

## Precision structured PMMA sheet

This triangular pyramidal prism structure has been developed as a diffuser lens for luminaries, providing perfect light distribution properties for an optimum design of the luminaries.

D10-115 has a flat surface back side whereas D11-115 features a glossy satined back side with a slightly reduced transparency and a more diffuse appearance of the light distribution.

Shown on the right is a typical light distribution curve of the D10-115 pattern. For a description of the test set-up, test results, more detailed technical specifications and material properties, please contact us.

Length: max. 5400mm  
Width: max. 1000mm  
Thickness: 2,0mm (standard, other thickness on request)  
Structure: triangular recessed pyramids  
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

