

Condenser Lens Capabilities

Condenser lenses are used for concentrating light into a beam and are typically used in enlargers, projectors and illumination lighting systems.

Knight Optical offer custom condenser lenses manufactured to your specifications. From fire-polished grade to large diameter plano-convex up to 500mm in diameter that can all be edged to size or AR coated to improve efficiency.

Condenser lenses are typically manufactured from plain glass types, such as Schott B270, borosilicate (or equivalent). Lenses can be produced from other materials such as fused silica depending on the application.



Custom Capabilities

Diameter	<100mm to 500mm+
Focal Length	<100mm to 2000mm+
Centration	Typ. <5 arcminutes
Surface Figure	Typ. <5 waves
Scratch/Dig	<80:50
Coating Options	AR Coated for UV/VIS/NIR
Material	Schott Glass or equivalent

To keep up with the latest scientific developments, we guarantee that our in-house Metrology and Quality Assurance departments will not only deliver premium, individually inspected and tested optical components to your business, but should there be a need, can deliver bespoke optics designed to your exact specifications.

For more information on any of our optical services, to discuss your requirements or place a direct order with one of our technical sales team, please contact Knight Optical by Email: info@knightoptical.com or call direct on +44 1622 859 444 (UK, EUR or ROW) +1 401 583 7846 (USA & Canada).