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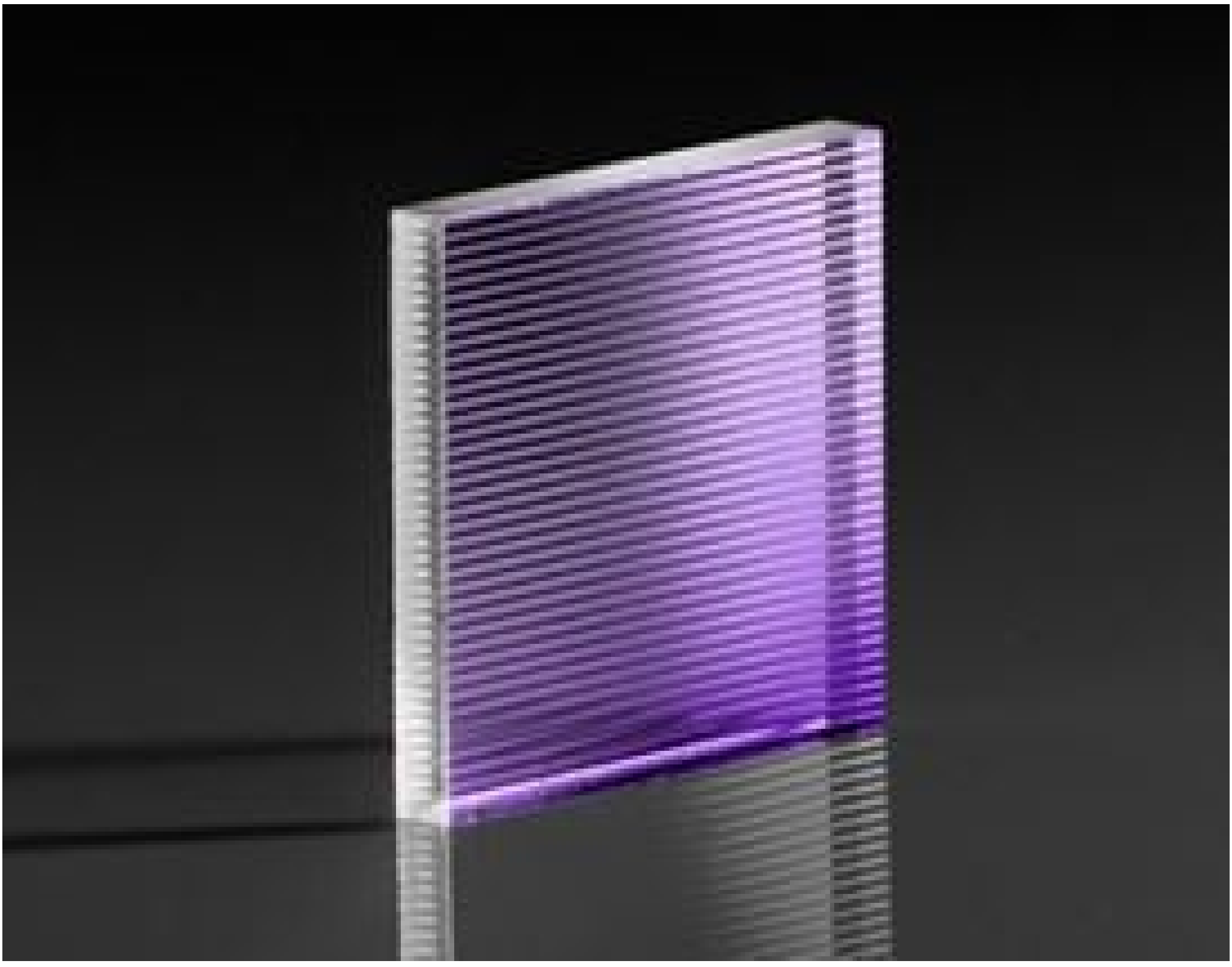
20 x 20mm, 800µm Pitch, 1.7° Div., Double Cyl. Lens Array UV-VIS



Stock **#72-606** **3 In Stock**

- 1 + **C$1,456**.00

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Volume Pricing	
Qty 1-10	**C$1,456.00** each
Qty 11-25	**C$1,169.00** each
Qty 26-49	**C$1,092.00** each
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General

Type:

Lens Array

Physical & Mechanical Properties

Dimensions (mm):

20.0 x 20.0 ±0.10

Radius R (mm):

11.100

Thickness (mm):
2.00 ±0.10

Optical Properties

Effective Focal Length EFL (mm):
24.70 @ 1064nm

Substrate:
Fused Silica (Corning 7980)

Coating:
UV-NIR (250-700nm)

Wavelength Range (nm):
250 - 700

Coating Specification:
R_{abs} ≤1.0% from 350 - 450nm @ 0° AOI
R_{avg} ≤1.5% @ 250 - 700nm @ 0°

Divergence Angle (°):
1.7 (Full Width)

Pitch (µm):
800.00

Array Type:
Double-Sided (with cross-oriented lenses)

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 250:
Compliant

Product Details

- Generate Non-Gaussian Line Patterns
- Ideal for Light Homogenization
- Excellent Performance from 193nm – 2.5µm

Cylindrical Microlens Arrays are used to homogenize a variety of light sources, including lasers or high power LEDs. Unlike Square Microlens Arrays, which generate spot patterns, Cylindrical Microlens Arrays yield non-gaussian line patterns, and are ideal for welding, drilling, or laser ablation applications from the UV to IR. Cylindrical Microlens Arrays are available uncoated, VIS-NIR, or UV-NIR coated, including options with lenses on a single side for line generation applications or double-sided (with cross-oriented lenses) for beam homogenisation. Additionally, these lenses can be used as fast axis collimators.

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