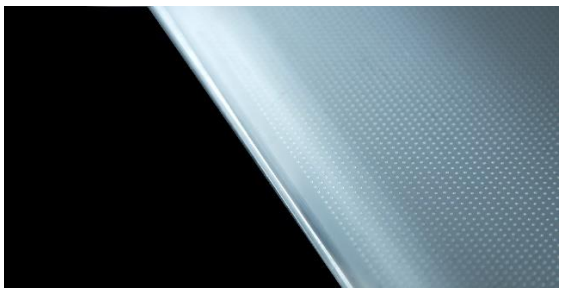
Ingemann LGP
Light Guide Plate



Advantages

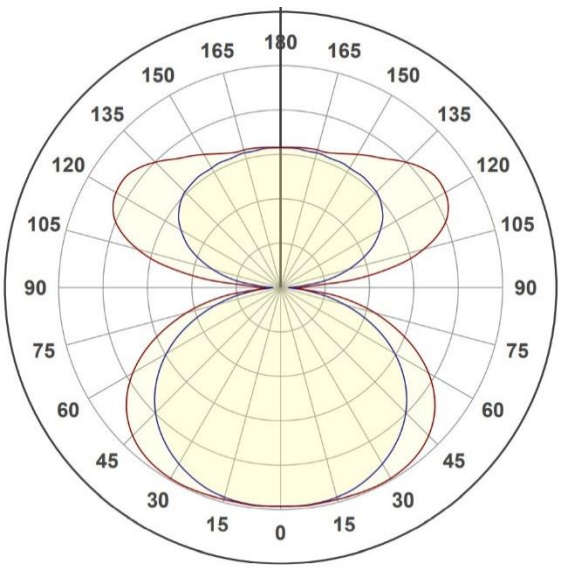
- Uniform light emitting surface
- High optical efficiency
- Flexible shapes and dimensions
- Suitable for a slim design

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.

The clear edges ensures high in-coupling of the light. In combination with the engraved structure, it achieves high optical efficiency. This LGP can be used as a standalone product, but is often used in combinations with reflectors, opal diffusors and/or microprisms.

Product data

Pattern size	**20-120µm**
Material	**PMMA/PS**
Thickness	**1,5-12mm**
Distance to LED	**Closest possible**
Optical efficiency	**>80%**
Standard dimensions	**2950x1150mm**
No color shift	**None**
Glow wire test conducted	**750°C**
Build-up	**One-plate solution**



Measured light distribution curve, Ingemann LGP C0/C180 C90/C270

*Information on raw material is made on behalf of the producer's information. Ingemann Components A/S cannot guarantee the authenticity of the data.

CONTACT US
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