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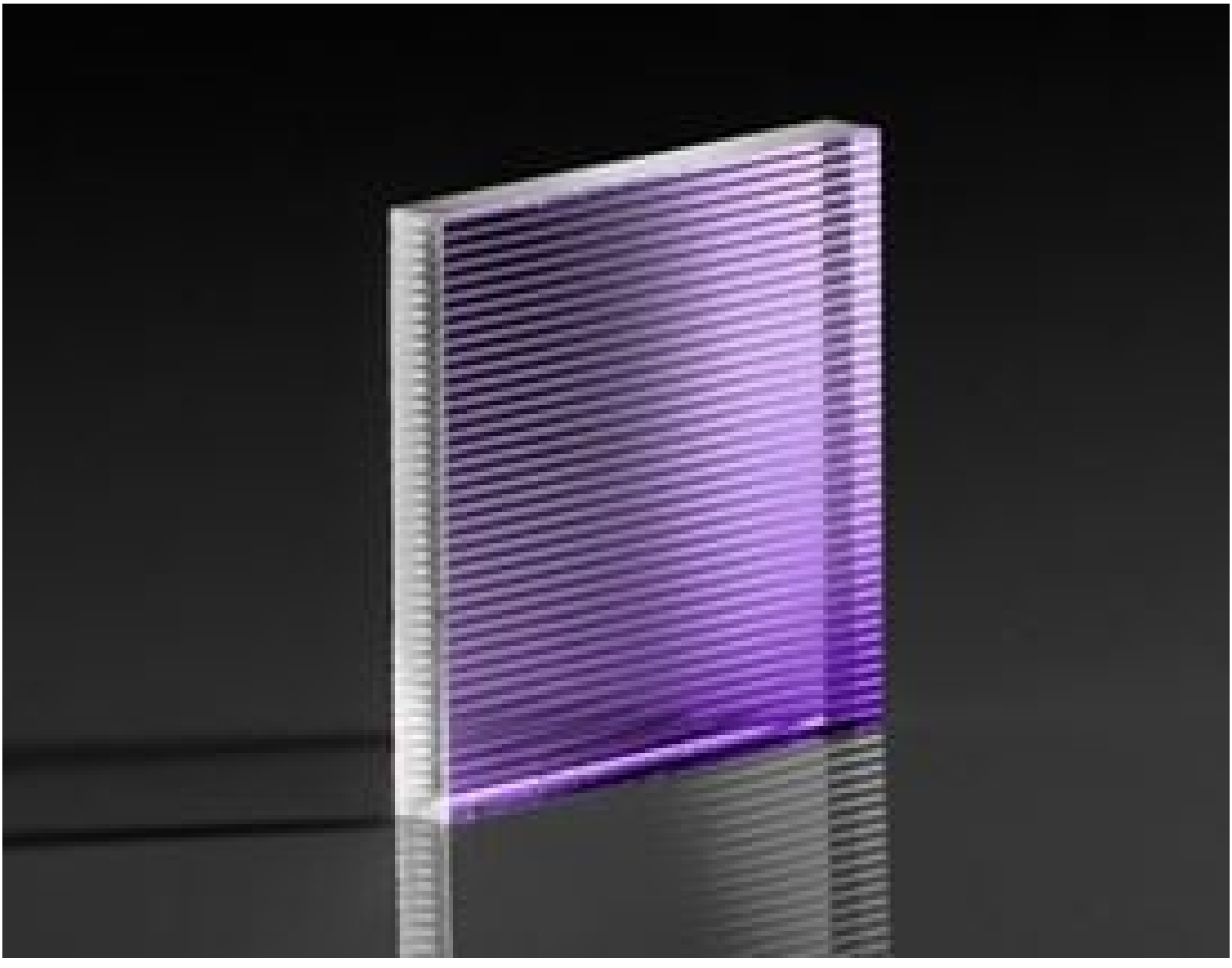
# 20 x 20mm, 800µm Pitch, 1.7° Divergence, Double Sided Cyl. Lens Array



Stock **#23-874** **3 In Stock**

- 1 + **€676**.00

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| Volume Pricing | |
|---|---|
| Qty 1-10 | **€676,00** each |
| Qty 11-25 | **€591,00** 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):**

20.0 x 20.0 ±0.10

**Radius R (mm):**

11.100

**Thickness (mm):**

2.00 ±0.1

## Optical Properties

**Effective Focal Length EFL (mm):**

24.70 @ 1064nm

**Substrate:**

Fused Silica (Corning 7980)

**Coating:**

Uncoated

**Wavelength Range (nm):**

200 - 2200

**Divergence Angle (°):**

1.7 (Full Width)

**Pitch (µm):**

800

**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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