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).