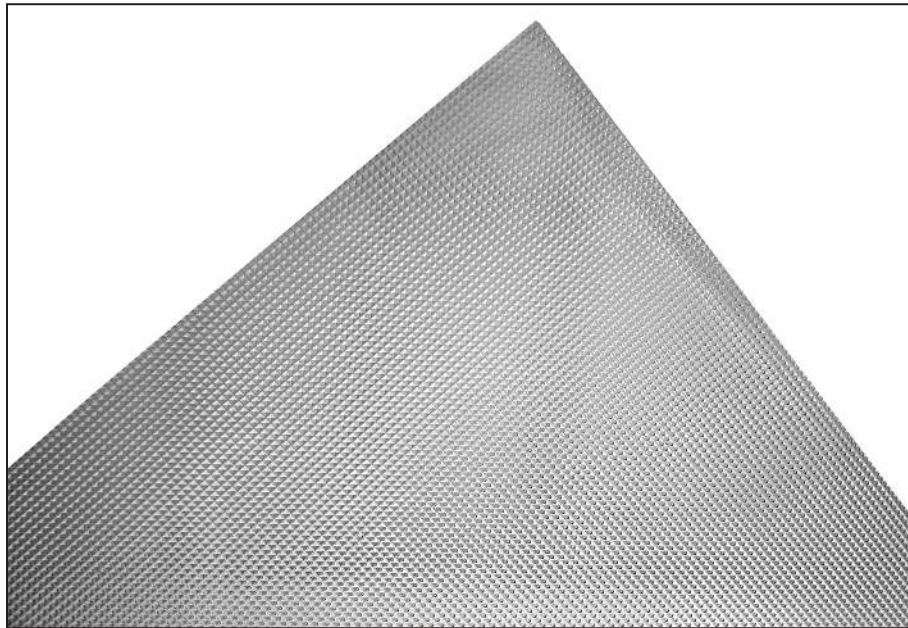


MicroMid™

Prismatic Sheet



Description

MicroMid™ Sheet features 1.5mm wide male pyramid prisms to achieve high angle brightness control, excellent lamp obscuration and high transmittance.

MicroMid is made from acrylic and polycarbonate for .080" (2mm) and .118" (3mm) thicknesses and frost acrylic at .080" (2mm) thickness.

Available in 50" x 50" sheet, or custom sizes.

Optimum brightness control results are achieved when prisms are away from the lamp side. With most light sources substantial "cut-off" is achieved above 50 degrees.

Application

The MicroMid is intended for applications in which high angle brightness cannot be tolerated.

Ordering Information

For samples, pricing and delivery please call 877-257-5841.

Notice

A.L.P. Lighting Components, Inc. assumes no responsibility for suitability of luminaires and applications. The use of acrylic lenses near and above 80°C temperatures with high UV output light sources will cause degradation of the material.

Item No	Description	Thickness	Dimensions
7000001	clear acrylic	0.080"	50" x 50"
7000002	clear acrylic	0.118"	50" x 50"
7000003	clear polycarbonate	0.080"	50" x 50"
7000004	clear polycarbonate	0.118"	50" x 50"
7000005	frost acrylic	0.080	50" x 50"

MicroMid™

Prismatic Sheet

High angle brightness control
Excellent lamp obscuration
90% transmittance

Materials:

Clear Acrylic
Clear Polycarbonate
Frost Acrylic

Pattern:

1.5mm square male pyramid

Thicknesses:

.080" (2mm) - Acrylic
.118" (3mm) - Acrylic
.080" (2mm) - Polycarbonate
.118" (3mm) - Polycarbonate
.080" (2mm) - Frost Acrylic

Max temp:

Acrylic: 80°C

Standard size:

50" x 50"

Max size:

50" wide x 120" length

Custom sizes available



A.L.P.
LIGHTING COMPONENTS, INC.
WEB SITE: WWW.ALPLIGHTING.COM

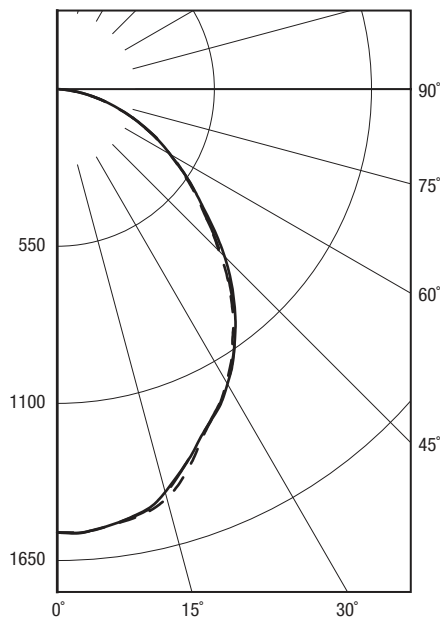


MicroMid™

Prismatic Sheet

PHOTOMETRY

Report Number: 04936FP
Issue Date: 04/01/14
Prepared for: LexaLite Brand
Catalog Number: MicroMid
Luminaire: 2x2 recessed troffer with
 0.080 clear acrylic MicroMid, prism
 toward lamp
Lamp Cat. No.: (4) LED boards of 64
 LEDs each U990064
Mounting: Horizontal
Test Procedure: IESNA LM-79-08
Lumens Per Watt: 96.32



Materials

See the LexaLite® brand price list for current part numbers and material offerings. Up-to-date and detailed material specifications can be found in the Products/Technical Resources section of our web site at www.alplighting.com.

While A.L.P. utilizes IESNA testing procedures and believes our testing results to be accurate, A.L.P. provides photometry for reference only. Actual results will vary based on the actual light source(s) and power source(s) used, i.e. ballast, driver, generator, etc. and the combinations in which they are used, as well as operating temperatures, and other electrical and environmental variables. We urge that customers perform their own fixture qualifications prior to making performance-based claims. In no event will A.L.P. be liable for any loss or damage, including without limitation, indirect or consequential loss or damage in connection with the use of this information.

Notice

A.L.P. Lighting Components, Inc., assumes no responsibility for suitability of these materials in any luminaire or application. Please test for fit and function prior to ordering project quantities.

Lumen Summary

Zone	Lumens	% Fixture
0-30	1143	31.6
0-40	1790	49.6
0-60	2963	82.0
0-90	3612	100.0
90-180	0	0.0
0-180	3612	100.0

Luminance Data in Candela/SQ M at 0° plane

Angle	Average
45	3047
55	2617
65	2291
75	1871
85	1080



A.L.P.
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