

RDP

Circular De-glaring Prism



The Circular De-glaring Prism (RDP) is a special application of the circular fresnel lens. Specifically optimized for smooth de-glaring, the linear prisms of our LDP are arranged circularly.

Product data

standard material	PMMA clear (acrylic) PC upon request
available size	round with a max. diameter of 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 _{D65}	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