

BEGA

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Precision Laser Etching

Precision Laser Etching by BEGA

Precision Laser Etching is an in-house marking service that allows luminaires and furniture to be permanently customized with branding, symbols, identification marks, and project-specific graphics applied directly to the fitting or luminaire housing, providing a simple way to integrate identity, organization, wayfinding, and visual detail into a site's furniture and lighting systems.

From civic campuses and hospitality environments to transit hubs and corporate headquarters, modern projects demand both technical precision and visual identity. Precision Laser Etching allows luminaires to become part of that language — carrying branding, organization, and information in a way that is as permanent as the architecture.

How it Works

Using a precision-controlled laser, markings are etched into powder-coated aluminum and stainless steel surfaces with exceptional clarity and durability. The result is a permanent, high-contrast mark that will not fade, peel, or degrade over time, even in demanding outdoor environments. Because the mark becomes part of the luminaire or furniture itself, there are no labels, plates, or inks that can be removed, damaged, or altered.

Precision Laser Etching is a non-contact, additive-free process. It does not penetrate the material, compromise corrosion resistance, or interfere with the integrity of powder coating or stainless steel. BEGA's long-standing standards for durability, weather resistance, and long-term performance remain fully intact.

Advanced Results on Stainless Steel

On stainless steel luminaires, Precision Laser Etching offers even greater design flexibility. By carefully controlling laser intensity and timing, the surface can be selectively oxidized to produce high-contrast marks or subtle color effects. This enables sophisticated, durable visual accents that remain fully resistant to corrosion and environmental exposure.



More Than a Logo

Precision Laser Etching enables far more than simple branding. The technology supports a wide range of functional and aesthetic applications, including:

- Company logos and brand marks
- Project or campus identifiers
- Numbering and wayfinding
- Symbols, icons, or security markings
- QR codes and traceability features

Design Support

To simplify implementation, BEGA also offers optional graphic design support. If a project team does not have production-ready vector artwork, BEGA can assist in developing logos, symbols, numbering systems, or graphic layouts suitable for laser etching, ensuring the final result aligns with both design intent and production requirements.

How to Specify

Precision Laser Etching is specified through BEGA's standard product modification process. This ensures laser-etched luminaires are correctly documented, quoted, and manufactured to BEGA's quality standards.

To review artwork, establish nomenclature, and receive project specific pricing and lead time information, contact BEGA at info@bega-us.com.



