

Plane Front Surface Mirror Capabilities

Plane front surface mirrors are basic optics used in beam steering and reflecting applications. Knight Optical offer custom front surface mirrors for UV, visible and IR applications with a range of substrate, surface quality and coating options available.

Custom Capabilities

Dimensions	5mm to 300mm+
Thickness	1.5mm to 20mm+
Flatness	<1/10th wave
Parallelism	<3 arcseconds
Mounting Options	Mounted or Unmounted
Substrate	Float Glass
Surface Quality	<10:5
Coating Options	Enhanced Aluminium Ravg. 94% VIS Dielectric Ravg. 99.9% VIS UV Enhanced Aluminium @ 180nm Dielectric Ravg. 98.5% NIR Ion Plated Silver NIR to 2000nm Protected Gold 750nm to FIR

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 or call direct on +44 1622 859 444 (UK, EUR or ROW) +1 401 583 7846 (USA & Canada).

