

Ingemann Linear LGP is based on a unique extruded PMMA material with micro lenticular structures on one side combined with a laser engraved structure on the opposite side. This improves the LGP's efficiency with up to 15%. The material has very low thickness tolerances

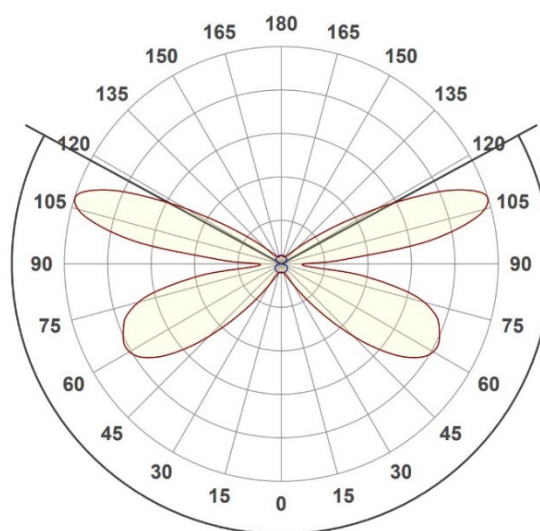
Advantages

- Up to 15% efficiency increase
- Low thickness tolerances
- Uniform light emitting surface
- Enables slim luminaire design

which provide a smooth and homogenous look of the emitting surface. The linear structure makes it only relevant for rectangular luminaires. The product can be used independently, but is often used in combination with reflectors, opal diffusers and/or microprisms.

Product data

Pattern size	20-120µm
Material	PMMA/PS
Thickness	2-4mm
Distance to LED	Closest possible
Optical efficiency	>80%
Standard dimensions	1850x1250mm
No color shift	None
Glow wire test conducted	650°C
Build-up	One-plate solution



Measured light distribution curve, Ingemann Linear 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

For inquiries, feel free to contact us at: +45 46186644 or sales@ingemanncomponents.com