

Microlens Array Square

Item Number: MLA-R-400um-14x14mm-f13500um

Element Parameters

| | |
|------------------|---------------------------------|
| Material: | Fused silica |
| Dimension: | 14 x 14 mm |
| Thickness: | 0.58 mm |
| Lens Type: | Round, Refractive, Plano-Convex |
| Lenslet pitch: | 400 μm |
| Lens Size | 400 μm |
| AR Coating | No |
| Chrome Apertures | Yes, on a separate piece |

Microlens Parameters

| | |
|----------------|---------------------|
| h, w | Up to 14 x 14 mm |
| t | 0.58 mm |
| p | 400 μm |
| R | 6170 μm |
| s | 3.3 μm |
| EFL @ 633 nm * | 13500 μm |
| BFL @ 633 nm * | 13100 μm |

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

Drawings

