

The CDP15 combines the excellent de-glaring performance of the cone structure with an asymmetric deflection of the passing light rays. A tilt of the cones by 15 degrees supports asymmetric illumination of floor standing and pending luminaires or provides additional wallwashing effects.

Key features

highly transparent asymmetrical microstructured prism sheet

unique and homogenous glare reduction

tilt of the cones by 15 degrees supports asymmetrical illumination

highest possible efficiency

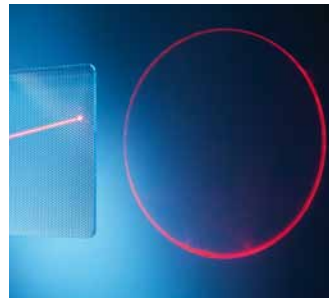
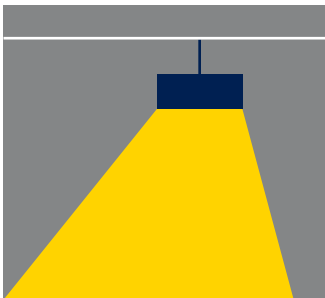
for asymmetrical lighting applications with UGR < 19

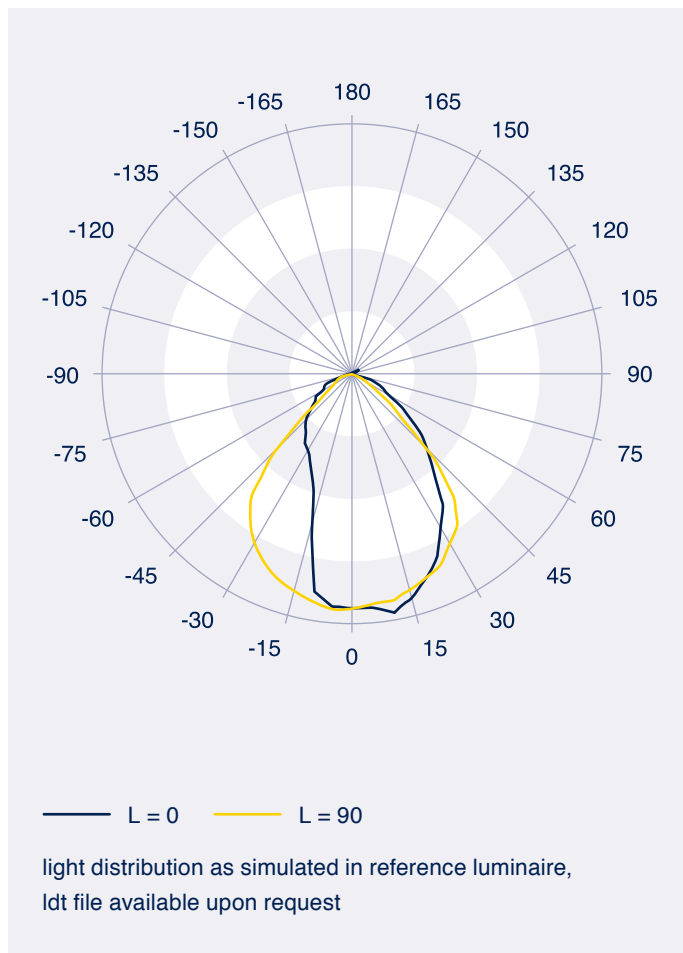
optional grey coloured material to increase the de-glaring effect

floor standing and pending luminaires with asymmetrical light output

provides wallwashing effects

polycarbonate (PC) upon request for advanced fire safety regulations





Product data

standard material	PMMA clear (acrylic) PC upon request
available size	rectangle up to 1500 mm x 300 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 _{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