

Advantages

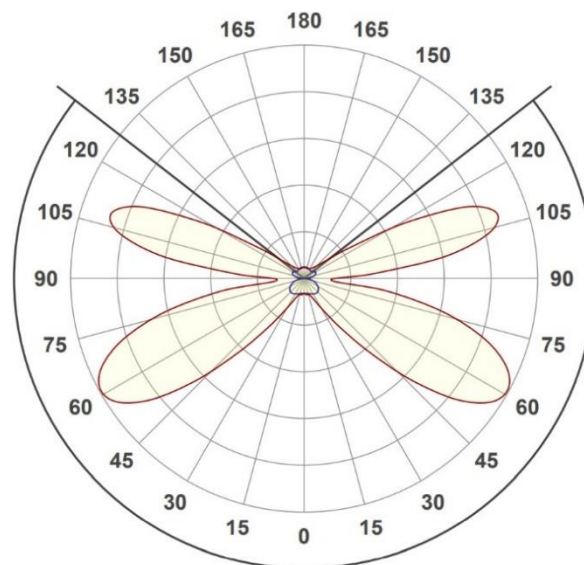
- Customizable distribution curve
- Low thickness tolerances
- Uniform light emitting surface
- Flexible shapes and dimensions

Ingemann Extruded LGP is a versatile Light Guide Plate that fits both circular and rectangular fixtures. It is produced in extruded optical graded PMMA which offers great optical clarity and ensures low thickness tolerances. The laser engraving can be optimised 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 ensures highest possible 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	2-6mm
Distance to LED	Closest possible
Optical efficiency	>80%
Standard dimensions	1800x1150mm
No color shift	None
Glow wire test conducted	650°C
Build-up	One-plate solution



Measured light distribution curve, Ingemann Extruded 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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