

I-DIF 52

High diffusing PC films



Advantages

- High transmission
- Great lamp hiding capabilities
- 1200 x roll mm
- Stretchable for 3D applications

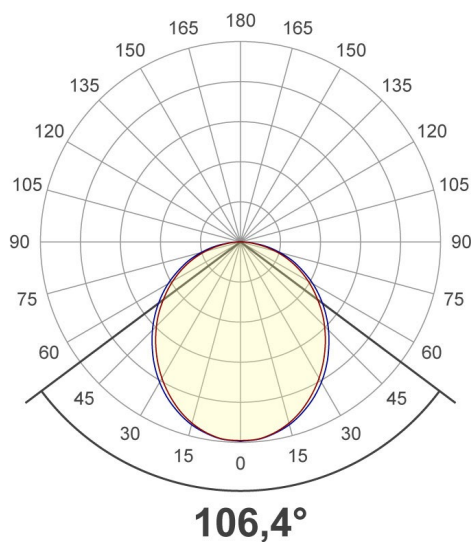
The I-DIF series offers an extremely high transmittance while still maintaining a strong diffusion, hence being very energy efficient. Due to its optical properties I-DIF offers a wide range of illumination angles and lamp hiding capabilities. It also offers best bending and stretching performance.

Application:

The sheet is used to create even illumination on the surface of a light guide for example or to hide bright LED dots very efficiently. 200% stretchable for 3D applications.

Product data

| | |
|---------------------|----------------|
| Material | PC |
| Standard dimensions | 1200 x roll mm |
| Thickness | ±0,27mm ±10% |
| Transmittance | 71% |
| HWHM | 50° |
| Tensile strength | 65 MPa |
| Temperature range | -30°C to +80°C |



PC I-DIF 52

Measured light distribution curve, PC I-DIF 52

■ 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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