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KO | BRINGING QUALITY INTO FOCUS

Circular Sheet Polariser for use in Photographic Applications

Knight Optical can offer [Circular Sheet Polariser](#) for use within Photographic Applications.

We supply a range of Circular Sheet Polariser 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 Photographic Applications. Our Circular Polarisers consist of a quarter wave plate cemented to a linear polariser.

While a linear polariser may be used to reduce glare during photography (such as reflection from the surface of a body of water), autofocus systems struggle to correctly focus on linearly polarised light. With the addition of the quarter wave plate, this has little impact on the intensity of incident light to the sensor, but it makes autofocussing much easier.

They are also often used to reduce the effects of ambient light on, and improve the visibility of many emissive displays (LCD, LED, CRT, etc.) and electro luminescent applications.

Typical specs:

Shapes: Circular Polarisers, Square Polarisers
Dimensional Tolerances: +/- 0.5mm

All our Circular Sheet Polariser 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 polarising sheets and superior service can improve your instrumentation and supply chain experience.

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