

SEI Laser BLU line is:

• **Flatbed plotter Series**



Flatbed plotter series **can cut and engrave PMMA plates** with laser quality for LED LGP application from 3 to 6 m²/h according to needed light specifications.

Cutting edge CO₂ laser cutting and marking systems equipped with high performing linear motors. High speed and a friendly use are among the main features.

The CO₂ laser cutting and marking systems from SEI Laser are designed for professional use on a large array of materials with working area up to 2000x3000 mm. The wide range of options include CCD camera and twin table with external table changer for minimizing loading/unloading time.



• **Galvo Series Flexi BLU**



Galvo Series Flexi BLU **can laser engrave PMMA pre-cut plates** for VISUAL DISPLAYS application up to 30 m²/h, LIGHTING application up to 20 m²/h, TV MONITOR application up to 15 m²/h.

Flexi 600 BLU exploits proprietary SEI Laser technology to produce micro-dots by light guide (for LED LGP) on single plates up to 600x1200 mm regardless of thickness.

The new Flexi 800 BLU and Flexi 1200 BLU extend the Flexi 600 BLU capabilities and productivity thanks to a larger processing area up to 1200x3000 mm and a twin exchanging pallet configuration for minimizing loading/unloading time.



• **Galvo Series Matrix BLU**



Matrix BLU **can laser engrave PMMA pre-cut plates** for LED LGP application up to 50 m²/h according to needed application.

Matrix BLU exploits SEI Laser proprietary technology to produce micro-dots (for LED LGP panels) on plates up to 2000x3000 mm regardless of thickness. The output is 10 times bigger on standard plates and common PMMA than that obtained by exploiting traditional technologies or other laser solutions.



Let your creativity out!



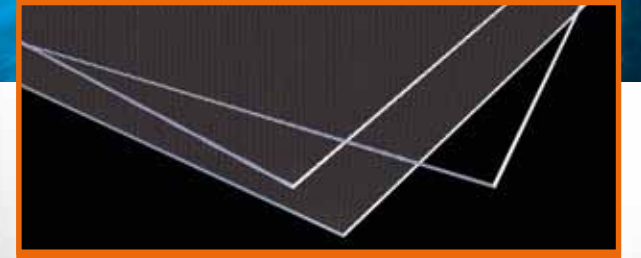
ABBIAMO LIBERATO LA LUCE
(WE RELEASED THE LIGHT)



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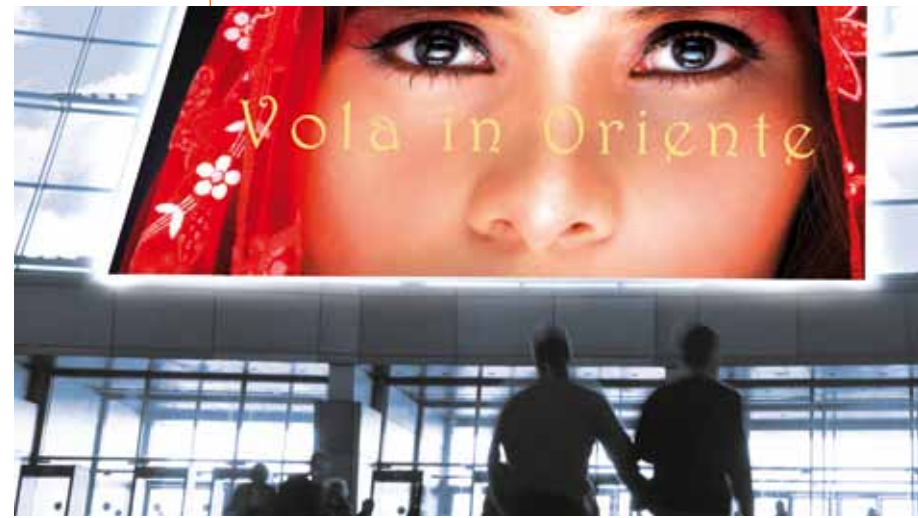
ed. 09/2016

BLU LINE BACKLIGHTING SOLUTIONS



VISUAL COMMUNICATION

MORE light for a brighter communication



LIGHTING

MORE light for a brighter design



TV MONITOR & TECHNICAL LIGHTING

MORE light for a brighter vision

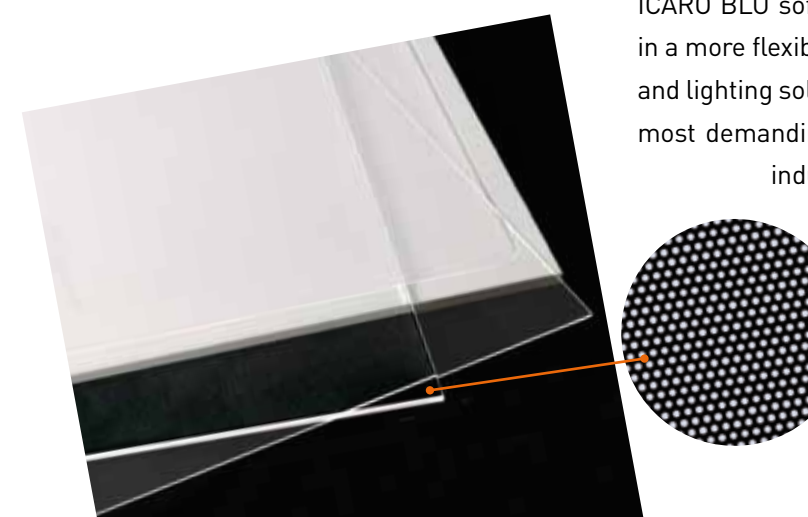


For over 30 years SEI Laser has been a leading company in the design and manufacture of industrial laser cutting and marking systems. SEI Laser is now pleased to present **BLU line**, its new range of laser systems specially designed to produce light guide plates exploiting LED technology in backlights panels.

BLU line is the outcome of SEI Laser R&D expertise and professional skills and it offers high tech laser systems driven by the proprietary software ICARO BLU, which is a very powerful tool, with an algorithm and functions tailored for LGP production.

SEI Laser **BLU line** is the right solution for producers in backlighting, interior design and visual communication. For those who work in the field of acrylic fabrication **SEI Laser BLU line** will unveil a new range of bright ideas, thanks to its flatbed cutting and marking series and embedded ICARO BLU software. It enables to select and position the components in a more flexible way so as to obtain the best result. In addition to visual and lighting solutions, **SEI Laser BLU line** meets the requirements of the most demanding industries such as TV monitor and technical lighting industry (automotive, safety, avionics, general cockpits).

Unlike traditional technology and laser systems available on the market, **SEI Laser BLU line** marks the beginning of a new era in the LED LGP plate production.



SEI Laser BLU line key features are:

Quality: maximum uniformity of light distribution over the entire surface of the plate (up to 2000x3000mm), resulting in the best LGP LED panel; superior brightness with long lasting results;

Productivity: max 50m²/h depending on the system selected and the LGP plate used;

Flexibility: freedom of selection of any size to be produced within the maximum allowed by the specific system, freedom of choice of any standard PMMA high grade acrylic sheets, freedom of choice of any LED strips or LED light bars.

BLU line added value:

"What SEI Laser provides you is not LED, profiles, plastic plates but powerful tool **BLU line** that turns your output into the best possible output from the LED panel components you have already selected".

