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KO | BRINGING QUALITY INTO FOCUS

Toroidal Mirrors for use in Optical Systems

Knight Optical can offer [Toroidal Mirrors](#) for use within Optical Systems.

We supply a range of Toroidal Mirrors 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. Our Toroidal Mirrors are designed to minimise astigmatism when used in off-axis geometry. They are easier to manufacture than parabolic or ellipsoidal mirrors and therefore can be made much cheaper with the same quality.

Toroidal mirrors are used for correction of aberration in a range of scientific instrument applications such as spectrometers monochromators and imaging devices.

Typical specs:

Dimensional Tolerances:	+/- 0.1mm
Surface Figure:	< 5(1) @ 633nm
Surface Quality:	< 40-20 Scratch/Dig
Coating Types:	UV/Enhanced Aluminium, Silver, Gold, Dielectric

All our Toroidal Mirrors are fully inspected on their quality in our ISO 9001 certified, state-of-the-art Metrology laboratory, using our Cary 7000 UMS. 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 Toroidal Mirrors and superior service can improve your instrumentation and supply chain experience.

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