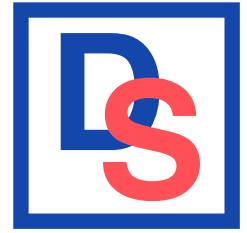


Diffuser Specialist

Specialty Sheet MicroLinear®



General Description

MicroLinear Sheet features micro-prisms to achieve high angle brightness control, excellent lamp obscuration and 90% transmission. MicroLinear is made from impact acrylic in .032" thickness, and acrylic for .080" and .118" thicknesses. Available in 50" x 50" sheet, or custom sizes.

For direct/indirect fixtures, optimum results are achieved when prisms are facing the lamp side, and run in the same axis as the lamp. For direct fixtures, overlay MicroLinear sheet to provide 90% transmission while controlling high angle brightness. Can be used as two layers with optics running in transverse directions. This arrangement provides good lamp hiding, excellent brightness control, while providing a cross-hatch optic pattern.

Ordering Information

For samples, pricing and delivery please call 1.800.880.5483.

Notice

Diffuser Specialist assumes no responsibility for suitability of luminaires and applications. The use of lenses near and above 70°C temperatures with high UV output light sources will cause degradation of the material.

MicroLinear®

High angle brightness control
Excellent lamp obscuration.

90% ($\pm 3\%$) with prisms toward
the light source

80% ($\pm 3\%$) with prisms away
from the light source.

Materials: Acrylic, Impact
Acrylic

Pattern: Linear prismatic

Thicknesses:

.032" - Impact Acrylic

.080" - Acrylic

.118" - Acrylic

Max temp:

Impact acrylic: 70°C

Acrylic: 80°C

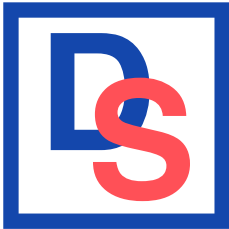
Standard size: 50" x 50"

Max size: 50" wide x 100"
length

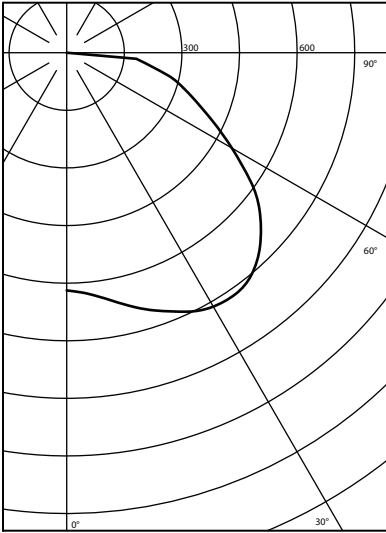
Custom sizes available

Diffuser Specialist

Specialty Sheet MicroLinear®



RECESSED 2' X 2' FIXTURE
NO LENS
1-42W BIAx LAMP
78.5% EFFICIENT



RECESSED 2' X 2' FIXTURE
PL1 LENS OPTICS PARALLEL TO LAMP
1-42W BIAx LAMP
73.9% EFFICIENT

