



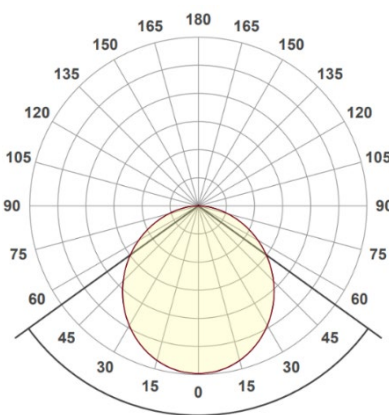
Advantages

- High light transmission with strong diffusion
- Extreme impact resistance
- Wide operating temperature range (-100°C to $+120^{\circ}\text{C}$)
- Available in multiple finishes and diffusion levels

Exolon® DX is a solid polycarbonate diffuser sheet. It is developed for applications based on LED light sources, which do not emit UV light. It combines extremely high light transmission with excellent diffusion and impact resistance. The sheet is suitable for both indoor and outdoor use, with a wide temperature range (-100°C to $+120^{\circ}\text{C}$) and variants offering different diffusion levels and surface finishes. It is ideal for luminaires, signage, and street furniture.

Product data

Material	PC
Thickness	1,5 mm 3,0 mm
Standard dimensions	2050x1250 mm
Transmission D_{65}	DX Cool: 65% 64% DX Bright: 74% 46% DX High: 84% 84%
Tensile strength	70 MPa
Refractive index	1.586
Temperature range	-100°C to $+120^{\circ}\text{C}$
Fire ratings	B-s1-d0 V2 HB
Glow wire test conducted	yes



Measured light distribution curve, Exolon DX

■ C0/C180

■ C90/C270

*Datasheet is made on behalf of producer's information. Ingemann Components A/S cannot guarantee the authenticity of the data.

CONTACT US

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