



Luma 3D Channel Letters.

Brilliant. Sustainable. Customisable.

modulex

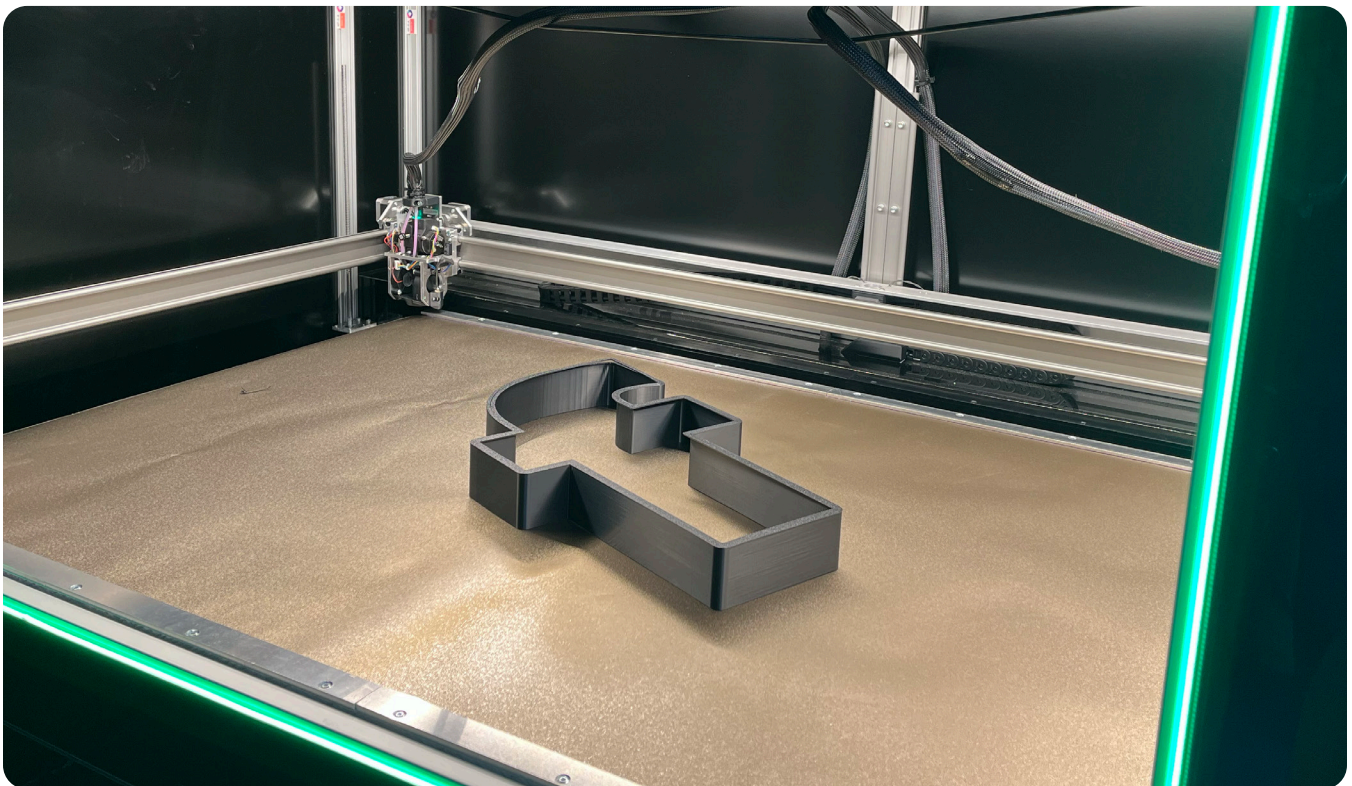
www.modulex.com

Meet Luma.

Luma is an innovative, in-house produced 3D channel letter system from Modulex, designed for modern branding, long-lasting performance, and a more sustainable approach to illuminated signage. With the acquisition of the SAGA 3D printer, a fully automated machine developed in Denmark, our vision for in-house production of custom channel letters became a reality. Combining advanced 3D printing technology with local Danish production, Luma delivers outstanding quality, design flexibility, and responsible material use.

Traditional channel letter manufacturing often relied on outsourcing, labour-intensive fabrication, and significant material waste. By bringing production in-house with state-of-the-art 3D printing, Modulex streamlines the process, reduces waste, and ensures consistent, high-quality results for custom illuminated letters.

Luma signage stands out day and night, supports your sustainability goals, and helps reduce the environmental footprint of your project without compromising on performance or creativity.



Materials & Specifications.

Luma is crafted using ASA (Acrylonitrile Styrene Acrylate), a high-performance thermoplastic chosen for its durability and sustainability. This material supports circularity and reduces waste, making Luma a smarter alternative to traditional channel letters.



> Key Features:



UV & Weather Resistance: Maintains integrity in harsh conditions.



Extended Lifespan: 10+ years outdoors.



Heat Resistance: Up to 94°C.



Impact Performance: Strong mechanical strength.

Each letter face is finished with 3 mm Green Cast® recycled acrylic, and branding can be enhanced with ECO-solvent print and translucent vinyl graphics for vibrant, custom designs.

> Colour Options:



White:
Approximately RAL 9001



Grey:
Approximately RAL 7001



Black:
Approximately RAL 9005



> Sizes & Dimensions:

Maximum Letter Size: 1000 × 600 mm (39" × 23")

Depths: 50 mm, 80 mm, 110 mm (2", 3.1", 4.3")

Print Margin: The printer operates from the light area, causing actual letters to be approximately 9 mm larger on all sides.

Illumination & 3D Printing.

Luma combines precision 3D printing with advanced LED illumination to deliver signage that is efficient, consistent, and visually striking. Built-in light cubes provide bright, even lighting, while optimised distribution ensures uniform illumination across every letter.



› Why Choose Luma?



Greener Alternative: A sustainable solution that reduces carbon emissions and supports circular manufacturing practices.



Flexible Design: Adaptable to diverse branding needs with options for colour, depth, and integrated graphics.



Durable Materials: Engineered for longevity with advanced thermoplastics and recycled acrylic, ensuring reliability in demanding environments.



Integrated Illumination: Purpose-built LED technology for consistent, energy-efficient lighting that enhances visibility.



Responsible Production: Prioritises resource efficiency and local sourcing to minimise environmental impact throughout the lifecycle.



From sleek wayfinding to bold architectural features, every Luma installation is crafted with the same precision, durability, and advanced 3D-printed performance that defines our approach to illuminated signage.

Choosing Luma means choosing a smarter, more sustainable solution for your brand.