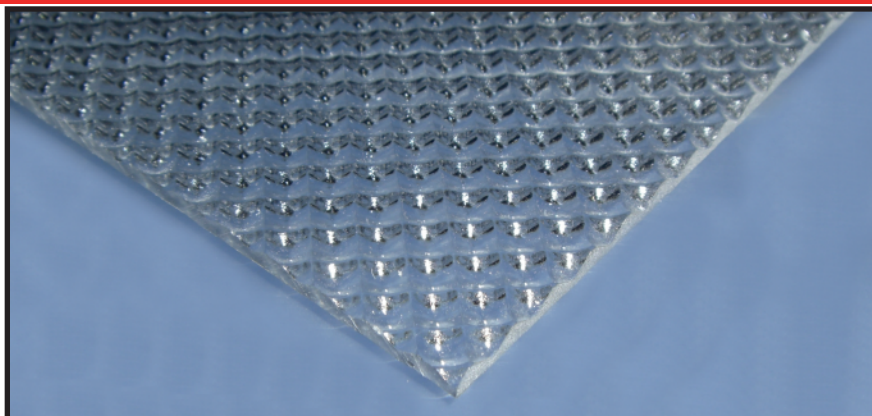




SLP (UK) LIMITED
LIGHTING & CEILING COMPONENTS

P12 Prismatic Range



P12 Prismatic Range, is available in multiple materials. The panels are extruded, which are manufactured from a high quality resins which help provide optimum performance. The diffusers are created with SLP (UK) P12 style pattern, with prisms on the bottom side of the diffuser and a flat smooth surface on the rear. P12 range 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 that saves on price by reducing wastage. The ceiling grid sized panels are supplied packed in full cartons (595 x 595 mm, 1195 x 595 mm).

Description	P12 Acrylic	P12 Polycarbonate	P12 Styrene	P12 Firelux UV
Material	Acrylic (PMMA)	Polycarbonate	Polystyrene	Firelux
Pattern	P12 Prismatic	P12 Prismatic	P12 Prismatic	P12 Prismatic
Thickness	2.8 mm	3 mm	2.5 mm	2.7 mm
Extruded Panel Size	Max 1270 mm	Max 1270 mm	Max 1270 mm	Max 1250 mm
Tolerance on Thickness	10%	10%	10%	10%
Colours Available	Clear	Clear	Clear / Opal	Clear
Max Operating Temp.	70 C	90 C	60 C	80 C
Stocked Sizes	595 x 595 mm 1195 x 595 mm	596 x 595 mm 1195 x 595 mm	597 x 595 mm 1195 x 595 mm	598 x 595 mm 1195 x 595 mm
Fire Rating	TP (b)	TP (a)	TP (b)	TP (a)

Composition and Colour

P12 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 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