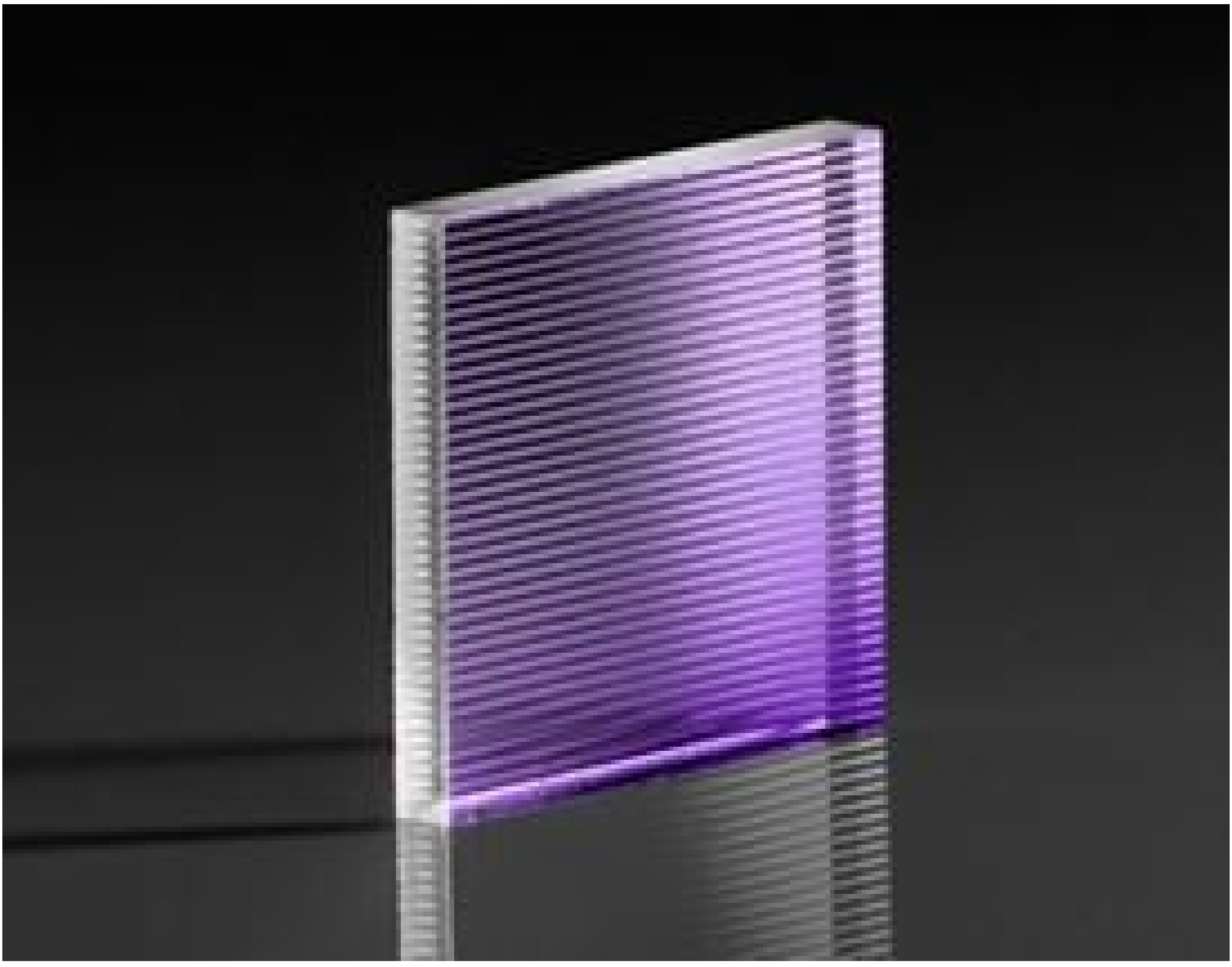
See all 33 Products in Family

10 x 10mm, 250µm Pitch, 6° Divergence, Cyl. Microlens Array



Stock **#86-839** **2 In Stock**

- 1 + **£665**.00

ADD TO CART

Volume Pricing	
Qty 1-10	**£665.00** each
Qty 11-25	**£585.00** each
Qty 26-49	**£558.00** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:
Lens Array

Physical & Mechanical Properties

Dimensions (mm):
10.0 x 10.0 ±0.05

Radius R (mm):
0.711

Thickness (mm):

1.20 ±0.05

Optical Properties

Effective Focal Length EFL (mm):

1.60

Substrate:

Fused Silica (Corning 7980)

Coating:

Uncoated

Wavelength Range (nm):

200 - 2200

Divergence Angle (°):

±6

Pitch (µm):

250.00 ±0.25

Array Type:

Single-Sided

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.

;