

Double-sided Glass Microlens Arrays

for beam homogenization (customer specific design)



Specification data

	From	To	Tolerance
Array diameter	-	25 mm	± 0.01 mm
Array aperture	-	25 mm	± 0.01 mm
Center thickness	0.5 mm	5 mm	± 0.005 mm
Lenslet diameter	0.1 mm	3 mm	± 0.01 mm
Pitch	0.1 mm	-	± 0.5 μ m
Radius of curvature	0.5 mm	-	$\pm 2\%$
Lenslet aperture type	Circular/rectangular		
Fill factor	Up to 99% depending on pitch		
Surface roughness (rms)	<5 nm		
Offset front to back	± 10 μ m		

All lens arrays are precision glass molded