



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

Visible Sheet Polariser for use in Consumer Electronics

Knight Optical can offer [Visible Sheet Polariser](#) for use within Consumer Electronics.

We supply a range of Visible 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 Consumer Electronics. Our Linear Polarisers linearly polarise unpolarised light and can block light that is polarised in the opposite direction.

Linear Polarisers are often used in the production of LCD monitor and TVs. The liquid crystals act like a wave-plate, rotating the polarisation axis allowing them to control the amount of light from each pixel. They are used in a similar way for a photographer to prevent surface reflections from water.

Our polariser sheets allow different levels of total light from a randomly polarised source through the sheet (22-50%) and have differing extinctions percentages that can be chosen for your application.

Typical specs:

Shapes:	Circular Polarisers, Square Polarisers
Dimensional Tolerances:	+/- 0.5mm
Surface Quality:	< 60-40 Scratch/Dig

All our Visible 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.

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

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

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