

Microlens Array Square

Item Number: MLA-S-120x120um-10x20mm-f5000um

Element Parameters

Material:	Fused silica
Dimension:	Up to 10 x 20 mm
Thickness:	1.0 mm
Lens Type:	Square, Refractive, Plano-Convex
Lenslet pitch:	120 μm
Lens Size	120 μm
AR Coating	No
Chrome Apertures	No

Microlens Parameters

h, w	Up to 10 x 20 mm
t	1.0 mm
p	120 μm
R	2250 μm
s	1.6 μm
EFL @ 633 nm *	4924 μm
BFL @ 633 nm *	4237 μm

* Calculated based on measured sag height *s*. The refractive index is chosen to be 1.457.

Drawings

