



The LDP is another variation of our linear structures. This product offers smooth and highly efficient de-glaring capabilities along the main axis of the sheet. Numerically optimised pyramidal structures with sharp edge radii are ideal for high-precision light guiding applications and are being used frequently in thin luminaire fixtures.

**Product data**

standard material	PMMA clear (acrylic) PC upon request
available size	rectangle up to 1500 mm x 300 mm square up to 600 mm x 600 mm customer specific cuts and optional profile edge treatment (milling)
thickness	3 mm (2.5 up to 6.0 mm upon request)
cone diameter	1.5 mm
refractive index	1.491
transmittance <sub>D65</sub>	92% (acrylic clear)
efficiency	> 95% (in typical LED luminaire)
temperature range	-40 °C up to +80 °C (acrylic) / 120 °C (PC)
customization options	development of prismatic microstructures for your specific applications, tooling and series production