



www.knightright.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.knightright.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

Pellin-Broca Prisms for use in the Atomic Spectroscopy

Knight Optical can offer [Pellin-Broca Prisms](#) for use within Atomic Spectroscopy.

We supply a range of Pellin-Broca Prisms 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 within Atomic Spectroscopy. Pellin-Broca Prisms are designed with a given material, angle and wavelength in mind to perfectly deviate a beam of the given wavelength by 90 degrees.

These are often used to separate beams of differing colours and as such are ideal for use in optical atomic spectroscopy or to separate outputs of a multi-line laser.

Typical specs:

Material:	UV Fused Silica
Dimensional Tolerances:	+/- 0.2mm
Angles:	+/- 30 arc seconds
Surface Figure:	< 1 waves
Surface Quality:	< 40-20 Scratch/Dig
Coatings:	< AR Coatings available on request

All our Pellin-Broca Prism are fully inspected on their quality in our ISO 9001 certified, state-of-the-art Metrology laboratory, using our Starrett AV300 Video Imaging System and our Trioptics PrismMaster. 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 Pellin-Broca Prisms and superior service can improve your instrumentation and supply chain experience.

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

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

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