PRODUCT CATALOGUE

3P ILLUMINATED SIGNS

3P ILLUMINATED SIGNS

3P – Illuminated Signs is a modern Czech company which has been one of the leading signage producers in the Czech Republic for many years. The company launched its business in 1993 and has gone through continuous dynamic development ever since. It invests in state-of-the-art technologies and production facilities as well as in the education of its employees. Today 3P has a team of 80 experienced craftsmen and professional management.

3P uses its own manufacturing facilities with practically all of the technology necessary for production. Thanks to its self-sufficiency, the company provides project support from manufacture to logistics and delivery, and guarantees a high quality of production as well as quality assurance and security in a long-term warranty. 3P has aimed to maintain the quality of its products on high aesthetic, technical and functional levels throughout its business.

3P provides a comprehensive range of services and products. Company professionals work with the principle, "Everything for the customer". This philosophy secured 3P an outstanding position in this area of the advertising industry, and the company intends to live up to its reputation. Such resounding names as Baumax, Renault, Dacia, Bauhaus, Kika, IKEA and many other respected, long-term clients in the EU can attest to the quality of 3P work.

In our corporation, there is no end to learning, development and innovation of manufacturing processes as we seek new, up-to-date working methods and inspiration in the design world in order to keep our production on the highest possible level. Since the very beginning of its inception, 3P has actively participated in specialized trade fairs and exhibitions in the Czech Republic and abroad, where it has obtained several awards for the best product of the year.

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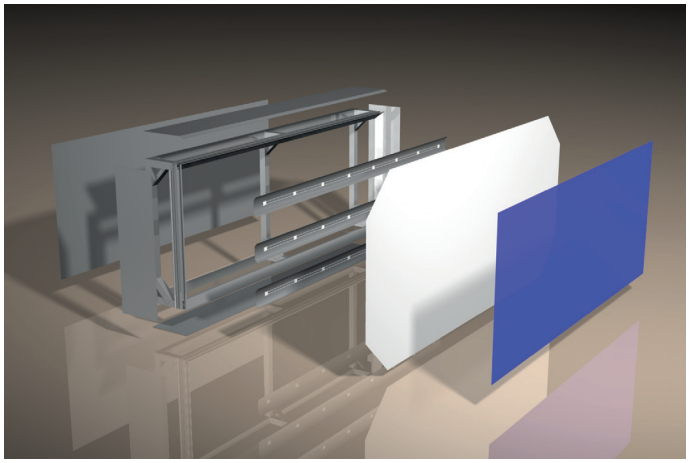
ILLUMINATED
SIGNS

ILLUMINATED PANELS

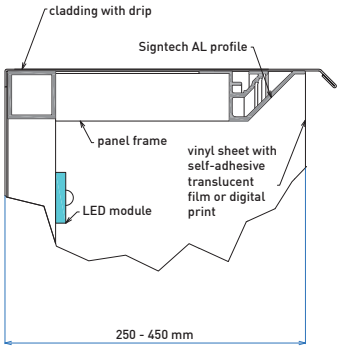
ILLUMINATED
SIGNS

FLEX FACE

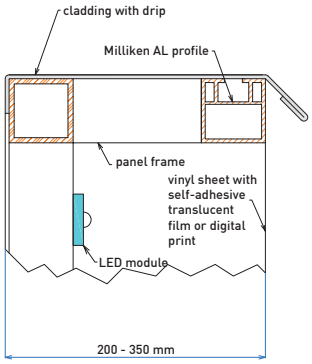
Design



Signtech



Milliken



Technical specifications

Panel material	aluminium
Face material	vinyl
Graphics	print, film
Light source	LED modules, fluorescent lamps
Colour of sides and back	RAL, customer preference
Panel dimensions (w. × h.)	
Signtech	from 1 × 1 to 10 × 40 m
Milliken	from 1 × 1 to 2 × 8 m
Panel depth	
Signtech	250 - 450 mm
Milliken	200 - 350 mm
Installation	façade, steel structure

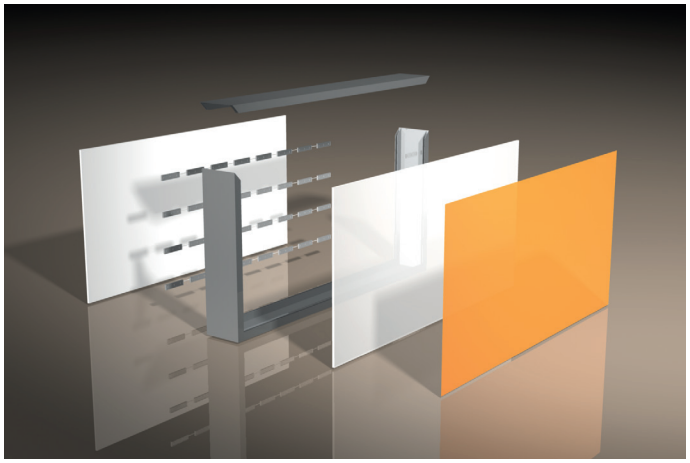
Potential use

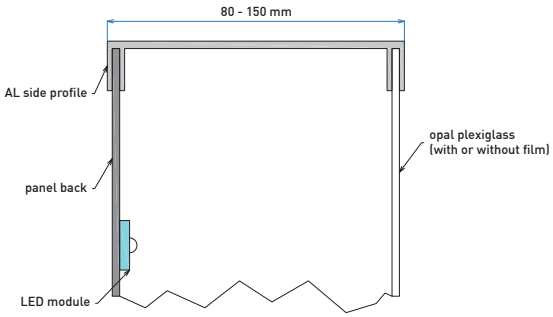
A common feature of illuminated signage used in the production of large illuminated areas. The advantages of flex technology consist particularly in the possibility of stretching a seamless face over a frame, combined with maximum weather proofing. The signage box consists of aluminium sides and a uniformly illuminated vinyl advertising sheet. The graphic design is implemented by translucent film or digital print. Backlit by LED modules or fluorescent lamps; single-sided or double-sided illumination.

Signage photographs

PLEXIGLASS FACE

Design





Technical specifications

Panel material	aluminium
Face material	opal plexiglass
Graphics	print, film
Light source	LED modules, fluorescent lamps
Colour of sides and back	RAL, customer preference
Panel dimensions (w. × h.)	
single-sided	from 0.5 × 0.5 to 4 × 1.5 m
double-sided	from 0.5 × 0.5 to 4 × 1.5 m
Panel depth	
single-sided	80 - 150 mm
double-sided	150 - 200 mm
Installation	façade, steel structure

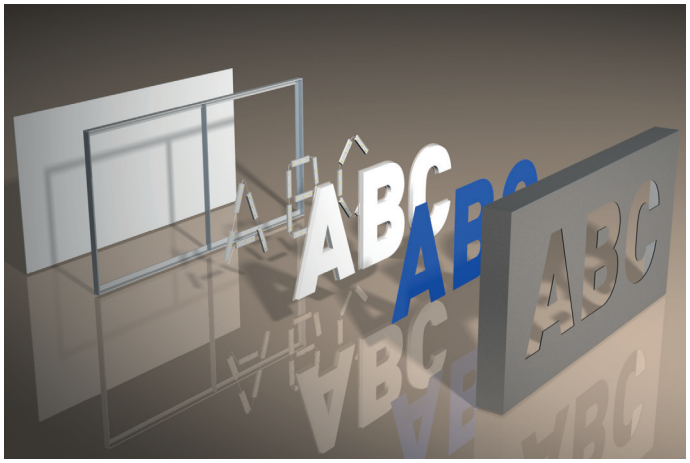
Potential use

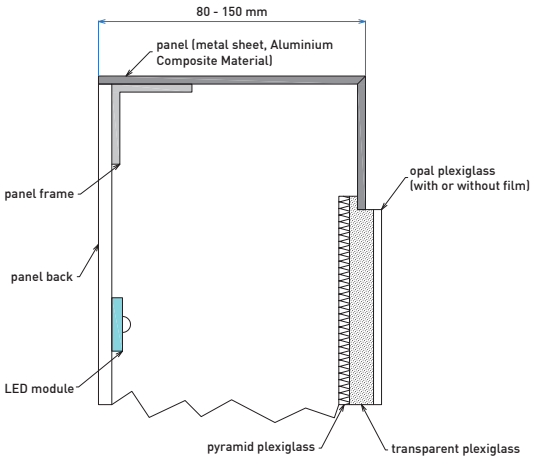
A basic effective feature of illuminated signage with versatile use, suitable for smaller applications with maximum dimensions of 4 m × 1.5 m. The signage box consists of aluminium sides and a backlit plexiglass surface. The graphic design is implemented by translucent film, digital print or screen print. A specific type is panels with vacuum-formed front surface, largely used in the HORECA industry (breweries). Backlit by LED modules or fluorescent lamps; single-sided or double-sided illumination.

Signage photographs

INLAY FACE

Design





Technical specifications

Panel material	aluminium, Aluminium Composite Material
Face material	inlaid plexiglass
Light source	LED modules, fluorescent lamps
Colour of sides and back	RAL, customer preference
Panel dimensions (w. × h.)	from 0.5 × 0.5 to 1.5 × 30 m
Panel depth	80 - 150 mm
Installation	façade, steel structure

Potential use

A modern, elegant feature of illuminated signage, suitable particularly for shop fronts and shopping malls. A pattern is milled out from the non-illuminated body of the box and inlaid with backlit plexiglass. Various effective solutions may be designed, depending on the thickness of the inlaid plexiglass, type of illumination and colour combination. Backlit by LED modules or fluorescent lamps; single-sided or double-sided illumination.

Signage photographs

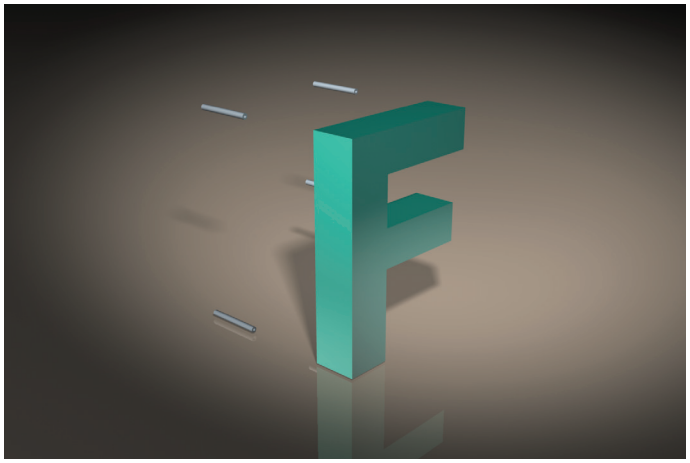
ILLUMINATED
SIGNS

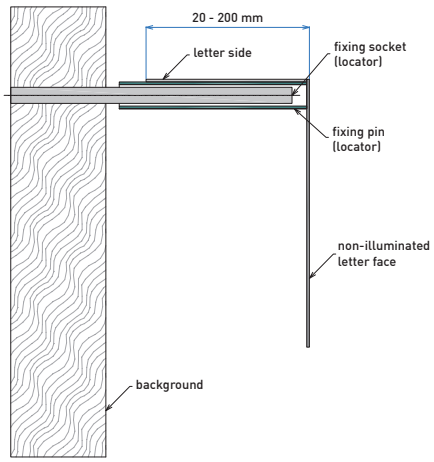
LETTERS

ILLUMINATED
SIGNS

PROFIL 1

Design





Technical specifications

Body material	aluminium, stainless steel
Body colour	RAL, customer preference
Face material	aluminium, stainless steel
Depth of characters	20 - 200 mm
Height of characters	0.3 - 2 m

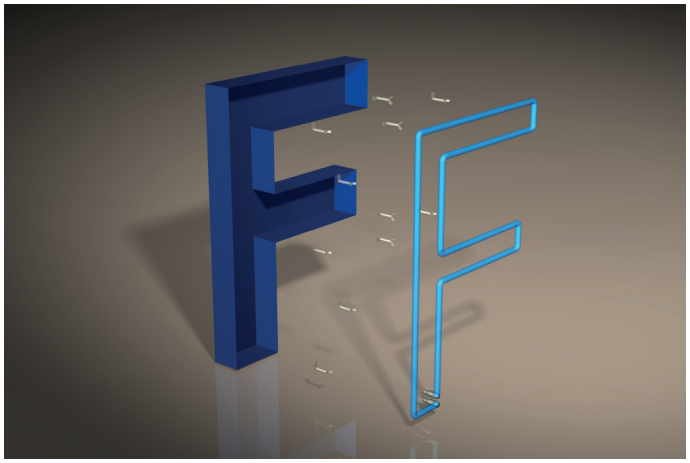
Potential use

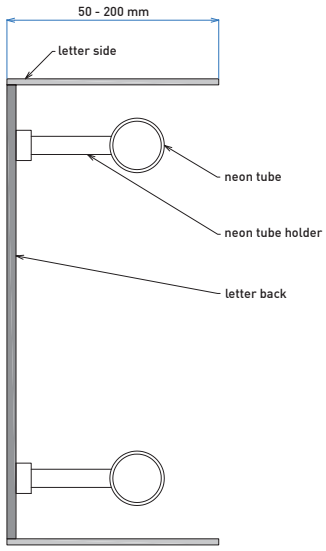
The least complicated type of lettering used as an elegant advertising element. Suitable especially for listed buildings and seats of cultural institutions. Generally non-illuminated. Traditional materials are preferred (stainless steel etc.).

Signage photographs

PROFIL 2

Design





Technical specifications

Body material	aluminium, stainless steel
Body colour	RAL, customer preference
Light source	neon
Depth of characters	50 - 200 mm
Height of characters	0.3 - 2 m

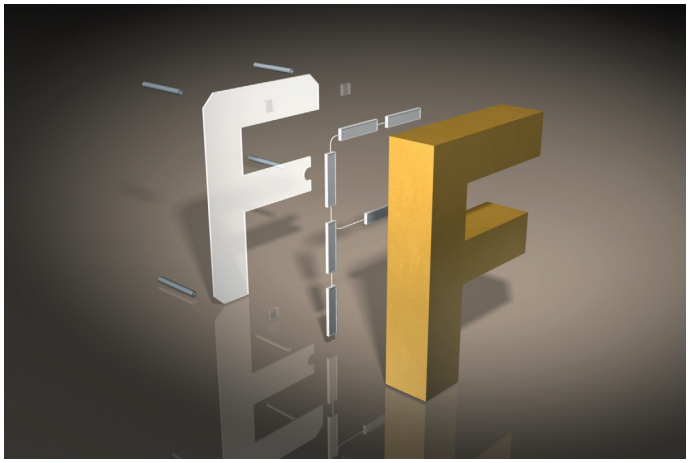
Potential use

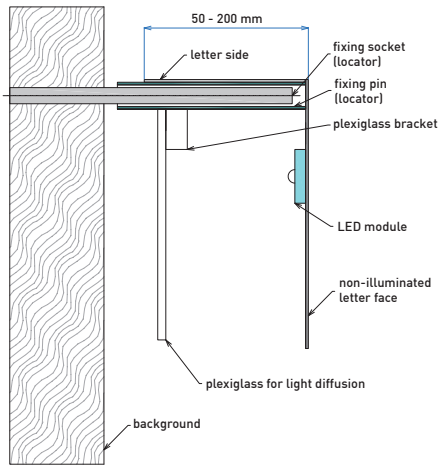
Attractive design using a visible neon line. Profile 2 is suitable as an interior ornamented sign. The neon line accentuates the contour of characters and creates a unique light effect that cannot be achieved by any alternative.

Signage photographs

PROFIL 3

Design





Technical specifications

Body material	aluminium, stainless steel
Body colour	RAL, customer preference
Face material	aluminium, stainless steel
Light source	LED modules
Depth of characters	50 - 200 mm
Height of characters	0.3 - 2 m

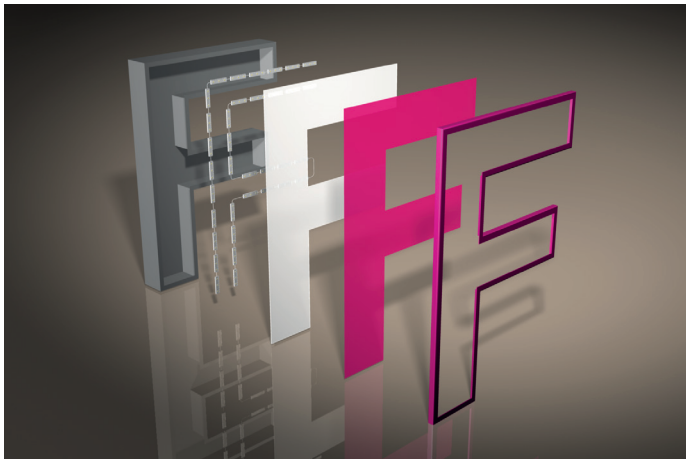
Potential use

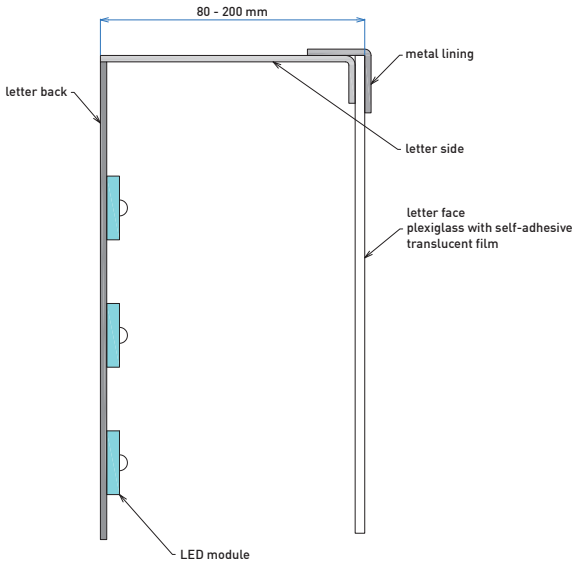
Effective letter design especially suitable for shopping malls. The letter body is offset by distance screws, and the light beam is directed to the background surface behind the letter; this design creates an appealing "halo effect". The intensity and extent of the radiance may be regulated by the type of light source used and the distance of the letter from the background surface. Lighting by LED modules.

Signage photographs

PROFIL 4

Design





Technical specifications

Body material	aluminium, stainless steel
Body colour	RAL, customer preference
Face material	plexiglass + film, coloured plexiglass
Lining	aluminium, stainless steel
Light source	LED modules, fluorescent lamps
Depth of characters	80 - 200 mm
Height of characters	1.2 - 2 m

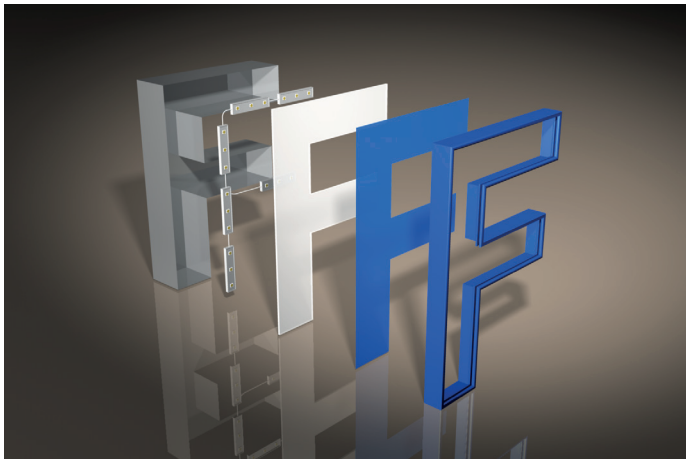
Potential use

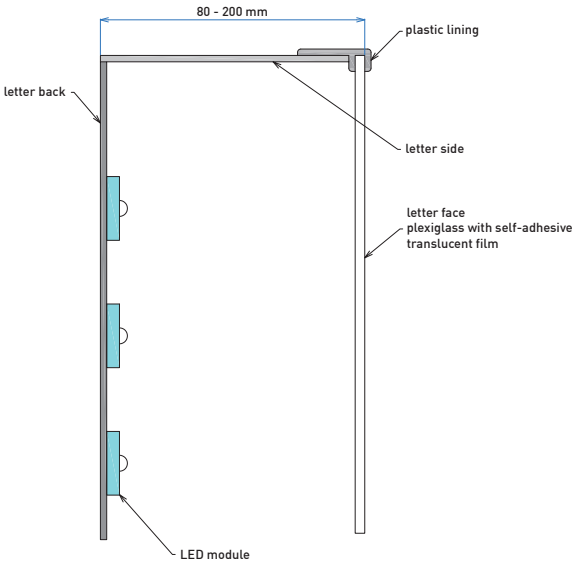
A basic type of illuminated lettering used particularly as a means of identification; ideal for exterior visual communication. The body of letters consists of metal sides and back in combination with the plexiglass face. The backlit face area is connected to the sides by an aluminium frame – AL lining. Profile 4 is ideal for large characters higher than 1,200 mm. Lighting by LED modules.

Signage photographs

PROFIL 5

Design





Technical specifications

Body material	aluminium, stainless steel
Body colour	RAL, customer preference
Face material	plexiglass + film, coloured plexiglass
Lining	PVC
Light source	LED modules
Depth of characters	80 - 200 mm
Height of characters	0.3 - 1.2 m

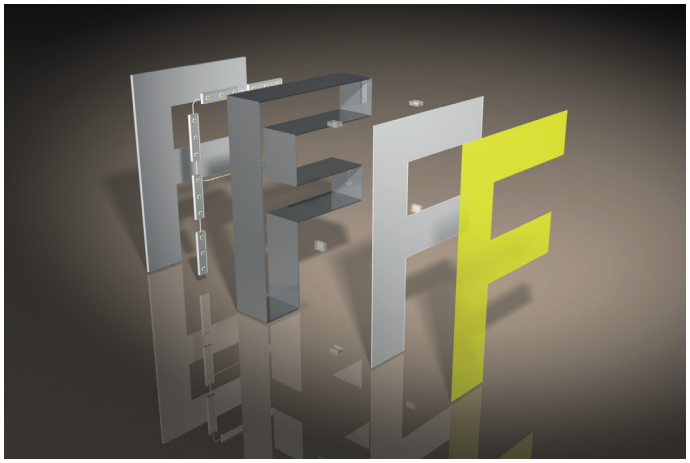
Potential use

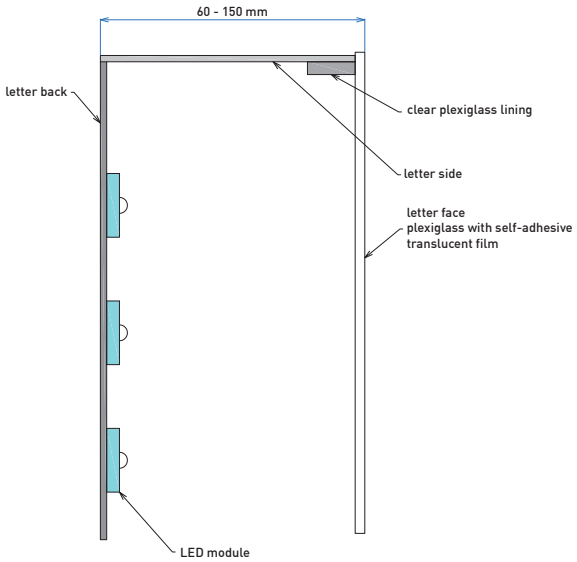
A basic type of illuminated lettering used particularly as a means of identification; ideal for exterior visual communication. The body of letters consists of metal sides and back in combination with the plexiglass face. The backlit face area is connected to the sides by a plastic lining. Profile 5 is suitable for a maximum height of 1,200 mm. Lighting by LED modules.

Signage photographs

PROFIL 6

Design





Technical specifications

Body material	aluminium, stainless steel
Body colour	RAL, customer preference
Face material	plexiglass + film, coloured plexiglass
Light source	LED modules
Depth of characters	60 - 150 mm
Height of characters	0.3 - 1 m

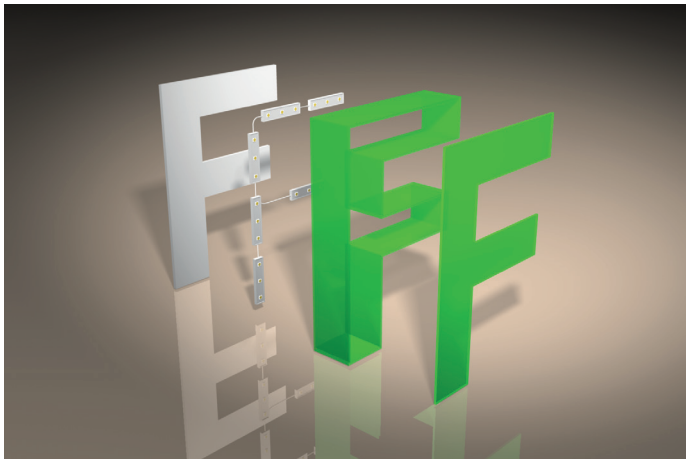
Potential use

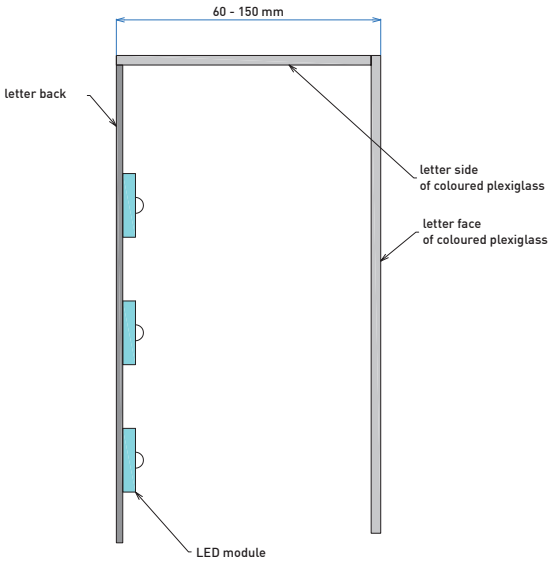
An elegant type of illuminated lettering, characterized by good visibility of the whole plexiglass face. Suitable for narrow letter types, frequently used in shopping malls. Metal sides and back are connected with the plexiglass face by special adhesive technology. This version gives a refined impression and enables illumination of the entire face surface. Lighting by LED modules.

Signage photographs

PROFIL 8

Design





Technical specifications

Body material	coloured plexiglass
Body colour	according to plexiglass
Face material	coloured plexiglass
Light source	LED modules
Depth of characters	60 - 150 mm
Height of characters	0.3 - 1 m

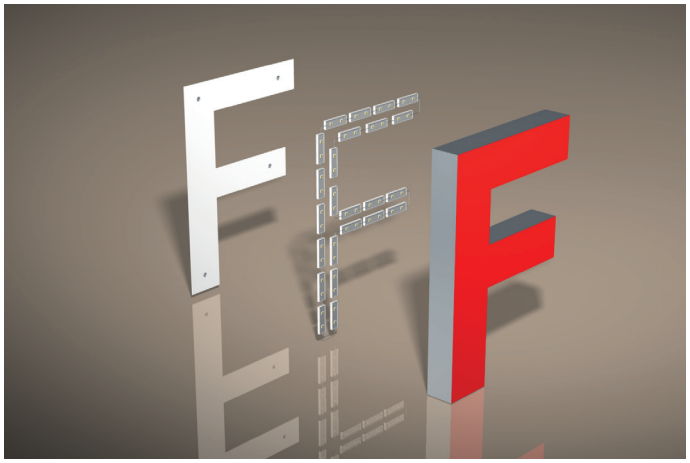
Potential use

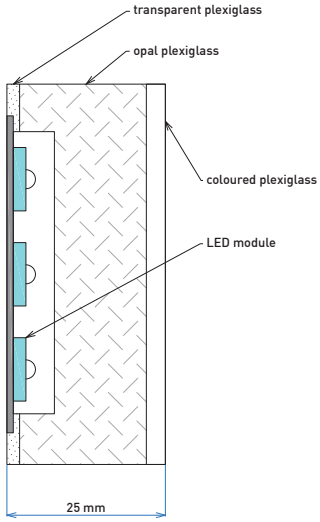
An effective type of illuminated lettering widely used in shopping malls as well as exterior business signs. A specific type of characters with illuminated face and sides. The body is formed by gluing together of plexiglass parts. Different colours of plexiglass may be combined creating interesting colour effects. Lighting by LED modules.

Signage photographs

PROFIL 9

Design





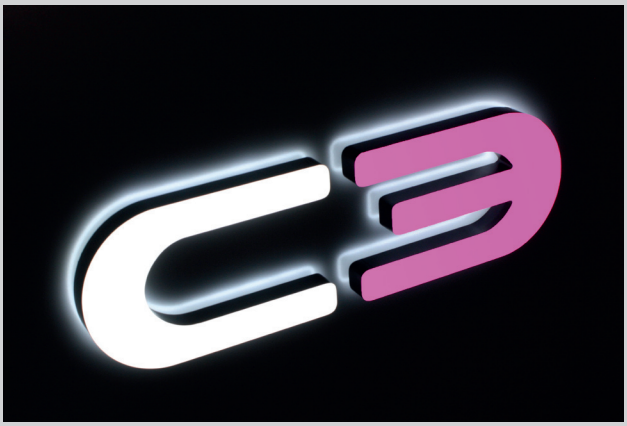
Technical specifications

Body material	plexiglass joined with an adhesive
Body colour	RAL, customer preference
Face material	coloured plexiglass
Light source	LED modules
Depth of characters	25 mm
Height of characters	0.12 - 0.5 m

Potential use

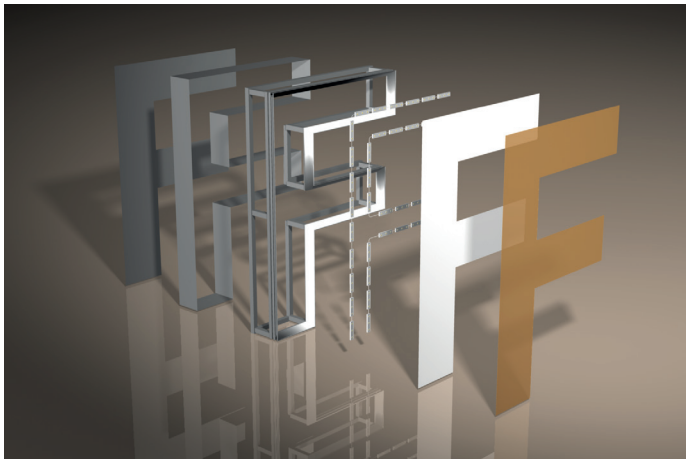
Perfectly refined and elegant plexiglass letters manufactured by timeless technology. Minimal body depth gives luxurious illumination of entire areas. The letters are exclusively designed for interior use. Suitable for receptions and corporate premises. Lighting by special LED modules.

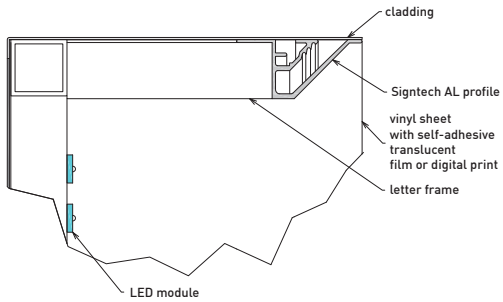
Signage photographs



PROFIL 10

Design





Technical specifications

Body material	aluminium
Body colour	RAL, customer preference
Face material	vinyl
Light source	LED modules, fluorescent lamps
Depth of characters	200 - 450 mm
Height of characters	2 - 6 m

Potential use

A specific type of lettering using Signtech technology represented in giant signs. The advantages of the flex technology consist primarily in stretching the advertising sheet without any joints. The sign consists of aluminium sides and an advertising vinyl sheet which is uniformly illuminated. The graphic design is implemented through translucent film or digital print.

Signage photographs

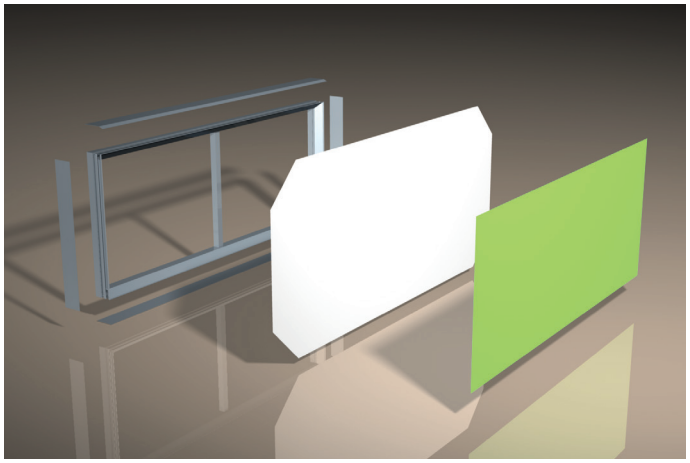
ILLUMINATED
SIGNS

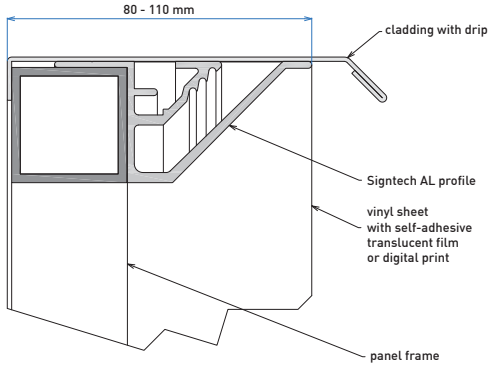
NON-ILLUMINATED SIGNAGE

ILLUMINATED
SIGNS

FLEX SIGNAGE

Design





Technical specifications

Panel material	aluminium
Colour of sides and back	RAL, customer preference
Face material	vinyl
Graphics	print, film
Panel dimensions (w. × h.)	from 1 × 1 to 10 × 40 m
Panel depth	80 - 110 mm
Installation	façade, steel structure

Potential use

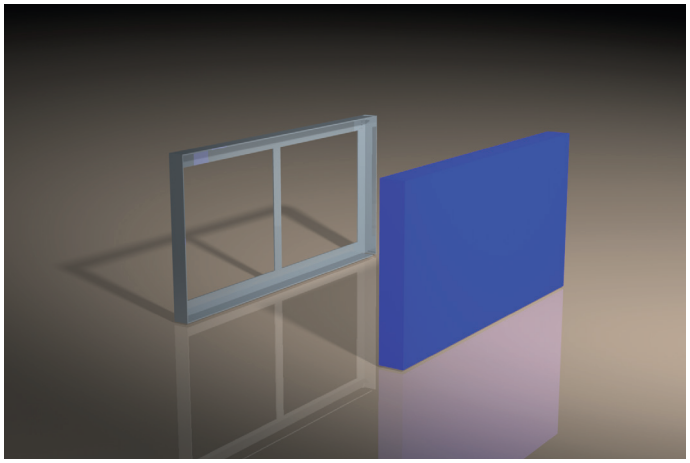
A signage feature mainly used as a background surface behind an illuminated sign or as an advertising medium lit from the outside. It is usually used in places where the degree of lighting is limited by statutory regulations. The flex version is particularly suitable for large advertising signs. Its biggest advantages are uniformity of surface without joints and the maximum weather resistance. These types of signs are usually furnished with external illumination.

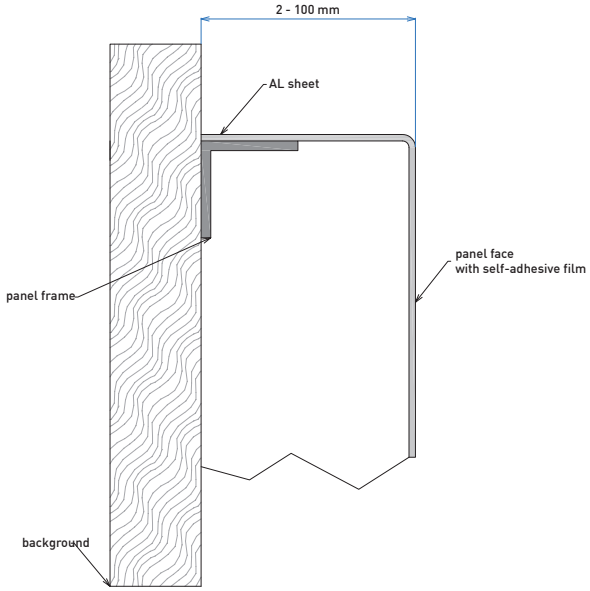
Signage photographs

NON-ILLUMINATED SIGNAGE

SOLID SIGNAGE – SHEET METAL

Design





Technical specifications

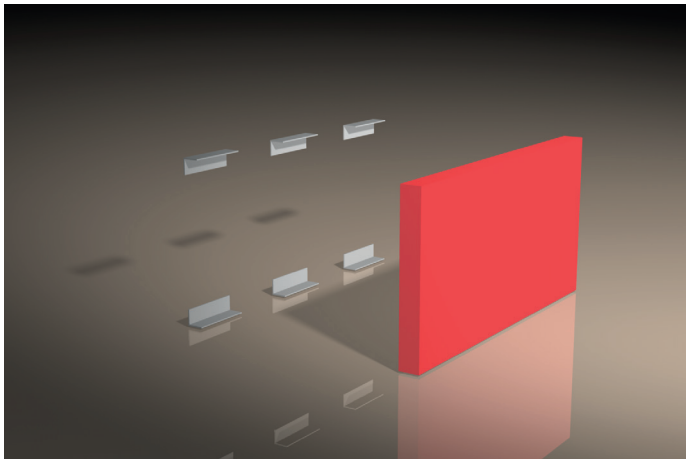
Panel material	aluminium
Colour of sides and face	RAL, customer preference
Graphics	print, film
Panel dimensions (w. × h.)	customer preference
Panel depth	2 - 100 mm
Installation	façade, steel structure

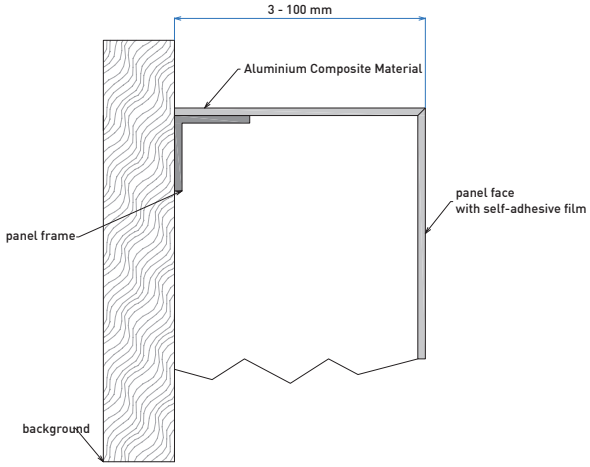
Potential use

A signage feature mainly used as a background surface behind an illuminated sign or as an advertising medium lit from the outside. It is usually used in places where the degree of lighting is limited by statutory regulations. Metal sheet signs in standard colours or covered with film are often used on building façades. These types of signs are usually furnished with external illumination.

Signage photographs

Design





Technical specifications

Panel material	Aluminium Composite Material
Colour of sides and face	according to Aluminium Composite Material
Graphics	print, film
Panel dimensions (w. × h.)	customer preference
Panel depth	3 - 100 mm
Installation	façade, steel structure

Potential use

A signage feature mainly used as a background surface behind an illuminated sign or as an advertising medium lit from the outside. It is usually used in places where the degree of lighting is limited by statutory regulations. Aluminium Composite Material signs in standard colours or covered with film are often used on building façades. These types of signs are usually furnished with external illumination.

Signage photographs

ILLUMINATED
SIGNS

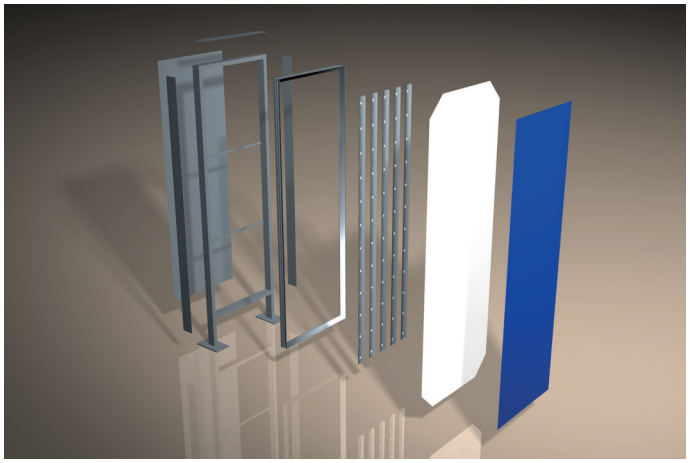

Olympia
kika
GUESS
BY MARCIANO
UNITED COLORS
OF BENETTON.
VAGABOND
TALLY WEiJL

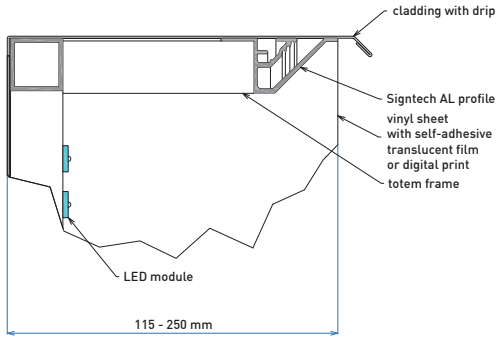
TOTEMS

ILLUMINATED
SIGNS

FLEX FACE

Design





Technical specifications

Design	straight
Frame material	steel, aluminium
Face material	vinyl
Colour of cladding	RAL, customer preference
Graphics	print, film
Panel dimensions (w. × h.)	from 1 × 2 to 2 × 8 m
Light source	LED modules, fluorescent lamps
Installation	bases / embedded

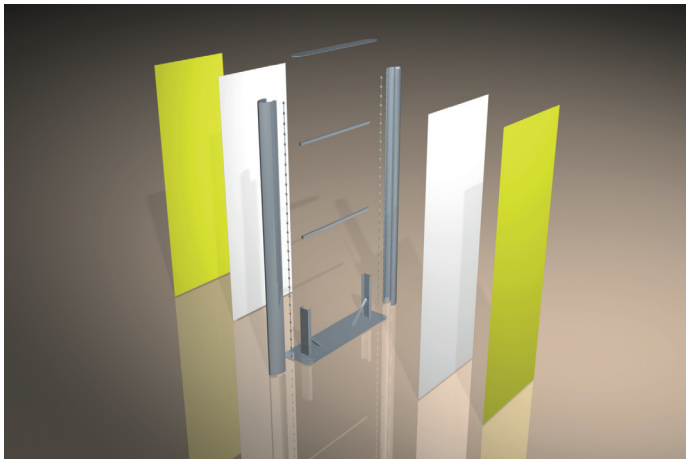
Potential use

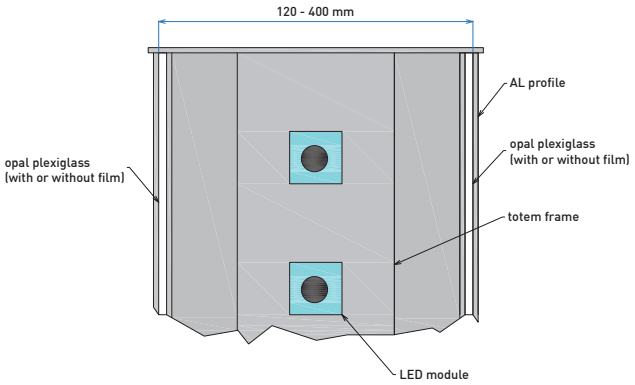
Totems represent the main element of exterior illuminated signage. Their outstanding features are the possibility of use as two advertising surfaces in one product with a stable connection to the ground. Totems are suitable as part of an orientation system in industrial parks, shopping centres and large business premises. The flex type is used for totems with large faces. Vinyl sheet with film graphics or print is stretched over aluminium sides. Lighting by LED modules or fluorescent lamps.

Signage photographs

PLEXIGLASS FACE

Design





Technical specifications

Design	straight / convex
Frame material	steel, aluminium
Face material	plexi
Colour of cladding	RAL, customer preference
Graphics	print, film
Panel dimensions (w. × h.)	from 1 × 2 to 2 × 15 m
Light source	LED modules, fluorescent lamps
Installation	bases / embedded

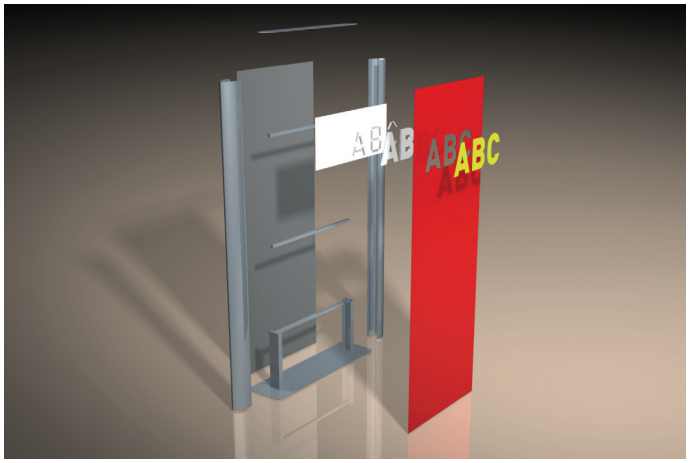
Potential use

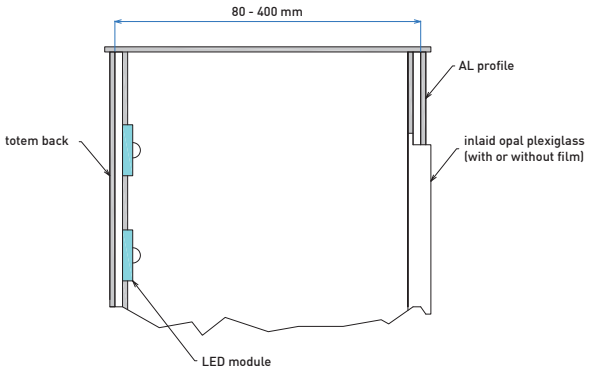
Totems represent the main element of exterior illuminated signage. Their outstanding features are the possibility of use as two advertising surfaces in one product and a stable connection to the ground. Totems are suitable as part of an orientation system in industrial parks, shopping centres and large business premises. The most common type is a plexiglass totem with aluminium sides. The face and back advertising surface is made of opal plexiglass with film or printed graphics. Lighting by LED modules or fluorescent lamps.

Signage photographs

INLAY FACE

Design





Technical specifications

Design	straight / convex
Frame material	steel, aluminium
Face material	aluminium, Aluminium Composite Material
Colour of cladding	RAL, customer preference
Graphics	inlaid plexiglass, film
Panel dimensions (w. × h.)	from 1 × 2 to 2 × 15 m
Light source	LED modules, fluorescent lamps
Installation	bases / embedded

Potential use

Totems represent the main element of exterior illuminated signage. Their outstanding features are the possibility of use as two advertising surfaces in one product and a stable connection to the ground. Totems are suitable as part of orientation system in industrial parks, shopping centres and large business premises. This elegant type is particularly suitable for design products. The front surface is made of coloured metal sheet with the possibility of inlay. Lighting by LED modules or fluorescent lamps.

Signage photographs

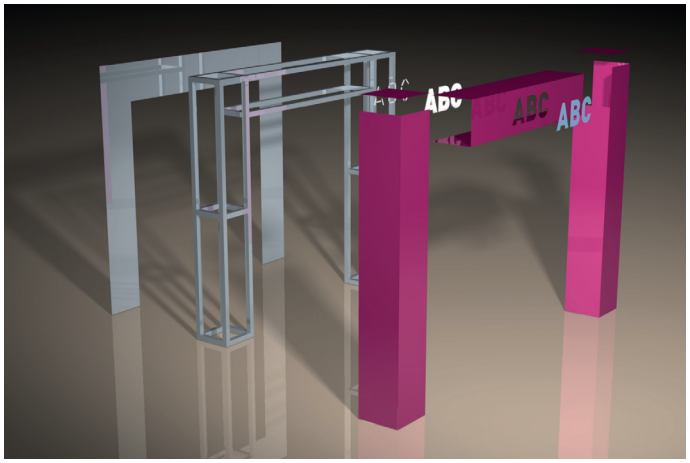
ILLUMINATED
SIGNS

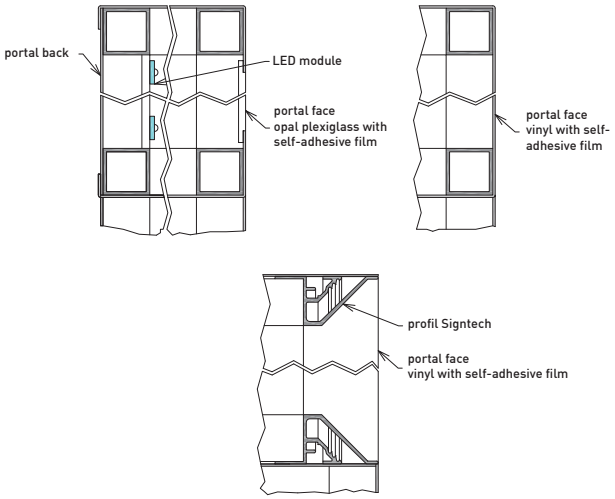
PORTALS

ILLUMINATED
SIGNS

PORTALS

Design





Technical specifications

Frame	steel, aluminium
Face material	vinyl, aluminium, Aluminium Composite Material
Graphics	print, film , inlaid plexiglass
Colour of cladding	RAL, customer preference
Depth	customer preference
Panel dimensions (w. × h.)	customer preference
Light source	LED modules, fluorescent lamps
Installation	bases, embedded, onto the façade

Potential use

An entrance portal is a functional feature combining advertising and architectural properties. It serves as an entrance to individual shops or shopping centres. The basis of each portal is a steel structure. The main types in a wide range of designs include plexiglass, flex and sheet metal portals with the possibility of inlaid inscriptions. Single-sided or multi-sided illumination by LED modules or fluorescent lamps.

Signage photographs

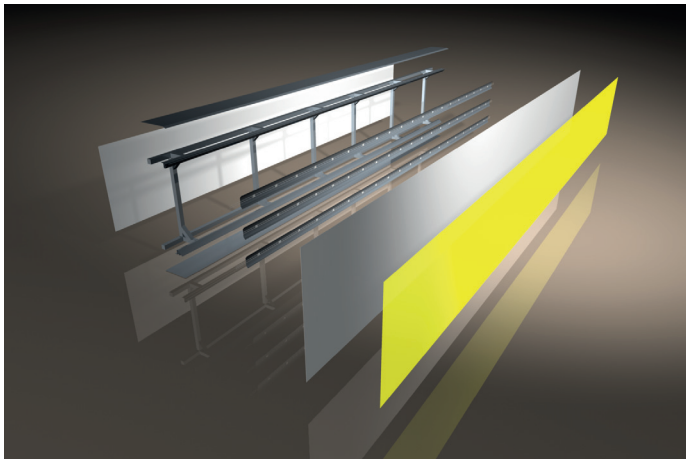
ILLUMINATED
SIGNS

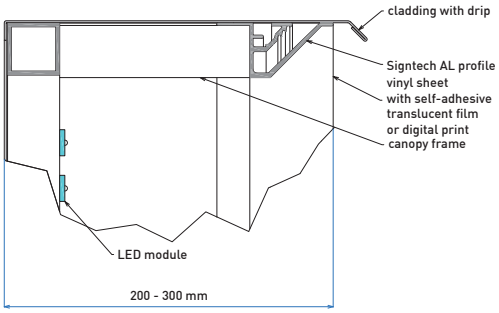
CANOPIES AND FASCIAS

ILLUMINATED
SIGNS

FLEX FACE

Design





Technical specifications

Frame material	aluminium
Frame colour	RAL, customer preference
Face material	vinyl
Graphics	print, film
Depth	200 - 300 mm
Panel dimensions (w. × h.)	from 0.5 × 5 to 1.5 × 50 m or more
Light source	LED modules, fluorescent lamps
Installation	façade, steel structure

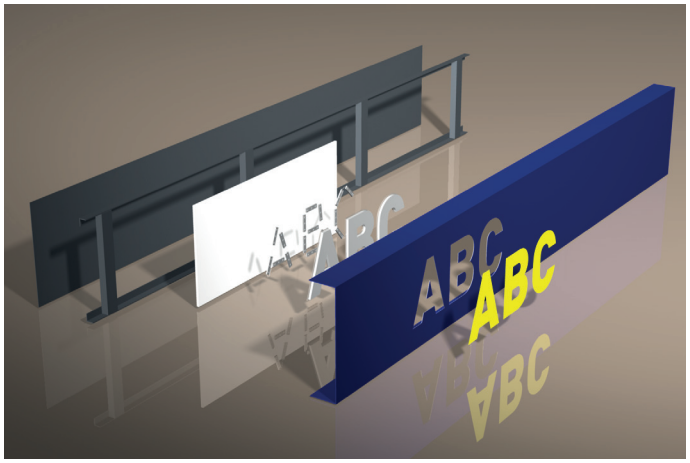
Potential use

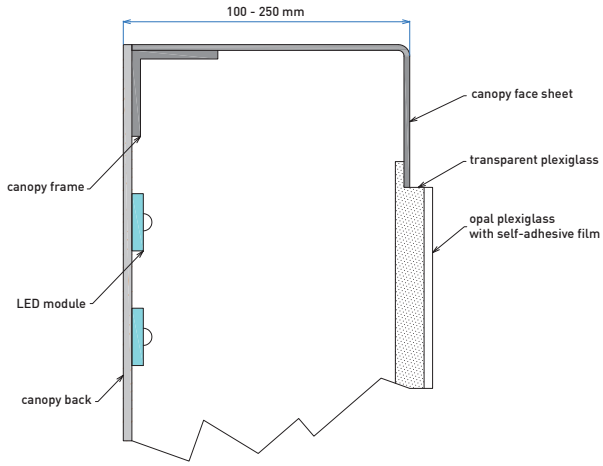
Advertising canopies in combination with fascias form a final touch in the architecture of building façades and petrol stations. An excellent type of illuminated canopy is flexible (vinyl). Vinyl sheet with graphics is stretched in the special aluminium frame, thereby providing maximum weather resistance by producing a uniform advertising surface without joints.

Signage photographs

INLAY FACE

Design





Technical specifications

Frame material	aluminium
Colour of cladding	RAL, customer preference
Face material	aluminium, Aluminium Composite Material
Graphics	inlaid plexiglass
Depth	100 - 250 mm
Panel dimensions (w. × h.)	from 0.5 × 2 to 1.5 × 10 m
Light source	LED modules, fluorescent lamps
Installation	façade, steel structure

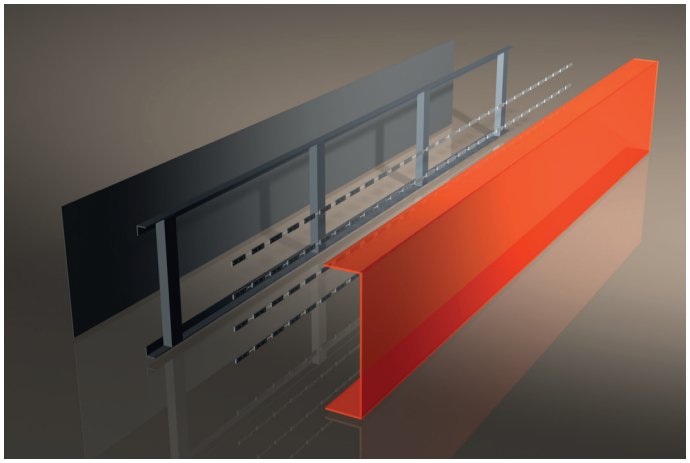
Potential use

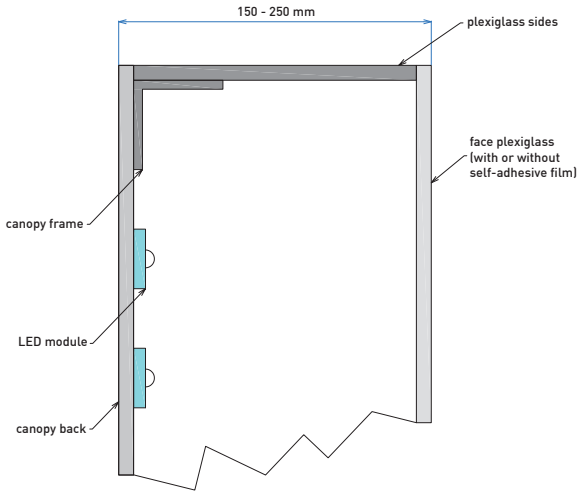
Advertising canopies in combination with fascias form a final touch in the architecture of building façades and petrol stations. The non-illuminated canopy is manufactured from sheet aluminium in a RAL colour or from rigid boards, such as Aluminium Composite Material. A frequently used attractive component is inlay: a milled-out logo, inlaid with plexiglass and backlit by LED modules. Sheet metal canopies and fascias may be illuminated by external light sources.

Signage photographs

PLEXIGLASS FACE

Design





Technical specifications

Frame material	aluminium
Face material	opal plexiglass, coloured plexiglass
Graphics	print, film, inlaid plexiglass
Depth	100 - 250 mm
Panel dimensions (w. × h.)	from 0.5 × 2 to 1 × 10 m
Light source	LED modules, fluorescent lamps
Installation	façade, steel structure

Potential use

Advertising canopies in combination with fascias form a final touch in the architecture of building façades and petrol stations. Effective signage with backlit sides and face, the illuminated canopy is manufactured as a combination of opal and coloured plexiglass glued together. The signs are lit by LED modules in accordance with the current standard.

Signage photographs

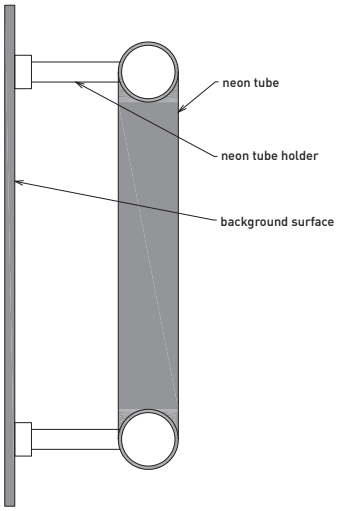
ILLUMINATED
SIGNS

NEON SIGNS

ILLUMINATED
SIGNS

NEON SIGNS

Design



Technical specifications

Light source	neon
Colour	according to neon sign
Height of characters	0.2 - 2 m
Tube diameter	8, 10, 12, 15, 18, 20 mm
Type of glass	clear, coloured

Potential use

Neon signs have undoubtedly remained an essential feature of illuminated signage. In spite of the enormous popularity of LED modules, the significance of neon signs consists particularly in applications where a uniform illuminated line is intentionally accentuated as a contour of letters or outline of shapes. Thanks to the specific properties of emitted light and colour, the shaped neon tubes have been an important and much demanded product in the advertising industry.

Signage photographs

ILLUMINATED
SIGNS

Potential use

Energy saving, durable and maintenance-free modern light sources, which have been fully replacing the function of fluorescent lamps and neon tubes. Carefully chosen LED modules from high-quality suppliers are among 3P's priorities, providing trouble-free functionality with minimal necessity for maintenance service.

They suit the signage industry perfectly for several reasons:

- Their luminous efficiency is higher than is the case with fluorescent lamps.
- Their energy consumption is much lower (up to 6 times) than that of fluorescent lamps.
- They can emit light in the required colour without complex coloured filters.
- They are vibration-resistant.
- They are ideal for use in an environment where the light is often switched off and on.
- Their service life is extremely long, lasting up to 50,000 hours compared to 8,000 to 12,000 hours in case of fluorescent lamps, and 1,000 to 2,000 hours of standard light bulbs.
- They are tiny and can easily fit onto printed circuit boards or into narrow spaces.
- They are environmentally friendly in that they do not contain mercury (unlike fluorescent lamps).
- There is almost no need for maintenance service.

LIGHT SOURCE OVERHAUL:

Fluorescent lamps in panels can be replaced with LED modules, which are pre-fitted to aluminium strips of various lengths. Such replacement results in a provable reduction in power consumption of up to 1/6 compared to the existing operation. The fitting of LED modules on aluminium strips provides convenient handling.

LED TECHNOLOGY

ILLUMINATED SIGNS

3 P, spol. s r.o.
Ostopovická 17
642 00 Brno
Czech republic

Contact address:
3 P, spol. s r.o.
U železničního mostu 373
675 71 Náměšť nad Oslavou
Czech republic

tel.: +420 568 610 111
fax: +420 568 610 114
e-mail: 3p@3p.cz
www.3p.cz

www.3p.cz

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