

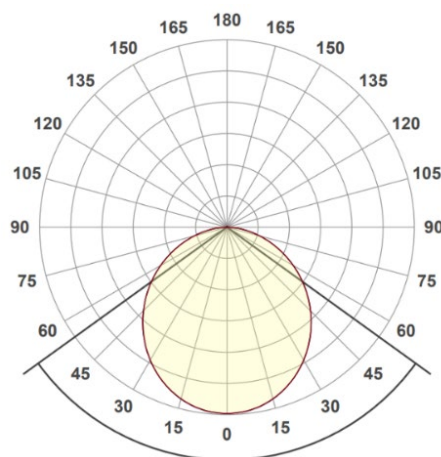
### Advantages

- 60–93% light transmission
- UV-stabilized and humidity-resistant
- Cost-efficient polystyrene material
- Structured matte surface on both sides
- Lower CO<sub>2</sub> 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 CO<sub>2</sub> footprint than PMMA, ideal for sustainable lighting applications.

### Product data

Material	<b>PS - polystyrene</b>
Standard dimensions	<b>Rectangle up to 1850x1250 mm</b> (Longer dimensions upon request)
Thickness	<b>1,0 mm ±0,2 mm</b> <b>1,5 mm ±0,2 mm</b> <b>2,0 mm ±0,2 mm</b> (3mm upon request)
Transmittance	<b>53% - 93%</b>
Refractive index	<b>1.591</b>
Tensile strength	<b>45 MPa</b>
Temperature range	<b>-40°C to +70°C</b>
Glow wire test <b>IEC 60695-2-12</b>	<b>GWFI: 650/1,5</b> <b>Results: Pass</b> 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

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