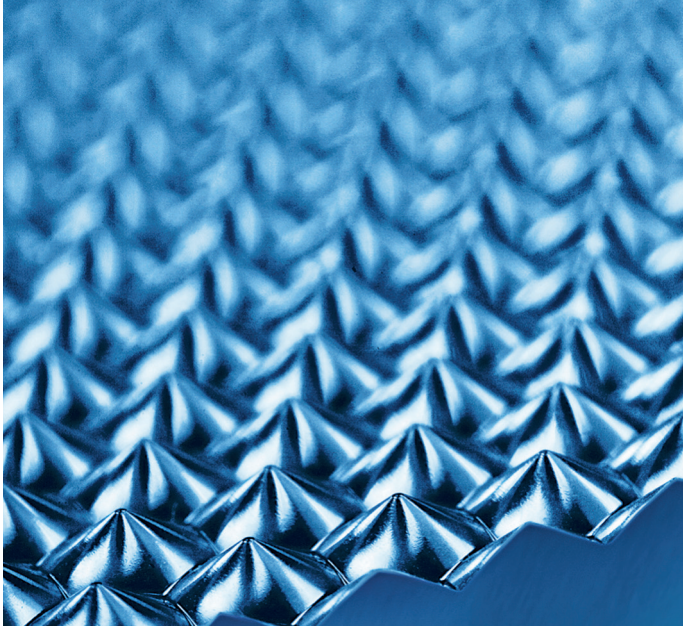


**CDP**  
**Conical De-glaring Prism**



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**

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high transparency microstructured prism sheet

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unique and homogenous glare reduction

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highest possible efficiency

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smooth de-glaring with opal appearance

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for lighting applications with UGR < 19

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optional grey coloured material to increase the de-glaring effect

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ideal for illumination of workstations

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suppresses high-angle light above 65 degrees to reduce visual glare while increasing on-axis light ("gain")

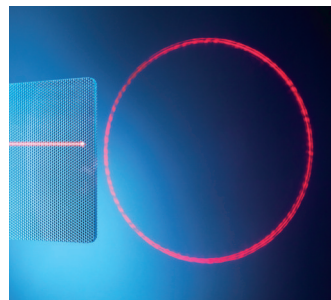
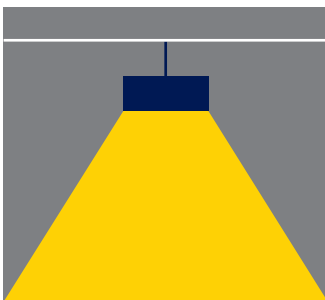
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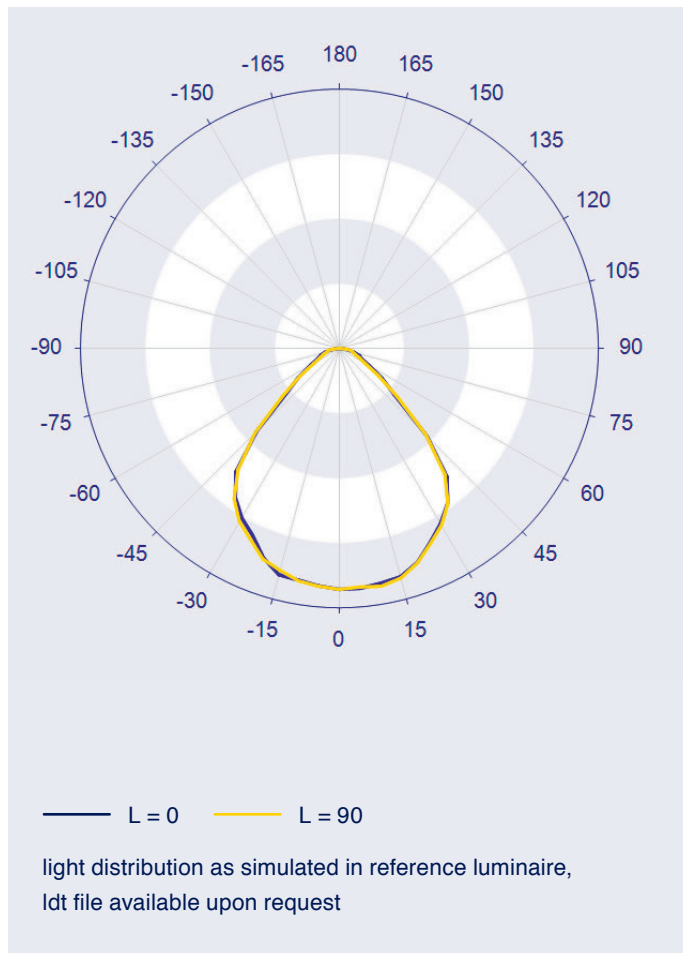
enables luminaires to comply with EN12464 glare specifications

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polycarbonate (PC) upon request for advanced fire safety regulations

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**Product data**

standard material	PMMA clear (acrylic) PC upon request
available size	rectangle up to 1500 mm x 600 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	2 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