



www.knighthoptical.com | Tel: +1 401 583 7846 | Fax: +1 401 583 7851
Knight Optical (USA) LLC | 1130 Ten Rod Road, Suite D102 | North Kingsdown RI 02852 USA
www.knighthoptical.com | Tel: +44 (0) 1622 859444 | Fax +44 (0) 1622 859555
Knight Optical (UK) Ltd | Roebuck Business Park | Harrietsham | Kent ME17 1SB UK

KO | BRINGING QUALITY INTO FOCUS

Fire-Polished Aspheric Lenses for Optical Systems

Knight Optical can offer [Fire-Polished Aspheric Lenses](#) for use within Optical Systems.

We supply a range of Fire-Polished Aspheric 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. Aspheric lenses are used to correct for spherical aberrations and can be as effective a multi-lens system while taking up less physical space and reducing weight and cost. As such these lenses are often used in military applications, such as night vision goggles or missile guidance systems

Typical specs:

Material:	B270 or equivalent, Borosilicate
Dimensional Tolerances:	+/- 0.25mm
Surface Quality:	< 60-40 Scratch/Dig
Coating:	Antireflective coatings for application bandwidth (if required)

All our Fire-Polished Aspheric 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 Fire-Polished Aspheric Lenses and superior service can improve your instrumentation and supply chain experience.

UK, Europe, Asia & RoW: E-Mail info@knighthoptical.co.uk Tel +44 (0)1622 859444

USA & Canada: E-Mail usasales@knighthoptical.com Tel +001 401-583-7846

- [View our QA and metrology information](#)
- [Watch our Corporate Video](#)
- [View Our Corporate Brochure](#)
- [Request a catalogue](#)