

NAVIGATING THE WORLD OF EUROPEAN LED SIGN SPEC

common EU standards you need to know

PROFILE 3

Halo-lit Fabricated Aluminum Letters

Constructed of fabricated aluminum, LEDs should be pointed toward the inside of the face for the best halo effect, avoiding reflection of diodes on the mounting surface.

PROFILE 5

Trim-capped Channel Letters

Designers don't like trim, and these days there are plenty of fabrication methods to avoid it. That said, this is still the most common letter form in the world. European trim cap has an "F" profile for improved form versus American "P" profiled trim cap.

PROFILE 5S

Trimless Fabricated Aluminum Letters

This is a great letter form for achieving a trim-less, clean-designed look that balances economy with design intent. Fabricators often "step out" the acrylic face with edges that extend beyond the aluminum "can" to prevent light leakage in cold climates. But European standards avoid the need for this tradeoff so returns are truly flush to the face. For outdoor applications, louvre-style weep holes are recommended to vent light toward the back of the letter, hiding weep holes day and night.

PROFILE 8

Fabricated Acrylic Letters

Fabricated letters with face and returns made of translucent acrylic, for total illumination. Make sure your preferred fabricator or wholesale manufacturer uses cast acrylic rather than extruded acrylic to optimize light diffusion quality. An overlay of translucent vinyl in a variety of color palettes (or printed vinyl for an exact Pantone match) can result in a stunning look.

PROFILE 11

Solid Cast Block Acrylic Embedded LED Letters

For precision illumination in placemaking environments. Letter strokes and serifs only 1mm wide, letter heights down to 2 inches, face-lit depths down to 25mm (less than an inch) and halo-lit depths down to 10mm deep produce the most precise illuminated letter form, optimal for close viewing distances.