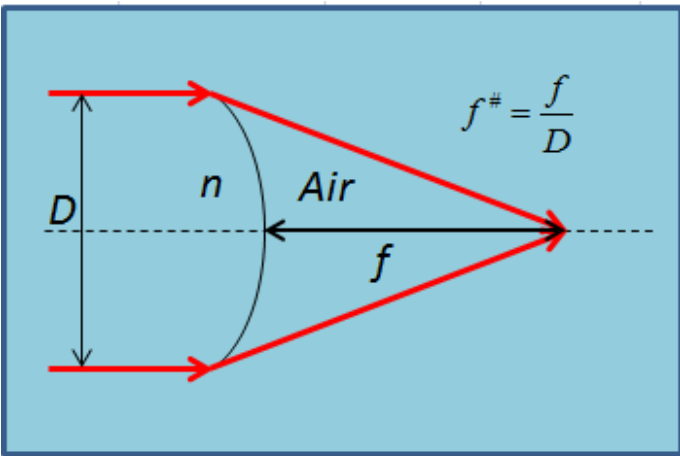
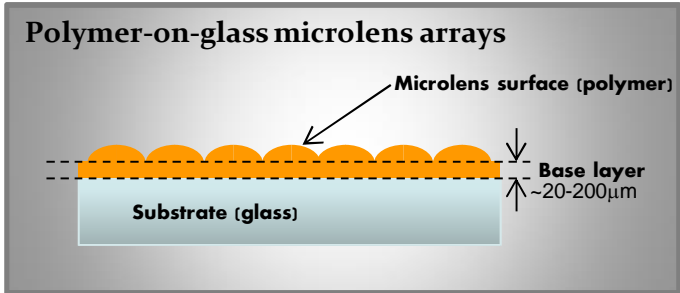
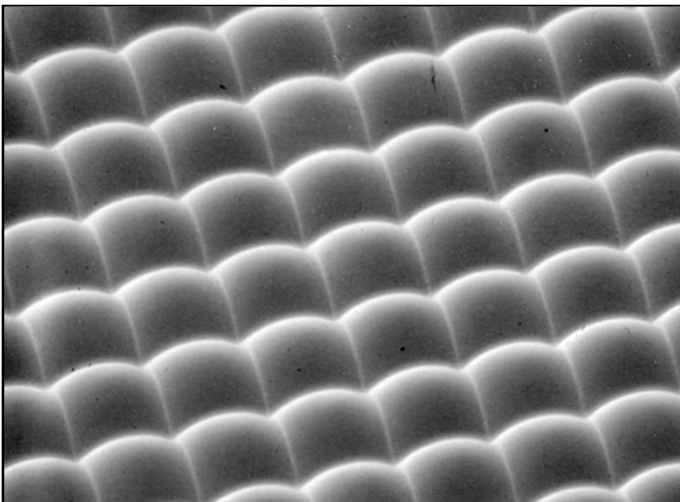


Microlens Arrays

Physical Properties	
Material	Polymer-on-glass
Index of refraction	1.56 @ 633nm
Maximum size	50.8 x 50.8mm ²
Clear aperture (CA)	Central 90% of part
Nominal fill factor	100%
Transmission spectrum	400-2000nm
Temperature range	-50°C to 120°C
Damage threshold	> 20J/cm ²
Nomenclature for standard microlens arrays: MLA-GS-fN	
G designates geometry: S (square), H (hexagonal), C (circular)	
S designates lens size in μm	
N designates f/number as defined in the diagram	



- Notes**
- Standard microlens arrays available in various lens sizes and geometries (see next page).
 - For custom microlens arrays design and/or materials, such as Fused Silica and Silicon, please contact us.
 - Handling and cleaning:
Avoid touching microlens surface
To clean just blow dry compressed air
 - Operational recommendations are for informational purposes only. Your specific operating conditions may be distinct depending on other system and environmental variables.
 - Please call for pricing, availability and delivery.
 - VISA and MasterCard accepted.



Microlens Arrays

Standard Models

Model	Geometry	Lens size (μm)	Fill factor	f/#
MLA-S1000-f5.5	Square	1000 x 1000	100%	5.5
MLA-H1000-f75	Hexagonal	1000	100%	75
MLA-S600-f28	Square	600 x 600	100%	28
MLA-S125-f10	Square	125 x 125	100%	10
MLA-S125-f15	Square	125 x 125	100%	15
MLA-S125-f20	Square	125 x 125	100%	20
MLA-S125-f25	Square	125 x 125	100%	25
MLA-S125-f30	Square	125 x 125	100%	30
MLA-S100-f4	Square	100 x 100	100%	4.2
MLA-S100-f8	Square	100 x 100	100%	7.8
MLA-S100-f10	Square	100 x 100	100%	9.5
MLA-S100-f11	Square	100 x 100	100%	11
MLA-S100-f12	Square	100 x 100	100%	12.5
MLA-S100-f15	Square	100 x 100	100%	15
MLA-S100-f17	Square	100 x 100	100%	17
MLA-S100-f21	Square	100 x 100	100%	21
MLA-S100-f28	Square	100 x 100	100%	28
MLA-S250-f10	Square	250 x 250	100%	10
MLA-S250-f15	Square	250 x 250	100%	15
MLA-S250-f20	Square	250 x 250	100%	20
MLA-S250-f25	Square	250 x 250	100%	25
MLA-S250-f30	Square	250 x 250	100%	30

Notes

- Maximum pattern size: 50.8 x 50.8mm²
- Standard substrates available at 50.8 x 50.8mm² or 25.4mm diameter, 2mm-thick
- Lens size is defined as the size of the square aperture (square geometry), diameter of circumscribing circle (hexagonal geometry), lens diameter (circular geometry).
- Handling and cleaning:
 Avoid touching microlens surface
 To clean just blow dry compressed air
- Please call for pricing, availability and delivery.