

A manufacturer's representative with over 30 years experience serving the OEM lighting market.

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## Ingemann LGP - Light Guide Plate

Ingemann LGP is a versatile Light Guide Plate that fits both circular and rectangular fixtures. It is produced in cast PMMA which offers great optical properties in combination with one/two-sided laser engraving. The latter can be optimized to sizes up to 1150mm while maintaining great homogeneity.

[Click here](#) for the data sheet and more information



## Ingemann Success Story -

### Design was way ahead of technical solution

More than 5 years ago, the Austrian lighting manufacturer, PROLICHT decided to enter the highly regulated office lighting market. A market that was characterized by relatively uniform luminaires, typically in the dimensions 600 x 600 mm, but PROLICHT wanted something different. They wanted to design a luminaire that truly stood out from competition.

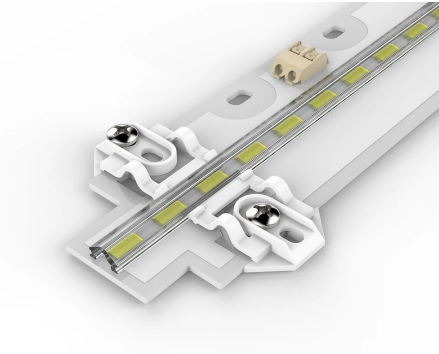
Ingemann Components has specialized in pushing the boundaries of the light guide technology. In close cooperation with PROLICHT, they managed to find a flexible solution that met PROLICHT's requirements to energy-efficiency, glare control and homogeneous light distribution. In the early 2020, the Hadi family of luminaires finally saw the light of the day when it was commercially launched. With Ingemann onboard, the parties managed to find a solution within only 6 months.

To reach more about this success story, [click here](#).

\*Pictured below - The Hadi luminaire family comes in various combinations in terms of shapes, colors and materials.\*



## New Design Services Offered by Ferox Designs



The MILO, Micro Integrated Linear Optic system when designed / specified into existing or new lighting products can significantly increase the overall efficacy and performance of linear commercial LED products.

The OEM commercial lighting markets have become more competitive each year. The ability for an OEM manufacturer to differentiate from competing OEM's is to develop new options for existing product already being offered and to launch new lighting products that meet specific distributed angles and delivered foot candles (fc) but also meet ever changing energy code standards. Integrating the MILO system will greatly increase the overall luminaire performance and reduce manufactured costs.

The Ferox Designs Team offers the MILO solutions as well as design/ engineering services to improve existing luminaires or to develop entirely new luminaires turn-key to an OEM manufacturer.

### DESIGN SERVICES BY FEROX DESIGNS :

- Design Concept- identify the OEM performance criteria
- Design Brief- determine the scope of work required to meet the goal
- Develop and Present the best options for the product solution
- Present engineering review, 3D mock-ups and supporting photometrics
- Review final options and finalize the designs
- Present final design solutions for approval and release

Ferox Designs works with the OEM manufacturer to develop the best program to meet the individual manufacturer including designs within the standards for engineering, designs and parts specifications.

Please [click here](#) or reach out to us for more information!

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