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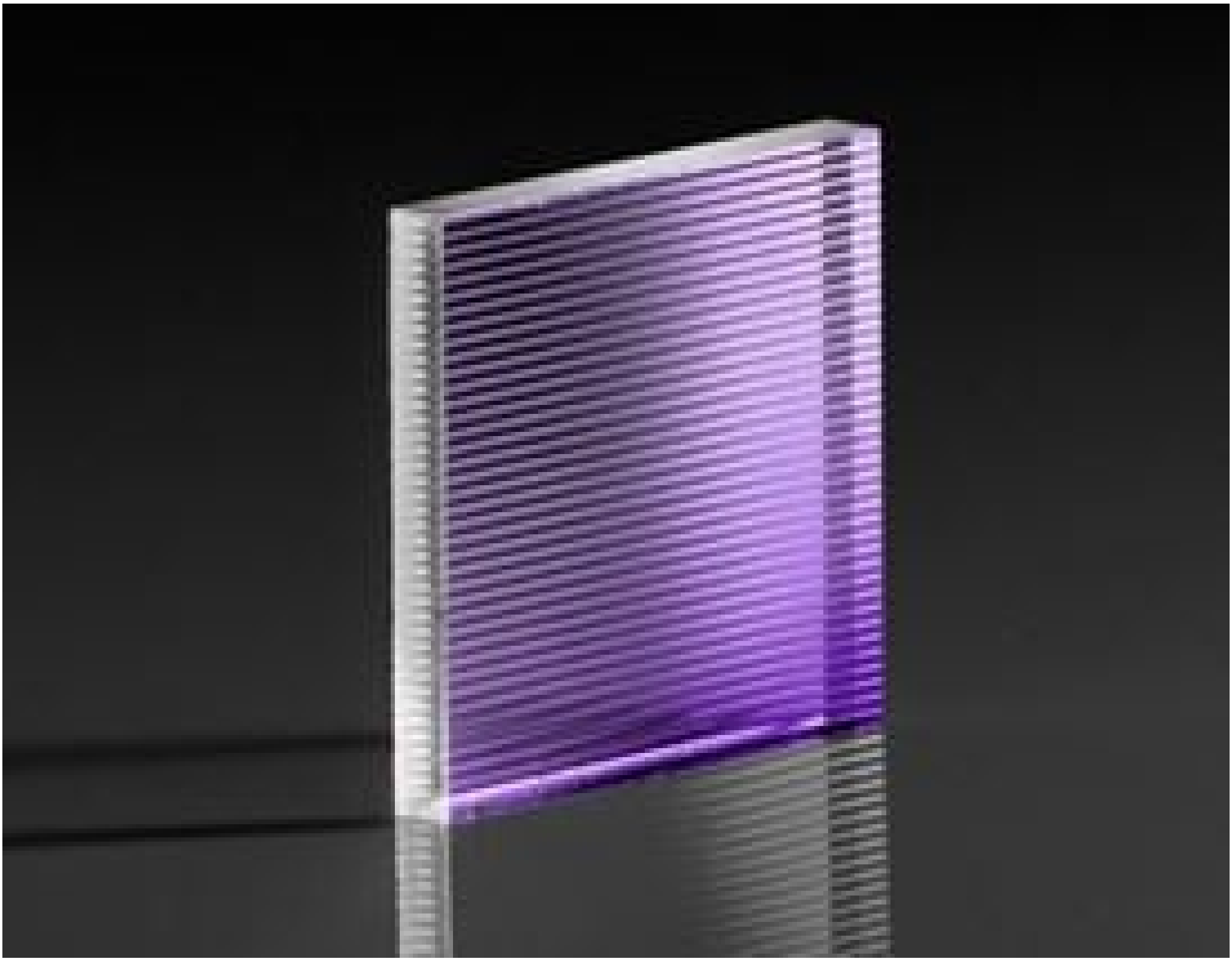
12 x 12mm, 500µm Pitch, 6° Divergence, Double Sided Cyl. Lens Array



Stock **#23-875** **3 In Stock**

- 1 + **MRP** **₹87,463**

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-10	**₹87,463** each
Qty 11-25	**₹76,948** each
Qty 26-49	**₹72,647** each
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General

Type:

Lens Array

Physical & Mechanical Properties

Dimensions (mm):

12.0 x 12.0 ±0.10

Radius R (mm):

2.150

Thickness (mm):
2.00 ±0.1

Optical Properties

Effective Focal Length EFL (mm):
4.78 @ 1064nm

Substrate:
Fused Silica (Corning 7980)

Coating:
Uncoated

Wavelength Range (nm):
200 - 2200

Divergence Angle (°):
6.0 (Full Width)

Pitch (µm):
500

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

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 250:
Compliant

Country of Origin:
Germany

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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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