



NICKEL
CREATIVE SOLUTIONS

3D letters
and lightboxes





Welcome to
the world of
Channel Letters



Illuminated channel letters

- + channel letters
- + many technical solutions
- + non-standard designs
- + several models
- + illuminated letters and signs



Nickel specializes in the production of channel letters and advertisements offering many finishing types and methods.

We create letters and 3D characters using modern methods of forming and processing materials.

Technology and creativity give us the opportunity to make ordinary things in extraordinary ways.



3D letters

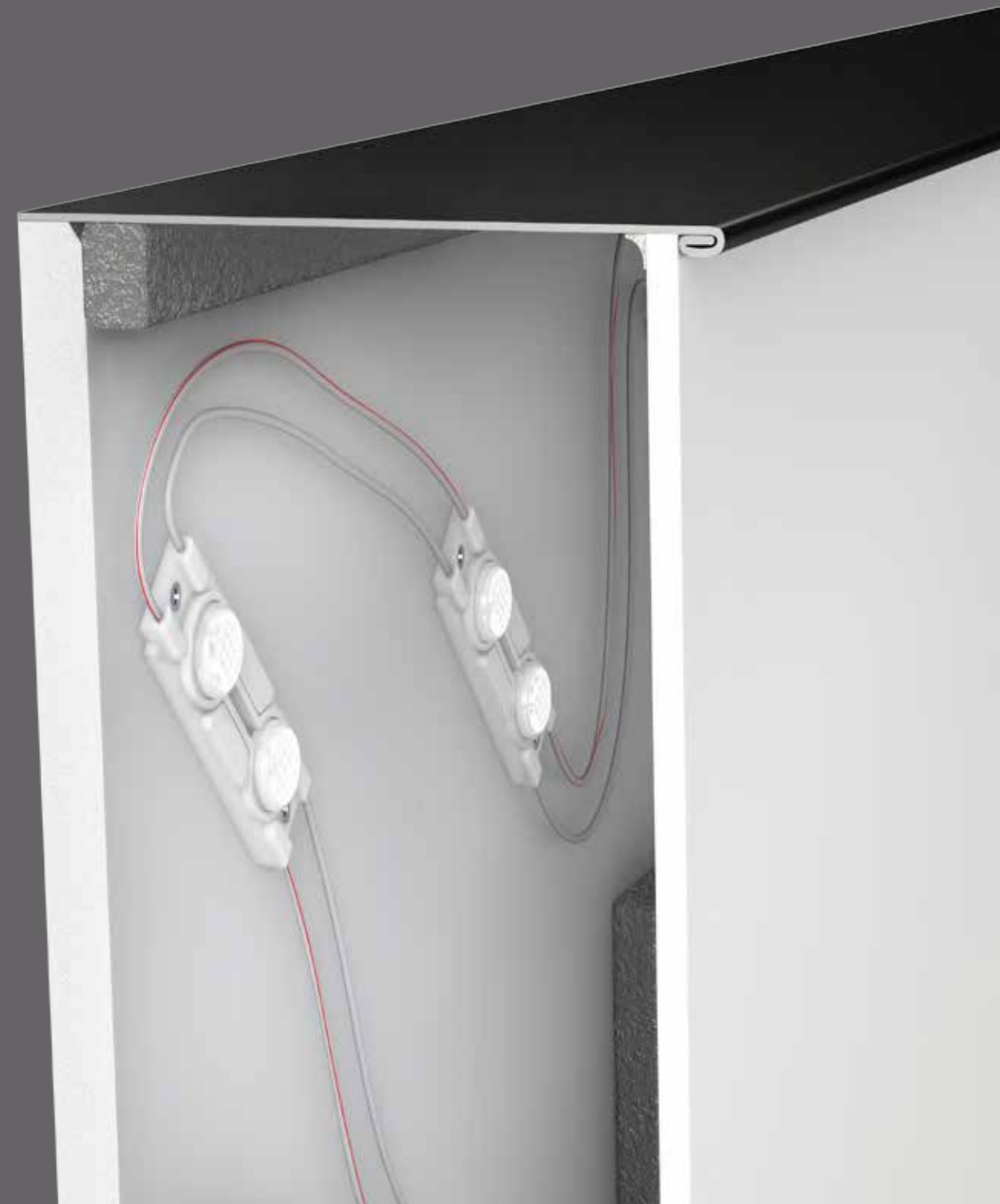
Using the latest 3D letter production technology allows us to produce the most imaginative and complex spatial forms.

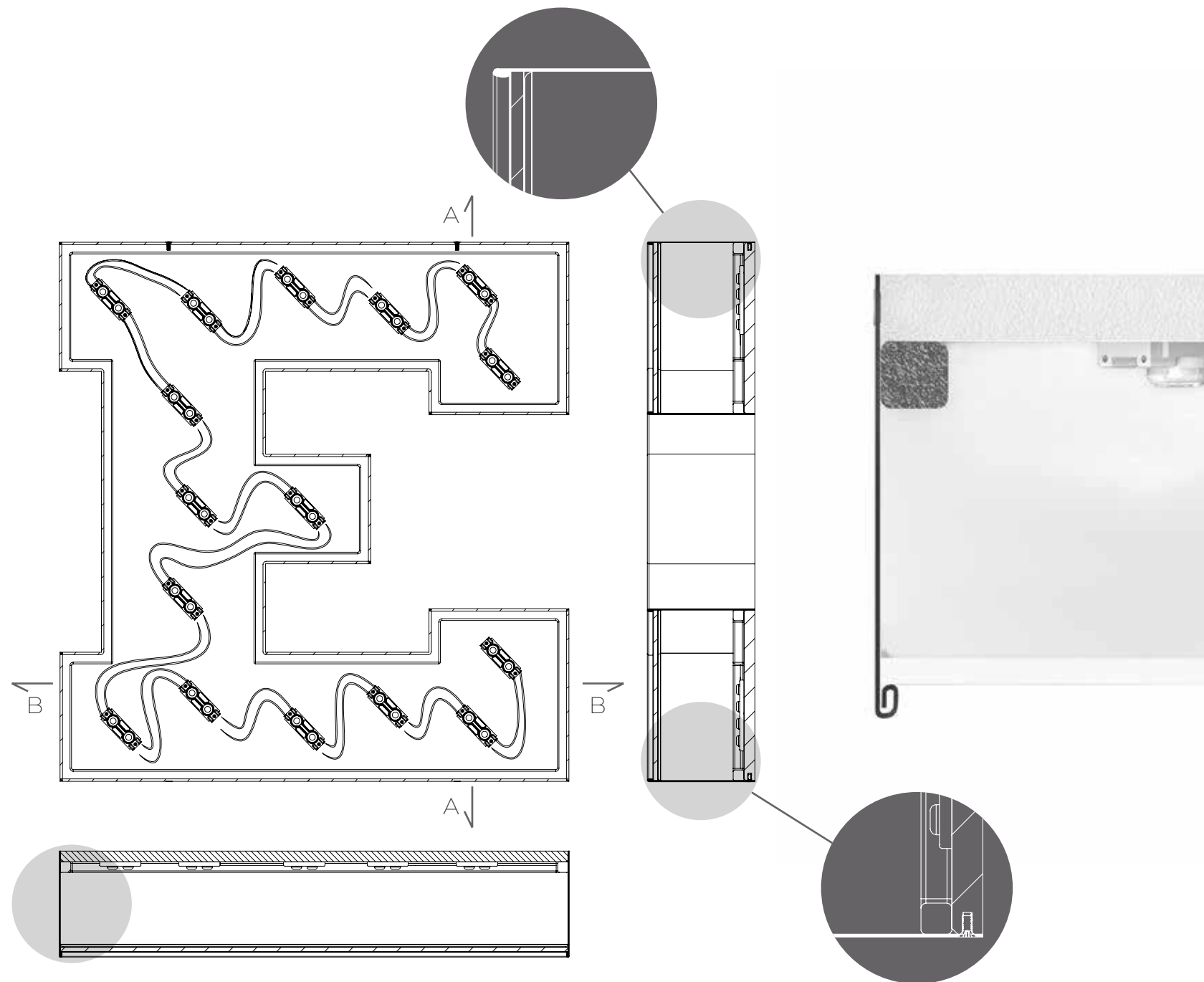




Model D

This is the cheapest and easiest letter to produce in the offer. The tape has a double fold, which strengthens the whole construction and gives the letter an elegant look. The model allows creating even the most complex shapes.





PVC 10mm
foam tape
double bent AL tape
glue
PMMA 4mm

Model D

suggested height:

15 -120 cm for exteriors,

15 -150 cm for interiors

*it is recommended to use for more complex shapes, with long straight lines waving may occur

depth: 60 mm, 88 mm, 120 mm

coloring: ready-to-use palette and brushed silver and brushed gold

side: 0.7 mm double folded aluminum tape

front: plexiglass 3 - 4 mm

back: PVC 10 mm

optional backlighting: front (F), back (B)

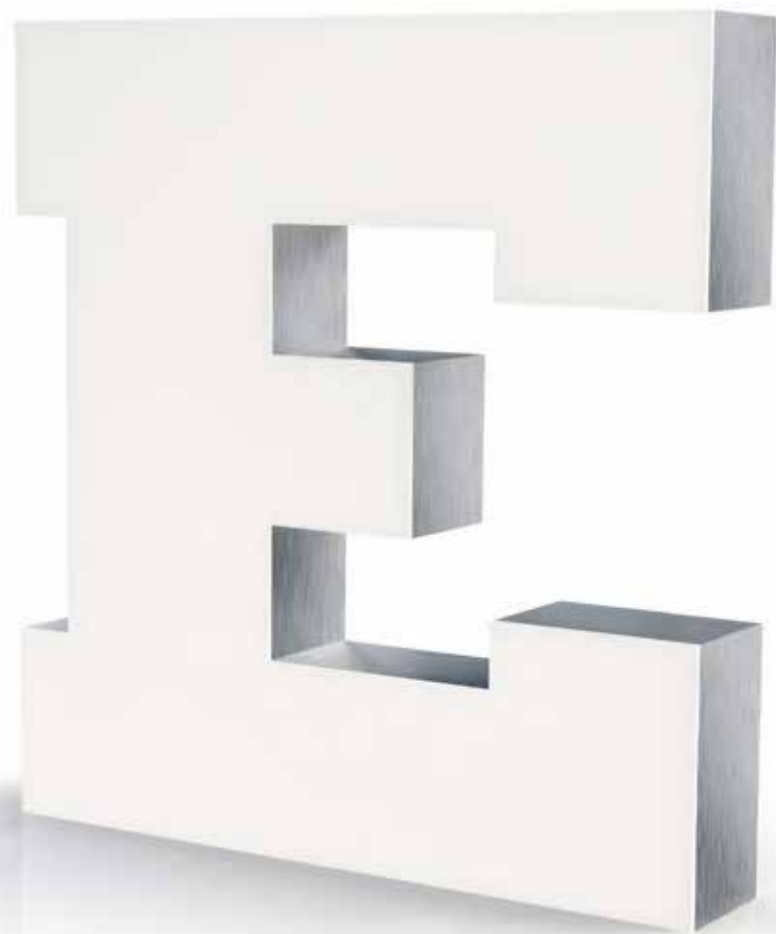
use: interiors and exteriors

Advantages:

- possibility to create even the most elaborated and complex shapes
- low price
- quick production
- wide range of ready-made colors

Available colors of the tape:

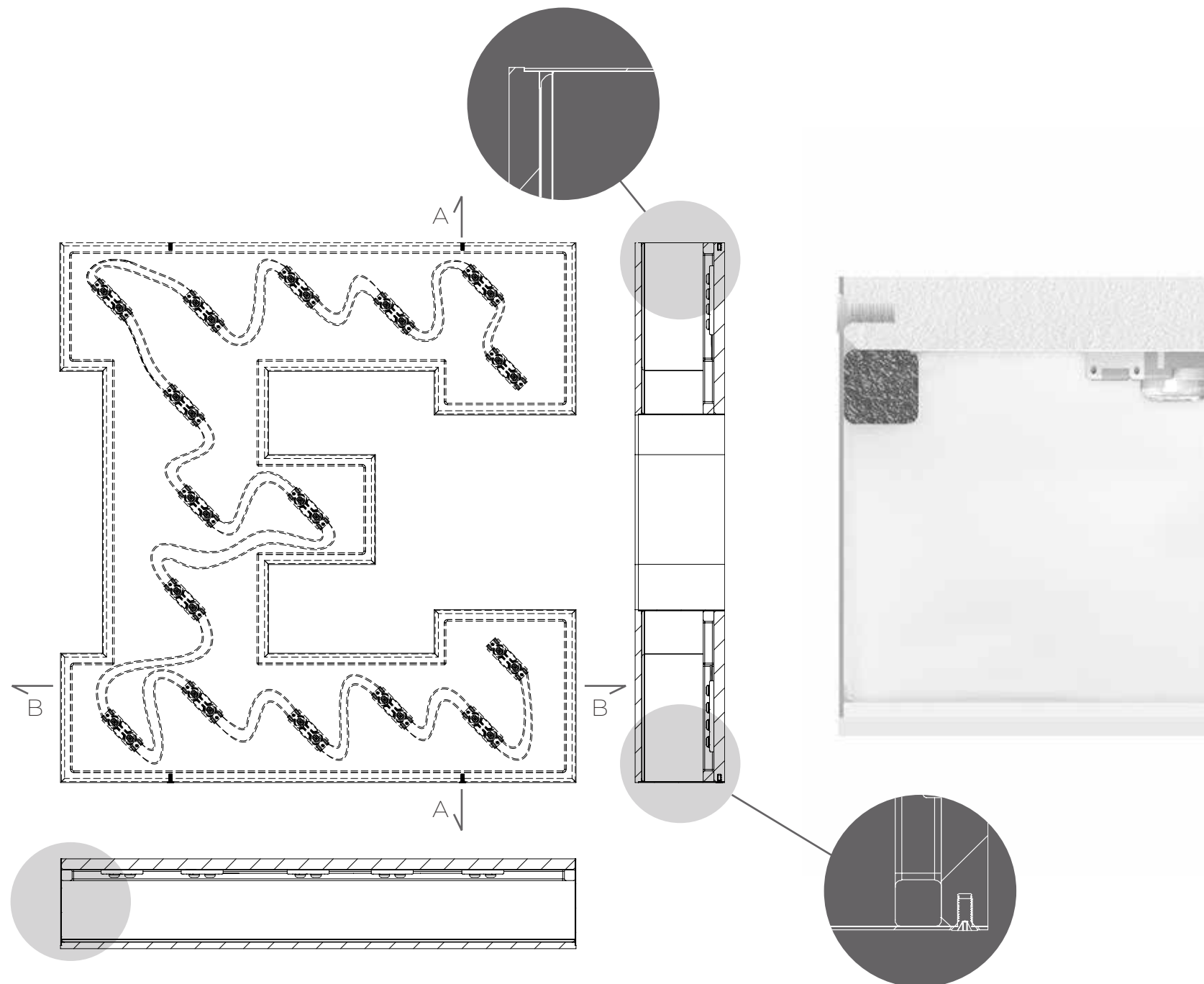




Model P

Letters made of aluminum tape are a very aesthetic and inexpensive solution. This model allows to bend any, even the most complicated shape. The feature of this model is the lack of a visible edge from the front. Recommended for more complex shapes, with long straight lines waving may occur.





PVC 10mm
foam tape
AL tape
glue
PMMA 4mm

Model P

suggested height:
5 - 70 cm for exteriors
5 - 70 cm for interiors
depth: 40, 60, 100 mm
side: 0.6 mm aluminum tape in basic colors, brushed silver aluminum or brushed gold
front: plexiglass thickness 3 - 4 mm
back: PVC 10 mm
optional backlighting: front (F), back (B), front+back (FB)
use: interiors and exteriors

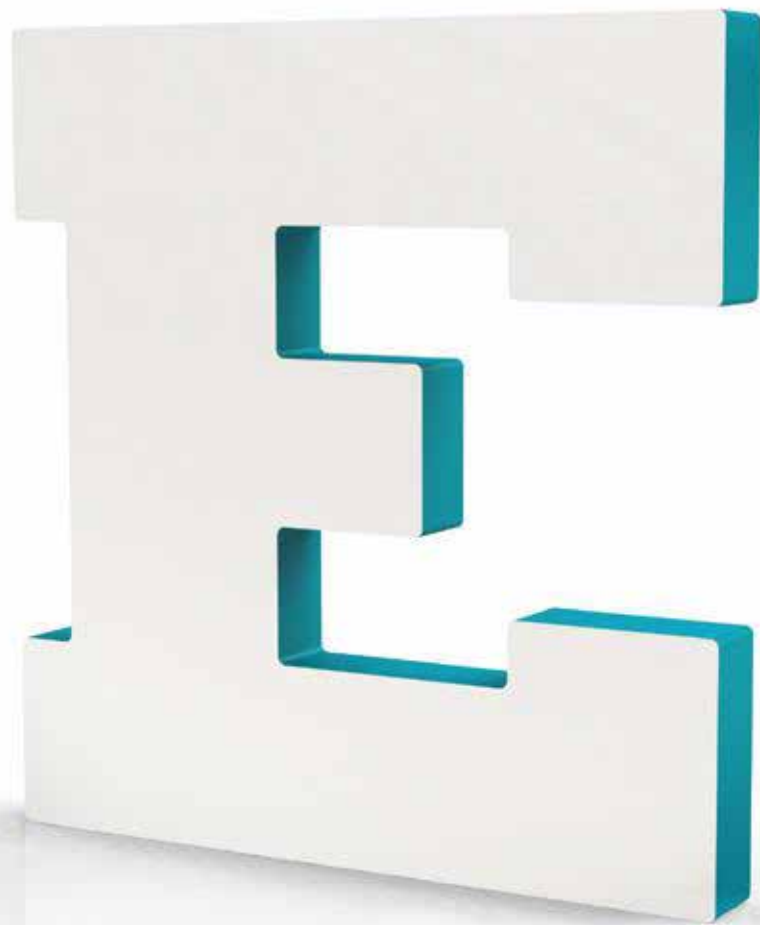
Advantages:

- no edge
- wide range of ready-made colors
- low price
- quick production

Available colors of the tape:



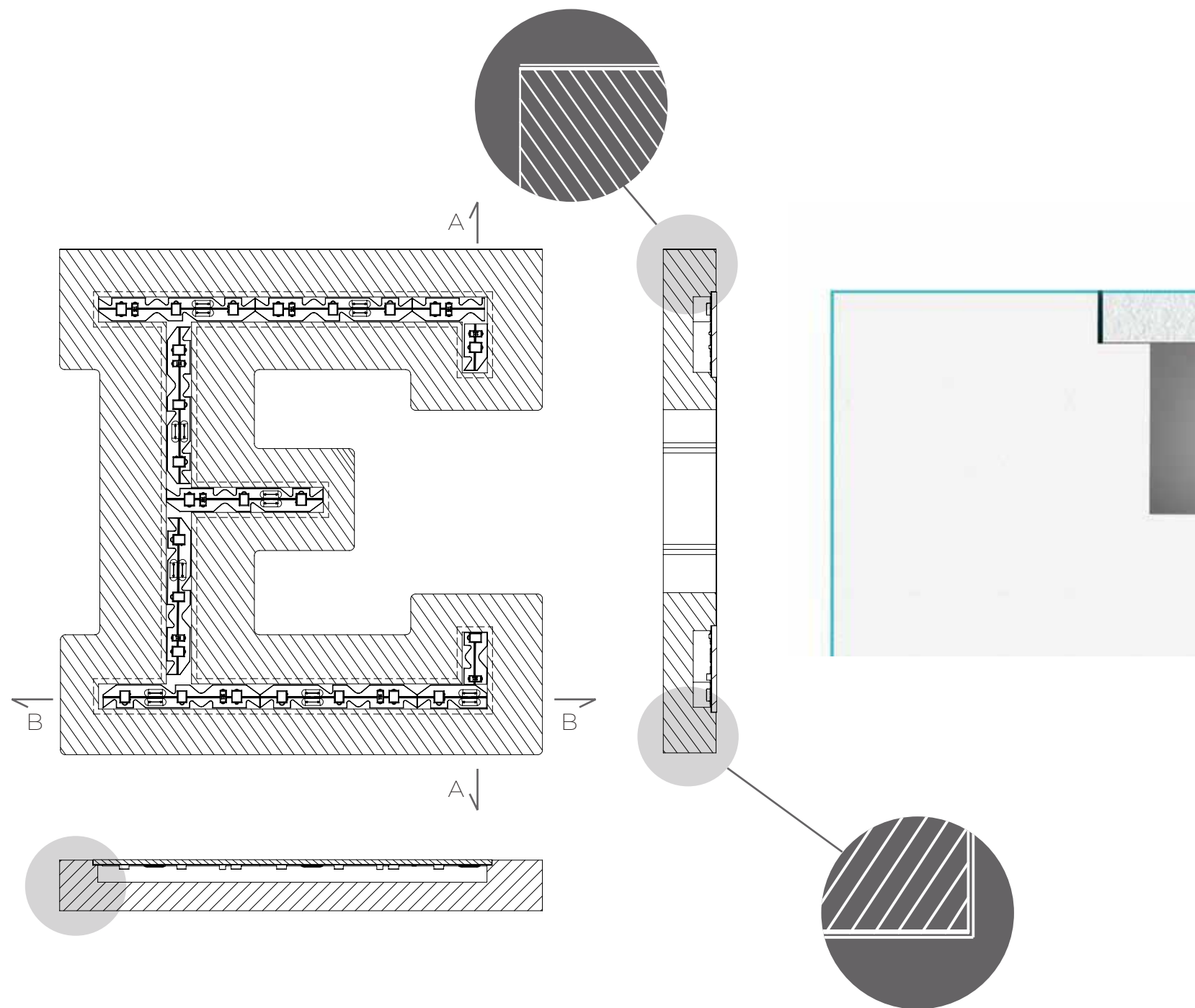
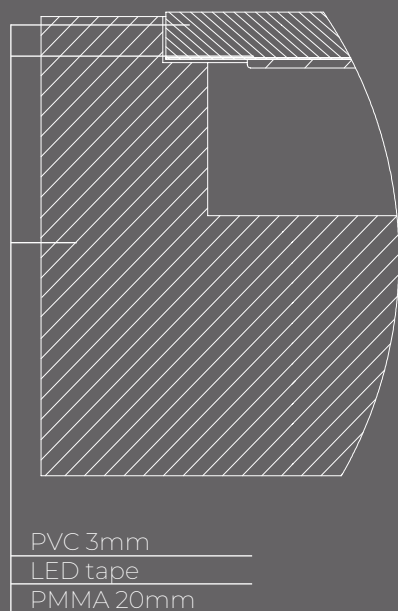




Model Acrylic

This model is distinguished by minimalism and simplicity of the form giving a luxurious final appearance of the character. The letter is made of one piece of plexiglass block, with the side lacquered in any color. The only model that allows backlighting the side of the letter.





Model Acrylic

suggested height: 5 - 70 cm

depth: 30 mm

side: spray painted in NCS colors

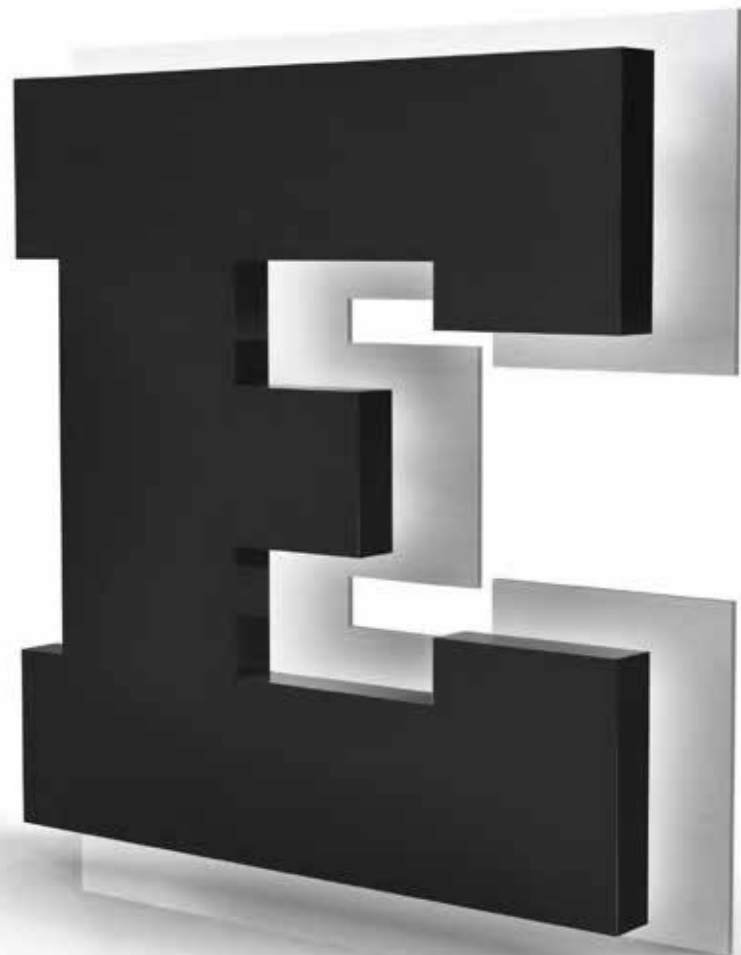
front: white or colored

optional backlight: front (F), back (B), front+back (FB)

use: interiors and exteriors

Advantages:

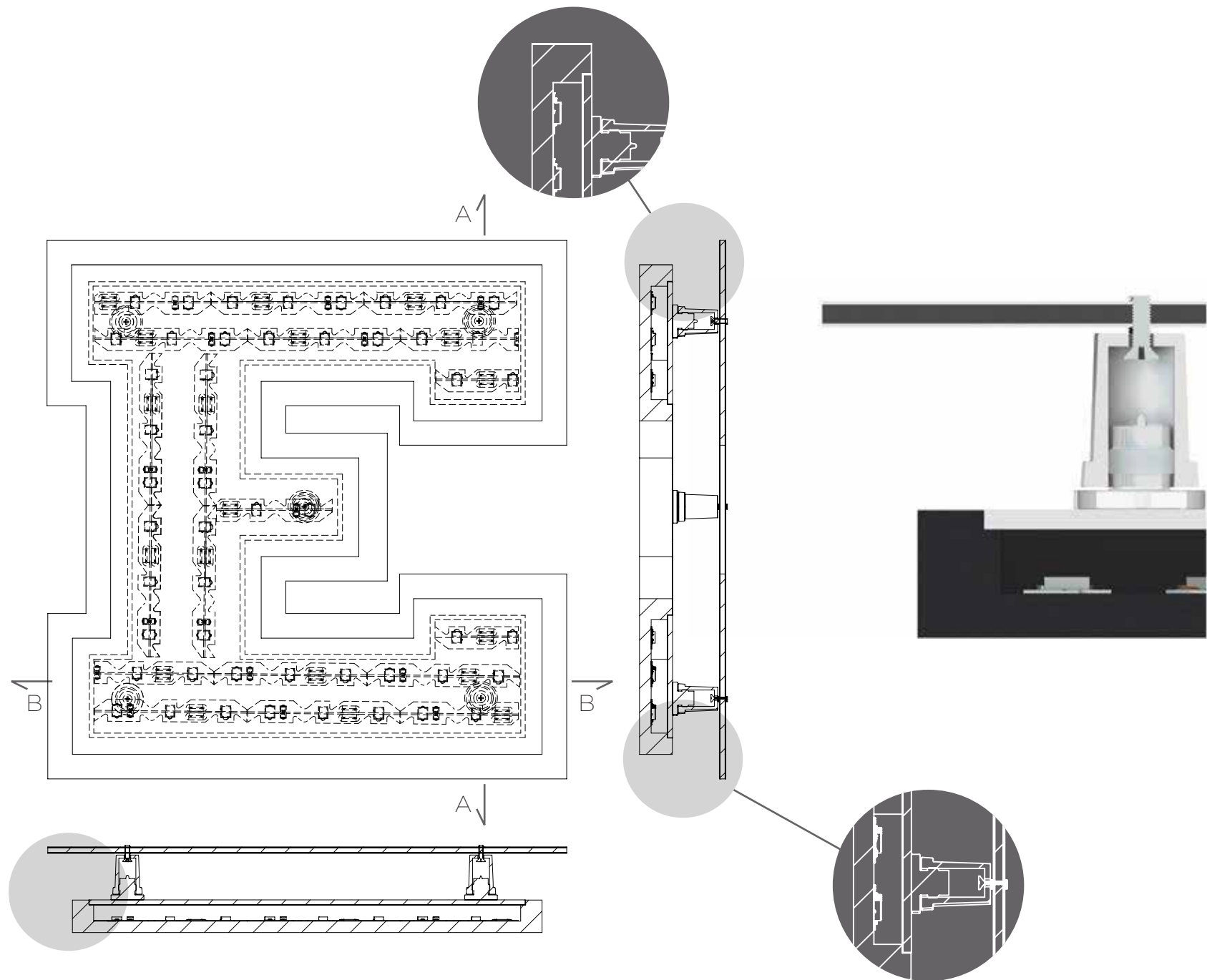
- unique form
- small depth
- side lacquered with any color
- very high quality of workmanship
- monolith, without visible material combinations



Model Hallo

Letter with backlighting that offers very interesting visual effects. Letters are installed on extensions; this solution allows the light to spread and gives the effect of lightness and elegance.





Model Halo

suggested height:

10 - 200 cm for interiors and exteriors

depth: 10 - 20 mm

front: PVC or spray painted composite

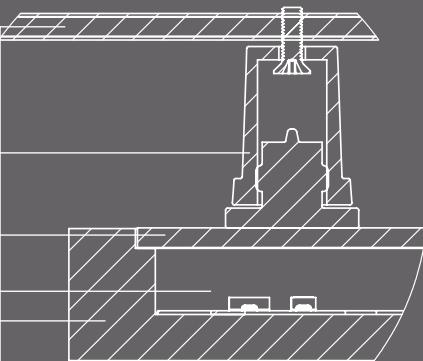
extensions: 20 - 50 mm

optional backlight: back (B)

use: interiors and exteriors

Advantages:.

- optional LED RGB
- subtle and delicate backlighting
- visually interesting „halo” effect
- any RAL coloring



wall
extension
PMMA opal
LED tape
painted PVC



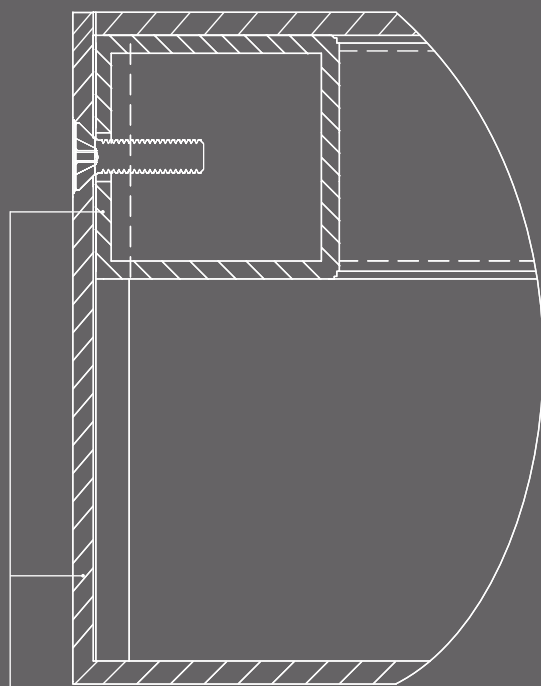




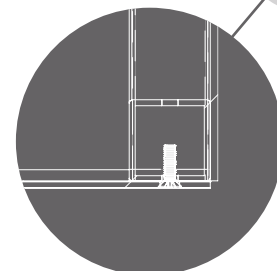
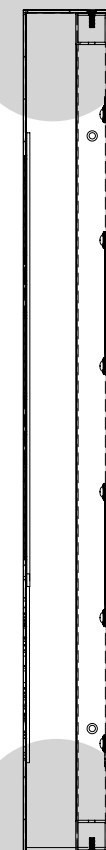
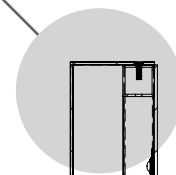
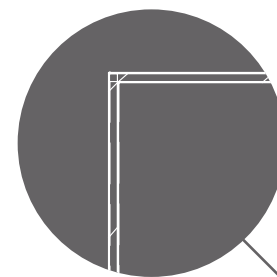
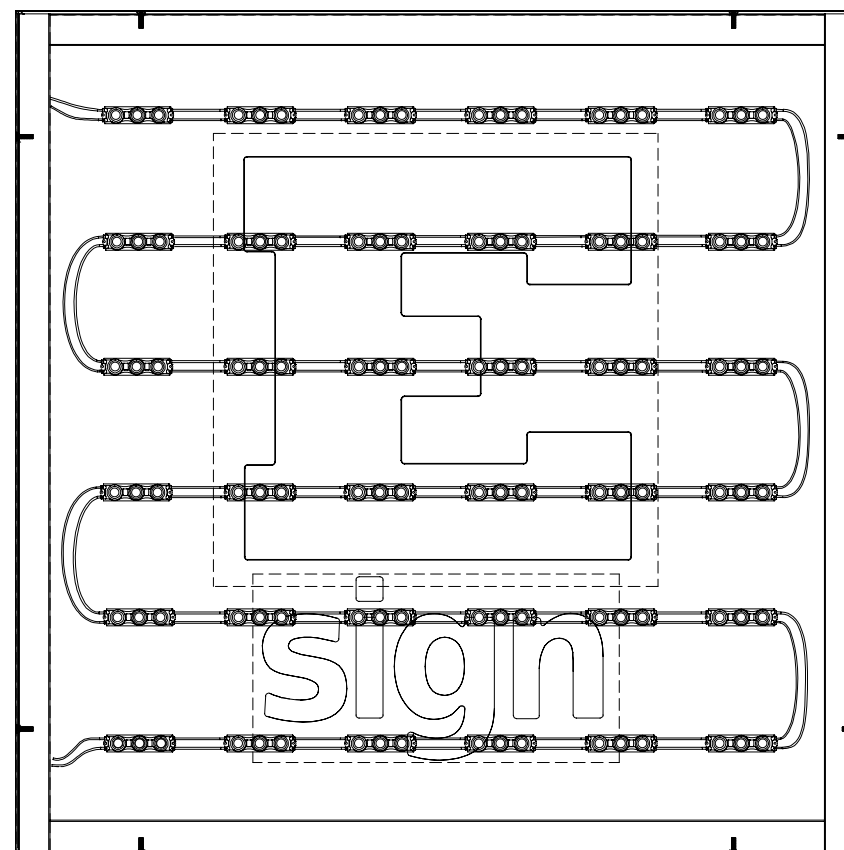
Model K1

The most popular and fast in production model of a lightbox. Made of composite plate allowing for aesthetic bending of material so that the face and sides are made of one element. The assumption of this solution is to backlight the selected elements cut in front.





dibond
aluminium profile



Model K1

bended composite lightbox

Face - composite panel (Dibond)
Side - composite panel (Dibond)
Back - composite panel (Dibond)

Dimensions:
max. 188 x 388 cm - as one element
depth - 60 mm, 100 mm

Backlight:
LED modules on the back or on the edges

Composite finishing:
Face and side (optionally the back)

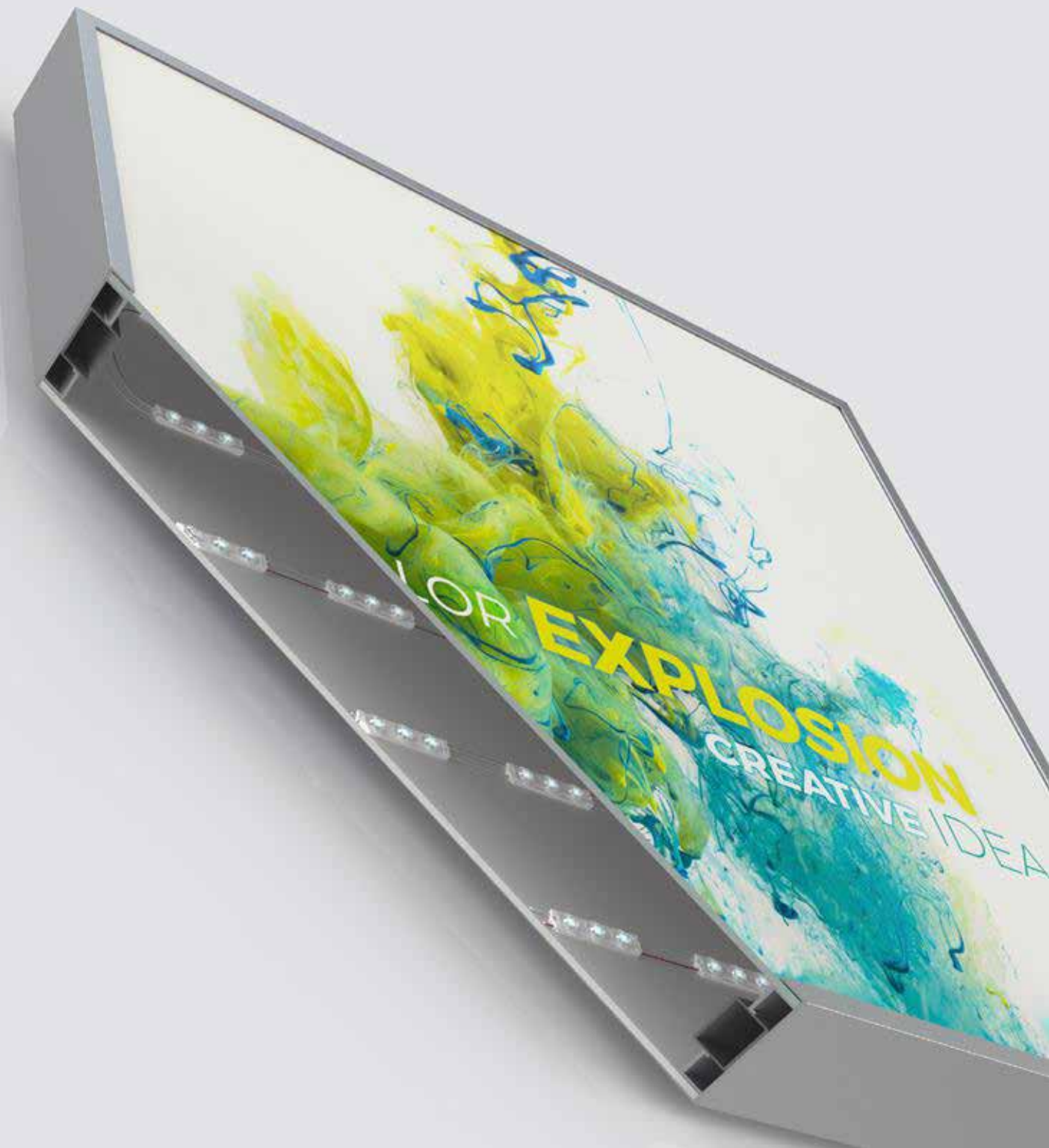
- basic or special colours
- painting
- print
- foil

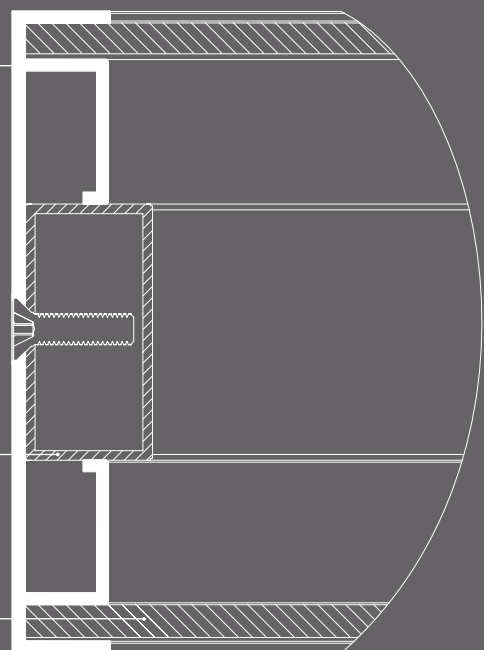
Graphics:
- backlight, no backlight
- concave, flat, three dimensional
- direct print, print on foil
- foil cut out



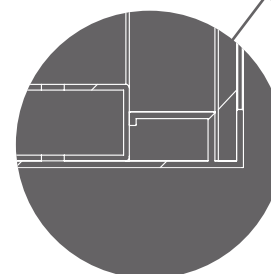
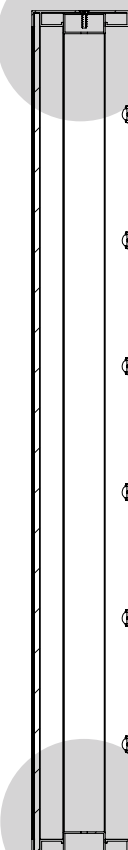
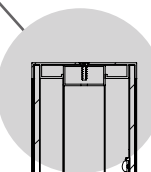
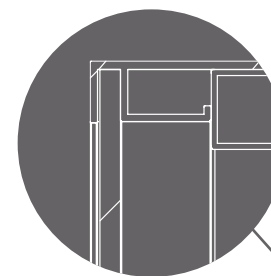
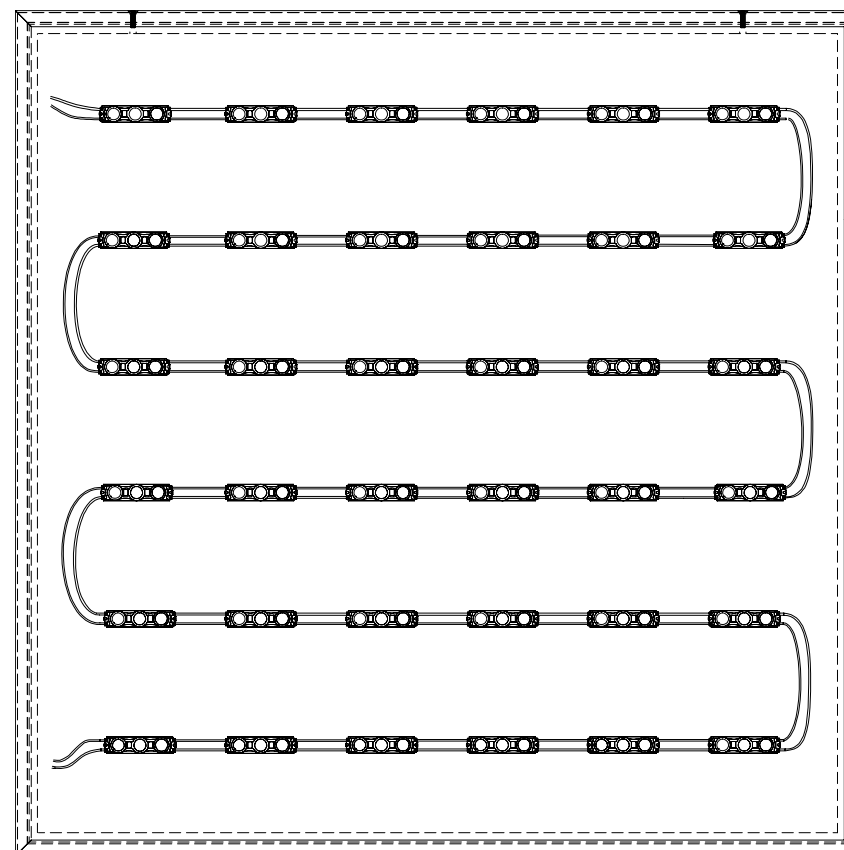
Model K5.2

This classic solution of a lightbox used in advertising with entirely backlit face. Possibility of using larger profiles differentiates it from K5.1 model. The side is made of aluminium profile. It has the grooves for sliding in the front and the back. This is simple and cost effective model.





aluminium profile
aluminium profile
PVC



Model K5.2

lightbox made of aluminium profiles

Face - plexiglas, polycarbonate, composite panel, other

Side - aluminium profile

Back - composite panel, PVC

Dimensions:

max. 200 x 300 cm - as one plexiglas element

max. 200 x 400 cm - as one composite element

depth - 100 mm, 140 mm, 160 mm, 180 mm

Corners:

- straight
- rounded

Backlight:

LED modules on the back or on the edges

Graphics:

- backlight, no backlight
- direct print, print on foil
- foil cut out

Side: painted aluminium



FS1: opal P MMA

Backlit graphics:
foil cut out
for backlight



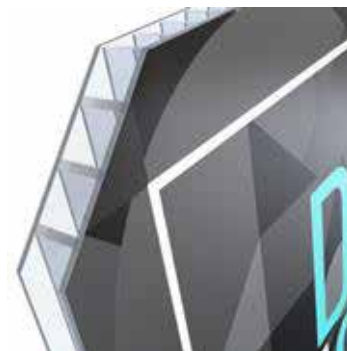
FS2: opal PMMA

Backlit graphics:
UV print direct on panel,
print on foil for backlight
glued on the face



FS3: PMMA colourless

Backlit graphics: UV print
with white colour glued
directly on the panel from
the back or cut out
monomeric foil



FS4: multi-chamber
polycarbonate

Backlit graphics: print
on backlight foil to face



FS5: Aluminium sheet, Dibond

Backlit graphics
glued: graphic element
cut in the panel and glued
From the inside of opal PMMA
inside covered with adhesive
colour foil



FS6: Aluminium sheet, Dibond

Backlit graphics filled: graphic
element cut in the panel and filled
with opal or colour PMMA



FS7: Aluminium sheet, Dibond

Backlit 3D graphic: graphic
element cut out in panel
and filled with thicker,
protruding opal PMMA covered
with adhesive colour foil



FS8: Aluminium sheet, Dibond

Unlit graphics: UV print
directly on panel, print on foil
glued to face



FS9: Aluminium sheet, Dibond

Unlit graphics: cut out colour
foil glued to the face



FS10: Aluminium sheet, Dibond

Unlit 3D graphic: graphic
element cut out in thicker,
protruding white plastic or
colourless plastic covered with
adhesive foil



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