



www.knightoptical.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.knightoptical.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

Littrow Prisms for use in Laser Applications

Knight Optical can offer **Littrow Prisms** for use within Laser Applications.

We supply a range of Littrow 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 Laser Applications. Littrow Prisms are used near the end of an optical cavity of a laser system to finely adjust the output frequency by changing the AOI of the prism.

Typical specs:

Material:	SF11 or equivalent, F2 or equivalent, UV grade fused silica
Dimensional Tolerances:	+/- 0.2mm
Angles:	+/- 1 arc minutes
Surface Figure:	< 0.5 waves
Surface Quality:	< 40-20 Scratch/Dig
Coating:	Antireflective < 0.2% @ 550nm Ali Ravg >94%@450-650nm @ AOI=0°-45°

All our Littrow 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 Littrow Prisms and superior service can improve your instrumentation and supply chain experience.

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

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

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