

## EXTERNAL UNIT



Allows the staff to see the room status at a glance

## INTERNAL UNIT



Allows customers to select the desired setting: "Don't disturb" or "Make up room"

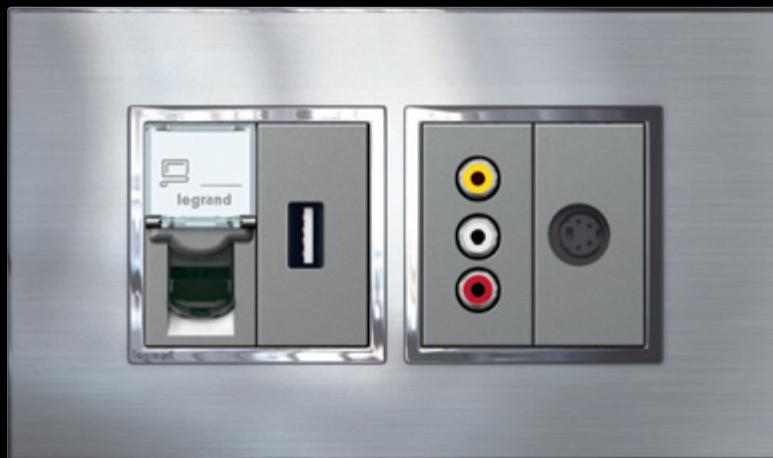
## BEDSIDE UNIT



The bedside unit provides everything travellers need to control blinds, curtains and lighting from a single point without having to get up

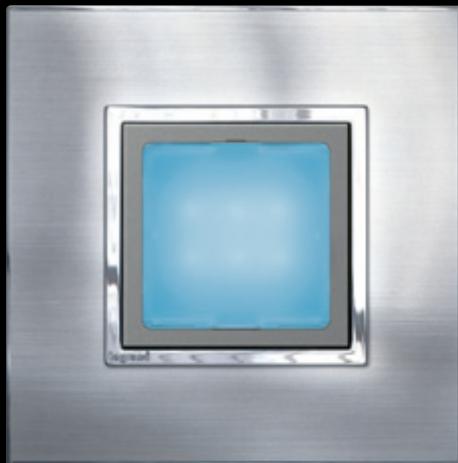
From the hotel room door to the bedside table, Arteor™ provides all the solutions for the specific needs of today's hotel industry. Comfort that extends to the hotel's communal areas, whether dedicated to relaxation or work.

## DATA AND MULTIMEDIA SOCKETS



Data and multimedia sockets provide easy access to the internet and allow to connect electronic devices such as MP3, digital cameras, portable dvd or laptops to the hotel TV system

## SOFT LIGHT DIFFUSER



Its soft, subdued light helps you to find your way in the dark but will not disturb your sleep

## MULTISTANDARD SOCKET



Enhances convenience for international customers as it allows connection without the use of an adaptor

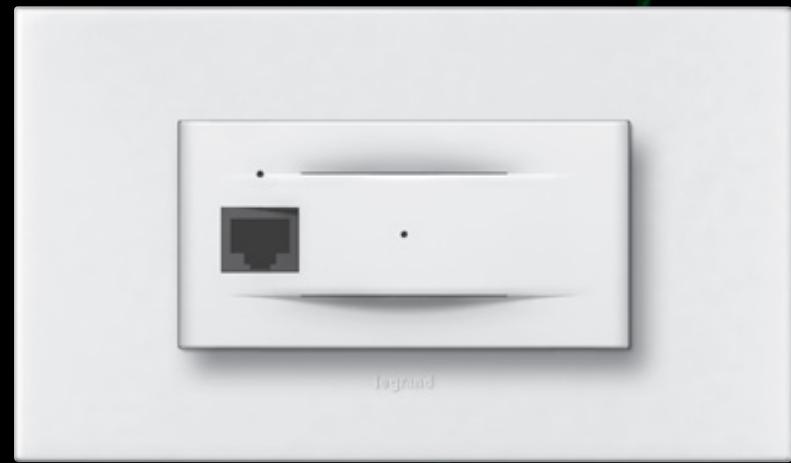
# Connect

## RJ 45



Data socket

## WI-FI ACCESS POINT WITH RJ 45 SOCKET



For wireless access to the internet and communication networks

## USB



For connection of USB devices (e.g. scanner-printer, external hard-disk). Brings connections closer to the user

## TV/R/SAT



For TV connection

New technologies, new connections. Arteor™ adapts to all the digital developments in order to guarantee complete reliability. Data sockets, Wi-Fi access points, TV, audio and video sockets... At your home or office, easily connect computers, TVs, MP3s, audio and video equipment.

### YUV



For analog high definition video connection of a DVD drive, plasma screen, video projector...

### 3 x FEMALE RCA



For the composite video and stereo audio connection of a DVD drive, camera, video recorder, video conference equipment...

### HDMI



For digital high definition video and audio connection of a PC monitor, plasma screen, video projector

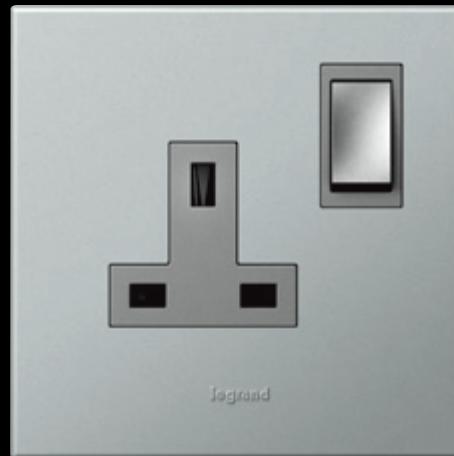
### HD 15 / JACK



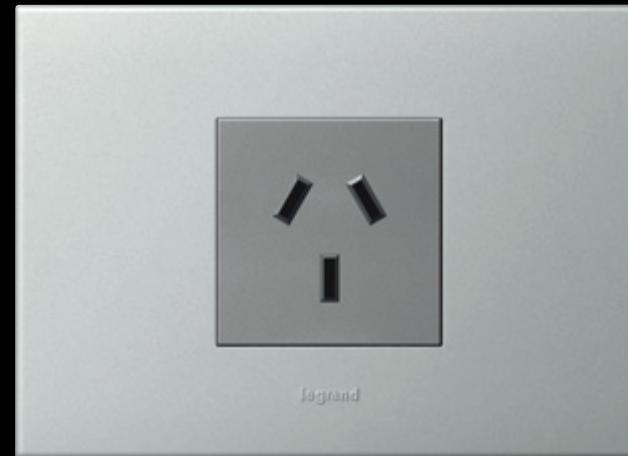
For analog video and audio stereo connection of a PC monitor to a plasma screen or video projector

# Adapt

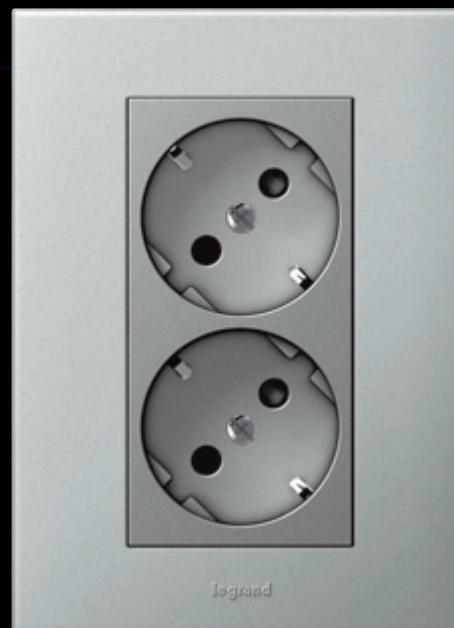
BRITISH STANDARD



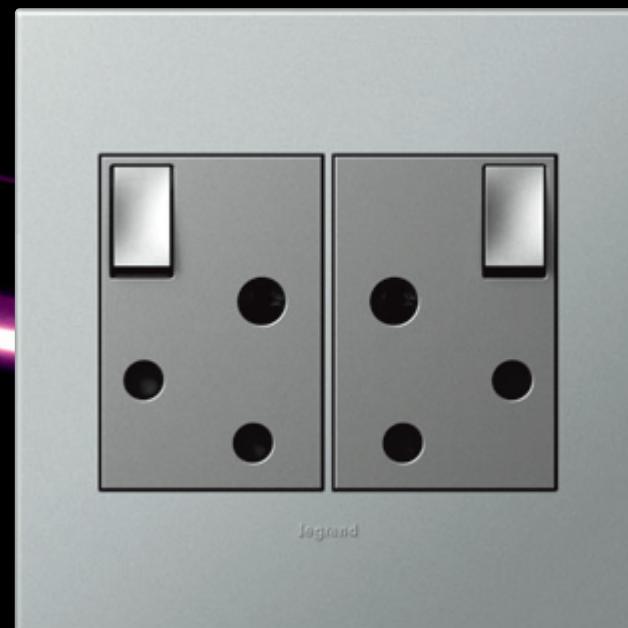
AUSTRALIA



KOREA

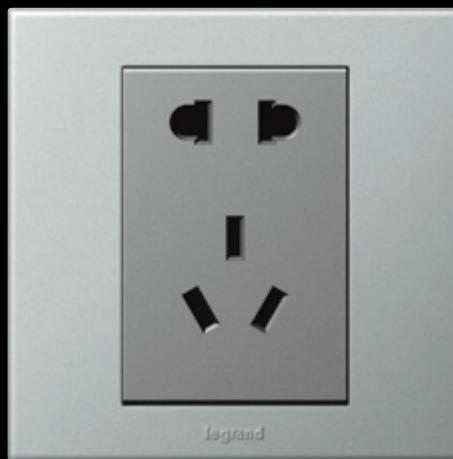


SOUTH AFRICA

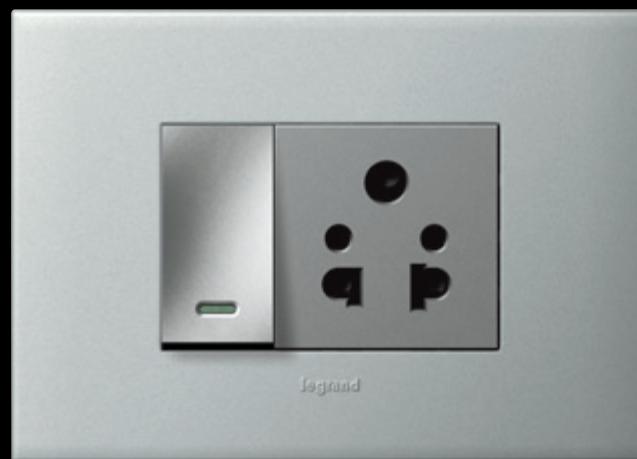


Designed to adapt to the majority of international standards, Arteor™ is the solution for all your projects, wherever they are in the world and whatever their destination: home, work, hotel...

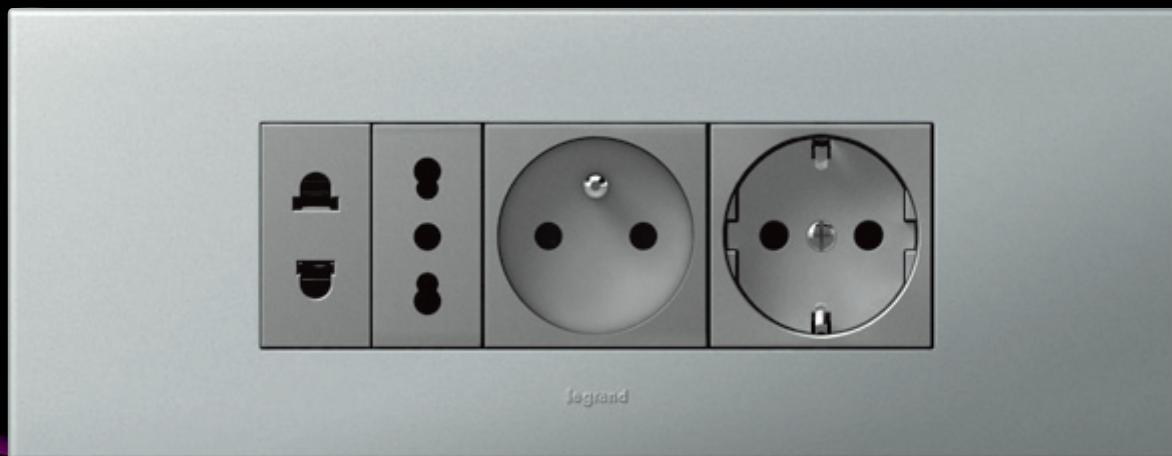
### EURO/US/CHINA



### INDIA



### MIXED



Euro/US, Italy, French and German standard

# SPACE WRITING

Tested by photographers as early as the first half of the 20<sup>th</sup> century, the purpose of Light Calligraphy is to capture the ephemeral.

Certain famous names from Contemporary Art have tried it, equipped with a torch...

Today, many refer to this movement inspired by graffiti and have developed their own techniques, based on a very specific set of gestures and complete mastery of the photographic processes. The flows presented in this piece are the work of the photographer Guillaume Béguin, who Legrand thanks for his contribution.

We would also like to thank the following for their valuable contribution:

LIGNE ROSET, LES ANNEES LUMIERES, SENTOU (Coffee table / Design Isamu NOGUCHI), EDIFICE ("Turner" Candlesticks / Design Xavier Lust, "Phoenix" Coffee table / Design Patricia Urquiola, "Brasilia" Coffee table / Design F. & H. Campana, "Diderot I" Vase / Design Mendini, "Koishi" Pouffe / Design Naoto Fukasawa), SILVERA (TATINO Pouffe, TECTONA Lamp, FEEL Chair, Puppies), EDRA ("Flap" Sofa), MANDARINA DUCK (For the luggage), LA MAISON DE L'ELEPHANT ("Gold Vase"), PAINTINGS (Laurent CAIROLI, FKDL - Franck DUVAL, Jean-Luc VALLEGAS).





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