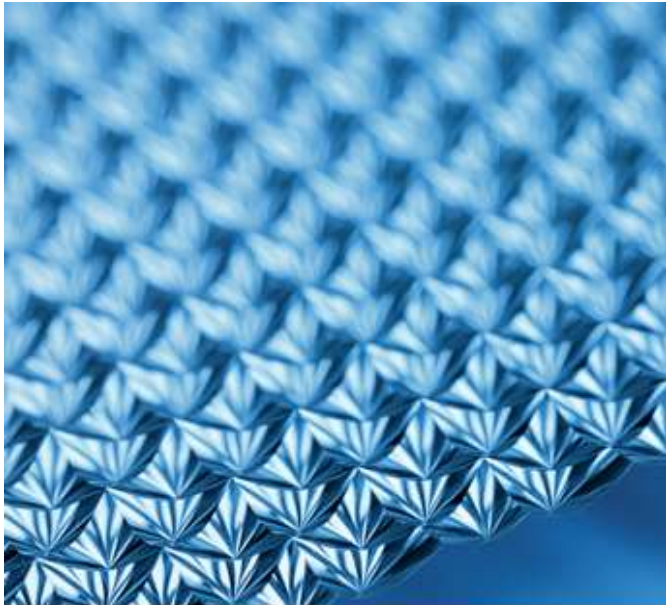


DDP  
Delta De-glaring Prism



The DDP prism structure offers an outstanding de-glaring performance with a reduced material thickness of 2 mm only. Concave surface structures and continuous cell connectors provide almost the same mechanical stability as the proven structures in 3 mm thickness. The reduced height and less weight enables even slimmer lighting solutions.

### Key features

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Outstanding de-glaring performance with a reduced material thickness of 2 mm

Almost identical mechanical stability as 3 mm thickness due to concave structures and continuous cell connectors

Highest possible efficiency

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

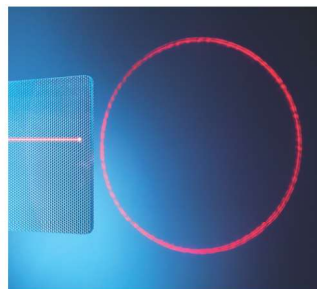
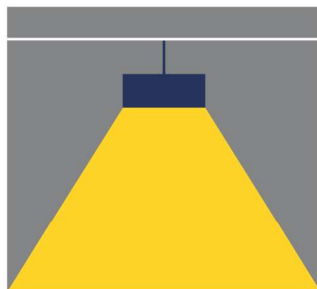
Optional grey coloured material to increase the de-glaring effect

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



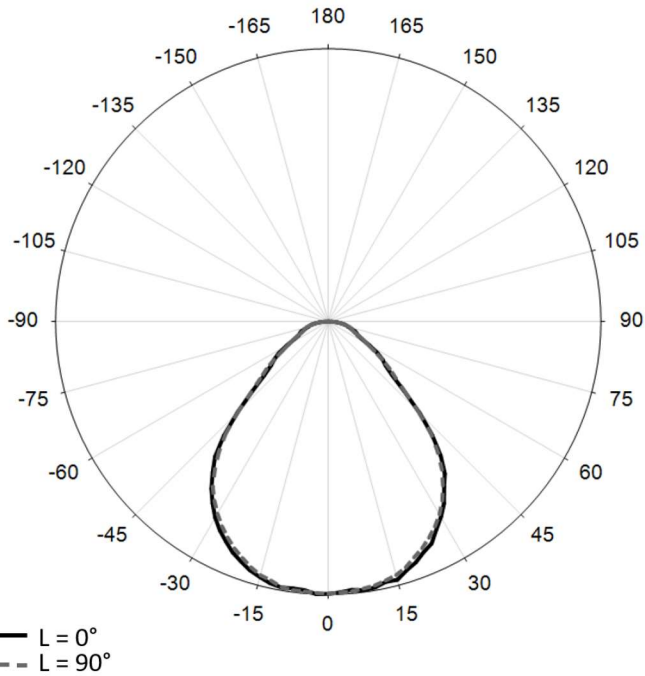
In collaboration with:

**JUNGBECKER**

## Optics Data Sheet

DDP

## Delta 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)<br>PC upon request   |
| Temperature range     | -40 °C up to +80 °C (acrylic)<br>-40 °C up to +120 °C (PC)                    |
| Transmittance (D65)   | 92% (acrylic clear)   |
| Thickness             | 2 mm<br>(2.5 up to 6.0 mm upon request)                                       |
| Dimension             | max. length 1550 mm<br>max. width 620 mm                                      |
| Cone diameter         | 2 mm  |
| Refractive index      | 1.491   |
| Efficiency            | > 95 % (in typical LED luminaire)   |
| UGR (ref)             | UGR (4H/8H) = 18.9<br>5500 lm output<br>Light output area:<br>580 mm x 580 mm |
| Customization options | specific cuts and optional profile<br>edge treatment                          |

## INTER TEK TRADING

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