

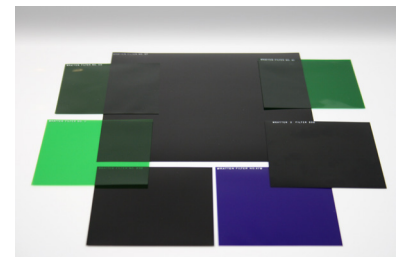
# Longpass Filter Capabilities



Longpass filters, also known as long-wave pass edge filters, are designed to transmit longer wavelengths than the cut-on wavelength, whilst rejecting the shorter wavelengths by means of absorption or reflection.

We offer custom longpass filters in a range of wavelengths to suit individual customer specifications and applications.

Our longpass filters are available in polyester, wratten 2, dichroic and colour glass types, designed for wavelengths down to 175nm up to the NIR. Our filters can be supplied unmounted or mounted in either our range of stock filter mounts, or custom.



## Custom Capabilities

<b>Types Available</b>	Dichroic, Polyester, Wratten 2, Colour Glass
<b>Dimensions</b>	
Dichroic	3mm to 400mm diameter
Wratten 2/Polyester	100mm x 300mm
Colour Glass	3mm to 100mm diameter
<b>Wavelengths*</b>	175nm to 3200nm+
<b>Peak Transmission*</b>	>85%
<b>Surface Quality*</b>	<10/5
<b>Parallelism*</b>	< 3 arcseconds

**Note: \* Dependent On Filter Type**

To keep up with the latest scientific developments, we guarantee that our in-house Metrology and Quality Assurance departments will not only deliver premium, individually inspected and tested optical components to your business, but should there be a need, can deliver bespoke optics designed to your exact specifications.

For more information on any of our optical services, to discuss your requirements or place a direct order with one of our technical sales team, please contact Knight Optical by Email: [info@knightoptical.com](mailto:info@knightoptical.com) or call direct on +44 1622 859 444 (UK, EUR or ROW) +1 401 583 7846 (USA & Canada).

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