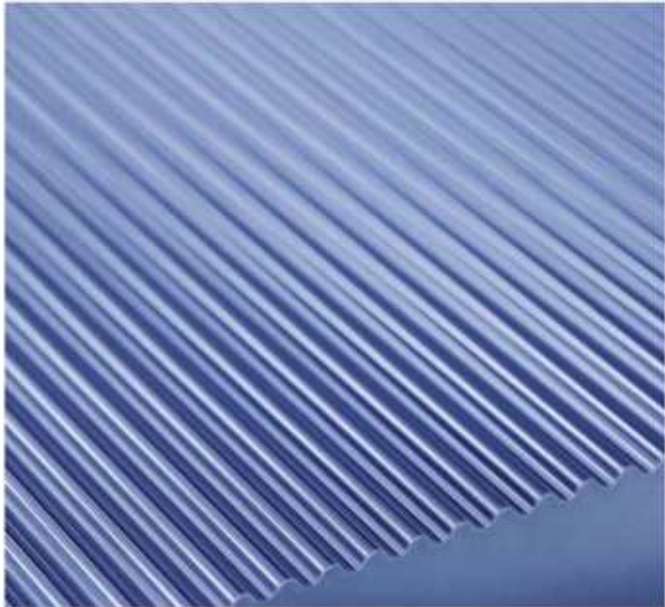


LSP  
Linear Sine Prism



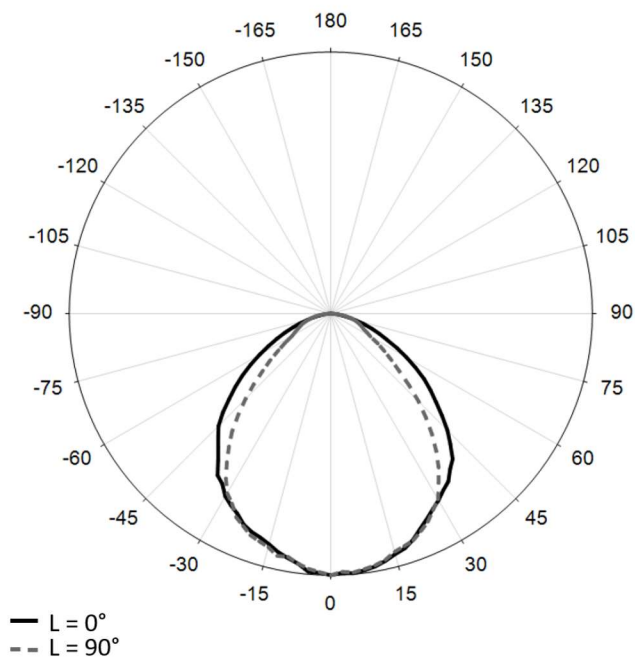
The LSP consists of linear prisms which are modified sinusoidally in their cross section so as to function as an optical diffuser perpendicular to the main axis of the sheet. The main ray path is maintained in order to ensure high efficiency in comparison with standard opal materials.

Product data

Standard Material	PMMA (acrylic) PC upon request
Temperature range	-40 °C up to +80 °C (acrylic) -40 °C up to +120 °C (PC)
Transmittance (D65)	92% (acrylic clear)
Thickness	3 mm (2.5 up to 6.0 mm upon request)
Dimension	max. length 1490 mm max. width 590 mm
Prism pitch	1.5 mm
Refractive index	1.491
Efficiency	> 95 % (in typical LED luminaire)
Customization options	specific cuts and optional profile edge treatment

In collaboration with:

**JUNGBECKER**



Light distribution according to simulation  
(luminaire 300 mm x 300 mm)

LDT file available upon request