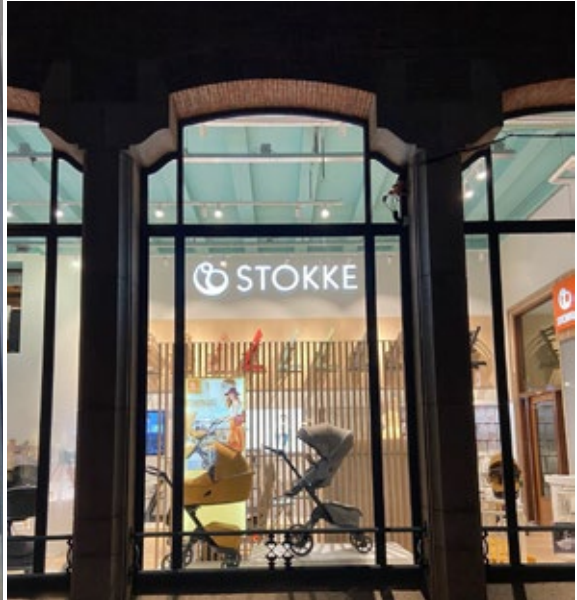


SIGNS & SOLUTIONS
SOLENEON
www.soleneon.com







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Soleneon has been operating in Italy and Europe for over 30 years, manufacturing LED illuminated signs for the design communication sector. The company strives to keep moving forward professionally, offering illuminating signs known for their quality at competitive prices.

About us





The focus on innovation and problem solving has enabled us to design and create products before the market needed them, thus making us able to meet clients' requirements when they arose and improve the service we provided. *Our attention to detail and innovation are at the core of our LED illuminated signs.*

Mission



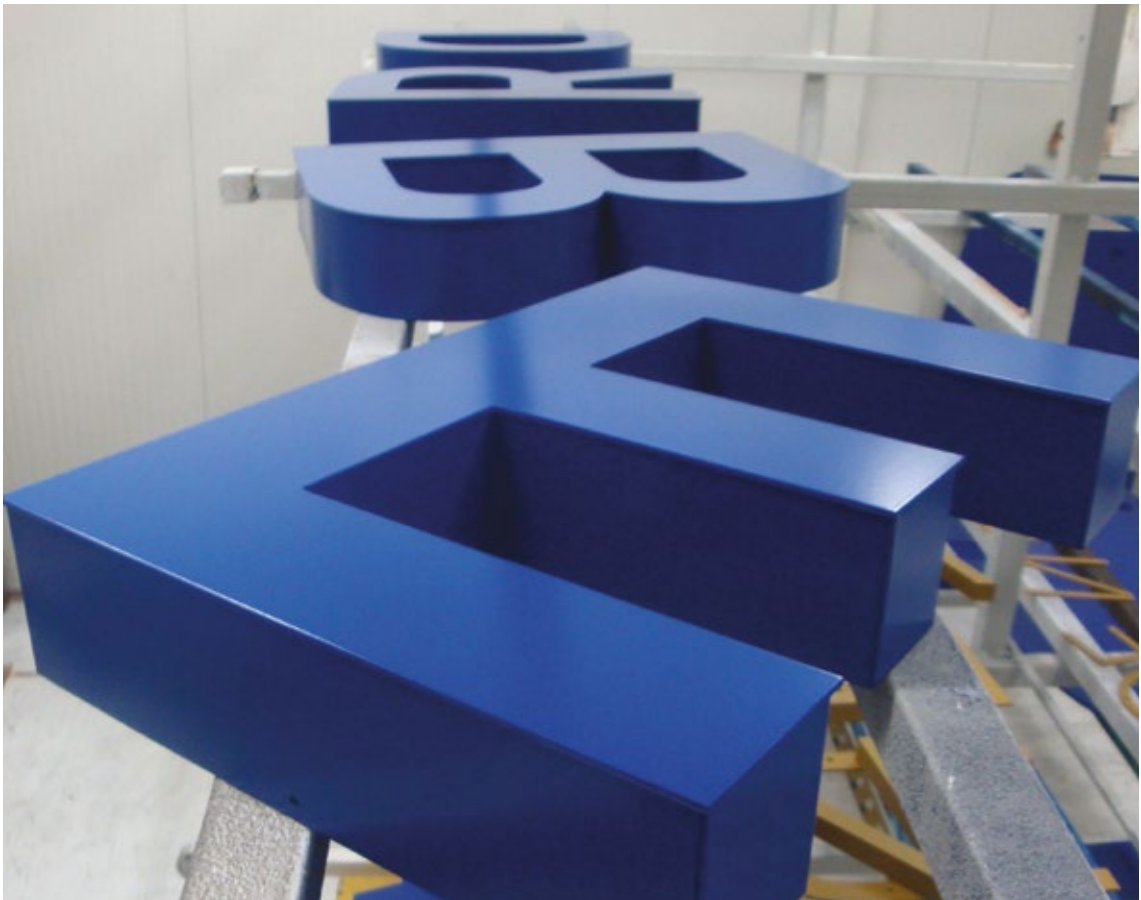




Illuminated signs can be a key part of company or brand communication, so whether you are looking to create new illuminated signs or update old ones, we can provide what you need. We can create signs as part of an internal ***company rebranding***, responding to a customer's need for rapid production and delivery times without losing quality.

Our expertise is not limited to illuminated signs, but also ***covers indoor and outdoor direction signs and signs for shows, exhibitions and the retail industry.***

The extreme flexibility and variety of services we provide, together with the production of non standardised LED signs has helped us to become one of the leading trade suppliers in the industry. Industry professionals outsource work to us because they know we can design and produce the illuminated signs they want to install directly at their client's premises or finish in their own workshops.



Clients

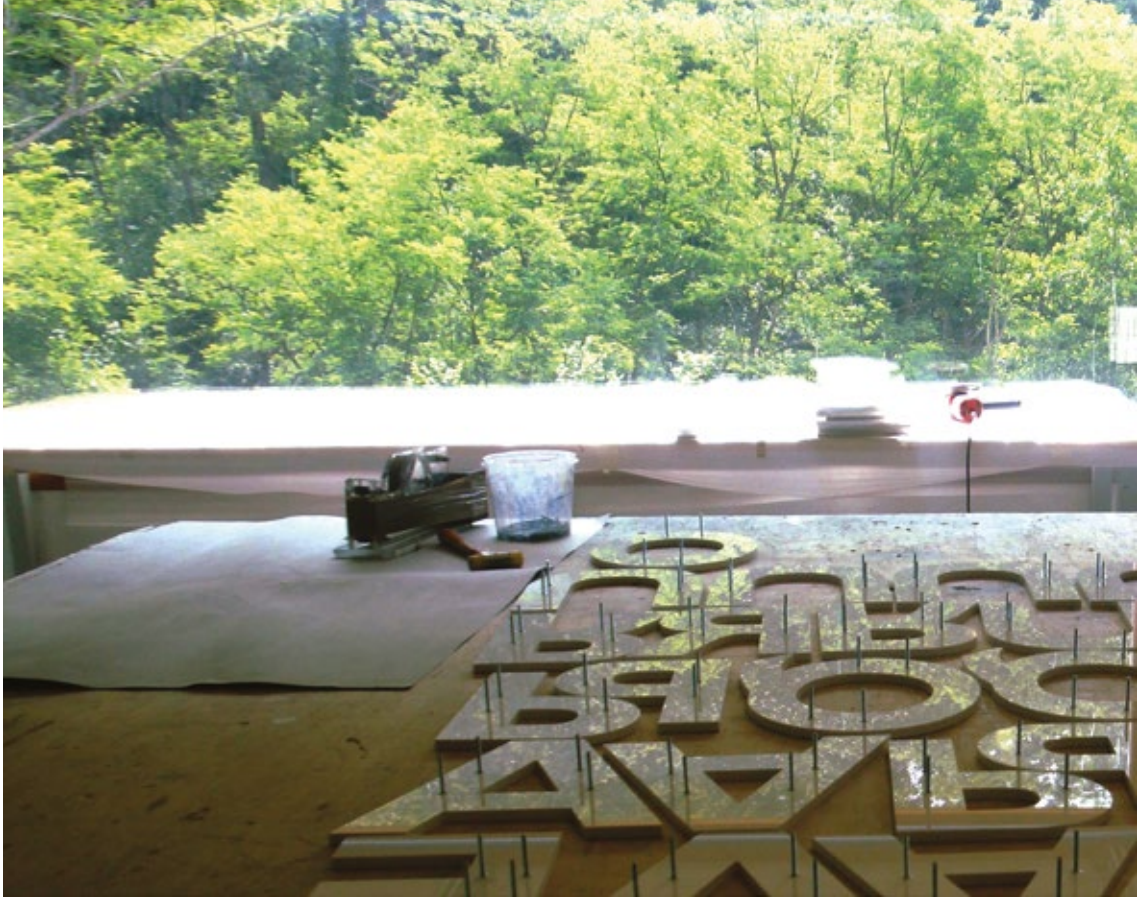




It is our mission to offer our clients innovative products which are functioned, always paying great attention to research and using eco-friendly material and energy saving components.

Products





All our painting processes are *environmentally friendly*, using paints that are suited to outdoor use.

Only top quality electrical components and materials are used.

- MeanWell – Tridonic AC/DC high efficiency power supplies, 5/7 year warranties
- LED IP65 modules with integrated optics: GE – Osram – Tridonic – Daehan 3/5 year warranties
- Plexiglas® - Altuglas® - Perspex® PMMA, at least 5 mm thick
- Forex® - LYX Foam self- extinguishing PVC, 10/13/19 mm thick
- AISI 304 and 316 stainless steel
- Aluminium, brass and copper

LED illuminated signs such as built up lettering, solid illuminated letters, lightboxes and illuminated signs on glass can be supplied with all the components needed for on-site installation, including the wiring and devices needed to control the level of lighting.

We can also deliver LED signs that need to be completed in a client's own workshop.

We are able, on request, to provide electrical designs for LED signs and structural calculations.

All of our signs use LEDs.

Built up letters

We produce patented built up letters using customised manufacturing technologies and top quality materials.

Our experience in lighting engineering design and creation enables us to produce different models of illuminated built up letters.

Our careful design and manufacturing processes ensure uniform lighting, energy savings and minimal maintenance.



Built up letters with edge and halo lighting

Built up letters with edge and halo lighting have watertight faces and sides.

They can be made in various materials.

The base is made of translucent polycarbonate or acrylic.



Built up letters with direct and/or halo lighting and metal sides.

The expansion joint between the acrylic face of the built up letters and the metal side is watertight. The combination of the face protruding slightly beyond the side and watertight joints guarantees any rainwater runs off immediately, leaving the face of the sign perfectly clean.



Built up letters with direct lighting and
metal sides on glass

The slim built-up letters have both back and sides in
varnished aluminum and the front in red (S) or white
(N) acrylic



Built up letters with halo lighting and the face and sides in different materials.

The backlit built up letters with halo lighting and the face and sides in different materials have precise shapes that are only possible because of the special bending technique developed by the company. This technique makes it is possible to create complex lettering in small sizes.

Such built up letters are ideal for the latest 3D graphic combinations.



Flat and built up letters with halo effect

The flat letters (S) with halo lighting are made of coated plastic or other materials.

The built up letters (N) with halo lighting are made of metal (aluminium, AISI Type 316 stainless steel, brass and copper).

Since the processes are fully computerised, products are completely uniform and perfect replication is possible, even years later.



Illuminated signs on glass

In 2003, our company patented LED illuminated sign on glass, allowing illuminated signs to be hung on shop windows.

Our LED illuminated signs on glass are testimony to the efficacy of such signs, proof that our designs and manufacturing have been able to meet the sophisticated demands of numerous brands seeking unconventional visual marketing at a point of sale.



Built up letters with direct lighting and
metal sides on glass

The slim built-up letters have both back and sides in
varnished aluminum and the front in red (S) or white
(N) acrylic



Direct light *illuminated signs on glass*
with individual letters.

The direct light illuminated signs on glass with solid acrylic individual letters come with or without translucent adhesives and are fastened on the outside of the window.

The LED light source container for individual letters is located inside the window.



Illuminated signs on glass with a non-translucent background and letters in relief

These illuminated signs on glass have a non-translucent background that is fastened on the outside of the window. It is made with matt adhesive or other materials. The S is solid acrylic, whilst the N has a translucent adhesive that produces an on and off effect.

The container for the LED light source is located inside the shop and has anti-fall safety systems.



Illuminated signs on glass with an illuminated background and letters in relief

These illuminated signs on glass have an illuminated background with a translucent adhesive that is attached to the outside of the window.

This means it has both an on and off effect.

The solid acrylic letters come with or without a metal finish adhesive.

The container for the LED light source is located inside the shop and has anti-fall safety systems.



Solid illuminated letters

The solid illuminated letters are acrylic, but carefully designed to allow the LEDs to dissipate heat and thus maintain constant lighting levels over time. The solid illuminated letters are produced to facilitate installation and reduce maintenance. Our solutions can also be used for signs with small and medium-sized letters.



Direct light *solid acrylic letters*

The solid acrylic built-up letters with lateral light are made of methacrylate (from 20 to 30 mm).

The LEDs, contained in the back of the face, uniformly dissipate their heat, keeping the luminous flux constant. This solution is ideal for solid letters up to 40 cm high.



Solid acrylic built-up letters with lateral light

From the combination of plexiglass and metal, luminous solid letters with box front are born. A harmonious product in its aesthetic form suitable for situations where attention to detail is fundamental.

The solid acrylic built-up letters with lateral light are made of methacrylate (from 20 to 30 mm) and shallow depth face in aluminium composite or built-up steel. The LEDs, contained in the back of the face, uniformly dissipate their heat, keeping the luminous flux constant. This solution is ideal for solid letters up to 40 cm high.



Direct light *solid acrylic letters* with metal sides

The direct LED light solid acrylic letters have a section under the letter in metal (aluminium, AISI Type 316 stainless steel, brass and copper), but this is kept to the minimum required height.

The heat from the LEDs in this metal section can dissipate, ensuring constant lighting levels over time. This solution is ideal for solid letters up to 40 cm high. The solid letters have no visible screws.



Solid acrylic built up letters with direct and halo lighting

The solid acrylic built up letters with direct and halo lighting have metal sides and watertight joints.

The combination of the face protruding slightly beyond the side and the watertight joints guarantees any rainwater runs off immediately, leaving the acrylic face perfectly clean.

This solution is ideal for solid built up letters up to 80/100cm.



Lightboxes

When making the LED lightboxes, the differing expansion of metals and acrylics is carefully calculated to ensure no problems arise from linear expansion.

We have an array of illuminated LED lightboxes, so we can meet numerous different communication business needs.



Lightbox with solid acrylic push through letters and a diamond effect

Metal is used for this lighted sign box with solid acrylic push through letters and a diamond effect.

The (S) effect is created using an illuminated shiny face and sides.

The (N) effect is created by increasing the illuminated surface at the push through point on the lightbox.

The face of the lettering is made with a metallic material and/or a non-translucent metal finish adhesive.

The solid acrylic letters are individual pieces that slot into the lighted sign box and are fastened using silicon and/or polyurethane adhesives.



Lightbox with opal acrylic push through letters

Metal (aluminium, AISI Type 316 stainless steel, brass and copper) is used for the lightbox with opal acrylic push through letters.

The (S) effect is illuminated on the face and sides, with or without a translucent adhesive.

The (N) effect is only illuminated on the sides.

The face is made with a non-translucent adhesive or metal, but is smaller than the letter to create the edge lighting effect.

The solid acrylic letters are individual pieces that slot into the lightbox and are fastened using silicon and/or polyurethane adhesives.



Lightbox with acrylic push through letters in low relief and with inlay

Metal (aluminium, AISI Type 316 stainless steel, brass and copper) is used for the LED illuminated sign box with acrylic push through letters in low relief and with inlay.

The (S) effect is illuminated on the face and sides, with or without translucent adhesives.

The (N) effect is illuminated and produced using an inlay technique.

The solid acrylic letters are individual pieces that slot into the lightbox and are fastened using silicon and/or polyurethane adhesives.



Shaped slim design *lightbox*

Shaped slim design lightbox

Conventional lighting techniques require a box that is at least 90 mm thick, but our innovative solution makes it possible to create thinner signs.

Using processed metal for the sides enables the LEDs to dissipate heat along the external perimeter.

The shaped slim design lightbox can be made in any shape. It is energy-efficient, with consumption of less than 50W/m², a third of conventional solutions.





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