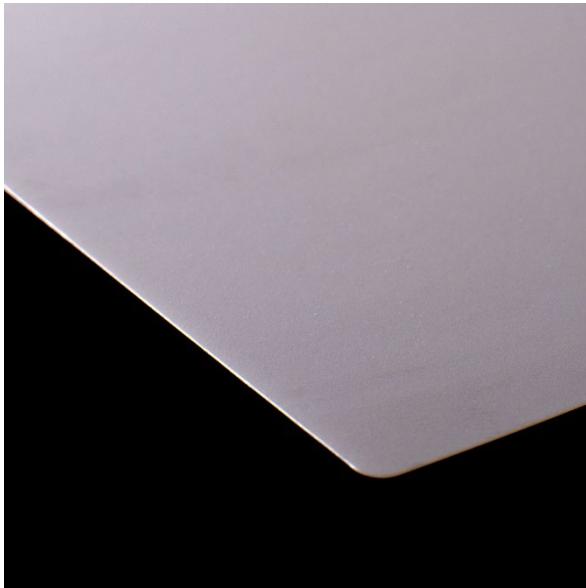


I-DIF 9 and I-DIF 19

High diffusing PET films



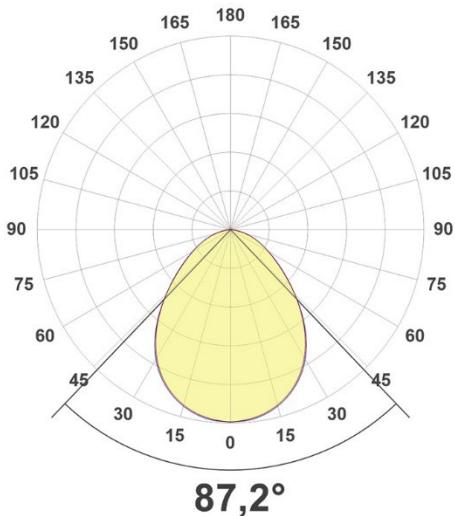
Advantages

- Delivers up to 99% light transmittance for maximum brightness and energy efficiency.
- Provides uniform light distribution for smooth and consistent illumination.
- Supports creative and compact designs with its thin, flexible material.
- Works effectively in both edge-lit and direct-lit LED lighting systems.

I-DIF is a high-performance diffusive film designed to evenly distribute light and maximize brightness in LED lighting systems. With up to 99% light transmittance, it enhances illumination while supporting both edge-lit and direct-lit designs. Its thin, flexible structure allows for creative design and efficient production.

Product data

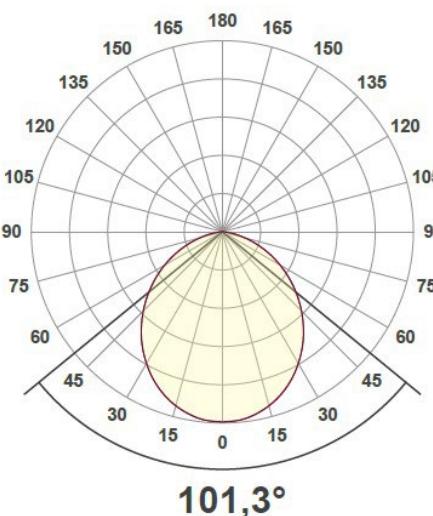
| | |
|---------------------|---------------------------|
| Material | PET |
| Standard dimensions | 1000 mm (width) x roll |
| Thickness | 0,1mm ±10% and 0,8mm ±10% |
| Refractive index | 1,575 |
| Tensile strength | 75 MPa |
| Transmittance | 99% and 87,1% |
| HWHM | 9° and 19° |
| Temperature range | -40°C to +80°C |



I-DIF 9

Measured light distribution curve, I-DIF 9 & I-DIF 19

■ C0/C180 ■ C90/C270



I-DIF 19

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