ADVERTISING SYSTEMS
PRODUCTS
2020

FISCHER
Licht & Metall

CONTENTS

WE GENERATE VALUE

FISCHER Licht & Metall is a pioneer in the creation of
ADVERTISING SOLUTIONS. For over 90 years, we have been
creating products for light advertising companies, advertising
technicians, and shop and trade fair constructors.

Since our first years in business, we have focused on two things:
LIGHT & METAL
You and your customers can benefit from our decades of
knowledge in these fields.

We offer the entire range of ADVERTISING SYSTEMS: with or
without illumination, from the smallest letter through to a large-
scale installation, from individual production through to completed
series with a large number of items.

The whole is greater than the sum of ist parts

You too can benefit from the positive synergy effects from four
corporate areas with our products and services. Specialist trade
skills combined with industrial-scale production planning and
automated finishing on state-of-the-art machines. Our 200
qualified staff with their comprehensive knowledge and many
years of experience provide products with MORE VALUE: more
quality, more safety, and more sustainability.

QUALITY.
SAFETY.
SUSTAINABILITY.

FISCHER quality is created from the sum of its parts: the high-quality materials used, the first-class processing by qualified staff using the latest machines and ongoing quality assessment.

FISCHER Licht & Metall products meet the highest European quality standards, both for series production and for the production of fewer items through to individual pieces.

Play it safe

Our most important goal is to ensure security for your customers in public areas. The legislation requires the necessary evidence of suitability from both the manufacturer and the end user in order to protect the general public.

Our aim: to be better than the standard

Without exception, we produce in accordance with the DIN EN 1090-3 technical standards for the realisation of aluminium supporting structures and the DIN EN 1090-2 technical standards for the realisation of steel supporting structures. And we've been doing this for quite some time: in 1972, FISCHER was certified for the first time, and since then has continuously improved its knowledge of materials technology.

ALUMINIUM

Aluminium is the most commonly found metal in the earth's crust. However, compared to other metals, aluminium has not been known for a long time - it was not manufactured using a chemical reaction until 1808.

From the start, aluminium has been used as a high-tech material when what is needed is low weight or a light structure which also offers high durability. It has become an essential component in aerospace and aviation and car construction, and has been a decisive factor in making important innovations possible in the first place. It has been used in the construction of ADVERTISING SYSTEMS since the end of the 19th century.

We use aluminium sheets in standard formats, mainly with a thickness of between 0.8 and 10 mm. They are processed in our state-of-the-art sheet processing centres using machines from Trumpf - and always in conformance with the most stringent international quality standards. We set no boundaries to your creativity: aluminium can be precisely laser-cut, edged, rounded and joined. As a certified manufacturer in accordance with DIN 4113-3, we guarantee perfect execution of all your aluminium joint welding. The production of complex modules that of necessity comply with the consistently high standards of illuminated advertising is part of our day-to-day business.

STAINLESS STEEL

In 1912, the Krupp company in Essen obtained the first patents for a new material, which in the pre-war years became known as "Nirosta" and "V2a steel". It quickly became popular for use in a wide range of applications: from container construction in the chemical industry through to automobile and aeroplane constructions, and from building materials through to household appliances.

When using stainless steel to create ADVERTISING SYSTEMS, we usually use the sanded and polished versions. The most widely used material thicknesses are between 0.5 and 2.0 mm.

BRASS, COPPER, MILD STEEL,…
OR PERHAPS WEATHERING STEEL?

The possibilities for the metallic surface of your advertising installation are almost limitless. Let us know what you have in mind. We will find the ideal solution for you and will execute it professionally:

ACRYLIC

Acrylic was developed in Germany, Great Britain and Spain in 1928, the year in which FISCHER Licht & Metall was founded, and was ready for launch onto the market in 1933.

Acrylic can be designed individually, is straightforward to process and can be brought into any form required by heating. The glass-like plastic is breakproof and weatherproof. A combination of properties which has always been highly valued. The result is ADVERTISING SYSTEMS with unbeatable translucence and radiance. A broad selection of colours in material thicknesses from 3 - 10 mm allows your creativity to unfold.

To produce our LED LETTERS, we use white blocks with a thickness of up to 30 mm. The high degree of light scattering with this type of acrylic allows the illuminated letters made of solid material and with only a small number of LEDs to light up brightly and homogeneously.

PAINT

We offer a selection of 4,000 cover paint colours in our dual component wet lacquer process. For the base coat, we use only water-based paint. This enabled us to save 5 tonnes of solvent during the course of last year.

Degrees of gloss in accordance with DIN EN ISO 2813

The degree of gloss is an important product feature with cover paints. Depending on the quality of the surface, the light which falls on it is reflected in different ways, so that the surface shines to a greater or lesser degree. The problem with measuring the degree of gloss is that the apparent degree of gloss which can be determined as a reflection changes when perceived from different angles. For example, coated surfaces which appear matt when viewed from the front appear glossy to highly glossy when regarded from a wide angle.
The measurement results do not relate to the light quantity which shines on the surface, however, but to a black, polished glass standard with a defined refraction index. For this standard, the measured value = 100 gloss units (100 GU) is calibrated. We measure using a standard measurement angle of 60 degrees.

The standard paint used for FISCHER ADVERTISING SYSTEMS is SILK GLOSS (SG). The measured values for SG are between 45 and 70 GU. The standard for powder coating for FISCHER products is GLOSS (GL). The measured values for GL are between 70 and 100 GU.

PROTECTION & DECORATION
Surfaces

FOILS

Self-adhesive foils are suitable for lettering, logos and for general colour design. They can be applied to metal, acrylic and cloth banners. For both indoor and outdoor areas, we use only high-quality products from qualified suppliers. The foils used for our products meet the highest standards for colour brilliance, trueness of colour and durability.

The range of design options is enormous. The broad colour spectrum and skilled use of opaque and translucent foils offers limitless opportunities. Our experienced staff will be happy to advise you. Particularly for illuminated advertising, a homogeneous colour effect is important, when light is both shining through and shining onto the installation.

DIGITAL PRINTING

Digital printing technologies are also setting new standards in the production of ADVERTISING SYSTEMS. Digital printing on different materials opens up opportunities which were unthinkable just a few years ago. And all this for a price-performance ratio which also astonishes us time and again.

We print mainly on foils and cloth banners, but direct printing onto flat materials such as acrylic or metal is also possible. Our competent staff will tell you all you need to know about the preliminary printing stage and data transfer to ensure that your prints impress with their colour brilliance.

LIGHTING ELEMENTS

The overwhelming majority of our illuminated advertising systems are lit with LEDs. Due to their poor energy balance, the use of fluorescent lamps and neon tubes has decreased sharply. Our experienced staff will be happy to help you choose the best lighting element to suit your needs. They will in all cases take energy efficiency, visual appearance and financial attractiveness into account.

LEDs

An LED (Light Emitting Diode) is an electronic semi-conductor component. When electricity flows through the diode, it generates light. The light colour (wavelength) here depends on the chemical composition of the semi-conductor materials.

Due to their excellent energy efficiency and high light quality, LEDs are the first lighting element of choice for us. Their robustness and extremely long durability ensure low maintenance and long intervals between replacements, leading to low overall operating costs.

The good switching and dimming properties of the LEDs allow control units to be used which are dependent on the ambient light. This makes it possible to adjust the brightness automatically, which is an essential advantage when putting into practice the increasingly stringent stipulations issued by building authorities when it comes to the brightness of illuminated advertising systems.

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STRUCTURAL ANALYSIS

A correct structural appraisal and implementation guarantees the security of your advertising system.

The loads which act on an advertising system are assessed by our structural engineers in accordance with the legal specifications contained in the Construction Regulations. Constant influences such as the dead weight of the advertising system and the positioning on the wall, ground or roof, changing conditions such as wind and snow and unusual influences must be taken into account. The result of their considerations and calculations is known as the static calculation, structural safety certificate or structural analysis.

The basis for our structural analysis is the information given by you in the project questionnaire. These answers offer us a sound basis to assess what is required, to create a design and to make an offer.

We have been producing LED LETTERING made of compact acrylic for over 20 years. We use tried and tested technology to fulfil the requirements of our customers down to the smallest detail. The radiance of this lettering has a magical attraction for visitors. Your customers will enjoy this high quality illuminated advertising for many years to come.

LEDs specially made for us are mounted in solid prefabricated acrylic letters. Even complicated letter shapes can be realised using modern CNC technology. We achieve bright, homogenous illumination with the minimum quantity of LEDs. Special painting and foil application processes guarantee accurate colour reproduction. Thanks to the closed system, our LED lettering can be used both indoors and outdoors (protection class IP 67).

There is no better product on the market. High quality appearance, realisation accurate in every detail and a constant degree of illumination across the entire installation, resulting in a product of unequalled quality. Our success is confirmed by our steadily increasing sales of this product.

FL 120
Framed lighting

LEDs	white 6500 K, red or blue
FRONT	Full-surface opaque or illuminated contours
DEPTH	20 mm
MIRROR	with foil (opaque), acrylic, stainless steel or painted aluminium
BEAM WIDTH	40 mm min.
CAP HEIGHT	from 150 to 500 mm
INSTALLATION	M4 threaded holes in the rear wall for mounting onto facade, panel or on cable strip/rail
PROTECTION CLASS	IP 67
SPECIAL DESIGN	FL 130 Same model as FL 120, but with 30 mm depth

FL 230
Front lighting

LEDs	white 6500 K, red or blue
FRONT	Acrylic colours, translucent or foils
DEPTH	30 mm or 33 mm mm with colour acrylic mirror
FRAME AND REAR WALL	Opaque coated with two-component matt paint
BEAM WIDTH	15 mm min.
CAP HEIGHT	from 150 to 500 mm
INSTALLATION	M4 threaded holes in the rear wall for mounting onto facade, panel or on cable strip/rail
PROTECTION CLASS	IP 67
SPECIAL DESIGN	FL 230 R With additional background lighting

FL 320
Back lighting

LEDs	white 6500 K, red or blue
FRONT AND FRAME	Opaque coated with two-component matt paint
DEPTH	20 mm (Standard) 15 mm also possible
MIRROR	As an option with foil, stainless steel or painted aluminium
BEAM WIDTH	15 mm min.
CAP HEIGHT	from 150 to 500 mm
INSTALLATION	M4 threaded holes in the rear wall for mounting onto facade, panel or on cable strip/rail
PROTECTION CLASS	IP 67
SPECIAL DESIGN	FL 320 C Indirect colour illumination also available

FL 310
super slim

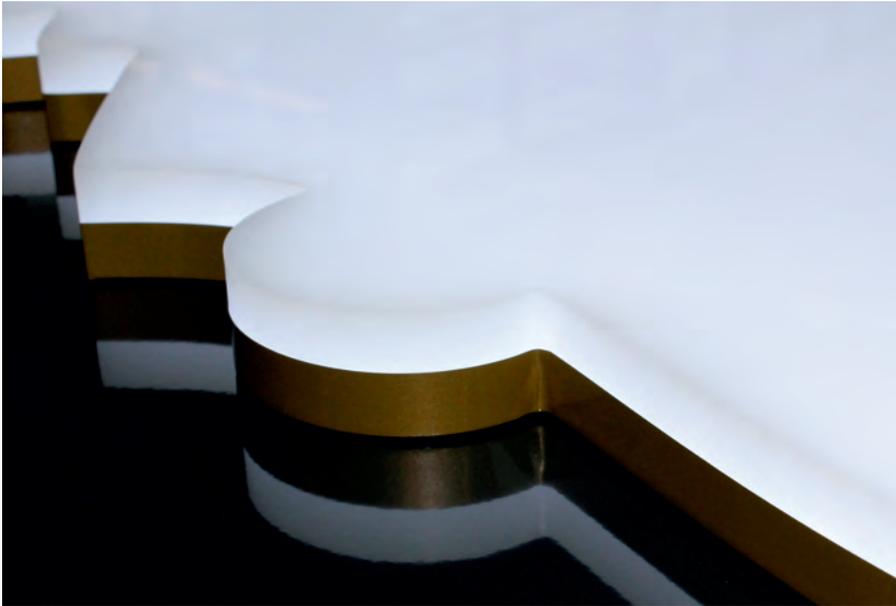|	
LEDs	white 3000 K, white 4000 K, white 6500 K blue, red, green, yellow, orange
FRONT AND FRAME	Opaque coated with two-component matt paint
DEPTH	from 10 mm
MIRROR	As an option with foil, stainless steel or painted aluminium
BEAM WIDTH	min. 15 mm
CAP HEIGHT	from 150
INSTALLATION	M4 threaded holes in the rear wall for mounting onto facade, panel or on cable strip/rail
PROTECTION CLASS	IP 67
SPECIAL DESIGN	FL 310 C indirect colour illumination also available

FL 930 easy

Front and framed lighting made of one cast

LEDs	white 6000 K, red or blue
FRONT	full-surface illuminated
FRAME	max. 14 mm illuminated variable height possible through foiling
DEPTH	30 mm
MIRROR	White and/or with foil or acrylic
BEAM WIDTH	from 15 mm
CAP HEIGHT	from 150 mm
INSTALLATION	M4 threaded holes in the rear wall for mounting onto facade, panel or on cable strip/rail
PROTECTION CLASS	IP 67

FL Neon
Neonprint

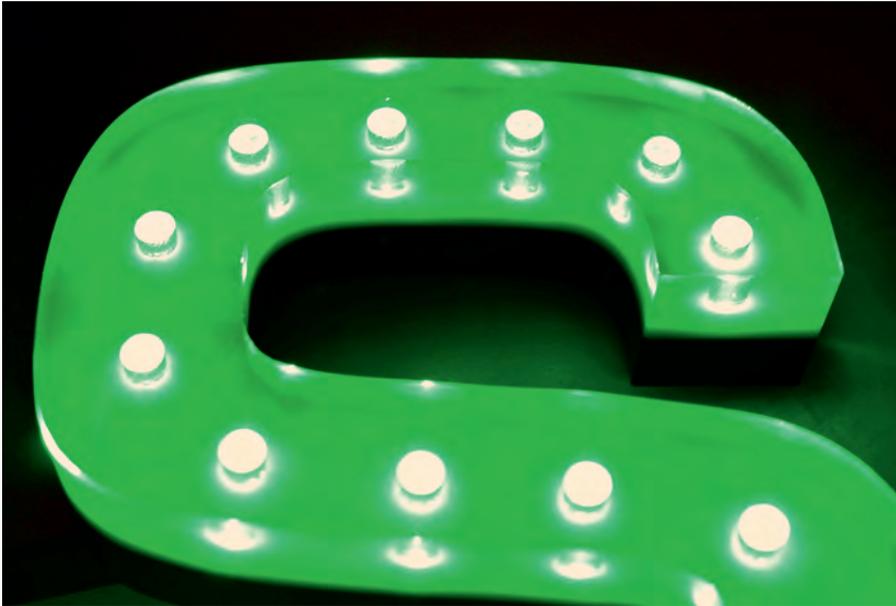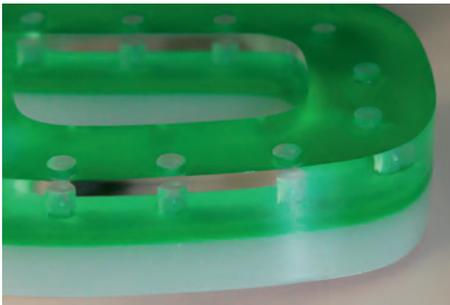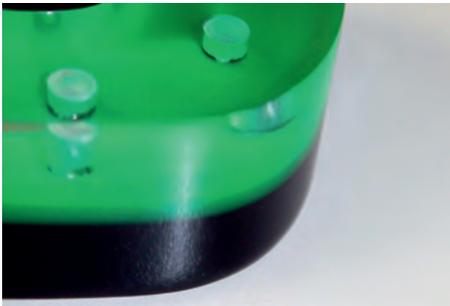|	
LEDs	white 3000 K, white 4000 K, white 6500 K blue, red, green, yellow, orange
FRONT	white acrylic with 8 mm and 10 mm radii
DEPTH	30 mm, 14 mm of it is illuminated
FRAME AND BACK PANEL	Side frame 16 mm foiled opaquely black no painting (14 mm lighted) Back panel foiled opaquely
BEAM WIDTH	16 mm or 20 mm
CAP HEIGHT	from 150 up to 500 mm
INSTALLATION	M4 threaded holes in the rear wall for mounting onto facade, panel or on cable strip/rail
PROTECTION CLASS	IP 67
Supply voltage	20 mA/50 mA (The higher the supply voltage, the stronger the glow) green with max. 25 mA, yellow, orange in 20 mA not possible
SPECIAL DESIGN	RGB-W Contour width of 20 mm and radius of 10 mm only possible

FL Fancy
Spot. Light.

LEDs	white 3000 K, white 4000 K, white 6500 K blue, red, green, yellow, orange
FRONT	Clear acrylic with visible LED-points and coloured contrast
DEPTH	20/23/30 mm (depends on construction)
FRAME AND BACK PANEL	Attractive varicolored side view Back panel foiled opaquely black
BEAM WIDTH	from 14 mm
CAP HEIGHT	from 150 mm
INSTALLATION	M4 threaded holes in the rear wall for mounting onto facade, panel or on cable strip/rail
PROTECTION CLASS	IP 67
OPTIONAL	Dimmer

FISCHER Licht & Metall produces lettering and writing in a wide range of different designs. This broad variety is made possible by the numerous combinations of the light emitted from the lettering body and the materials used, such as acrylic, aluminium, stainless steel, brass or copper.

+ All shapes and colours are possible
+ Illumination using LED lighting technology, fluorescent lamps or neon
+ Delivery with a stable mounting structure
+ Ready to plug in and use
+ Also available as a supplier part

95 percent of our lettering is illuminated with LEDs. With these lighting elements, your customers benefit from a longer working life and lower energy consumption. We can naturally also provide your illumination with fluorescent lamps or neon on request.

MATERIAL	Aluminium (painted in accordance with RAL or Sikkens Color Map solid), also stainless steel, copper etc.
ILLUMINATION	None
PROCESSING	Semi-relief letter
INSTALLATION	Wall mounting - with rear-side attachment brackets (keyhole) - with sleeves and M4 threaded bolt - with aluminium base (uncoated)
ADVANTAGES	Small depth (30 to 60 mm) Low weight Optimum daytime effect Low-cost alternative

PROFILE 3P

MATERIAL	Upper parts made of aluminium (painted in accordance with RAL or Sikkens Color Map solid), also stainless steel, copper etc. Base acrylic white WH 10
ILLUMINATION	LEDs white 6500 K LEDs Indirect lighting effect towards the rear through the acrylic onto the facade background
LED single row	Beam width up to 100 mm
LED 2-row	Beam width up to 101 mm
DEPTH	80 mm min.
PROCESSING	Full-relief letter with acrylic rear part
INSTALLATION	> Wall mounting > with cable rail > with frame structure
ADVANTAGES	Subtle, high-quality lettering, e.g. for historic listed areas. Interesting, indirect illumination towards the facade with translucent rear side.

PROFILE 4

MATERIAL	Lower parts and surrounding frame made of Aluminium (painted in accordance with RAL or Sikkens Color Map solid), also stainless steel, copper etc. Inner part with white undercoating Visible surface acrylic
ILLUMINATION	LEDs white 6500 K Direct illumination towards the front
LED 2-row	Beam width from 101 to 220 mm
LED 3-row	Beam width from 221 to 340 mm
LED 4-row	Beam width from 341 to 460 mm
LED 5-row	Beam width from 461 to 580 mm
LED 6-row	Beam width from 581 to 700 mm
DEPTH	from 120 mm to approx. 200 mm
USE	Letters/logos with height approx. 600 to 3,000 mm
PROCESSING	Full-relief letter with surrounding aluminium frame
INSTALLATION	> Wall mounting > with cable rail > with frame structure
ADVANTAGES	Large letters Stable construction

MATERIAL	Upper parts made of aluminium (painted in accordance with RAL or Sikkens Color Map solid), also stainless steel, copper etc. Inner part with white undercoating Acrylic mirror with surrounding PVC frame
ILLUMINATION	LEDs white 6500 K
LED single row	Beam width from 100 mm
LED 2-row	Beam width from 101 to 220 mm
LED 3-row	Beam width from 221 to 340 mm
DEPTH	100 - 120 mm
USE	Letters/logos with height approx. 300 to 1500 mm
PROCESSING	Full-relief letter with surrounding PVC frame
INSTALLATION	> Wall mounting > with cable rail > with frame structure
ADVANTAGES	Excellent price-performance ratio

MATERIAL	Upper part acrylic, base aluminium, (painted in accordance with RAL or Sikkens Color Map solid), white undercoating inside
ILLUMINATION	LEDs white 6500 K Lighting effect to the front and at the side
LED single row	Beam width from 100 mm
LED 2-row	Beam width from 101 to 220 mm
LED 3-row	Beam width from 221 to 340 mm
DEPTH	100 - 120 mm
PROCESSING	Full-relief letter, lower part frame 25 mm high
INSTALLATION	> Wall mounting > with cable rail > with frame structure
ADVANTAGES	Precise visual effect due to glued front and side parts. Different colour combinations of mirror and frame easy to create High-quality daytime effect due to acrylic surface.

PROFILE 9a

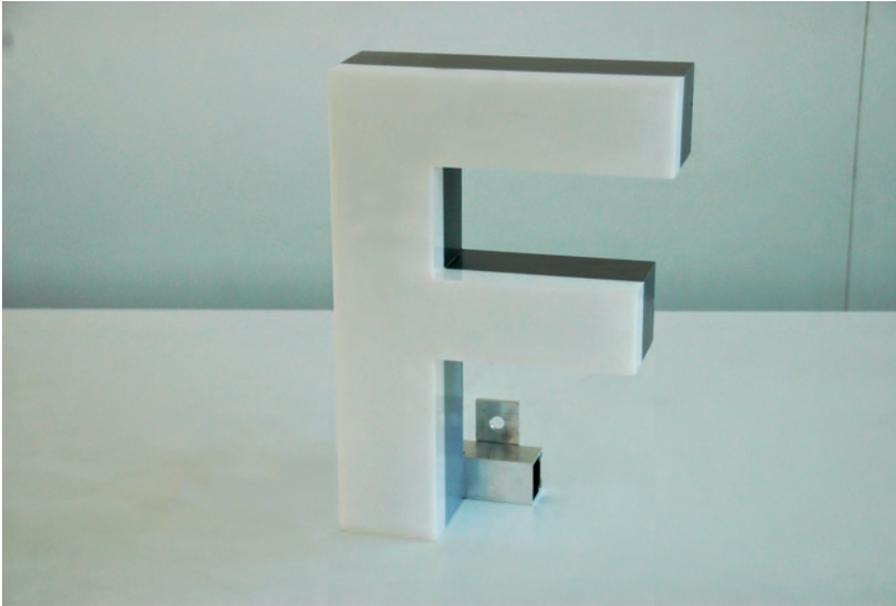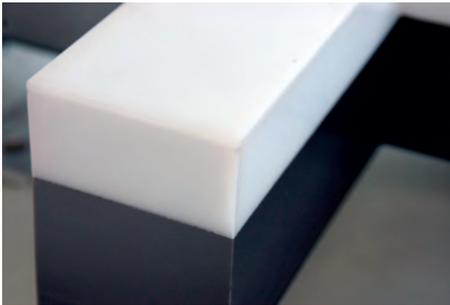|	
MATERIAL	Upper part acrylic, , base aluminium, (painted in accordance with RAL or Sikkens Color Map solid), also stainless steel, copper etc. white undercoating inside
ILLUMINATION	LEDs white 6500 K Lighting effect to the front and partially at the side
LED single row	Beam width from 100 mm
LED 2-row	Beam width from 101 to 220 mm
LED 3-row	Beam width from 221 to 340 mm
DEPTH	100 - 120 mm 2/3 unlit + 1/3 illuminated
PROCESSING	Full-relief letter
INSTALLATION	> Wall mounting > with cable rail > with frame structure
ADVANTAGES	Interesting solution thanks to dual-colour side visual effects

PROFILE 9c

MATERIAL	Front mirror and side frame made of acrylic Opaque (partial) plastic frame in RAL 9006 or RAL 9007 White Kömacell panel base
ILLUMINATION	LEDs white 6500 K Direct lighting effect to the front and partially at the side
LED single row	Beam width from 100 mm
LED 2-row	Beam width from 101 to 220 mm
LED 3-row	Beam width from 221 to 340 mm
DEPTH	100 - 120 mm
PROCESSING	Full-relief letter made of acrylic
INSTALLATION	> Wall mounting > with cable rail > with frame structure
ADVANTAGES	Low-cost version of Profile 9 High-quality visual appearance of side frames Fast processing time No painting required

PROFILE 5S

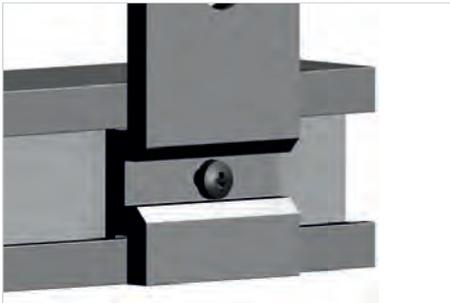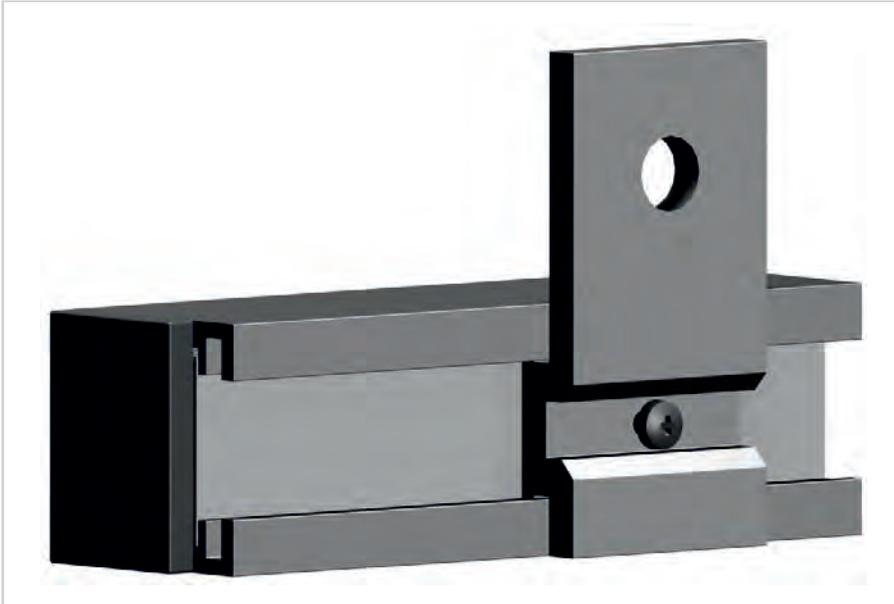|	
MATERIAL	Lower part made of aluminium (painted in accordance with RAL or Sikkens Color Map solid), White undercoating inside Mirror 3 mm coloured acrylic and rear side clear acrylic
ILLUMINATION	LEDs white 6500 K
LED single row	Beam width from 100 mm
LED 2-row	Beam width from 101 to 220 mm
DEPTH	100 - 120 mm
CAP HEIGHT	from 300 to approx. 1000 mm
PROCESSING	Full-relief letter
INSTALLATION	> Wall mounting > with cable rail > with frame structure
ADVANTAGES	Clear font display No visible frame

PROFILE CABLE RAIL

MATERIAL	Aluminium cable rail Plastic side covering
USE	Profile 40 x 40 / 30 x 30 depending on font size
INSTALLATION	With movable holding straps for adjustment to individual building conditions
ADVANTAGES	Variable adjustment on site possible Easy cabling due to detachable rear wall

FLAT LETTERS

MATERIAL	Aluminium (painted in accordance with RAL or Sikkens Color Map solid), stainless steel or acrylic
PROCESSING	Lasered or milled
INSTALLATION	Wall mounting using welded M4 threaded attachment sleeves

CONTOURS

MATERIAL   Aluminium
(painted in accordance with RAL or
Sikkens Color Map solid),
or acrylic

PROFILE   Possible in Profile 01, Profile 4,
Profile 5 and Profile 8

PROCESSING & INSTALLATION   As specified for the letter profiles

BANNERS & PYLONS

Are you looking for highly individual banners and displays that really stand out, made to the highest production quality standards? Are you looking for a producer who can turn your ideas for illuminated pylons into reality and implement them safely when it comes to electrical installation and structural stability?

We create the following in our state-of-the-art production centres:

+ Classic light boxes and illuminated signs:
  from simple display signs to facade light-pipe systems
+ Curved banners & pylons
+ Combinations of complex forms and high-quality materials
+ Insertion of letterboxes, screens, time displays etc.

Our banners and pylons are illuminated using surface LED coverage, LED side illumination or fluorescent lamps. Thanks to our tried and tested LED technology, we can offer cost-effective products which pay their way in just a few years with their extremely low operating power costs. You are therefore offering your customers an advertising system from which they will benefit for a long time to come.

BANNER
Fdesign
F 01

MATERIAL	Upper and lower part made of aluminium
	Modern surface optics
	Painting, foiling or digital printing film possible
ILLUMINATION	LEDs white 6500 K, surface laid direct illumination towards the fromt and indirect wall lighting
PROCESSING	Frameless Front panel with flat or extended acrylic backing
STRUCTURAL DEPTH	80 mm
INSTALLATION	Wall mounting
ADVANTAGES	Elegant design Hight-quality processing of the frames Modern surface materials and paintings come into ones own

BANNER
Fdesign
F 02

MATERIAL	Lower part made of stainless steel or aluminium painted, upper part Modern surface optics Painting, foiling or digital printing film possible
ILLUMINATION	LEDs white 6500 K, surface laid direct illumination towards the fromt and indirect wall lighting
PROCESSING	Frameless lower part made of sheet metal Front panel with flat or extended acrylic backing
STRUCTURAL DEPTH	80 mm
INSTALLATION	Wall mounting
ADVANTAGES	The sharp contours of the from some dictance floating visable surfaces create solidity and lightness at the same time Minimalism for purists

BANNER
Fdesign
F 03

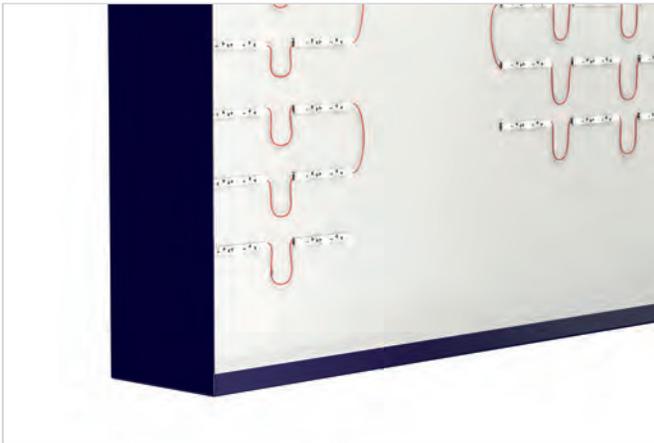|	
MATERIAL	Upper and lower part made of aluminium Modern surface optics Painting, foiling or digital printing film possible
ILLUMINATION	LEDs white 6500 K, surface laid Direct lighting effect to the front and partially at two edges
PROCESSING	Frameless Front panel with flat or extended acrylic backing
STRUCTURAL DEPTH	100 mm
INSTALLATION	Wall mounting
ADVANTAGES	Interesting design of the frames with assymetric edges Attracts attention by using hidden lateral lighting

BANNER
Profile 1

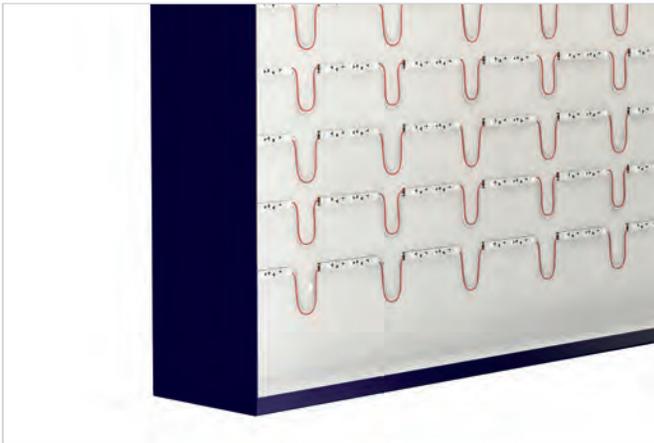|	
MATERIAL	Upper and lower part aluminium White undercoating inside Outside paint in accordance with RAL or Sikkens Color Map solid
ILLUMINATION	LEDs white 6500 K, surface laid alternative NLL Direct illumination towards the front
PROCESSING	Text cropped and flat with acrylic backing
INSTALLATION	Wall mounting

BANNER
Profile 4
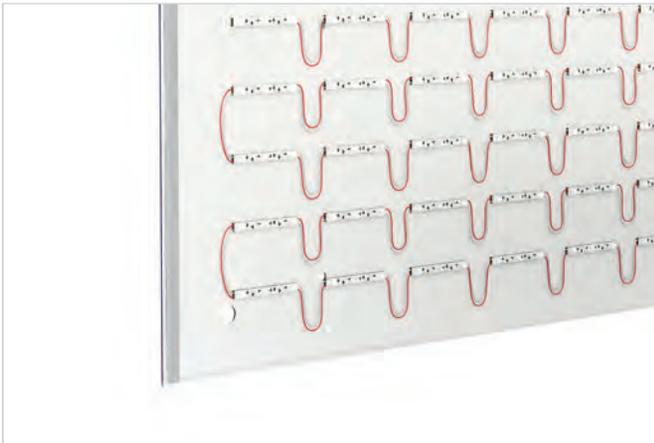

MATERIAL	Lower part and surrounding frame made of aluminium White undercoating inside Outside paint in accordance with RAL or Sikkens Color Map solid Front panel acrylic
ILLUMINATION	LEDs white 6500 K, surface laid alternatives LED-box-side or NLL Direct illumination towards the front
PROCESSING	Front panel acrylic Lettering possible using foil, digital printing or intarsia
INSTALLATION	Wall mounting

BANNER
Profile 8
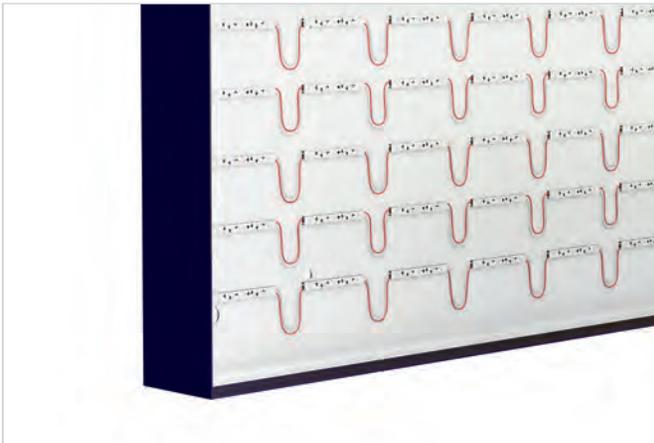

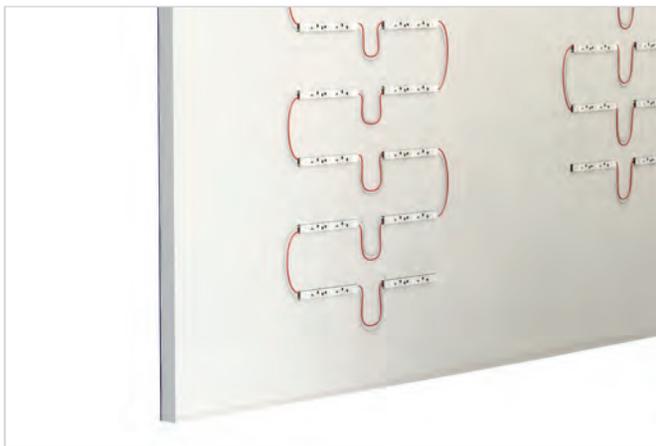|	
MATERIAL	Upper part hood acrylic Rear wall made of aluminium White undercoating inside Outside paint in accordance with RAL or Sikkens Color Map solid
ILLUMINATION	LEDs white 6500 K, surface laid alternative NLL Direct lighting effect to the front and at the side
PROCESSING	Lettering using foil, digital printing or intarsia possible
INSTALLATION	Wall mounting

BANNER
Profile 9P

MATERIAL	Aluminium base
	Aluminium profile frame
	White undercoating inside
	Outside paint in accordance with
	RAL or Sikkens Color Map solid
	Upper part/hood acrylic
ILLUMINATION	LEDs white 6500 K, surface laid
	alternative NLL
	Direct lighting effect to the front
PROCESSING	Lettering using foil, digital printing
	or intarsia possible
INSTALLATION	Wall mounting

BANNER
Profile 1
curved

MATERIAL	Upper and lower part aluminium White undercoating inside Outside paint in accordance with RAL or Sikkens Color Map solid
ILLUMINATION	LEDs white 6500 K, surface laid alternative NLL Direct illumination towards the front
PROCESSING	Text cropped and flat with acrylic backing
INSTALLATION	Wall mounting
ADVANTAGES	Mounting on curved facades and porch roofs

BANNER
Profile 4
curved

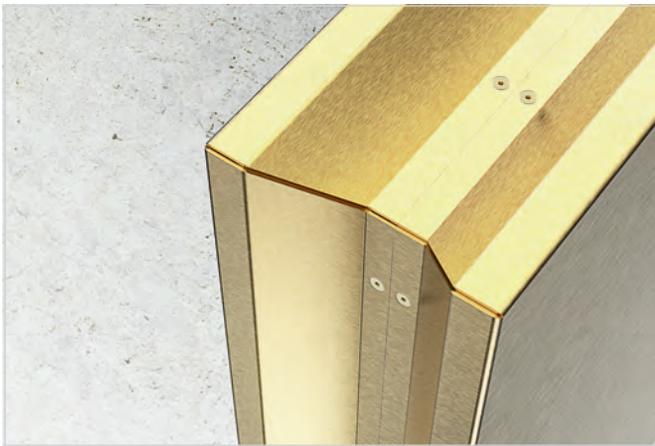|	
MATERIAL	Lower part and surrounding frame made of aluminium White undercoating inside Outside paint in accordance with RAL or Sikkens Color Map solid Front panel acrylic
ILLUMINATION	LEDs white 6500 K, surface laid alternative NLL Direct illumination towards the front
PROCESSING	Front panel acrylic Lettering possible using foil, digital printing or intarsia
INSTALLATION	Wall mounting
ADVANTAGES	Mounting on curved facades and porch roofs

PYLON
Fdesign
F 01

MATERIAL	Front and back made of aluminium Modern surface optics Painting, foiling or digital printing film possible
ILLUMINATION	With LED-box-side white 6500 K
PROCESSING	Light aluminium frame Lettering with flat oder extended acrylic backing
STRUCTURAL DEPTH	140 mm
BASE HEIGHT	100 mm
INSTALLATION	With flange panels on on-site foundation or on anchor cage
ADVANTAGES	Elegant design Hight-quality processing of the frames Modern surface materials and paintings come into ones own

PYLON
Fdesign
F 02

MATERIAL	Front and back made of aluminium Frame made of aluminium covered with stainless steel or paint Modern surface optics Painting, foiling or digital printing film possible
ILLUMINATION	with LED-box-side white 6500 K
PROCESSING	Front and back are going to be installed at the visible frame Lettering with flat or extended acrylic backing
STRUCTURAL DEPTH	130 mm
BASE HEIGHT	35 mm
INSTALLATION	With flange panels on on-site foundation or on anchor cage
ADVANTAGES	The sharp contours of from some dictance floating visable surfaces create solidity and lightness at the same time Minimalism for purists

PYLON
Fdesign
F 03

MATERIAL	Front and back made of aluminium Modern surface optics Painting, foiling or digital printing film possible
ILLUMINATION	with LED-box-side white 6500 K
PROCESSING	Frameless Lettering with flat or extended acrylic backing
STRUCTURAL DEPTH	125 mm
INSTALLATION	With flange panels on on-site foundation or on anchor cage
ADVANTAGES	Interesting design of the frames with assymetric edges Attracts attention by using hidden lateral lighting

PYLON
Profile 1
straight

MATERIAL	Supporting inner structure made of aluminium or hot-dip galvanised steel Upper parts aluminium sheet White undercoating inside Outside paint in accordance with RAL or Sikkens Color Map solid
ILLUMINATION	with LED-box-side white 6500 K alternative NLL
PROCESSING	With or without shadow gap Text cropped and flat with acrylic backing
INSTALLATION	With flange panels on on-site foundation or on anchor cage
ADVANTAGES	Shadow gap available at no extra cost

PYLON
Profile 1
Arched

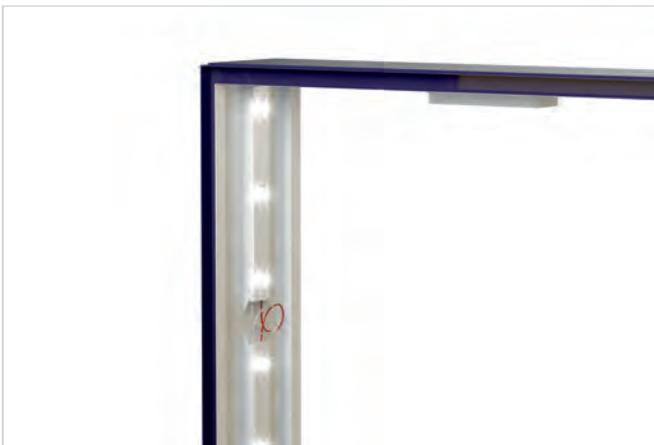|	
MATERIAL	Supporting inner structure made of aluminium or hot-dip galvanised steel Upper parts aluminium sheet White undercoating inside Outside paint in accordance with RAL or Sikkens Color Map solid
ILLUMINATION	with LED-box-side white 6500 K alternative NLL
PROCESSING	With or without shadow gap Text cropped and flat backing
INSTALLATION	With flange panels on on-site foundation or on anchor cage
ADVANTAGES	Shadow gap available at no extra cost

PYLON
Profile 4
Straight

MATERIAL	Supporting inner structure made of aluminium profile Upper frame aluminium sheet White undercoating inside Outside paint in accordance with RAL or Sikkens Color Map solid Front panel acrylic
ILLUMINATION	with LED-box-side white 6500 K alternative NLL
PROCESSING	Lettering possible using foil, digital printing
INSTALLATION	With flange panels on on-site foundation or on anchor cage

DIGITAL INFORMATION PANEL
INTERIOR
SURFACE LIGHT

MATERIAL	Upper subframe and lower part made of aluminium
COATING	Outside paint in accordance with RAL or Sikkens Color Map solid Front panel acrylic
ILLUMINATION	FISCHER area lighting with particularly high luminosity white, 6500K, 550-600 cd/m²)
POWER CONSUMTION	ca. 70 watt
DIMENSIONS	700 x 1900 x 65 mm
COVER FRAME	25 mm (width)
BASE	Covered with foil (opaque) height: 200 mm
WEIGHT	45 kg
LETTERING	Self-adhesive film or digital printing
INSTALLATION	Freestanding with bottom panel or direct connection to the ground
ADDED VALUE	+ easy maintenance + homogenious illumination + low structural depth
DESIGNS	> double-sided > one-sided illuminated with aluminium-cover

FISCHER Licht & Metall/WERBEANLAGEN/PRODUKTE

PYLON
Profile 4
Arched

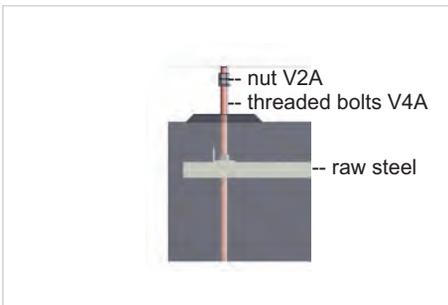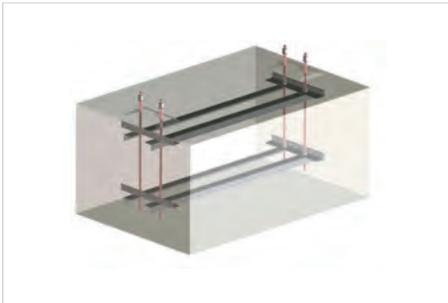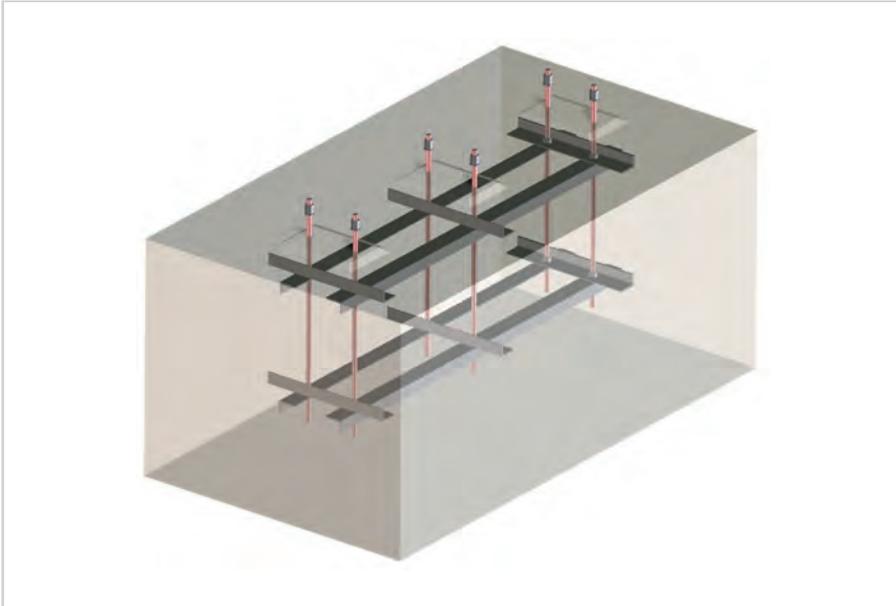|	
MATERIAL	Supporting inner structure made of aluminium profile Upper frame aluminium sheet White undercoating inside Outside paint in accordance with RAL or Sikkens Color Map solid Front panel acrylic 4 mm
ILLUMINATION	with LED-box-side white 6500 K alternative NLL
PROCESSING	Lettering using foil or digital printing possible
INSTALLATION	With flange panels on on-site foundation or on anchor cage

MATERIAL	Kern 10 mm or 15 mm
	acrylic white, alternatively with 3 mm
	acrylic coloured or foil
PROCESSING	Aggraded on supporting plate
INSTALLATION	Suitable for banners and pylons
	Profile 1 with cropped text or logo
ADVANTAGES	Easier to read
	High-quality visual display of the logo

ANCHOR CAGE

MATERIAL Anchor cage made of stainless steel threaded bolts with bracket connections made of raw steel
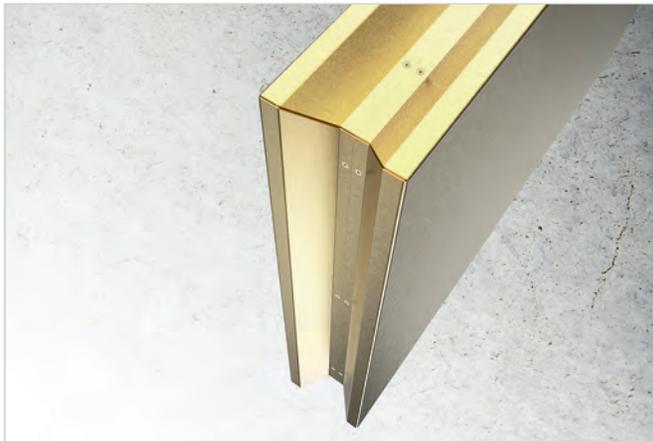
INSTALLATION Fast mounting of pylons due to precise fitting of the threaded bolts

ADVANTAGES > Simple adjustment possible
> Telescope caps for covering the threaded bolts

-- nut V2A
-- threaded bolts V4A

-- raw steel

MATERIAL	Front and back made of aluminium Modern surface optics Painting, foiling or digital printing film possible
ILLUMINATION	with LED-box-side white 6500 K
PROCESSING	Light aluminium frame Lettering with flat oder extended acrylic backing
STRUCTURAL DEPTH	120 mm
INSTALLATION	Wall mounting with 100 mm spacer
ADVANTAGES	Elegant design Hight-quality processing of the frames Modern surface materials and paintings come into ones own

MATERIAL	Front and back made of aluminium Frame made of aluminium covered with stainless steel or paint Modern surface optics Painting, foiling or digital printing film possible
ILLUMINATION	with LED-box-side white 6500 K
PROCESSING	Front and back are going to be installed at the visible frame Lettering with flat or extended acrylic backing
STRUCTURAL DEPTH	60 mm
INSTALLATION	Wall mounting with 100 mm spacer
ADVANTAGES	The sharp contours of from some dictance floating visable surfaces create solidity and lightness at the same time Minimalism for purists

MATERIAL	Front and back made of aluminium
	Modern surface optics
	Painting, foiling or
	digital printing film possiblee
ILLUMINATION	with LED-box-side white 6500 K
PROCESSING	Frameless
	Lettering with flat or extended
	acrylic backing
STRUCTURAL DEPTH	125 mm
INSTALLATION	Wall mounting
ADVANTAGES	Interesting design of the frames
	with assymetric edges
	Attracts attention by using
	hidden lateral lighting

DISPLAYS
Profile 1

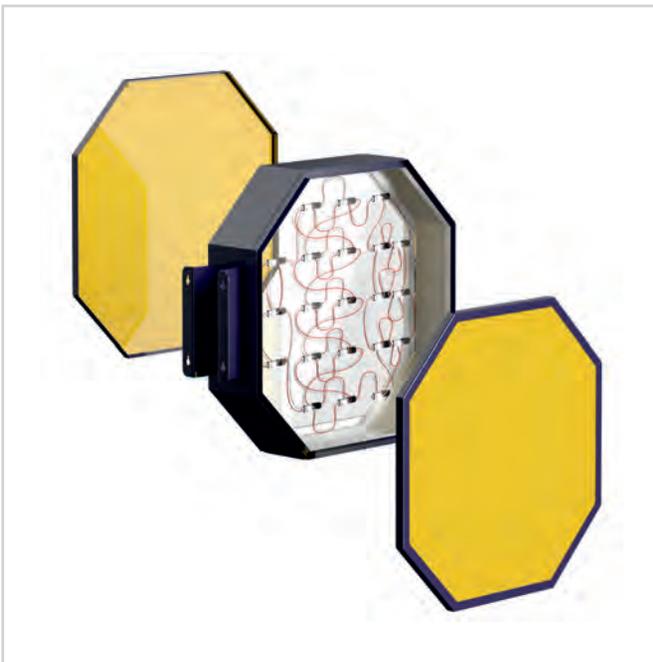|	
ATERIAL	Upper and lower part made of aluminium White undercoating inside Outside paint in accordance with RAL or Sikkens Color Map solid
ILLUMINATION	LEDs white 6500 K, surface laid or LED-box-side, alternative NLL Direct illumination towards the front
PROCESSING	rectangular, round, oval and simple forms possible Text cropped and flat with acrylic backing
INSTALLATION	Wall mounting with 100 mm spacer

DISPLAYS
Profile 4

MATERIAL	Upper subframe and lower part made of aluminium White undercoating inside Outside paint in accordance with RAL or Sikkens Color Map solid Front panel acrylic
ILLUMINATION	LEDs white 6500 K, surface laid or LED-box-side, alternative NLL
PROCESSING	Front panel acrylic Lettering possible using foil, digital printing or intarsia
INSTALLATION	Wall mounting with 100 mm spacer

DISPLAYS
Profile 4
SURFACE LIGHT

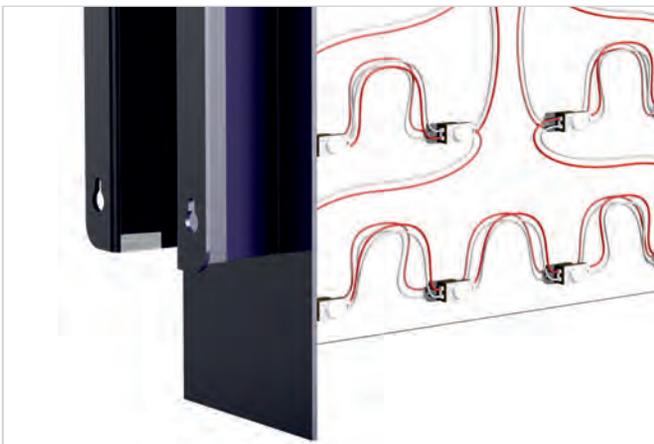|	
MATERIAL	Upper part frame and lower part made of aluminium Outside paint in accordance with RAL or Sikkens Color Map solid Front panel acrylic
ILLUMINATION	FISCHER surface light (FFL) with a very high brilliancy (white, 6500K, 550-600 cd/m²)
DEPTH	40-70 mm
PROCESSING	Welded supporting construction made of aluminium Front panel acrylic Lettering possible using foil, digital printing
INSTALLATION	Wall mounting with 100 mm spacer and shapely cover profile wired, ready for connection pre-assembly

DISPLAYS
Profil 8

MATERIAL	Upper part hood made of acrylic lower part made of aluminium sheet White undercoating inside Outside paint in accordance with RAL or Sikkens Color Map solid
ILLUMINATION	LEDs white 6500 K, surface laid alternative NLL Direct lighting effect to the front
PROCESSING	Square or rectangular Lettering possible using foil, digital printing or intarsia
INSTALLATION	Wall mounting with 100 mm spacer

MATERIAL	Upper part hood made of acrylic lower part made of aluminium sheet or aluminium profile White undercoating inside Outside paint in accordance with RAL or Sikkens Color Map solid
ILLUMINATION	LEDs white 6500 K, surface laid or LED-box-side, alternative NLL
PROCESSING	rectangular, round, oval and simple forms possible Lettering possible using foil, digital printing or intarsia
INSTALLATION	Wall mounting with 100 mm spacer

DISPLAY FLAG
Profile 1

MATERIAL	Upper part aluminium
	Supporting inner structure made of aluminium profile
	White undercoating inside
	Outside paint in accordance with RAL or Sikkens Color Map solid
ILLUMINATION	with LED-box-side white 6500 K alternative NLL
PROCESSING	Text cropped and flat with acrylic backing
INSTALLATION	Wall mounting with 100 mm spacer

DISPLAY FLAG
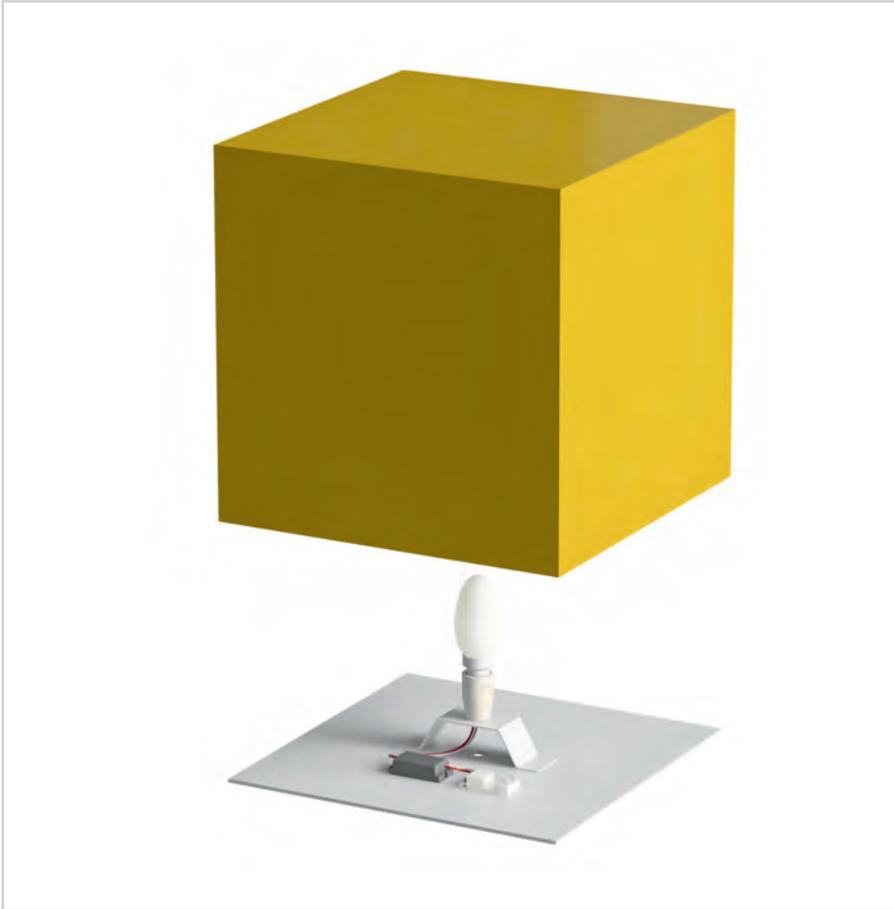## Profile 4

MATERIAL	Upper part frame and lower part made of aluminium White undercoating inside Outside paint in accordance with RAL or Sikkens Color Map solid Front panel acrylic
ILLUMINATION	with LED-box-side white 6500 K alternative NLL
PROCESSING	Front panel acrylic Lettering possible using foil, digital printing or intarsia
INSTALLATION	Wall mounting with 100 mm spacer

CUBES
Profile 8

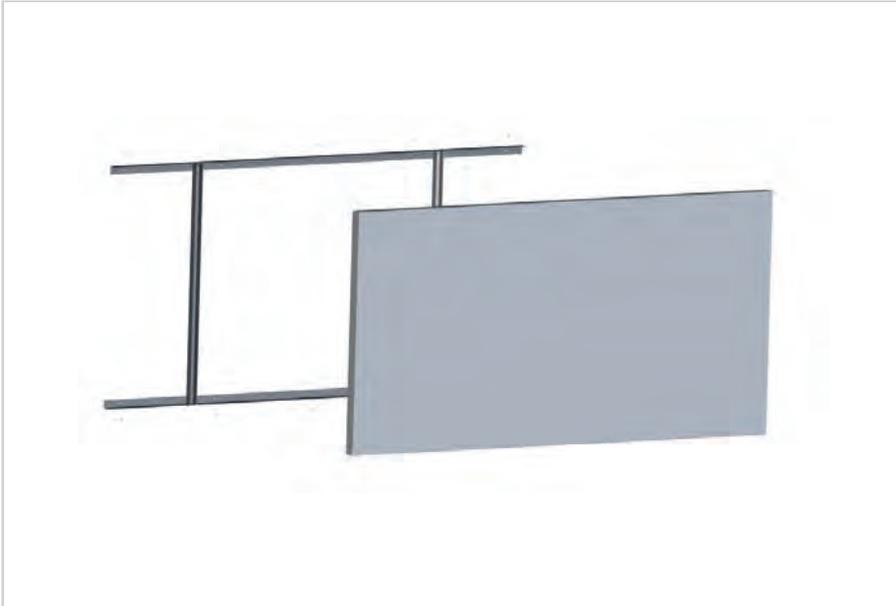|	
MATERIAL	Upper part hood made of acrylic
	Lower part aluminium sheet
	White undercoating inside
	External paint in accordance with
	RAL or Sikkens Color Map solid
ILLUMINATION	LED lamp or HQL 50 mercury-vapour
	lamp (depending on size)
PROCESSING	Plexiglas, mitre cut and glued
	Lettering possible using foil, digital
	printing or intarsia
INSTALLATION	On existing base or wall mounting

PANEL

MATERIAL   Panel made of aluminium
            Rear side uncoated
            External paint in accordance with
            RAL or Sikkens Color Map solid
            Includes aluminium tube frame

PROCESSING 2 mm aluminium sheet bolted on
            aluminium tube frame and edged
            Suitable for foil lettering and LED
            letters

INSTALLATION Wall mounting with welded in
             attachment panels

PANEL
Light version

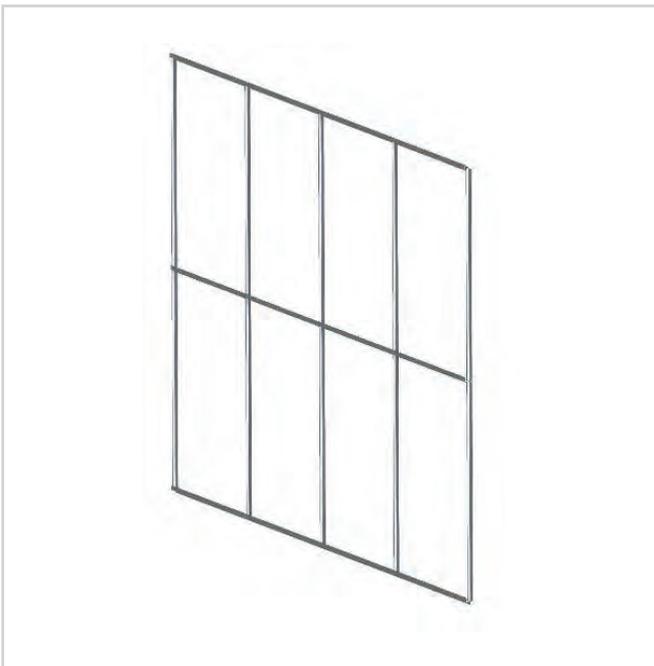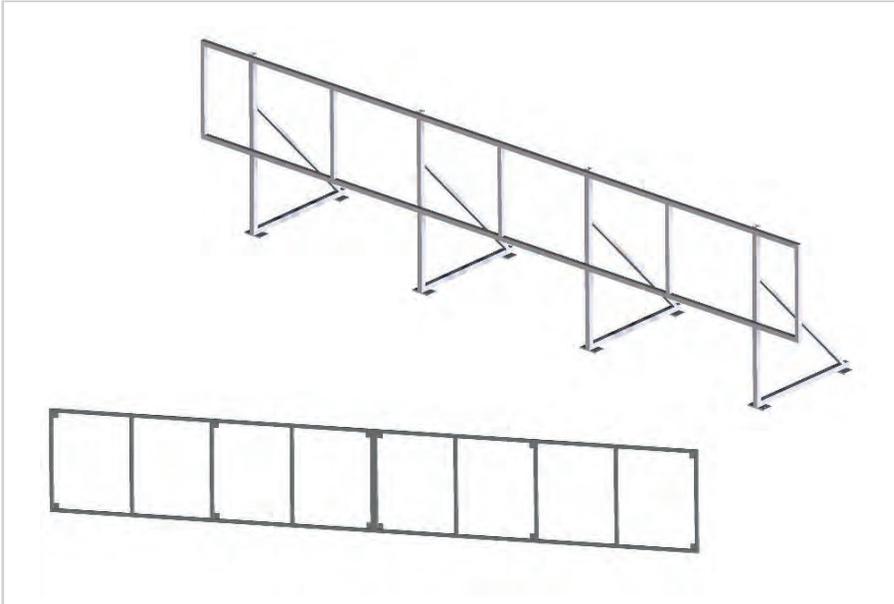|	
MATERIAL	Panel made of aluminium Rear side uncoated External paint in accordance with RAL or Sikkens Color Map solid Includes light angled frames
PROCESSING	On light angled frames 2 mm aluminium sheet bolted and edged Suitable for foil lettering and LED letters
INSTALLATION	Wall mounting

SUBSTRUCTURE
for large letters & banners

MATERIAL — Substructure made of aluminium or hot-dip galvanised steel for large letters, banners and cloth banners, as well as roof installations

PROCESSING — Aluminium uncoated / Steel hot-dip galvanised

INSTALLATION — on facades or free-standing on roofs

ADVANTAGES — Produced according to the valid manufacturer qualifications and structural stability requirements

CLOTH BANNER
Design A
Large areas.
Advertising towers.

MATERIAL	Aluminium tube inner structure with tensioning profiles
	Frames and rear wall with sheet covering
	Sheet rear wall uncoated
	White undercoating inside
	External frame side painted in accordance with RAL or Sikkens Color Map solid
	Including cloth banner 600 g/m² with foil (single colour) or digital printing
ILLUMINATION	with LED-box-side white 6500 K alternative NLL
PROCESSING	Stable design for large areas (> 10 m²) or advertising towers
INSTALLATION	With rear-side suspension device
ADVANTAGES	Continuous tensioning system - Tension adjustment is possible
	Maintenance via frame or correction flaps without removing the cloth banner
	Mounting as a single piece possible due to high level of rigidity

CLOTH BANNER
Design B
Shapes.
Logos.

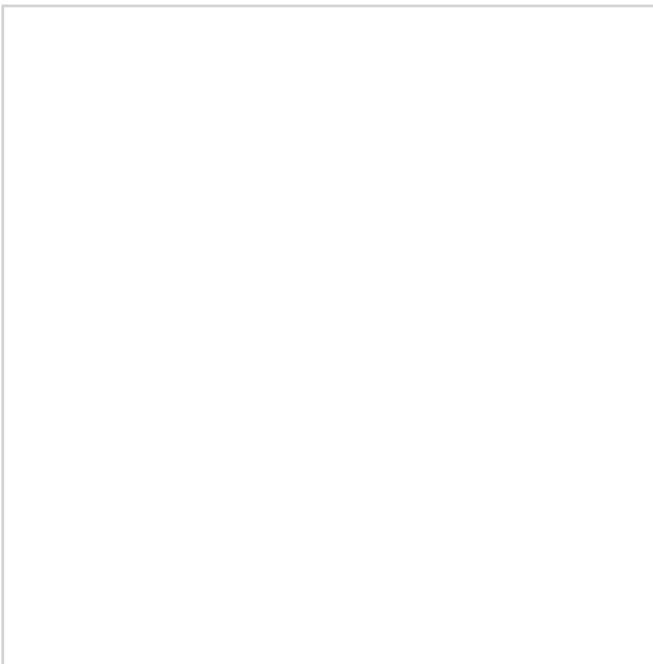|	
MATERIAL	Frame profile with sheet metal lower part White undercoating inside External frame side painted in accordance with RAL or Sikkens Color Map solid Including cloth banner with foil (single colour) or digital printing
ILLUMINATION	LEDs white 6500 K, surface laid alternative NLL
PROCESSING	Lighter version of cloth banner A for producing shapes and logos
INSTALLATION	Wall mounting
ADVANTAGES	round, oval and simple forms possible

CLOTH BANNER
Design C
Facade strips

MATERIAL	Frame profile with sheet metal rear wall With or without cover frame Sheet rear wall uncoated White undercoating inside External frame side painted in accordance with RAL or Sikkens Color Map solid Including cloth banner with foil (single colour) or digital printing
ILLUMINATION	with LED-box-side white 6500 K alternative NLL
INSTALLATION	Wall mounting
ADVANTAGES	Flat structure Longer facade strips With or without cover frame (30 mm wide) possible

CLOTH BANNER
Design E
Light version.

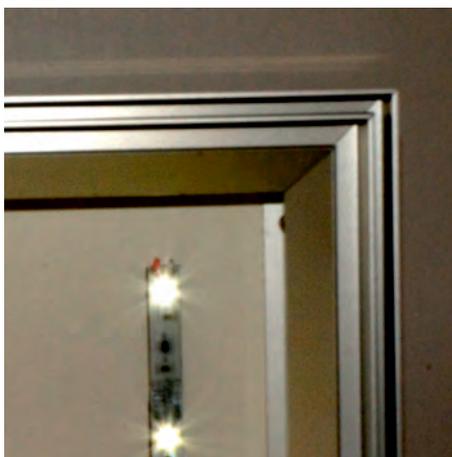|	
MATERIAL	Aluminium profile at the back with groove for insertion of a white coated aluminium sheet Cloth banner with clips Cover frame out of aluminium External frame side painted in accordance with RAL or Sikkens Color Map solid Including cloth banner with foil (single colour) or digital printing
ILLUMINATION	with LED-box-side white 6500 K
STRUCTURAL DEPTH	132 mm
INSTALLATION	Wall mounting Lower banner part is mounted to the wall with using corner angles and lugs Covered with cloth banner
ADVANTAGES	Low weight Inexpensive Easy installation

CLOTH BANNER
Indoor areas
Frameless.
Illuminated.

DESCRIPTION	Aluminium profile with integrated tension groove for holding the soft rubber lip (bead) of the pre-fabricated cloth banner print
ILLUMINATION	LEDs white 6500 K, surface laid
AREA OF USE	Indoor areas
STRUCTURE	Single-sided
STRUCTURAL DEPTH	91 mm
STANDARD COLOUR Aluminium profile	Silver epoxy EV 1
SPECIAL COLOURS Aluminium profile	In accordance with RAL or Sikkens Color Map solid
PRINT CARRIER	Cloth banner 115g/m², B1
LIGHT INTENSITY White	400 cd/m²
VOLTAGE	12 V
INSTALLATION	Wall mounting, Wall installation
MOTIF CHANGE	Very quick and simple

SUBSTRUCTURE
for advertising systems
WITHOUT maintenance
platform

MATERIAL	Substructure made of hot-dip galvanised steel
PROCESSING	Substructure is possible in three designs (parallel, wedge and triangular form)
INSTALLATION	On concrete masts for mounting advertising systems
ADVANTAGES	Structural stability can be tested on request Produced according to the valid manufacturer qualifications

SUBSTRUCTURE
for advertising systems
WITH maintenance
platform

MATERIAL	Substructure with accessible maintenance platform made of hot-dip galvanised steel
PROCESSING	Substructure is possible in three designs (parallel, wedge and triangular form)
INSTALLATION	On concrete masts for mounting advertising systems
ADVANTAGES	Structural stability can be tested on request Produced according to the valid manufacturer qualifications Low maintenance costs - no hydraulic lift needed

GLASS STELE

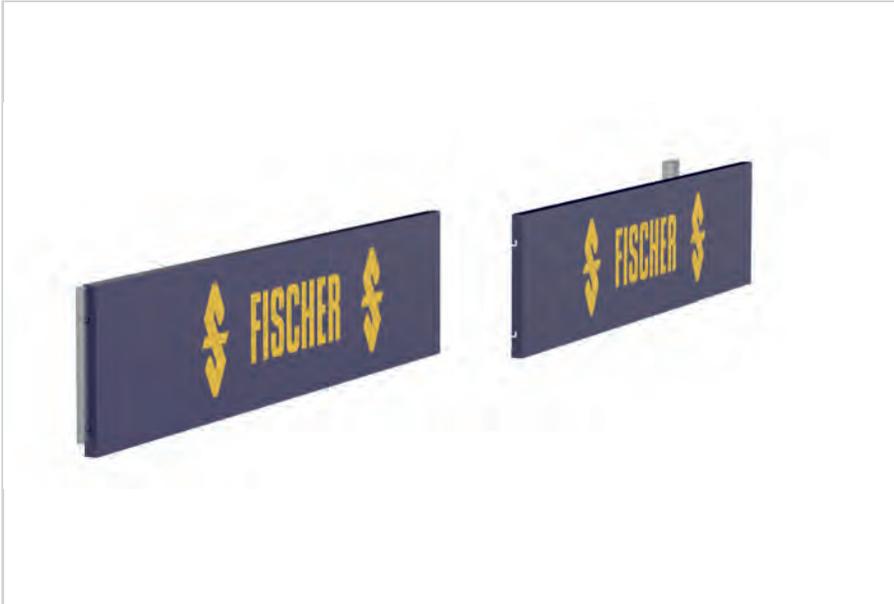|	
MATERIAL	Compound safety glass, consisting of: 2 x 5 mm single-pane safety glass Stainless steel base
PROCESSING	Both sides can be used Visible surfaces separated with white block-out foil attached in the middle
INSTALLATION	Free-standing or bolted to base plate
ADVANTAGES	Elegant, free-standing stele

FACADE STRIPS
Aludibond

MATERIAL	4 mm Aludibond pre-coated in RAL 9016
PROCESSING	Dibond milled in, sharp-edged and glued
INSTALLATION	For suspension to attachment bracket using a bayonet connection
ADVANTAGES	Low-cost alternative to aluminium panels Even surface

INSTALLATION
LETTERBOX /
MONITOR
for pylons, steles,
banners

MATERIAL	Stainless steel letterbox or individual customer item DIN C4
	Screen individual customer item Fan included in installation
PROCESSING	Letterbox DIN C4 format or screen (individual customer item) for installation in pylons, steles and banners
INSTALLATION	On the corresponding substructure

STAND-BANNER

MATERIAL	Aluminium panel/-banner Painted in accordance with RAL or Sikkens Color Map solid Side support feet made of aluminium or galvanised steel
ILLUMINATION	With or without NNL
INSTALLATION	Feet with flange panels for mounting onto the foundation Banner/panel with spacer mounted between the feet