

# Catalogue

# Global Network

L&S was born in 1977 in Maron di Brugnera, Italy. Thanks to its know-how, the Company has established its leadership position in the lighting industry in Italy and abroad.

The headquarters in Italy is located on a 14,000 sqm area. Over the years and with over 100 employees, L&S has become one of the leaders in the lighting manufacturing industry around the world.

The Company has a state-of-the-art photovoltaic system, allowing the Company to be totally off-the-grid.

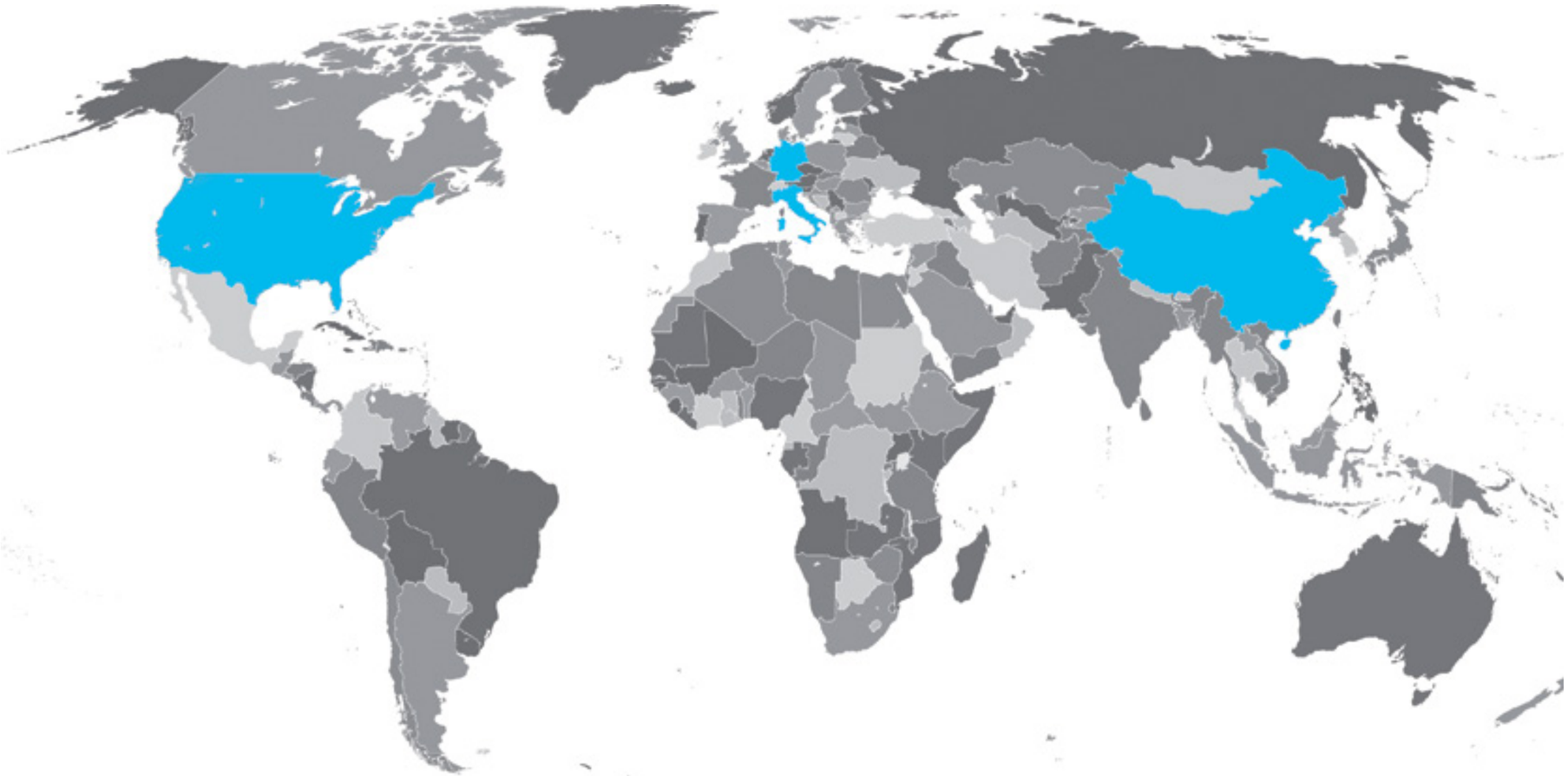
Continuous improvements in machineries and investments in new technologies, together with always up-to-date showrooms and office spaces, make L&S an ideal meeting point for customers, distributors and designers.

Over the last ten years, L&S has confirmed its presence in the international scene by opening three independent subsidiaries:
L&S GmbH in Germany in 2002; LS Lighting Equipment in Shanghai in 2006 and L&S Lighting Corp. in the US in 2010.

Thanks to its advanced technology and to its elegant designs, L&S is able to create unique fixtures that combine high luminosity, easy installation and compact fixtures.

By using the latest technology, energy-efficient components, safe operations and high standards of quality control, L&S has obtained ISO 9001 certification in 2001.

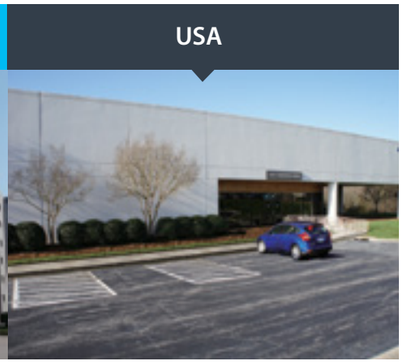
Positive responses by the customers make L&S extremely proud of its efforts in providing the best service and lighting solutions.




ITALY


GERMANY


CHINA


USA

# *Why LED Light?*

The introduction of LED light sources has brought several benefits to the market as compared to traditional lamps. These new sources have characteristics of high efficiency and duration. This allows savings in terms of maintenance, replacement lamps and energy consumption.

LEDs can have multiple sizes, wattages and shapes to suit the most complex design and decorative requirements. The light emitted can be of different shades and color rendering and does not radiate heat and UV rays so it is more versatile and more healthy for people.



### Color Temperature

LEDs produce the entire range of visible light without harmful UV, improving the natural color and quality of your products.

### Rich in Color

LEDs produce the entire range of visible light: filters are not necessary as used in traditional lamps. We are free to choose the perfect tone for a precise environment or a specific moment.

### LED is Sustainable

Energy and non-renewable resources are precious and fundamental for our future and LED production lowers their consumption. LEDs have minimal impact on the environment.

### Easy to Control

LED light source can make use of red, green, and blue colors, under the control of computer technology, to make the three colors with 256 gray scale. Any mix can produce a 256 × 256 × 256 = 16777216 colors to form different and dynamic light color combination and to achieve a variety of effects and images.

### Energy Saving

LED fixtures are much more efficient than others for the same light emission. They consume up to 90% less than the incandescent lights. LED means less pollution and less waste of resources.

### LED Application

Landscape Lighting Market, Auto Market, Backlight Market, Traffic Light Market, Indoor and Outdoor Largescreen Display, Special Lighting and Military use.

# *Emotion: Choose your atmosphere*

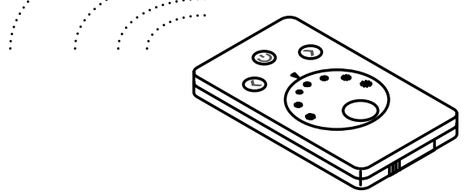


## *Color Temperature*

Color temperature refers to the relatively “warm” or “cold” appearance of light sources. Lights with a lower color temperature appear warmer and yellow while lights with a higher color temperature are cooler and blue.

L&S uses a careful BIN process for each solution and qualitative selection of LEDs based on each color temperature. The color range for each LED is determined so that the color temperature will remain constant.



“Emotion” is a technology designed by L&S to be used in showcases or cabinets, where it is necessary to change the color temperature. According to the products to light up, the color of the light can be adjusted from 2700K (warm white) to 6400K (cold white).

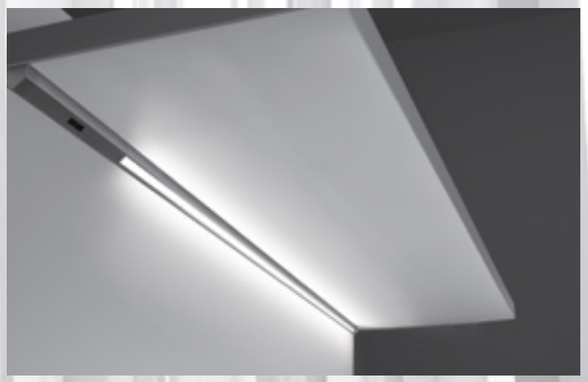
# LINEAR

**LED FOR L&S**
Thanks to its pioneer spirit in the use of LED light sources, L&S has developed in-depth knowledge and specialization in this field, enabling the company to constantly improve the quality of its products.
For L&S, quality not only means procuring the best components but also controlling the entire design and production process, driven by a unique 'made in L&S' outcome.



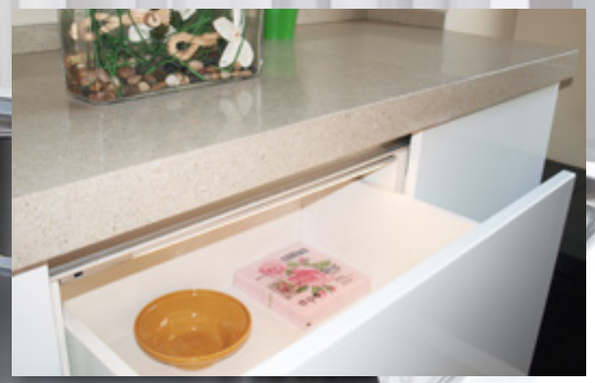
## MALINDI RECESSED LINEAR PROFILE

Recessed linear profile with a frosted diffuser for a soft lighting effect. Malindi can be equipped with Emotion technology with dimming effect and control of color temperature. It can also be equipped with an on/off touch sensor. Malindi comes in 760mm or 1,000mm widths and runs at 11 or 15 watts depending on the width.



## AIR LED DIRECTIONAL LINEAR PROFILE

Surface-mounted linear profile with an angled directional light. Air LED has a frosted diffuser for a soft lighting effect. It can be equipped with an on/off touch sensor. Air LED comes in 900mm or 1,200mm widths and runs at 11 or 18.5 watts depending on the width.



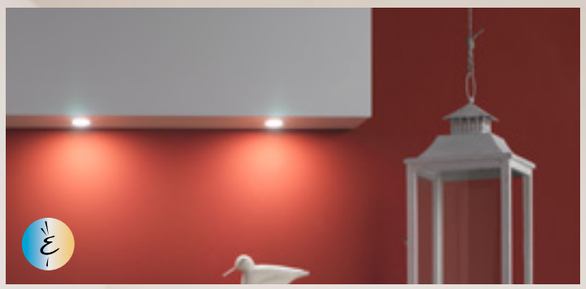
## AIR LED-C DRAWER LIGHT WITH SENSOR

Angled linear profile for drawer applications. Air LED-C has an integrated infrared sensor which switches the light automatically on and off when the drawer is opened and closed. Air LED-C comes in 563mm or 863mm widths and runs at 7 or 12 watts depending on the width.

# SPOT

**QUALITY OPTICS**
Lighting tools specifically designed for their respective application areas are the key for fascinating lighting concepts in architecture. L&S designs and builds optical elements that efficiently and precisely shape the light of both LEDs and conventional light sources, making that light predictable and usable.





## MOONLIGHT EMOTION SPOTLIGHT

Recessed LED spotlight with a frosted diffuser for a soft lighting effect. Moonlight can be equipped with Emotion technology with dimming effect and control of color temperature. It has 30 LEDs and comes in 12VDC, running at 3 watts and has a 4000k color temperature.



## PANLIGHT ADJUSTABLE SPOTLIGHT

Adjustable recessed LED spotlight with a frosted diffuser for a soft lighting effect. Panlight has an astonishing design for a built-in spotlight. It has 30 LEDs and comes in 12VDC, running at 3 watts and 4000k color temperature.



## JAZZ & BLUES STYLISH SPOTLIGHT

Surface-mounted LED spotlight with a frosted diffuser for a soft lighting effect. Jazz and Blues add style and flare to whatever area they are mounted on. Jazz comes in a suare body and Blues comes in a triangle body. Both have 9 LEDs and come in 12VDC, running at 1.8 watts and 4000k color temperature.




## KUOMI 1 & 2 VERSATILE SPOTLIGHT

Recessed LED spotlight without a frosted diffuser that creates a sharp lighting effect. Kuomi comes in two diameters. Kuomi 1 has a 50mm body size, 9 LEDs, 12VDC running at 1.1 watts and 4000k color temperature. Kuomi 2 has a 66mm body size, 15 LEDs, 12VDC running at 1.8 watts and 4000k color temperature

# ROOM

**INNOVATION YIELDS GROWTH**
L&S pursues innovation in all areas, such as mechanical processing, profile cutting, milling and prototyping with wire erosion machining. The introduction of a machining centre dedicated to laser cutting and engraving on plexiglass panels allows for developing and creating a series of special products for lighting applications.





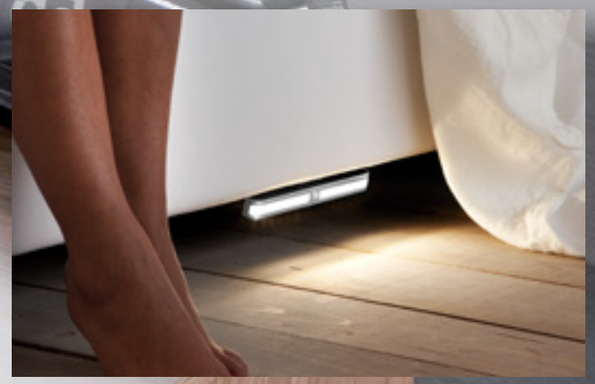
## FREE LED CLOTHES HANGER

Combined lamp-clothes rail in aluminum with high-efficiency LED lighting. Free LED can be equipped with an on/off infrared or motion sensor sensor. It comes in 540mm to 1,050mm widths and runs at 4 to 7.5 watts depending on the width.



## CAPRI INTEGRATED MOTION SENSOR

Recessed short aluminum profile with an angled directional light and an integrated motion sensor. Capri's shape allows a better spread of light. It is suitable for open wardrobes or inside of cabinets. Capri comes in 195mm width and runs at 2.4 watts.

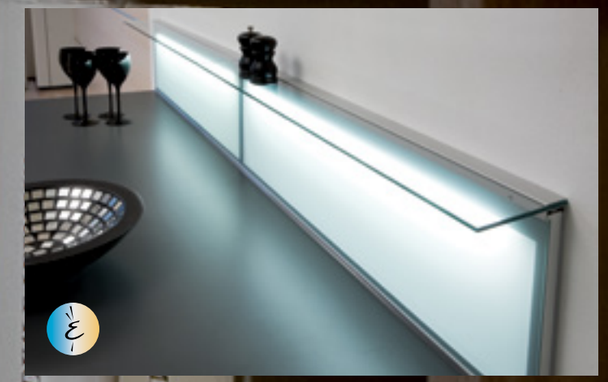


## SPACE LIGHT BEDROOM GUIDE LIGHT

Adjustable angled profile with motion sensor. Space Light guides the way as a night light being mounted on the bed frame or as a cabinet light inside the shelf. The follow-up time of the motion sensor is adjustable. Space Light runs at 0.9 watts and has a 3000k color temperature.

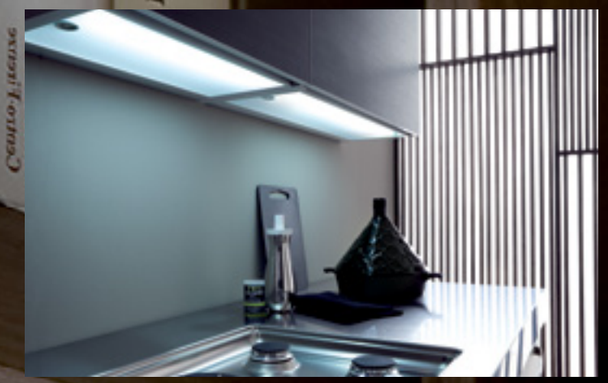
# GLASS

**RIGOUR AND SPECIALIZATION**
The Technical Department is the core and strength of L&S and is structured to guarantee the products' conception, efficiency and quality; each area has a dedicated team with specific expertise for overseeing each phase of the development process.



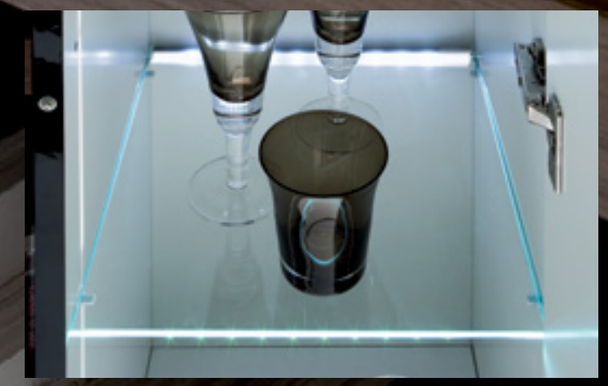
## ETERNITY ILLUMINATED BACKSPLASH

Illuminated glass and stainless steel backsplash with a built-in on/off touch sensor and socket. Eternity includes an upper horizontal glass extension that forms a shelf for practical applications. It can be equipped with Emotion technology and comes in 900mm or 1200mm widths.



## OREGON T5 ILLUMINATED PANEL

Illuminated glass and aluminum bottom panel that gives light to both the counter top and inside the cabinet. Oregon T5 includes the fixture for fluorescent tubes. It is suitable for wall cabinets in kitchens. Oregon T5 comes in 900mm and 1,200mm widths.



## FLY LIGHT ILLUMINATED SHELF

Aluminum profile with LED bars. Fly Light provides the lighting for front, top and bottom at the same time. It can be fixed on glasses with thickness varying from 6mm to 8mm. Fly Light comes in 412mm to 1,162mm widths and runs at 1.44 to 3.8 watts and has a 4000k color temperature.

# BATHROOM

## IRIS

High efficiency LED. Iris has IP44 protection against dust, solid objects and moisture. It is perfect for bathroom applications above medicine cabinets. Iris comes in 300mm width, 220VAC running at 5.5 watts and has a 4000k color temperature.

# RECHARGEABLE

## SMART

Rechargeable via USB, this light box functions without wires and attaches to surfaces with a simple magnetic plate. Smart is perfect for retrofitting of cabinets. It has an integrated motion sensor which offers a touchless activation of the unit when motion is detected. It comes in 5VDC running at 0.75 watts and has a 4000k color temperature.

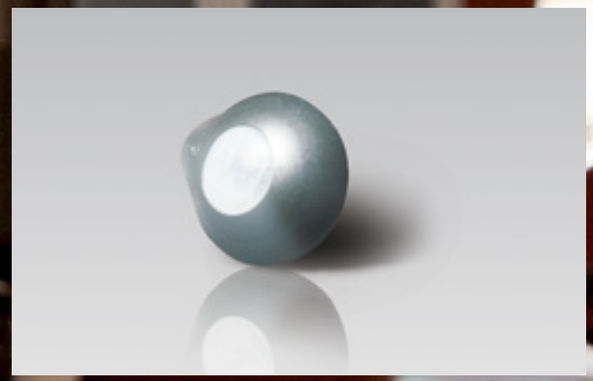
# CONTROL SYSTEM

**PROJECT MANAGEMENT**
Before a project is developed, a careful and in-depth analysis is conducted to determine what characteristics the product must have, that is, where it will be positioned, how much light it must emit, on which components it will be installed, and so forth. In essence: deadlines, costs, resources, purposes, quality.



## EMOTION REMOTE CONTROL

On/off switching for L&S products. The Emotion remote control changes the luminaries of the LEDs. The lights are dimmable to three brightness levels and it is now possible to continously change the color temperature of LEDs with Emotion technology. Emotion is applicable for Malindi, Moonlight and Eternity.



## MOTION SENSOR

On/off switching system with high sensitivity motion sensor for L&S LED devices with electronic power supply. Motion sensor is perfect for touchless activation of L&S products and will automatically turn off after a certain amount of time. The follow-up time of the motion sensor is adjustable.



## IR SENSOR

On/off switching system suitable for drawer or cabinet applications. The light automatically turns off when an object is in front of the IR sensor and turns on when the object is removed.



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