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Luminance Enhancement Film Technical Data

產品 Product	LEF510
角度 Angle	90°
間距 Pitch	50 μ m
輝度增益 Luminance gain	1.56 \pm 5%
菱鏡結構 Prism Structure	Acrylic Resin
底部基材 Substrate	PET Film
厚度(μ m) Thickness	277 \pm 10%
尺寸公差 Tolerance	\pm 0.5mm (Dim \leq 600mm)

Product Structure Illustration

structures	Characteristics
<p>The illustration consists of two parts. The top part is a 3D perspective view of the Luminance Enhancement Film (LEF) structure, showing a regular array of prisms with rounded tips on a base substrate. Labels indicate 'prism' and 'PET film'. The bottom part is a 2D cross-sectional view of the prism structure, showing the 'Prism angle' and the 'PET film thickness'.</p>	<p>Luminance Enhancement Film (LEF) LEF510 has a regular prism structure with 2 different prism heights on a base substrate for improving the optical performance. The prism tips are rounded with a radius of 1-3 μ m. The conceptual configuration of LEF510 structure is shown on the left.</p> <p>PET film thickness : 250 μ m</p> <p>Prism Angle : 90° with a rounded tip</p> <p>Prism Pitch : 50 μ m</p>