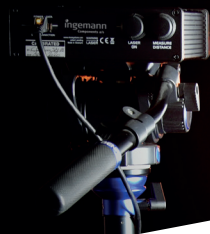
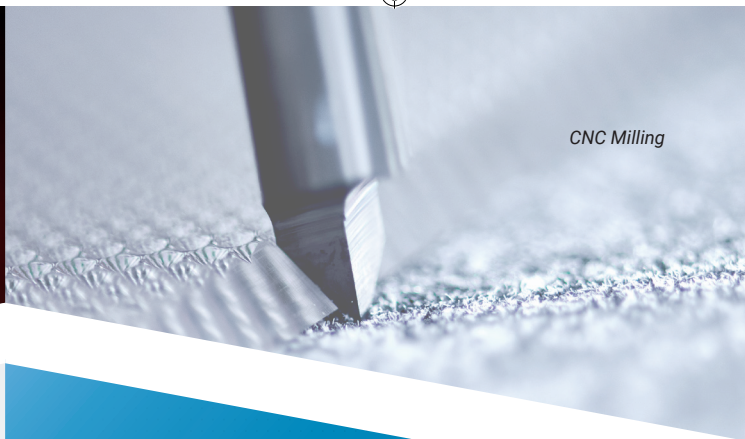


Goniometer



CNC Milling



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Shaping Light
Providing Solutions

LIGHT LABORATORY SERVICE

We are experts in performing light measurements. By using state-of-the-art inspection software, this service can help ensure high quality products and be a strategically important R&D tool, adding value to your production.

We utilize an advanced 2-axis goniometer with precise sensors that allow us to measure your luminaire effectively and provide a full 3D distribution field.

- Lumen/Watt
- UGR value
- Peak Candela
- CRI + TM30
- CIE
- Beam Angle
- Angular Field Distribution
- Power & Power Factor
- And much more!

The final data can be presented in a variety of formats including PDF, LDT, IES, CSV & PNG

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Components a/s

HEADOFFICE & PRODUCTION IN DENMARK

Tingbjergvej 6,
4632 Bjæverskov
+45 4618 6644
sales@ingemanncomponents.com

SALES

SALES DIRECTOR

Jens Præstgård Møller
Mobile: +45 2624 1499
jpm@ingemanncomponents.com

NORDIC, BALTIC & USA

Karsten Lindorff Nielsen
Mobile: +45 3020 2552
kl@ingemanncomponents.com

GERMAN SALES OFFICE

Wiesenstraße 9a
59755 Arnsberg

D-A-CH

Sven Betten
Mobile: +49 151 56287269
sb@ingemanncomponents.com

D-A-CH, POLAND AND BeNeLux

Thorsten Betten • Sales manager
Mobile: +49 176 40238058
tb@ingemanncomponents.com

FRANCE, SPAIN, PORTUGAL & ITALY

Philippe Chazal
Mobile: +49 152 29071966
PC@ingemanncomponents.com

www.ingemanncomponents.com



The making of LGP

ingemann

Components a/s

Light Guide Plate

ABOUT US

We provide innovative, sustainable, and custom-made optical light solutions to the European lighting industry. In cooperation with our customers, we shape light and engage in the co-creative product development process offering both specialized and standardized components.

PRODUCT RANGE

Our broad portfolio of products allows us to find the solution that meets your requirements to functionality, efficiency, quality, and price. Our raw materials are sourced from leading global producers and stock is kept locally to ensure efficient delivery.

- Microprisms
- Light Guide Plates
- LED Diffusor Sheets
- LED Diffusor Films
- LED Reflectors
- Suspension Solutions

SERVICES

Together with our customers, we provide the optimal optical lighting solution for the individual project. Besides our products, we offer an extensive array of services.

- Co-development of sustainable solutions
- Light laboratory for test & documentation
- Light simulations
- CAD/CAM
- Kitting solutions ready to assemble in your production line
- Logistics
- Global Partner Network
- Advanced technical expertise
- CO₂ Calculator

PRODUCTION CAPABILITIES

- 3D print
- Roll-slitter
- CNC milling (3/5 axis)
- CNC knife
- Laser cutting
- Laser engraving
- Laminating
- Thermoforming

LIGHT GUIDE SOLUTIONS

We offer a variety of light guide solutions based on advanced laser technology. It allows for flexibility in order sizes and customization of products, without any additional costs. Our optical engineering team develops the customized structures which are tested and documented in our light laboratory.

LGP - LIGHT GUIDE PLATES

For production of very slim solutions with excellent light efficiency. It is a cost-efficient solution allowing for variable light distribution curves.

LGB – LIGHT GUIDE BENDS

Our thermoforming processes enable us to manufacture parts upon customer specific requests. This allows for new design opportunities for lighting, industrial or architectural applications.

LGT – LIGHT GUIDE TUBES

If you are looking for a unique light guide setup, Ingemann has developed an edge lit tube solution which can be up to 1000mm lengths.

LGR – LIGHT GUIDE RODS

Solid rods with light induced from one or both ends, enabling an even emission of light over the full length for a modern and aesthetical look.