

P12 PRISM SHEET

P12 PRISMATIC DIFFUSERS

This is the industry standard lighting diffuser found in just about every troffer and surface mount fixture. It combines the maximum efficiency and light spread with low cost for excellent economy and performance. Light is diffused evenly over the full 0 - 90 degree range from the fixture with female, conical, 3/16" square base prisms. Available in three different materials to suit many applications.

Acrylic - The industry standard. Crystal clear, and non-yellowing for a bright appearance and long life. Available in various thicknesses from .100" to .187" and sizes up to 4' x 8' sheets.

Polycarbonate - The only choice in vandal-prone and high abuse areas. This Ultra Heavy Duty material can withstand high impacts ten times better than Acrylic but is not as UV stable and will discolor with age. Available in various thicknesses from .125" to .187" up to 4' x 8' sheets.

Styrene - The lowest cost material to meet the strictest budgets but will yellow and get brittle with age and UV exposure.

Ordering Information

Always measure the existing lens and specify the exact cut size on your order to ensure a proper fit. There is no "standard" size fixture, all the manufacturers make thier fixtures to different sizes. Material that has been cut-to-size is not returnable.

.100" Standard Thickness

Size	Acrylic	Polycarb	Styrene
1 x 4 .100"	S12A100241	N/A	S12S100241
2 x 2 .100"	S12A100242	N/A	S12S100242
2 x 4 .100"	S12A100240	N/A	S12S100240

.110" Medium Thickness

Size	Acrylic Only
1 x 4 .110"	S12A110241
2 x 2 .110"	S12A110242
2 x 4 .110"	S12A110240

.125" Heavy Duty Thickness

Size	Acrylic	Polycarb	Styrene
1 x 4 .125"	S12A125241	S12P125241	N/A
2 x 2 .125"	S12A125242	S12P125242	N/A
2 x 4 .125"	S12A125240	S12P125240	N/A
4 x 4 .125"	S12A125482	S12P125482	N/A
4 x 8 .125"	S12A125480	S12P125480	N/A

Call Customer Service for oversized sheets or thicknesses not listed.

Profile

