

Precision structured PMMA sheet

This linear 115°prism structure is mainly used as diffusor lense for luminaires, providing perfect light distribution properties for an optimum design of the luminaire.

Also, this prismatic pattern finds its use in interior design applications like room dividers etc.

Lin10-115 has a flat surface back side whereas Lin11-115 features a glossy satined back side with a slightly reduced transparency and a more diffuse appearance of the light distribution.

Shown at the bottom is a typical light distribution curve of the Lin10-115 pattern.

For a description of the test setup, test results, more detailed technical specifications and material properties, please contact us.

Length: max. 5400mm

Width: max. 1000mm

Thickness: 2,0mm (standard, other thicknesses on request)

Structure: 115°high precision linear prisms

Prism tip radius: typical <math><10\mu\text{m}</math>

Material: PMMA (Plexiglas® POQ62)

Temperature range: -40°C to +80°C / -40°F to +180°F

