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## UV Aluminium Coating for Spectrometers

Knight Optical provide a wide range of optical components present in a spectrometers, specifically mirrors and prisms with a [UV Aluminium coating](#) to enable the detection of UV wavelengths from 180nm.

UV wavelengths can be hard to detect without the use of this coating and can make results inaccurate. Knight Optical UV Aluminium coating allows wavelengths between 180-650nm to reflection at an average of of 85% which is not achieved with Enhanced Aluminium which cuts on at 400nm and primarily for the visible region and above.

The coating can be applied to [Prisms and Mirrors](#), either from stock or custom. It is also worth noting that the coating has a protective layer which improves resistance to scratching and improves durability making it easier to clean.

**All our Coatings are fully inspected on their quality in our ISO 9001:2015 certified, state-of-the-art Metrology laboratory**, using our Cary 660 IR Spectrophotometer for precise transmission/blocking data. 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 coatings bring quality into focus.

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- View our [QA and metrology information](#)
  - Watch our [Corporate Video](#)
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**KO** | BRINGING QUALITY INTO FOCUS

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