

Linear Fresnel Lenses **LFL**



Linear Lenses can be made as linear focussing or dispersing, single or multiple in one sheet.

Application:

- linear concentrator (solar power plants)
- daylight direction
- de-glaring luminaires
- wall washers

Product data:

standard material:	PMMA clear (acrylic) label: LFL other material (PC) upon request
possible sizes:	rectangle up to 1500 mm x 300 mm rectangle up to 1200 mm x 400 mm square up to 600 mm x 600 mm customized, edge profile treatment (milling)
thickness:	3 mm nominal, actually 3.0+0.2 to 3.0+0.5 mm (1.0 to 5.0 mm upon request)
prism size:	variable pitch (0.2 – 2.5 mm)
optical attributes:	by customer specification
refractive index:	1.491
transmission:	92% (acrylic clear)
temperature range:	-40°C up to +80°C (acrylic) / 120°C (PC)

Service: Development of prismatic microstructures for your specific applications, tooling and series production.