

# Planoconvex Lens Capabilities



A simple lens with one spherical face, planoconvex lenses have one plano face. Due to the convex arrangement of its round face, the lens has a positive focal length.

Due to its wide-ranging use within the optical industry — in almost all optical applications — the design of individual planoconvex lenses can vary greatly.

Offering extensive custom options for planoconvex lenses, Knight Optical can provide a range of optics manufactured in a variety of materials and qualities and, if required, can offer coated and mounted assemblies. Offering its customers short lead times, Knight Optical's range of planoconvex lenses can be edged down or reshaped if desired.



## Custom Capabilities

<b>Diameter</b>	3mm to 200mm+
<b>Focal Length</b>	3mm to 1000mm+
<b>Centration</b>	<3 arcseconds
<b>Surface Figure</b>	<0.1 fringes
<b>Scratch/Dig</b>	<10:5
<b>Coating Options</b>	AR Coated for UV/VIS/NIR
<b>Material</b>	Schott Glass or equivalent

Tested to the highest standards in our state-of-the-art metrology laboratory by a team of highly trained technicians, all Knight Optical's products undergo the company's meticulous quality assurance process before dispatch to check for surface imperfections and ensure a crystal-clear finish to meet the high quality expected from our customers. Individually inspected and tested, our metrology and quality assurance departments ensure a premium procedure is undertaken with every optic dispatched from our headquarters.

For more information on planoconvex lenses or to place a direct order, get in touch with one of our knowledgeable technical sales advisers via (+44) 1622 859444. Otherwise, you can discuss your requirements via email by contacting [info@knightoptical.com](mailto:info@knightoptical.com).

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