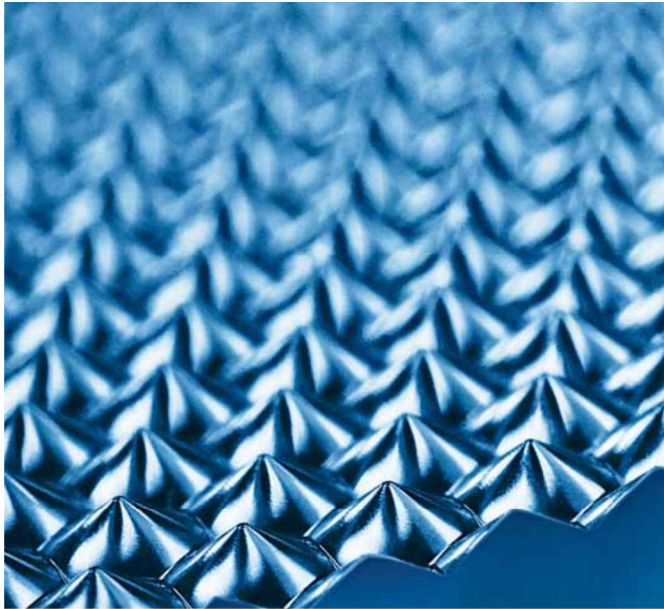


CDP Conical De-glaring Prism



The CDP is a unique product that provides an outstanding de-glaring performance. Prisms are designed as cones providing exclusive geometric features optimized with our very own numerical algorithms. High efficiency, smooth de-glaring characteristics and an opal appearance are the key features of our CDP.

Key features

High transparency microstructured prism sheet

Unique and homogenous glare reduction

Highest possible efficiency

Smooth de-glaring with opal appearance for lighting applications with UGR < 19

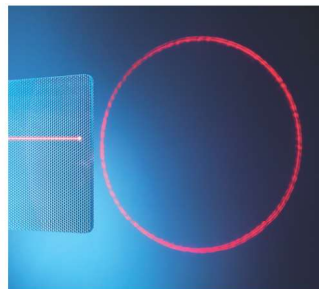
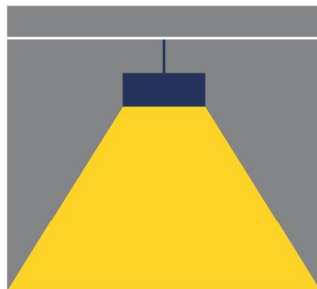
Optional grey coloured material to increase the de-glaring effect

Ideal for illumination of workstations

Suppresses high-angle light >65° to reduce visual glare while increasing on-axis light ("gain")

Enables luminaires to comply with EN12464 glare specifications

Polycarbonate (PC) upon request for advanced fire safety regulations



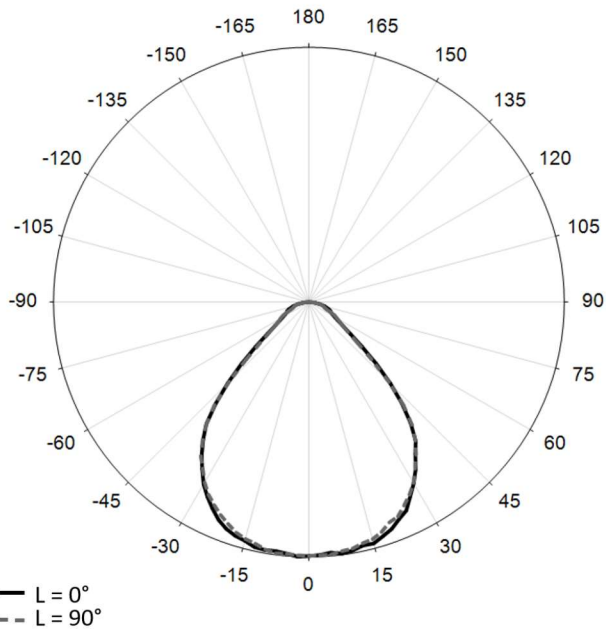
In collaboration with:

JUNGBECKER

Optics Data Sheet

CDP

Conical De-glaring Prism



Light distribution according to measurement
(luminaire 580 mm x 580 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 1610 mm Max. width 620 mm
Cone diameter	2 mm
Refractive index	1.491
Efficiency	> 95 % (in typical LED luminaire)
UGR (ref)	UGR (4H/8H) = 17.5 5500 lm output Light output area: 580 mm x 580 mm
Customization options	specific cuts and optional profile edge treatment

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