



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

Knight Optical unveils new additions to Moulded Optics range

New for 2019, Knight Optical's newly expanded collection of Moulded Optics now further meet the demands of the most complex, high-specification projects. Drawing on our 28 years' experience and passion for producing premium-quality components, we now provide an even greater component offering within our Moulded Optics range.

From Quartz Tubes and [Aspheric Lenses](#) to sought-after [Germanium Windows](#) and [Fresnel Lenses](#), our optics are specified for a diverse variety of applications – such as magnification and light diffusion.

One of the most popular uses for Moulded Optics is light sensor devices. Connected to floodlight circuits and used to detect movement within their radar, these devices are commonplace within the defence industry and for home and workplace security usage. Their operation lies within their ability to identify infrared (IR) wavelengths emitted from objects within their field of view.

As well as a vast range of stock – including Optical Filters in 5.6 to 51mm diameters (larger for Planoconvex Optics) – we also provide custom-made Moulded Optics tailored to meet the precise needs of your application. This customised service allows you to specify the shape, dimension, tolerance, wavelength, thickness and coatings best suited to your demands.

Typical Specs (Stock):

Material: [Acrylic or PMMA](#)

Diameter: +0.0 / -0.25 mm

Thickness: +0/-0.20 mm

Surface quality: <60-40 Scratch/Dig

Quality you can rely on

Quality is at the core of Knight Optical, and to ensure you profit from high-precision optics, we take the utmost care to ensure every component accurately meets your specifications. Offering unparalleled service, Knight Optical undertakes a full inspection of your optics from our ISO 9001:2015-certified, state-of-the-art Metrology Laboratory, followed by a meticulous visual examination by our dedicated QA department.

To discover how we can enhance your supply chain experience and to learn more about our stock and custom-made Moulded Optics, [contact](#) a member of our technical sales team today.

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](#)

- View our [Catalogue](#)
- Watch our [Corporate Video](#)
- View our [Corporate Brochure](#)