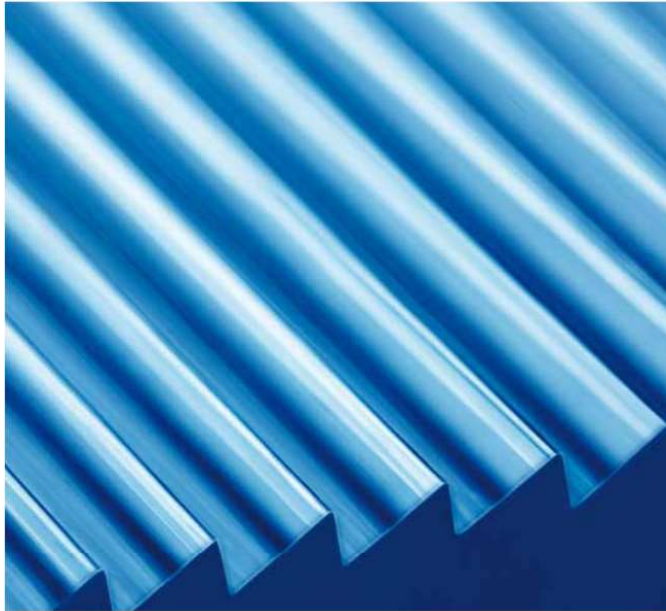


Asymmetrical De-glaring Prism



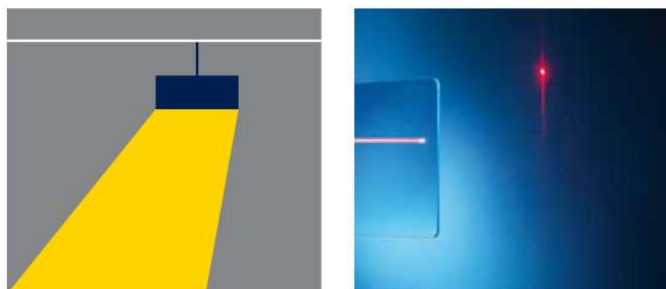
The ADP is a special application of the Linear De-glaring Prism (LDP). These prisms are asymmetrical with a one-sided perpendicular flank. Parallel light is deflected asymmetrically and therefore enables directed illumination of objects and surfaces.

Key features

High transparency microstructured prism sheet

Asymmetrical prisms with a one-sided perpendicular flank, parallel/collimated light is deflected at 20 degrees

Polycarbonate (PC) upon request for advanced fire safety regulations



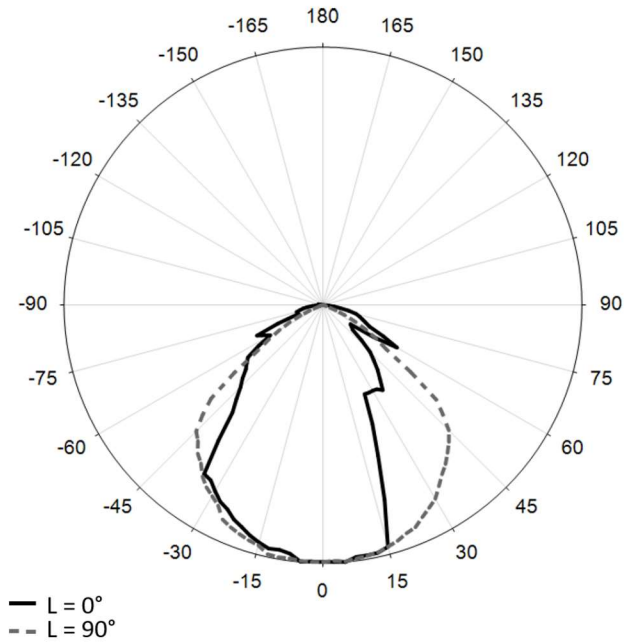
Applications

Wallwasher application

Creating asymmetrical light distribution curves, ideally with pre collimated source

In collaboration with:

JUNGBECKER



Light distribution according to simulation
(luminaire 98 mm x 1245 mm)

LDT file available upon request

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 1520 mm max. width 590 mm
Prism pitch	1 mm
Refractive index	1.491
Efficiency	> 95 % (in typical LED luminaire)
Customization options	specific cuts and optional profile edge treatment