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KO | BRINGING QUALITY INTO FOCUS

Custom Planoconvex Lenses for Optical Systems

Knight Optical can offer [Planoconvex Lenses](#) for use within Optical Systems.

We supply a range of Planoconvex lenses for a range of applications. All individually QA checked and metrology tested for quality to ensure parts meet customer specification. Supplied in a range of sizes and shapes with custom coatings tailored to meet your individual applications.

Knight Optical supply precision optical components to customers with Optical systems. Planoconvex lenses are simple lenses with a plane surface and a convex surface and form a moderate quality image close to the axis. They are generally used as elements within a more complex lens system or optical instrument in imaging systems, collimation, lasers and detectors.

Typical specs:

Material:	N-BK7 or equivalent, UV Fused Silica, SF11 or equivalent
Dimensional Tolerances:	+/- 0.1mm
Centering:	< 3 arcminutes
Surface Quality:	< 40-20 Scratch/Dig
Surface Figure:	< 5(1) @ 633nm
Coating:	Antireflective coatings for application bandwidth (if required)

All our Planoconvex Lenses are fully inspected on their quality in our ISO 9001 certified, state-of-the-art Metrology laboratory, using our Zygo Verifire Interferometer and Trioptics OptiSpheric/OptiCentric. This allows us to work to the highest [QA standards](#) and meet the tolerance specifications on these **precision components**.

[Contact our technical sales team](#) to discover how Knight Optical's high quality Planoconvex Lenses and superior service can improve your instrumentation and supply chain experience.

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- View our [QA and metrology information](#)
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