

Lenticulars

Lenticulars, also known as linear lens arrays or cylindrical lens arrays, have linear structures, where every groove is the same and each groove has a small radius of curvature, thus creating multiple line images. These components can also be used as diffuse or spread light in a single direction.

Designs Available for Manufacture

All dimensions in mm

Part Number	Radius of Curvature	Facet Spacing	Clear Aperture	Lens Length
LN611	0.157	0.187	100 x 100	100
LN615	0.432	0.798	89Ø	NA
LN629	0.483	0.381	114 x 114	114
LN663	0.544	0.508	400 x 500	500
LN692	0.762	0.162	178 x 229	178
LN636	0.762	0.186	260 x 260	260
LN669	0.762	0.368	260 x 260	260
LN684	1.000	0.400	279 x 279	279
LN618	1.720	0.162	139 x 222	222
LN665	3.175	2.794	120 x 175	175

Notes:

- Standard material used is PMMA. Other materials are available.
- Standard part thickness = 2mm. Other thicknesses possible.
- Outside diameter/size may be up to 5–20 mm beyond clear aperture. Other dimensions or special trimmings possible upon request.
- Special designs possible upon request.
- Radius and Facet Spacing values are reported for tooling. Actual parts will shrink depending on material and process (typical shrink ratio for acrylic is 0.45%).
- All specifications are subject to change without prior notice.