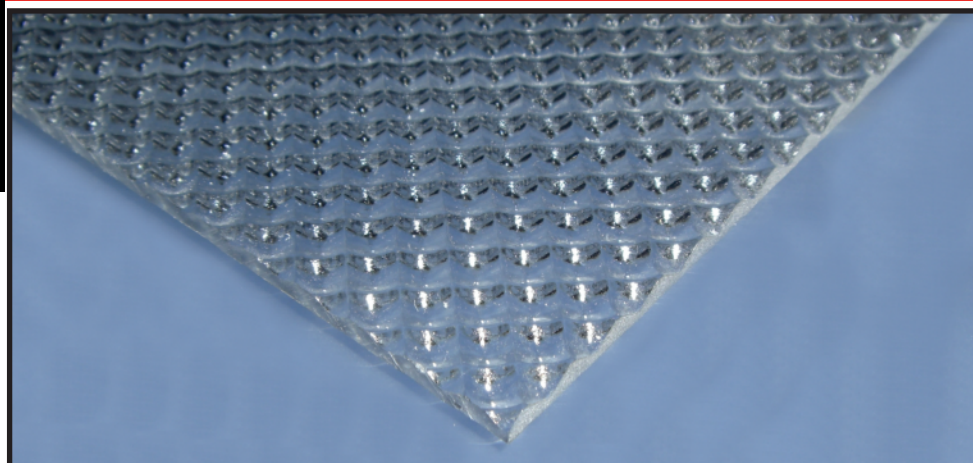




**SLP** (UK) LIMITED  
LIGHTING & CEILING COMPONENTS

## P12 Prismatic - Styrene



The P12 Standard Prismatic Polystyrene lens in 2.5 mm thickness is the market leader for quality and versatility in our polystyrene range of prismatic sheets. This lens is manufactured from polystyrene mixed with a UV protector to provide optimum UV resistance. This lens is extruded with our excellent P12 style pattern on the bottom surface and a flat smooth surface on the rear. This sheet is suited to applications where fabrication or forming is required. It is stocked in a number of different sheet sizes for cutting to customer's specification. For larger volume runs we can offer a cut on line service which saves on price by reducing wastage. The ceiling grid sized panels are supplied packed in full cartons. All other sheets are supplied either wrapped or on pallets.

	P12 Styrene
<b>Material</b>	Styrene
<b>Pattern</b>	P12 Prism
<b>Thickness</b>	2.5 mm
<b>Tolerance on Thickness</b>	10%
<b>UV Stability</b>	Medium
<b>Colours Available</b>	Clear / Opal
<b>Max Operating Temp.</b>	70 C
<b>Stocked sizes</b>	595 x 595 mm / carton 40s 1195 x 595 mm / carton 20s

### Composition and Colour

P12 Acrylic Prismatic Lenses are extruded from high quality crystal clear resin mixed with a UV stabiliser added to enhance the life of the sheet under fluorescent lighting conditions. The standard sheet has a good life span in normal usage however, where "High Output" lamps are used or continuous lighting is required, acrylic or Polycarbonate sheets should be considered.

### Appearance

The P12 Standard Style Lens is extruded with a 5mm diagonal female prism matrix on the bottom surface that has been developed from the original K12 pattern. The prism pattern panel has been designed to give greater strength and weight. The top surface of this panel is smooth making it more suited for vacuum forming, moulding or fabrication. The pattern and thickness of the panel ensures that the light diffusion properties of this sheet are excellent for most general lighting applications.

### Cutting

Prismatic lenses can be cut using either a band saw or a circular saw. For further information, please contact our sales office.

### Fabrication

P12 Acrylic Sheet is suited for all types of fabrication work. Care should be taken to work within the manufacturers specifications. Copies are available upon request.

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S.L.P UK Limited reserve the right to change or amend specifications without prior notification

Prismatic Lenses