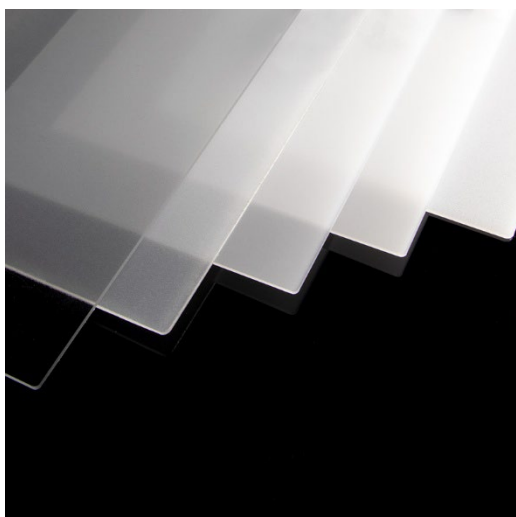




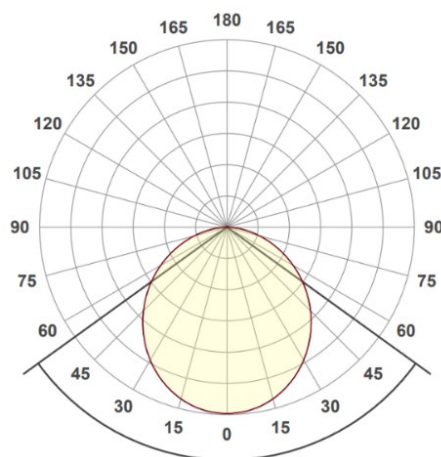
Advantages

- 60–93% light transmission
- UV-stabilized and humidity-resistant
- Cost-efficient polystyrene material
- Structured matte surface on both sides
- Lower CO₂ footprint than PMMA
- Antistatic surface treatment

Ingemann Haze series is a range of polystyrene LED diffuser sheets designed for efficient lamp hiding and high light transmission. The diffusion effect is achieved through fine surface structures and specialized additives. The sheets are UV-stabilized, humidity-resistant, and feature an antistatic coating. A cost-efficient solution with a lower CO₂ footprint than PMMA, ideal for sustainable lighting applications.

Product data

Material	PS - polystyrene
Standard dimensions	Rectangle up to 1850x1250 mm (Longer dimensions upon request)
Thickness	1,0 mm $\pm$ 0,2 mm (available in 60% and 70% light transmission) 1,5 mm $\pm$ 0,2 mm (available in 60%, 70%, 80% 90% and 93% light transmission) 2,0 mm $\pm$ 0,2 mm (available in 60%, 70%, 80% 90% and 93% light transmission) (3mm upon request)
Transmittance	53% - 93%
Refractive index	1.591
Tensile strength	45 MPa
Temperature range	-40°C to +70°C
Glow wire test IEC 60695-2-12	GWFI: 650/1,5 Results: Pass Measured at: 650°C, 1,5 mm thickness



Measured light distribution curve, Ingemann Haze 60 ■ 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

For inquiries, feel free to contact us at: +45 46186644 or sales@ingemanncomponents.com