

### Advantages

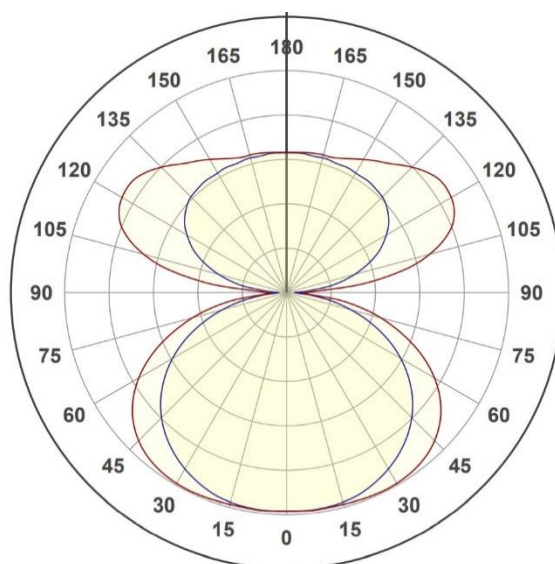
- Uniform light emitting surface
- High optical efficiency
- Flexible shapes and dimensions
- Suitable for a slim design

**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 ensure 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 diffusers and/or microprisms.

### Product data

Pattern size	20-120µm
Material	PMMA
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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