



In collaboration with:

SEWON

INTER TEK TRADING

InterTek Trading AG
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Laser Engraved Light Guide Plates (RDE90)
Customized Solutions

Intertek Trading develop and manufacture this versatile Light Guide Plate, in collaboration with our partner SEWON, to fit a wide range of fixture geometries, with quick turnaround and no tooling charges. The base material is ideally PMMA, with a laser engraved side and one side unstructured. The pattern can be optimized to sizes up to 2.200mm x 1.250mm with high optimized light output efficiency and homogeneous light surfaces. When combined with BrightWhite reflectors material and Jungbecker microprismatic sheets, a wide range of possibilities emerge for managing light, including delta distributions, Lambertian illumination, and others. Light Guide Plates (LGPs) provide a flexible solution for edge-lit luminaires.

Key features

Optimized pattern for sizes up to 2.200mm x 1.250mm

Custom sizes available

LED input from one- or two sides

Ideally for combination with Jungbecker prismatic sheets for e.g. de-glaring (e.g. CDP)

For different shapes and geometries with optimized light output efficiency and homogeneous light surfaces, without tooling costs.



Product data

Standard Material	PMMA (acrylic)
Temperature range	-40 °C up to +70 °C
Transmission	92%
Thickness	3 mm (4 & 5 mm upon request)
Dimension	max. length 2400 mm max. width 1200mm custom sizes available
Efficiency	>80%