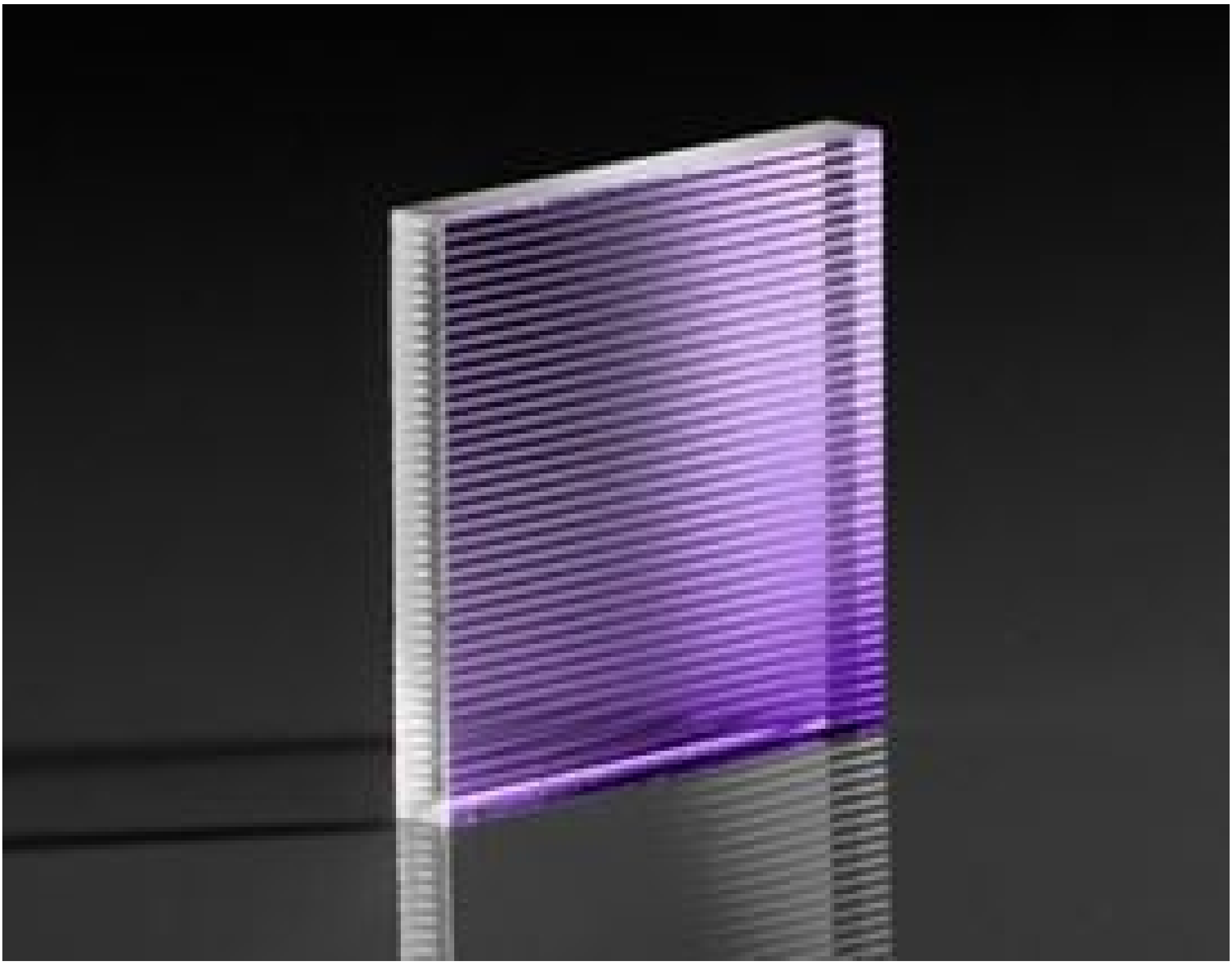
See all 33 Products in Family

10 x 10mm, 300µm Pitch, 1.1° Divergence, Cyl. Microlens Array



Stock **#86-840** **3 In Stock**

- 1 + **€668**.00

ADD TO CART

Volume Pricing	
Qty 1-10	**€668,00** each
Qty 11-25	**€587,00** each
Qty 26-49	**€557,00** 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):
3.600

Thickness (mm):
1.20 ±0.05

Optical Properties

Effective Focal Length EFL (mm):
8.00

Substrate:
Fused Silica (Corning 7980)

Coating:
Uncoated

Wavelength Range (nm):
200 - 2200

Divergence Angle (°):
±1.1

Pitch (µm):
300.00 ±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.

;